## Memorandum

To: Mayor & Members of Council

**From:** Jon Bisher

Subject: General Information

**Date:** March 7, 2014

I will be in D.C. for the APPA Rally from Saturday, March 8th thru Wednesday, March 12th and have appointed Chad Lulfs as the Acting City Manager for these days.

#### **CALENDAR**

## MONDAY, MARCH 10<sup>TH</sup>

- 1. AGENDA Electric Committee Meeting @ 6:30 pm
  - a. Approval of Minutes the minutes from the February 10<sup>th</sup> meeting are enclosed
  - b. Review/Approval of Electric Billing Determinants for March 2014 the billing determinants are enclosed.
  - c. Electric Department Report from February 2014 is attached
- 2. AGENDA Board of Public Affairs @ 6:30 pm
- 3. AGENDA Personnel Committee @ 7:00 pm
- 4. CANCELLATION Water/Sewer Committee
- 5. CANCELLATION Municipal Properties/ED Committee

### TUESDAY, MARCH 11<sup>TH</sup>

- 1. AGENDA Planning Commission @ 5:00 pm
- 2. AGENDA Personnel Committee @ 7:00 pm
- 3. CANCELLATION Board of Zoning Appeals

## WEDNESDAY, MARCH 12<sup>TH</sup>

1. AGENDA – Personnel Committee @ 7:00 pm

#### INFORMATIONAL

- 1. Enclosed is information on Ohio Sunshine Law Training TMACOG will be holding on Friday, April 4<sup>th</sup>.
- 2. AFEC Long Term Gas Hedge. My recommendation is to be part of the hedge and not opt out because the price of our gas hedge was 30% less than the gas cost in the feasibility study for AFEC.
- 3. AMP Update/March 7, 2014

JAB:rd Records Retention CM-11 - 2 Years

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### Calendar

U Calendar						
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						BISHER - Off
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2	3	4	5	6	7	8
BISHER - Off	7:00 PM City COUNCIL Meeting Greg Heath - OFF	Greg Heath - OFF	6:30 PM Parks & Rec Board Meeting 6:30 PM Personnel Committee Meeting Greg Heath - OFF	Greg Heath - OFF	Greg Heath - OFF	APPA Conf @ D.C Bisher
9	10	11	12	13	14	15
APPA Conf @ D.C Bisher	6:30 PM ELECTRIC Committee Board of Public Affairs 7:00 PM Personnel Committee APPA Conf @ D.C Bishe	5:00 PM Planning Commission Mtg. 7:00 PM Personnel Committee APPA Conf @ D.C Bishet	7:00 PM Personnel Committee APPA Conf @ D.C Bisher	APPA Conf @ D.C Bisher		
16	17	18	19	20	21	22
	6:15 PM Parks & Rec Committee Mtg. 7:00 PM City COUNCIL Meeting		AMP - Bisher	AMP - Bisher		BISHER - AMP/Phoenix, AZ
23	24	25	26	27	28	29
BISHER - AMP/Phoenix, AZ	6:30 PM Finance & Budget Committee Mtg. 7:30 PM Safety & Human Resources Committee Mtg. BISHER - AMP/Phoenix, AZ	BISHER - AMP/Phoenix, AZ	BISHER - AMP/Phoenix, AZ	BISHER - AMP/Phoenix, AZ	BISHER - AMP/Phoenix, AZ	BISHER - AMP/Phoenix, AZ
30	31	1	2	3	4	5
BISHER - AMP/Phoenix, AZ		BISHER - Off PM				

# City of Napoleon, Ohio

## ELECTRIC COMMITTEE

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

## Meeting Agenda Monday, March 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 March: Generation Charge: Residential @ \$0.08563; Commercial @ \$0.10566; Large Power @ \$0.05995; Industrial @ \$0.05995; Demand Charge Large Power @ \$12.57; Industrial @ \$13.63; JV Purchased Cost: JV2 @ \$0.05452; JV5 @ \$0.05452
- III. Electric Department Report
- IV. Any Other Items Currently Assigned to Committee

Gregory J. Heath, Finance Director/Clerk of Council

#### City of Napoleon, Ohio

### **ELECTRIC COMMITTEE**

### **Meeting Minutes**

Monday, February 10, 2014 at 6:30 PM

PRESENT

**Electric Committee** 

Travis Sheaffer – Chair (arrived at 6:45 pm), Patrick McColley, Jason

Maassel

**BOPA** 

Keith Engler – Chair, Mike DeWit, Dr. David Cordes Dr. Jon A. Bisher, City Manager

**City Staff** 

Dennis Clapp, Electric Superintendent Roxanne Dietrich, Administrative Assistant

Trevor M. Hayberger, Law Director

Gregory J. Heath, Finance Director/Clerk of Council

Chad Lulfs, Director of Public Works Jeff Rathge, Operations Superintendent

Recorder **Others** 

Tammy Fein

News Media

**ABSENT** 

Call To Order

Committee member McColley called the Electric Committee meeting to

order at 6:30 PM.

**Approval Of Minutes** 

The January 13 meeting minutes of the Electric Committee stand approved

as presented with no objections or corrections.

**Review Of Billing Determinants** 

The electric billing determinants for February were presented for review.

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

To accept the BOPA recommendation for approval of electric billing

determinants for February 2014 as follows:

Generation Charge: Residential @ \$0.08415; Commercial @ \$0.09993; Large Power @ \$0.05951; Industrial @ \$0.05951; Demand Charge Large Power @ \$11.56; Industrial @ \$12.72; JV Purchased Cost: JV2 @

\$0.02814; JV5 @ \$0.02814

**Discussion** 

McColley noticed that the Fremont rate had increased from the previous month; Bisher stated this is due to transmission congestion caused by maintenance that was being completed. Bisher stated that AMP bid into the market but was not allowed to run due to the transmission congestion, adding that even though the kilowatt hours were decreased, the rate was still paid; DeWit stated the payment appears to be the difference between the purchase price and the current price.

Bisher stated that the levelization plan had begun on January 1, 2014; Heath stated it would be seen on the January billing to the City by AMP. Bisher added that the City's three (3) year levelization program, which consists of putting money up now and getting it back in two (2) years is a solid program and will help level the City's utility rates.

Passed Yea-3

Roll call vote on above motion:

Yea- Maassel, McColley

Nay- 0 Nay-Clapp gave the Electric Department Report; see attached. **Electric Department Report** Sheaffer Arrived At 6:45 pm Sheaffer arrived at 6:45 pm. **AMP Ohio Credit Score** Heath distributed and explained a memo regarding the City's AMP Ohio credit score; see attached. Heath stated the City rated in the 82<sup>nd</sup> percentile; the Good Performance category. Heath explained the Debt/Kilowatt Hour for Credit Scoring spreadsheet, which is based on project, with the City of Napoleon being part of Omega JV2, Omega JV 5, and the Gorsuch Station; adding that the debt for the City's substation has been paid off, so the debt listed in the Total Electric Fund Debt column is all through AMP Ohio representative of the debt incurred through projects that the City is bought into. Heath suggested adopting a formal Reserve Fund Policy for the Electric Fund, which has been discussed by Council in use with other funds, to increase the City's AMP Ohio credit rating by ten (10) points, adding that the City attempts to maintain certain minimum balances but the practice is not a formal policy; a minimum fund balance policy could possibly mandate a rate increase if the reserve amount fell below the minimum requirement. Heath reminded the Board that this credit rating is for AMP's purposes of selling their debt to the market on AMP projects. Bisher agreed, adding that this system is AMP's way of ensuring that all the participants in a project are doing as well as they can since the debt for the projects is the debt of all the participants, not just AMP. Bisher stated that formal policy would be helpful if the City ever needed to go to financial markets for projects such as water projects, and would show interface between Council and the Management team. Heath stated that the policies that he has seen follow similar language as the debt covenant; mandating rate increases if minimum fund balances are not maintained, looking at an average number of days' worth of cash on hand for operational purposes. **Engler Requested Reserve Fund** Engler requested that Bisher, Hayberger and Heath gather information **Policy Information To Be** regarding creating a Reserve Fund Policy to be brought to the March 10 **Brought To Next BOPA Meeting** BOPA meeting. John Courtney To Present Heath stated that John Courtney will be present at the March 10 BOPA **Electric Cost Of Service Study:** meeting to present the findings of the Electric Cost of Service Study. March 10 **Electric Motion To Adjourn** Motion: Maassel Second: McColley To adjourn the Electric Committee meeting at 7:02 pm. Roll call vote on above motion: Passed Yea-3 Yea- Maassel, McColley, Sheaffer Nav-0 Nay-

Travis Sheaffer, Chair

Date

BY DEMAND & ENERG	<u>GY:</u>			
	MUNICIPAL PEAK			
	26,294			
3				
	AMP SOLAR	PRAIRIE STATE	NORTHERN	FREEMONT
CT NYPA	PHASE 1	SCHED. @ PJMC &		ENERGY
@ ATSI SCHED. @ NYIS			<u>POOL</u>	SCHEDULED
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			722,081	
		0		
			-940,985	
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,		\$118,258.70		\$44,194.2
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3,704.18	-\$126.33			
7,661.41 -\$1,393.5		-\$3,487.59		-\$7,303.1
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6,144.56 \$5,412.4	8 -\$126.33	\$159,150.88	\$0.00	\$68,136.9
\$9,360.5	7 \$6,568.22	\$26,398.03	\$61,261.58	\$45,429.4
			\$32,179.61	
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-\$41,685.5	2			
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40.00		AJE2 - 12 -	Acc	
\$0.00 -\$32,324.9	5 \$6,568.22	\$170,713.40	-\$28,406.61	\$123,943.6
and Rate Adjustments:				
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6,144.56 -\$26,912.4	7 \$6,441.89	\$329,864.28	-\$28,406.61	\$192,080.5
<u> </u>	2 \$0.083365	\$0.094804	-\$0.036755	\$0.07002
6,144.5				

BILLING DETERMINANTS for BI								
2014 - MARCH BILLING WITH FEBRUARY 2014 I								
PREVIOUS MONTH'S POWER BILLS - PU								
DATA PERIOD								
AMP-Ohio Bill Month								
City-System Data Month								
City-Monthly Billing Cycle								
Oity-Monthly Billing Oydle								
PURCHASED POWER-RESOURCES -> (	EFFICIENCY SMART	JV-2 PEAKING	JV-5 HYDRO	JV-6 WIND	TRANSMISSION CHARGES	SERVICE FEES DISPATCH, A & B	LEVELIZATION & CITY RATE	TOTAL -
	POWER PLANT	SCHED. @ ATSI	7x24 @ ATSI	SCHED. @ ATSI	Other Charges	Other Charges	MONTHLY ADDER	RESOURCES
Delivered kWh (On Peak) ->	0		2,297,472	91,735	other ontargee	other other goo		15,744,5
Delivered kWh (Off Peak) ->			_,,	01,100				722,0
Delivered kWh (Replacement/Losses/Offset) ->			33,412					33,4
Delivered kWh (Credits) ->			55,112					-940,9
20110.00 11111 (0.00.10) 2								
Net Total Delivered kWh as Billed ->	0	209	2,330,884	91,735	0	0	0	15,559,0
Percent % of Total Power Purchased->	0.0000%	0.0013%	14.9809%	0.5896%	0.0000%	0.0000%	0.0000%	100.0000
DOWER COSTS OF ENERGY DEMAND REACTIVE							Verification Total - >	100.0000
POWER - COSTS OF ENERGY, DEMAND, REACTIVE, DEMAND CHARGES (+Debits)								
Demand Charges		\$440.59	\$15,082.65	\$1,334.86	\$46,429.15			\$173,229.
Debt Services (Principal & Interest)		, , , ,	\$64,508.32	\$3,531.00	, .,			\$230,492.
Capital Improvements			, -					\$0.
Working Capital								\$0.
DEMAND CHARGES (-Credits)								
Transmission Charges (Demand-Credits)		-\$258.35	-\$4,524.67	-\$32.79				-\$18,646.
Capacity Credit		-\$194.64	-\$2,593.92	-\$16.52				-\$22,650.
Sub-Total Demand Charges	\$0.00	-\$12.40	\$72,472.38	\$4,816.55	\$46,429.15	\$0.00	\$0.00	\$362,424.
ENERGY CHARGES (+Debits or Adjustments):								
Energy Charges - (On Peak)		\$45.59	\$44,223.87		\$69,120.80			\$536,591.
Energy Charges - (Replacement/Off Peak)								\$32,179.
Net Congestion, Losses, FTR								\$179,429.
Transmission Charges (Energy-Debits)								\$99,364.
ESPP Charges	\$38,168.43							\$38,168.
Bill Adjustments (General & Rate Levelization)		\$2.77					\$190,000.00	\$190,112.
ENERGY CHARGES (-Credits or Adjustments):								
Energy Charges - On Peak (Sale or Rate Stabilization)		-\$308.13						-\$122,155.
Net Congestion, Losses, FTR								-\$41,685.
Bill Adjustments (General & Rate Levelization)							-\$115,798.74	-\$147,902.
Sub-Total Energy Charges	\$38,168.43	-\$259.77	\$44,223.87	\$0.00	\$69,120.80	\$0.00	\$74,201.26	\$764,101.0
COMBINED DEMAND & ENERGY (Debits & Credits A								
RPM Charges Capacity - (+Debit)					\$32,939.53			\$32,939.
RPM Charges Capacity - (-Credit)					<del>+32,000.00</del>			\$0.
Service Fees AMP-Dispatch Center - (+Debit/-Credit)						\$865.22		\$865.
Service Fees AMP-Part A - (+Debit/-Credit)						\$2,982.61		\$2,982.
Service Fees AMP-Part B - (+Debit/-Credit)						\$9,086.06		\$9,086.
Other Charges & Bill Adjustments - (+Debit/-Credit)						ψο,σσσ.σσ		\$0.
City Rate Adjustment in Cost of Power (1)							\$60,000.00	\$60,000.
• • • • • • • • • • • • • • • • • • • •	\$0.00	\$0.00	\$0.00	\$0.00	\$32,939.53	\$12,933.89	\$60,000.00	\$105,873.4
Sub-Total Service Fees & Other Charges		Ψ0.00	ψ0.00	ψ0.00	Ç32,000.00	Ţ12,000.00		
Sub-Total Service Fees & Other Charges		6070 47	¢116 606 05	£4.046.55	¢1.40.400.40	640 000 00	6124 004 00	¢4 000 000
	\$38,168.43	-\$272.17	\$116,696.25	\$4,816.55	\$148,489.48	\$12,933.89		. , ,
TOTAL - ALL COSTS TO ALLOCATE	\$38,168.43				-		Verification Total - >	\$1,232,398.
-		-\$272.17 -\$1.302249	\$0.050065	\$0.052505	\$0.000000	\$0.000000	Verification Total - > \$0.000000	\$1,232,398.0 \$0.07920
TOTAL - ALL COSTS TO ALLOCATE	\$38,168.43		<b>\$0.050065</b> (Northern Pool Po		<b>\$0.000000</b> ff-Peak) Energy Char	<b>\$0.000000</b> rge/kWH) = JV2 Elec	Verification Total - > \$0.000000 ctric Service Rate - >	\$1,232,398.6 \$1,232,398.6 \$0.07920 \$0.05452 \$0.05452

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RCHASED POW		COST ALLOCA	TIONS BY DEM					
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			31		26,294			
FEBRUARY, 2014			28		,			
MARCH, 2014			31					
AMPGS	AMPGS	FIRST ENERGY			AMP SOLAR	PRAIRIE STATE	NORTHERN	FREEMONT
REPLACEMENT	REPLACEMENT	REM.REQUIREMENT	AMP CT	NYPA	PHASE 1	SCHED. @ PJMC &	POWER	ENERGY
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	MARCH, 2014  AMPGS REPLACEMENT 2013 5x16 @ AD GSY):  0.0000% 100.0000% 100.0000%  ND RATE ADJUSTN \$0.00	MARCH, 2014	MARCH, 2014   AMPGS	MARCH, 2014   31   31	MARCH, 2014   31   31	AMPGS	MARCH, 2014   31   31   31   31   31   31   31	MARCH, 2014   31   31   31   31   31   31   31

<b>BILLING DETERMINANTS for BI</b>								
2014 - MARCH BILLING WITH FEBRUARY 2014 [								
PREVIOUS MONTH'S POWER BILLS - PU								
DATA PERIOD								
AMP-Ohio Bill Month								
City-System Data Month								
City-Monthly Billing Cycle								
3 2,7 2								
(	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 Ener						A-AMP RATIO	B-CITY RATIO	
DEMAND Ratio	0.0000%	4.5560%	62.1034%	100.0000%	40.1810%	30.9519%	34.5715%	
ENERGY Ratio	100.0000%	95.4440%	37.8966%	0.0000%	59.8190%	69.0481%	65.4285%	
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 A								TOTALS
RPM Charges Capacity								
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$13,235.44	\$0.00	\$0.00	\$13,235.44
ENERGY - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$19,704.09	\$0.00	\$0.00	\$19,704.09
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$32,939.53	\$0.00	\$0.00	\$32,939.53
Service Fees-AMP Charges (Dispatch, Part A & Part I								
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,003.28	\$0.00	\$4,003.28
ENERGY - Allocation based on Ratio	\$0.00	<u>\$0.00</u>	\$0.00	<u>\$0.00</u>	\$0.00	<u>\$8,930.61</u>	<u>\$0.00</u>	<u>\$8,930.61</u>
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$12,933.89	\$0.00	\$12,933.89
Other Charges & Other Bill Adjustments								
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25,652.49	\$25,652.49
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>\$48,548.77</u>	<u>\$48,548.77</u>
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$74,201.26	\$74,201.26
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	\$20,742.90	\$20,742.90
ENERGY - Allocation based on Ratio	\$0.00	<u>\$0.00</u>	\$0.00	<u>\$0.00</u>	\$0.00	<u>\$0.00</u>	<u>\$39,257.10</u>	\$39,257.10
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	\$32,939.53	\$12,933.89	\$134,201.26	\$180,074.68

		NG DETERMINAN			T	DET
BILLING DETERMINANTS for BIL	<u>LING CYCLE  - </u>	MARCH, 2	<u>2014</u>			
PREVIOUS MONTH'S POWER BILLS - PURG	CHASED POWER S	SUPPLY - COST				
			DAYS IN		SYSTEM	
<u>DATA PERIOD</u>	<u>MONTH</u>		<u>MONTH</u>		<u>PEAK</u>	
AMP-Ohio Bill Month	JANUARY, 2014		31		26,294	
City-System Data Month	FEBRUARY, 2014		28			
City-Monthly Billing Cycle	MARCH, 2014		31			
PURCHASED POWER SUPPLY - COST AL	LOCATION WORKS	SHEET				
	Billing	Billing	RPM	RPM	Sarvica Face-AMP	Service Fees-AMF
	Charges	Charges	Charges	Charges	Charges	Charges
Purchased Power Provider	DEMAND	ENERGY	DEMAND	ENERGY	DEMAND	ENERGY
AMPGS-REPLACEMENT 5x16 @ AD	\$0.00	\$142,083.46	\$0.00	\$0.00		
AMPGS-REPLACEMENT 7x24 @ AD	\$0.00	\$50,989.08	\$0.00	\$0.00		
SALE TO TEA 5x16 @ AD	\$0.00	\$105,080.22	\$0.00	\$0.00	· · · · · · · · · · · · · · · · · · ·	
EFFICIENCY SMART POWER PLANT	\$0.00	\$38,168.43	\$0.00	\$0.00	· · · · · · · · · · · · · · · · · · ·	
AMP CT SCHEDULED	\$6,144.56	\$0.00	\$0.00	\$0.00		
NYPA SCHEDULED	\$5,412.48	-\$32,324,95	\$0.00	\$0.00		
AMP SOLAR PHASE 1 SCHEDULED	-\$126.33	\$6,568.22	\$0.00	\$0.00	·	
PRAIRE STATE SCHEDULED	\$159,150.88	\$170,713.40	\$0.00	\$0.00	\$0.00	
NORTHERN POWER POOL	\$0.00	-\$28,406.61	\$0.00	\$0.00	\$0.00	
FREEMONT ENERGY SCHEDULED	\$68,136.90	\$123,943.60	\$0.00	\$0.00		
JV-2 PEAKING SCHEDULED	-\$12.40	-\$259.77	\$0.00	\$0.00		
JV-5 HYDRO	\$72,472.38	\$44,223,87	\$0.00	\$0.00		
JV-6 WIND	\$4.816.55	\$0.00	\$0.00	\$0.00	· · · · · · · · · · · · · · · · · · ·	
TRANSMISSION and Other Charges	\$46,429.15	\$69,120.80	\$13,235.44	\$19,704.09	\$0.00	
A - AMP Service Fees- Dispatch, A & B	\$0.00	\$0.00	\$0.00	\$0.00		
B - Levelization & City Rate Adder to Cost of Power	\$0.00	\$0.00	\$0.00	\$0.00		
C - Outdoor Lght.Credit Reconciliation	\$0.00	\$0.00	\$0.00	\$0.00	· · · · · · · · · · · · · · · · · · ·	·
TOTALS - ALL	\$362,424.17	\$689,899.75	\$13,235.44	\$19,704.09	· · · · · · · · · · · · · · · · · · ·	
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, , , , , , , , , , , , , , , , , , , ,	, , , , , ,		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1-7
RATIOS COMPUTATIONS (By Billed Demand and Energy	av):					
A - AMP Service Fees - Ratio Allocation (Excluding	JV2, JV5 & JV6, & Se	rvice Fees)				
Totals - AMP All Billing Costs by Demand and Energy	(Excludes: JV2, JV5 &	JV6, & AMP Servi	ce Fees)			
Ratios to Allocate AMP Service Fees						
B - City Rate Adjustment - Ratio Allocation (To Total	al Cost of Power)					
Totals - All Billing Costs both Demand and Energy	ar cost or r owery					
Ratios to Allocate City Rate Adjustment						
C - Outdoor Street Lights and Miscellaneou - Ratio	Allocation (To ALL Co	osts 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		eet Light Cost by	Average Cost of P	ower)		
Total Purchased Power Cost (Cost Per kWh, on Pag						
Total Outdoor Street Light kWh by Light Type (on Pa	ge 2)					
Net Allocated - Security Street Light Credit						
Less: Security Street Light Corrections (If Any) Net Allocated - Security Street Light Credit						
ivet Anocateu - Security Street Light Credit					1	

DILLING DETERMINANTS for DILLIN	DILL	IIVA BETERIVIIIVIIV	10			DLI
BILLING DETERMINANTS for BILLIN						
PREVIOUS MONTHS POWER BUILD BURGH						
PREVIOUS MONTH'S POWER BILLS - PURCH						
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	\$142,083.4
AMPGS-REPLACEMENT 7x24 @ AD	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50,989.0
SALE TO TEA 5x16 @ AD	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$105,080.2
EFFICIENCY SMART POWER PLANT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$38,168.4
AMP CT SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$6,144.56	\$0.0
NYPA SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$5,412.48	-\$32,324.9
AMP SOLAR PHASE 1 SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	-\$126.33	\$6,568.2
PRAIRE STATE SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$159,150.88	\$170,713.4
NORTHERN POWER POOL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$28,406.6
FREEMONT ENERGY SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$68,136.90	\$123,943.6
JV-2 PEAKING SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	-\$12.40	-\$259.7
JV-5 HYDRO	\$0.00	\$0.00	\$0.00	\$0.00	\$72,472.38	\$44,223.8
JV-6 WIND	\$0.00	\$0.00	\$0.00	\$0.00	\$4,816.55	\$0.00
TRANSMISSION and Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$59,664.59	\$88,824.8
A - AMP Service Fees- Dispatch, A & B	\$0.00	\$0.00	\$0.00	\$0.00	\$4,003.28	\$8,930.6
B - Levelization & City Rate Adder to Cost of Power	\$25,652.49	\$48,548.77	\$20,742.90	\$39,257.10	\$46,395.39	\$87,805.8
C - Outdoor Lght.Credit Reconciliation	-\$1,714.34	-\$3,244.48	\$0.00	\$0.00	-\$1,714.34	-\$3,244.4
TOTALS - ALL	\$23,938.15	\$45,304.29	\$20,742.90	\$39,257.10	\$424,343.94	\$803,095.84
RATIOS COMPUTATIONS (By Billed Demand and Energy):  A - AMP Service Fees - Ratio Allocation (Excluding JV:					DEMAND	ENERG)
Totals - AMP All Billing Costs by Demand and Energy (Ex					\$298,383.08	\$665,639.74
Ratios to Allocate AMP Service Fees					30.9519%	69.0481%
Tratios to Allocate Aivii Gervice Lees					30.931978	09.040178
B - City Rate Adjustment - Ratio Allocation (To Total C						
Totals - All Billing Costs both Demand and Energy					\$379,662.89	\$718,534.4
Ratios to Allocate City Rate Adjustment					34.5715%	65.4285%
C - Outdoor Street Lights and Miscellaneou - Ratio Alle						
Totals - All Billing Costs both Demand and Energy					\$426,058.28	\$806,340.3
Ratios to Allocate City Rate Adjustment					34.5715%	65.4285%
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)						
Total Outdoor Street Light kWh by Light Type (on Page 2)						
Net Allocated - Security Street Light Credit	-\$4,958.82				-\$1,714.34	-\$3,244.4
Less: Security Street Light Corrections (If Any)	\$0.00				\$0.00	\$0.0
Net Allocated - Security Street Light Credit	-\$4,958.82				-\$1,714.34	-\$3,244.48

ELECTRIC		MO	NTHLY BILLING DE	TERMINANTS			DETERMINANT
<b>BILLING DETERMIN</b>	IANTS for BIL	LING CYCLE	- MARCH.	2014			
BILLING UNITS - ALLOCA					ΙΙ ΔΤΙΟΝ		
DILLING ONTO ALLOGA	THORIC OF RWITE	LING BEIMAND & E	INCINATION OCCIO	OALOG	<u> </u>		
BILLING UNITS - ALLOCA	TION OF kWH &	DEMAND LISEAC	SE BY CLASS				
CITY BILLI	NG UNITS - PRIC	OR MONTH'S DAT	ΓΑ				
Days in AMP-Oh Bill Month	31	, -					
Coincidental Peak in Month	26,294						
Days in Data Month	28	FEBRUARY, 2014					
(kWh C	31,G2, G3, & G4,	,- kW D1 & D2)		С	ITY STREET LIGHTS	S - kWh ALLOCATIO	N
	kWh	Metered kW	Billed kVa	Light	Number of	Monthly kWh	Total kWh
Cstmr. Class or Schedule	<u>Sales</u>	<u>Demand</u>	Demand	Type	<u>Lights</u>	Per Light	by Light Type
Residential (Domestic)	3,528,696	0		52W	3	17.16	51
Residential (Rural)	1,786,564	415		70W	87		2,010
Commercial (1P)	65,887			100W	487	33.00	16,071
Commercial (1P)(D)	400,364	,		150W	58		2,871
Commercial (3P)	12,240			157W	2		104
Commercial (3P)(D)	1,816,045			250W	335		27,638
Large Power (D)	2,613,402		,	400W	105	132.00	13,860
Industrial (D)	2,571,522		5,495				
Interdepartmental	600,458	1,431					
Total kWh, kW and kVa	12 205 170	23,661	10.000		1,077		62,605
·	13,395,178		12,868	Ctuant Limbto		Floatrio Cumorinton	,
Verification Totals ->	13,395,178	23,661		Street Lights	listing - Revised Per	Electric Superinten	dent on 12/19/2012.
	ΔVF	RAGE AND EXC	ESS DEMAND CA	I CIII ATION			
		B	C	D	E	F	
	Α	_	(B / "System Load	(C - B)	D/"Tot.Excess Dmd	=	
		AMP Bill Month")		(C - B)	X ("kW Load" -	` ,	
kWh & Demand	Monthly		Factor") Caculated (Cal.)		Mthly.Avg.Dmd")	System kW Load	
w/Demand (Actual or Cal.)	kWh	Monthly Average	or Actual	Excess	Allocated Excess	Delivered	
Cstmr. Class or Schedule	Delivered	Demand	Maximum Demand		Demand	A & E	
		L					
Residential (Dom) (Cal. D)	3,528,696		, ,				
Residential (Rural) (Cal. D)	1,786,564		, ,				
Commercial (1P) (Cal. D)	65,887					104.27	
Commercial (1P) (Actual D)	400,364						
Commercial (3P) (Cal. D) Commercial (3P) (Actual D)	12,240						
Large Power (Actual D)	1,816,045 2,613,402				,	,	
, ,					,	,	
Industrial (Actual D) Interdepartmental (Cal. D)	2,571,522 600,458			,	,		<u>Var</u>
. , ,	-	L					<u>vai</u>
Total Billed System Demand	13,395,178	18,004.28	32,314.00	14,309.72	8,190.50	26,194.78	
Outdoor Lights	62,605	84.15	110.49	26.34	15.08	99.22	
Total System Demand	13,457,783	18,088.43	32,424.49	14,336.06	8,205.58	26,294.00	
System Load Factor:	76.16%	<- Total kWH Del. /	(Total Sys.kW Load )	X 24 X # Days In Data	Month)	26,294.00	<-Verification Total
		13457783 / (26294 x	,	,	,	,	
1			,	1	Í.	1	

LECTRIC			NTHLY BILLING DE			T	DETERMINAN
<b>BILLING DETERMINA</b>	ANTS for BIL	LING CYCLE	- MARCH, 2	<u> 2014</u>			
BILLING UNITS - ALLOCAT	IONS OF KWH	and DEMAND & E	NERGY COSTS	and RATE CALCU	ILATION		
ALLOCATION OF ENERGY	AND DEMAND	COSTS					
ENERGY COST ALLOCATION:							
Total Energy Cost (from Power Bi	lle naue).	\$803,096	\$803.096	<- Verification Total	- Variations Due To	Rounding	
Total Ellergy Gost (Holli i ower Br	iis page).	ψ003,090	=======	<- Verilloation Total	- variations bue to	Tiodriding	
	kWh						
	Billing Units	Percent Allocated	<b>Allocated Dollars \$</b>				
Res./Interdept. (G1):	5,915,718						
Commercial (G2):	2,294,536						
Large Power (G3):	2,613,402						
Industrial (G4):	2,571,522	19.19737%	\$154,173				
Total:	13,395,178	100.00000%	\$803,096	<- Verification Total	- Variations Due To	Rounding	
Verification Total ->	13,395,178		========				
	-,,						
DEMAND COST ALLOCATION:							
Total Demand Cost (from Power E	Bills page):	\$424,344	\$424,344	<- Verification Total	- Variations Due To	Rounding	
·			=======				
	kW/KVA						
	Billing Units		Allocated Dollars \$				
Res./Interdept. (G1):	9,376	35.79240%	' '				
Commercial (G2):	6,474	24.71340%					
Large Power (G3):	5,722	21.84481%					
Industrial (G4):	4,623	17.64939%	\$74,894				
Total:	26,195	100.00000%	\$424,344	<- Verification Total	- Variations Due To	Rounding	
Verification Total ->	26,195		========				
	·						
<b>APPLIED GENERATION &amp;</b>	DEMAND COST	S TO MONTHLY	BILLING RATES				
		RATE CALCULAT					
•			_				
MARCH, 2014	Allocated	Billing	PWR.RATES				
	<u>Costs</u>	<u>Units</u>	<u>CHARGED</u>				
JV's Purchased Cost kWH to Ci			00.05450				
JV2 Joint Venture Rate (JV2 End JV5 Joint Venture Rate (JV5 End			\$0.05452				
JV5 Joint Venture Hate (JV5 Ent	ergy Only)		\$0.05452				
Generation Charge:							
Res./Interdept. (G1):	\$506,555	5,915,718	\$0.08563				
Commercial (G2):	\$242,437	2,294,536	\$0.10566				
Large Power (G3):	\$156,684	2,613,402					
Industrial (G4):	\$154,173	2,571,522	\$0.05995				
Demand Charge:		13,395,178					
Large Power (D1):	\$92,697						
Industrial (D2):	\$74,894						
` '							
Total Billing & Unit Check:	\$1,227,440						
Verification of Billings & Units:	\$1,227,440						-
Net Average City Cost of Pur							
Net Average Customer Cost of	of Billing per KWH fo	r Prior Billing Month:	\$0.10977				



AMERICAN MUNICIPAL POWER, INC.

1111 Schrock Rd, Suite 100

COLUMBUS, OHIO 43229

PHONE: (614) 540-1111

FAX: (614) 540-1078

**INVOICE NUMBER:** 180784 Preliminary

**INVOICE DATE:** 2/18/2014

**DUE DATE:** 3/5/2014

TOTAL AMOUNT DUE: \$1,159,073.28

CUSTOMER NUMBER: 5020

CUSTOMER P.O. #: RG10046

#### **City of Napoleon**

Gregory J. Heath, Finance Director 255 W. Riverview Ave., P.O. Box 151 Napoleon, Ohio 43545-0151 PLEASE WRITE INVOICE NUMBER ON REMITTANCE AND RETURN YELLOW INVOICE COPY. MAKE CHECK PAYABLE TO AMP.

#### Northern Power Pool Billing - January, 2014

MUNICIPAL PEAK: 26,294 kW TOTAL METERED ENERGY: 15,665,614 kWh

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

Total Power Charges: \$807,649.91

Total Transmission Charges: \$148,489.48

Total Other Charges: \$12,933.89

Total Miscellaneous Charges: \$190,000.00

GRAND TOTAL POWER INVOICE: \$1,159,073.28

# DETAIL INFORMATION OF POWER CHARGES January , 2014 Napoleon

FOR THE MONTH OF:	January, 2014		Total Metered Load kWh: Transmission Losses kWh: Distribution Losses kWh: Total Energy Req. kWh:	15,665,614 -106,527 0 15,559,087
TIME OF FENTS PEAK: TIME OF MUNICIPAL PEAK: TRANSMISSION PEAK:	01/28/2014 @ H.E. 19:00 01/24/2014 @ H.E. 11:00 July, 2013		COINCIDENT PEAK kW: MUNICIPAL PEAK kW: TRANSMISSION PEAK kW: PJM Capacity Requirement kW:	25,875 26,294 31,687 32,514
Napoleon Resources				
AMP CT - Sched @ ATSI				
Demand Charge:	\$2.218560	/ kW *	12,400 kW =	\$27,510.15
Transmission Credit: Capacity Credit:	\$1.105176 \$0.617856	/ kW * / kW *	-12,400 kW = -12,400 kW =	-\$13,704.18 -\$7,661.41
Subtotal	φυ.617636 # <b>N/A</b>	/ kWh *	0 kWh =	\$6,144.56
Fremont - sched @ Fremont		,	<b>V</b>	<del>+•,</del>
Demand Charge:	\$3.564023	/ kW *	8,767 kW =	\$31,245.79
Energy Charge:	\$0.016561	/kWh *	2,743,161 kWh =	\$45,429.45
Net Congestion, Losses, FTR:	\$0.028582	/ kWh *	0.707.144	\$78,404.57
Capacity Credit: Debt Service	\$0.833026 \$5.040978	/ kW * / kW	-8,767 kW = 8,767 kW	-\$7,303.14 \$44.194.25
Adjustment for prior month:	ψ3.040976	/ KVV	0,707 KVV	\$109.58
Subtotal	\$0.070022	/ kWh *	2,743,161 kWh =	\$192,080.50
First Energy Remaining Requirement - sched @ A				
Energy Charge:	\$0.034950	/ kWh *	3,006,587 kWh =	\$105,080.22
Subtotal  JV6 - Sched @ ATSI	\$0.034950	/ kWh *	3,006,587 kWh =	\$105,080.22
Demand Charge:			300 kW	
Energy Charge:			91,735 kWh	
Transmission Credit:	\$0.109300	/ kW *	-300 kW =	-\$32.79
Capacity Credit:	\$0.055067	/ kW *	-300 kW =	-\$16.52
Subtotal	-\$0.000538	/ kWh *	91,735 kWh =	-\$49.31
Prairie State - Sched @ PJMC Demand Charge:	\$8.918764	/ kW *	4,976 kW =	\$44,379.77
Energy Charge:	\$0.007587	/ kWh *	3,479,433 kWh =	\$26,398.03
Net Congestion, Losses, FTR:	\$0.022146	/ kWh *	0, 170, 100 KWII =	\$77,055.01
Capacity Credit:	\$0.700882	/ kW *	-4,976 kW =	-\$3,487.59
Debt Service	\$23.765816	/ kW	4,976 kW	\$118,258.70
Transmission from PSEC to PJM/MISO	\$0.028558	/ kWh	3,479,433 kWh	\$99,364.25
Board Approved Rate Levelization Subtotal	\$0.094804	/ kWh *	2 470 422 NMb -	-\$32,103.89
NYPA - Sched @ NYIS	<b>\$0.094004</b>	/ KVVII	3,479,433 kWh =	\$329,864.28
Demand Charge:	\$4.102495	/ kW *	1.659 kW =	\$6,806.04
Energy Charge:	\$0.016929	/ kWh *	552,932 kWh =	\$9,360.57
Net Congestion, Losses, FTR:	-\$0.075390	/ kWh *		-\$41,685.52
Capacity Credit:	\$0.840000	/ kW *	-1,659 kW =	-\$1,393.56
Subtotal JV5 - 7X24 @ ATSI	-\$0.048672	/ kWh *	552,932 kWh =	-\$26,912.47
Demand Charge:			3,088 kW	
Energy Charge:			2,297,472 kWh	
Transmission Credit:	\$1.465243	/ kW *	-3,088 kW =	-\$4,524.67
Capacity Credit:	\$0.840000	/ kW *	-3,088 kW =	-\$2,593.92
Subtotal  JV5 Losses - Sched @ ATSI	-\$0.003098	/ kWh *	2,297,472 kWh =	-\$7,118.59
Energy Charge:			33,412 kWh	
Subtotal	#N/A	/ kWh *	33,412 kWh =	\$0.00
JV2 - Sched @ ATSI			,	·
Demand Charge:			264 kW	
Energy Charge:	\$0.217710	/ kWh *	209 kWh =	\$45.59
Transmission Credit: Capacity Credit:	\$0.978598 \$0.737373	/ kW * / kW *	-264 kW = -264 kW =	-\$258.35 -\$194.64
Real Time Market Revenue from JV2 Operation	\$0.737273	/ KVV	-264 KVV =	-\$194.64
Subtotal	-\$3.416940	/ kWh *	209 kWh =	-\$715.53
AMP Solar Phase I - sched @ ATSI	** ***			
Demand Charge:			1,040 kW	
Energy Charge:	\$0.085000	/ kWh *	77,273 kWh =	\$6,568.22
Transmission Credit: Subtotal	\$0.083365	/ kWh *	77,273 kWh =	-\$126.33 <b>\$6,441.89</b>
AMPGS Replacement 2014 5x16 - 5x16 @ AD	<b>დ</b> სიაანმ	/ WAAII	11,213 RVVII =	φυ,441.09
Demand Charge:			5,000 kW	
Energy Charge:	\$0.070430	/ kWh *	1,760,000 kWh =	\$123,956.80
Net Congestion, Losses, FTR:	\$0.010299	/ kWh *		\$18,126.66

# DETAIL INFORMATION OF POWER CHARGES January , 2014 Napoleon

Subtotal	\$0.080729	/ kWh *	1,760,000 kWh =	\$142,083.46
AMPGS Replacement 2014 7x24 - 7x24 @ AD				
Demand Charge:			1,000 kW	
Energy Charge:	\$0.060680	/ kWh *	744,000 kWh =	\$45,145.92
Net Congestion, Losses, FTR:	\$0.007854	/ kWh *		\$5,843.16
Subtotal	\$0.068534	/ kWh *	744,000 kWh =	\$50,989.08
EFFICIENCY SMART POWER PLANT				
ESPP charges @ \$3.095 /MWh x 147,987.5 MWh / 12				\$38,168.43
Subtotal				\$38,168.43
Northern Power Pool:				
On Peak Energy Charge: (M-F HE 08-23 EDT)	\$0.061769	/ kWh *	991,777 kWh =	\$61,261.58
Off Peak Energy Charge:	\$0.044565	/ kWh *	722,081 kWh =	\$32,179.61
Sale of Excess Non-Pool Resources to Pool	\$0.129490	/ kWh *	-940,986 kWh =	-\$121,847.80
Subtotal	-\$0.036755	/ kWh *	772,873 kWh =	-\$28,406.61
Total Demand Charges:				\$231,097.60
Total Energy Charges:				\$576,552.31
Total Power Charges:			15,559,087 kWh	\$807,649.91
TRANSMISSION CHARGES				
TRANSMISSION CHARGES:  Demand Charge:	\$1.465243	/ kW *	31.687 kW =	\$46,429.15
•	\$1.465243 \$0.005212	/ kWh *	31,687 KW = 13.261.615 kWh =	
Energy Charge: RPM (Capacity) Charges:	\$0.005212 \$1.013100	/ kwn *	32,514 kW =	\$69,120.80 \$32,939.53
TOTAL TRANSMISSION CHARGES:	\$0.013100	/ kWh *	•	
TOTAL TRANSMISSION CHARGES:	\$0.011197	/ KVVn "	13,261,615 kWh =	\$148,489.48
Dispatch Center Charges: Service Fee Part A,	\$0.000055	/ kWh *	15,665,614 kWh =	\$865.22
Based on Annual Municipal Sales	\$0.000229	/ kWh *	156,294,126 kWh 1/12 =	\$2,982.61
Service Fee Part B.			•	. ,
Energy Purchases	\$0.000580	/kWh *	15,665,614 kWh =	\$9,086.06
TOTAL OTHER CHARGES:				\$12,933.89
MISCELLANEOUS CHARGES:				
Deposit / (Withdraw) from RSF account				\$190,000.00
TOTAL MISCELLANEOUS CHARGES:				\$190,000.00
				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
GRAND TOTAL POWER INVOICE:				\$1,159,073.28
AIWIID IAIWE I AMEII III MAIAFI				Ψ1,100,070.20

### APPENDIX A -Loan Schedule

# CITY OF NAPOLEON RATE LEVELIZATION FUND LOAN SCHEDULE

Estimated Annual Interest Rate:

0.00%

		Payment from AMP to	,	Vionthly Interest		
Month (1)		Municipality (2)	=	Credit	Ac	cumulated Loan Balance
Jan-14	\$	(190,000.00)	\$		\$	(190,000.00)
Feb-14	S	(120,000.00)	\$	u:	\$	(310,000.00)
Mar-14	S	(120,000.00)	\$	E.	\$	(430,000.00)
Apr-14	\$	(90,000.00)	\$	-	\$	(520,000.00)
May-14	\$	(120,000.00)	\$	Ē	\$	(640,000.00)
Jun-14	\$	(120,000.00)	S	);***	\$	(760,000.00)
Jul-14	S	(180,000.00)	\$	-	\$	(940,000.00)
Aug-14	S	(150,000.00)	\$	n <del>-</del>	\$	(1,090,000.00)
Sep-14	\$	(100,000.00)	\$	~	\$	(1,190,000.00)
Oct-14	\$	(100,000.00)	\$	.=	\$	(1,290,000.00)
Nov-14	\$	(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)	\$	-	\$	(1,570,000.00)
Mar-15	3	(30,000.00)	\$	¥	\$	(1,600,000.00)
Apr-15	S	50,000.00	\$	•	\$	(1,550,000.00)
May-15	S	20,000.00	S	4	\$	(1,530,000.00)
Jun-15	S	100,000.00	\$	-	\$	(1,430,000.00)
Jul-15	S	70,000.00	3	-	\$	(1,360,000.00)
Aug-15	S	70,000.00	\$	*	\$	(1,290,000.00)
Sep-15	\$	150,000.00	S	4	S	(1,140,000.00)
Oct-15	\$	150,000.00	5	-	\$	(990,000.00)
Nov-15	\$	150,000.00	\$	12	\$	(840,000.00)
Dec-15	\$	70,000.00	\$	: <del>-</del>	\$	(770,000.00)
Jan-16	S	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	\$	i <del>e</del> .	\$	(340,000.00)
May-16	\$	140,000.00	\$	-	\$	(200,000.00)
Jun-16	\$	20,000.00	S	-	\$	(180,000.00)
Jul-16	S	20,000.00	3	7	\$	(160,000.00)
Aug-16	S	20,000.00	S	*	\$	(140,000.00)
Sep-16	S	60,000.00	S	=	\$	(80,000.00)
Oct-16	S	60,000.00	\$	*:	\$	(20,000.00)
Nov-16	S		S	_	\$	-,
Dec-16	S	-	S		\$	<b>~</b> 0

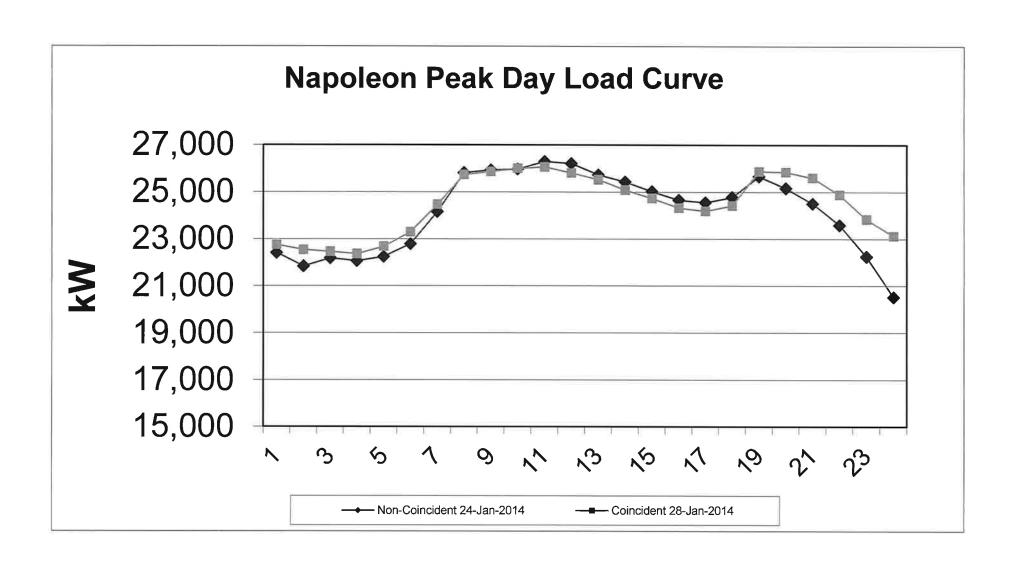
<sup>(1)</sup> Month means month of power delivery.

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

<sup>(2)</sup> Negative means payment from Municipality to AMP

Napoleon	Capacity Plan - Actual										
Jan 2014	ACTU	IAL DEMAND =	26.294	MW							
Days 31	ACTU	JAL ENERGY =	15,666	MWH							
					DEMAND	ENERGY				<b>EFFECTIVE</b>	%
		DEMAND	<b>ENERGY</b>	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	1,714	0%	\$0.00	\$165.38	\$0	\$283,441	\$283,441	\$165.38	22.1%
2	NPP Pool Sales	0.00	-941	0%	\$0.00	\$129.49	\$0	-\$121,848	-\$121,848	\$129.49	-9.5%
3	AFEC	8.77	2,743	42%	\$7.78	\$45.14	\$68,246	\$123,834	\$192,081	\$70.02	14.9%
4	Prairie State	4.98	3,479	94%	\$45.50	\$29.73	\$226,411	\$103,453	\$329,864	\$94.80	25.7%
5 6 7	NYPA - Ohio	1.66	553	45%	\$3.26	-\$58.46	\$5,412	-\$32,325	-\$26,912	-\$48.67	-2.1%
6	JV5	3.09	2,297	100%	\$23.47	\$19.25	\$72,472	\$44,224	\$116,696	\$50.79	9.1%
47.7	JV5 Losses	0.00	33	0%	\$0.00	\$0.00	\$0	\$0	\$0	\$0.00	0.0%
8 9	JV6	0.30	92	41%	\$16.06	\$0.00	\$4,817	\$0	\$4,817	\$52.51 \$83.37	0.4% 0.5%
	AMP Solar Phase I	1.04 1.00	77 744	10% 100%	-\$0.12 \$0.00	\$85.00 \$68.53	-\$126 \$0	\$6,568 \$50,989	\$6,442 \$50,989	\$68.53	4.0%
10	AMPGS Replace 7x24	5.00	1.760	47%	\$0.00	\$80.73	\$0	\$142,083	\$142,083	\$80.73	11.1%
11	AMPGS Replace 5x16	0.00	- ,	0%	\$0.00	\$34.95	\$0 \$0	\$142,080	\$142,083	\$34.95	8.2%
12	FE Requirements 2014-2017 AMPCT	12.40	3,007 0	0%	\$0.50	\$0.00	\$6,145	\$105,000	\$6,145	\$0.00	0.5%
13 14	JV2	0.26	0	0%	<b>-\$0</b> .04	#######	-\$10	-\$263	-\$272	-\$1,302.61	0.0%
14	POWER TOTAL	38.49	15,559	54%	-50.04	I	\$383,368	\$705,238	\$1,088,605	\$69.97	84.7%
15	Energy Efficiency	30.43	0	3470	\$0.00	\$0.00	\$0	\$38,168	\$38,168	\$0.00	3.0%
16	Installed Capacity	32.51		1	\$1.01	\$0.00	\$32,940	\$0	\$32,940	\$2.10	2.6%
17	TRANSMISSION	31.69	13,262	1	\$1.47	\$5.21	\$46,429	\$69,121	\$115,550	\$7.38	9.0%
18	Distribution Charge	26.29	10,000		\$0.00	\$0.00	SO.	\$0	\$0	\$0.00	0.0%
19	Service Fee B	20.20	15,666	1		\$0.58		\$9,086	\$9,086	\$0.58	0.7%
20	Dispatch Charge		15,666			\$0.06		\$865	\$865	\$0.06	0.1%
T	OTHER TOTAL						\$79,369	\$117,241	\$196,609	\$12.55	15.3%
GRAND TOTAL PURCHASED			15,559				\$462,736	\$822,478	\$1,285,215		
Delivered to members		26.294	15,666	80%			\$462,736	\$822,478	\$1,285,215	\$82.04	100.0%
		DEMAND	ENERGY	L.F.					TOTAL \$	\$/MWh	Avg Temp
	2014 Forecast	24.11	14,714	82%					\$951,798	\$64.69	25.5
	2013 Actual	25.38	14,647	78%					\$993,798	\$67.85	28.0
	2012 Actual	24.03	14,664	82%					\$977,790	\$66.68	30.2
									Actual Temp		16.0

NAPOLEON	١															
				Saturday			Tuesday		Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	
Date	1/1/2014	1/2/2014	1/3/2014	1/4/2014	1/5/2014	1/6/2014	1/7/2014	1/8/2014	1/9/2014	1/10/2014	1/11/2014	1/12/2014	1/13/2014	1/14/2014	1/15/2014	
Hour	45 404	47.050	00.007	40.000	40.440	45.700	40.005	40.000	00.400	10.570		.= =				
100 200	15,431 14,947	17,252 16,923	20,237 19,827	18,833	16,143 15,465	15,799	19,605	19,682	20,163	19,576	18,321	17,723	18,543	18,640	19,390	
300	14,684	16,923	19,827	18,418 18,218	15,465	15,560 15,313	18,955 18,806	19,430	20,044	19,069	17,862	17,253	18,034	18,116	18,927	
400	14,507	17,009	19,814	17,930	14,734	15,313	18,657	19,205 18,925	20,074	19,110	17,794	16,993	18,010	18,058	18,927	
500	14,353	17,479	19,900	17,709	14,710	15,193	18,661	19,283	20,027	18,824	17,051	16,763	17,958	18,005	18,968	
600	14,618	18.868	20,709	17,709	14,718	15,813	19,150	20,288	20,558 21,173	19,088 19,889	17,476 17,859	16,862	18,358	18,343	19,310	
700	14,944	20,158	21,788	18,571	15,486	16,683	19,803	21,113				17,109	19,236	19,140	20,060	
800	15,292	21,912	23,220	19,621	16,098	17,345	20,559	22,884	22,176 24,150	20,793 22,377	18,573	17,376	20,701	21,024	21,723	
900	15,030	22,442	23,341	19,696	16,018	17,672	20,632	23,223	24,130	22,768	19,876 20,039	18,135 18,057	22,343 22,235	22,676	23,449	
1000	15,637	22,753	23,262	19,915	16,277	18,160	21,012	23,216	24,384	22,760	20,039	18,065	22,235	22,493 22,544	23,418	
1100	16.138	23,084	23,408	20,028	16,690	18,669	21,342	23,466	24,190	22,654	20,650	18,554	22,463	22,622	23,433 23,560	
1200	16,430	23,442	23,114	19,745	16,997	18,930	21,591	23,567	24,130	22,378	20,635	18,837	22,555	22,020	23,274	
1300	16,439	23,298	22,749	19,378	17,299	19,192	21,426	23,545	23,812	22,165	20,540	18,574	22,093	21,839	23,219	
1400	16,557	23,232	22,369	18,895	17,213	19,299	21,143	23,266	23,603	22,090	20,376	18,512	21,992	21,474	22,816	
1500	16,497	22,943	21,897	18,360	17,354	19,320	21,045	22,692	23,003	21,420	20,090	18,081	21,634	20,793	22,497	
1600	16,920	22,258	21,384	18,076	17,818	19,688	21,043	22,503	23,187	21,420	19,984	18,253	21,568	20,793	22,497	
1700	17,658	21,983	21,540	18,250	18,350	20,292	21,010	22,676	23,253	20,772	19,961	18,892	21,423	21,009	22,047	
1800	19,063	23,205	22,478	19,448	18,453	21,989	22,395	23,404	23,622	20,772	20,767	19,725	21,598	21,009	22,551	
1900	19,664	24,322	23,403	20,023	19,038	23,186	23,259	24,059	24,153	21,796	21,074	20,785	22,315	22,387	23,223	
2000	19,371	23,743	22,689	19,489	18,552	22,955	22,484	23,646	23,858	21,515	20,730	20,783	22,009	21,995	23,070	
2100	19,303	23,229	22,246	19,065	18,240	22,306	21,701	23,405	23,444	21,261	20,696	20,313	21,931	21,705	22,804	
2200	18,679	22,496	21,705	18,549	17,664	21,742	21,360	22,696	22,597	20,416	20,215	19,954	21,378	21,425	22,303	
2300	17,998	21,467	20,813	17,983	16,973	20,966	20,590	21,438	21,412	19,584	19,130	19,254	19,934	20,611	21,109	
2400	17,625	20,510	19,548	16,859	16,188	20,284	20,042	20,536	20,195	18,984	18,489	18,944	19,221	19,863	20,283	
T-1-1	007.705	F40.000	521,171	454.000		,										
Total	397,785	510,983														
	•	0.0,000	321,171	451,039	385,466	451,792	496,303	528,148	541,714	501,289	468,529	443,302	499,984	499,327	522,448	
	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday		Tuesday	Wednesday		Friday
Date															Thursday	
Date Hour	Thursday 1/16/2014	Friday 1/17/2014	Saturday 1/18/2014	Sunday 1/19/2014	Monday 1/20/2014	Tuesday 1/21/2014	Wednesday 1/22/2014	Thursday 1/23/2014	Fnday 1/24/2014	Saturday 1/25/2014	Sunday 1/26/2014	Monday 1/27/2014	Tuesday 1/28/2014	Wednesday 1/29/2014	Thursday 1/30/2014	1/31/20
Date Hour 100	Thursday 1/16/2014 19,764	Friday 1/17/2014 19,391	Saturday 1/18/2014 18,432	Sunday 1/19/2014 16,912	Monday 1/20/2014 18,777	Tuesday 1/21/2014 20,099	Wednesday 1/22/2014 21,718	Thursday 1/23/2014 21,486	Friday 1/24/2014 22,412	Saturday 1/25/2014 19,510	Sunday 1/26/2014 18,559	Monday 1/27/2014 19,239	Tuesday 1/28/2014 22,750	Wednesday 1/29/2014 22,886	Thursday 1/30/2014 21,806	1/31/20
Date Hour 100 200	Thursday 1/16/2014 19,764 19,446	Friday 1/17/2014 19,391 19,244	Saturday 1/18/2014 18,432 18,085	Sunday 1/19/2014 16,912 16,522	Monday 1/20/2014 18,777 18,259	Tuesday 1/21/2014 20,099 19,831	Wednesday 1/22/2014 21,718 21,299	Thursday 1/23/2014 21,486 21,152	Friday 1/24/2014 22,412 21,844	Saturday 1/25/2014 19,510 19,023	Sunday 1/26/2014 18,559 18,079	Monday 1/27/2014 19,239 19,103	Tuesday 1/28/2014 22,750 22,540	Wednesday 1/29/2014 22,886 22,584	Thursday 1/30/2014 21,806 21,477	1/31/20 20,80 20,14
Date Hour 100 200 300	Thursday 1/16/2014 19,764 19,446 19,461	Friday 1/17/2014 19,391 19,244 19,126	Saturday 1/18/2014 18,432 18,085 17,905	Sunday 1/19/2014 16,912 16,522 16,269	Monday 1/20/2014 18,777 18,259 18,020	Tuesday 1/21/2014 20,099 19,831 19,994	Wednesday 1/22/2014 21,718 21,299 21,383	Thursday 1/23/2014 21,486 21,152 21,123	Friday 1/24/2014 22,412 21,844 22,185	Saturday 1/25/2014 19,510 19,023 18,681	Sunday 1/26/2014 18,559 18,079 17,763	Monday 1/27/2014 19,239 19,103 19,170	Tuesday 1/28/2014 22,750 22,540 22,459	Wednesday 1/29/2014 22,886 22,584 22,340	Thursday 1/30/2014 21,806 21,477 21,208	1/31/20 20,80 20,14 19,79
Date Hour 100 200 300 400	Thursday 1/16/2014 19,764 19,446 19,461 19,441	Friday 1/17/2014 19,391 19,244 19,126 19,013	Saturday 1/18/2014 18,432 18,085 17,905 17,937	Sunday 1/19/2014 16,912 16,522 16,269 16,108	Monday 1/20/2014 18,777 18,259 18,020 17,793	Tuesday 1/21/2014 20,099 19,831 19,994 20,068	Wednesday 1/22/2014 21,718 21,299 21,383 21,353	Thursday 1/23/2014 21,486 21,152 21,123 20,777	Friday 1/24/2014 22,412 21,844 22,185 22,067	Saturday 1/25/2014 19,510 19,023 18,681 18,597	Sunday 1/26/2014 18,559 18,079 17,763 17,638	Monday 1/27/2014 19,239 19,103 19,170 19,195	Tuesday 1/28/2014 22,750 22,540 22,459 22,363	Wednesday 1/29/2014 22,886 22,584 22,340 22,162	Thursday 1/30/2014 21,806 21,477 21,208 20,913	1/31/20 20,80 20,14 19,79 19,49
Date Hour 100 200 300 400 500	Thursday 1/16/2014 19,764 19,446 19,461 19,441 19,795	Friday 1/17/2014 19,391 19,244 19,126 19,013 19,231	Saturday 1/18/2014 18,432 18,085 17,905 17,937 18,072	Sunday 1/19/2014 16,912 16,522 16,269 16,108 16,087	Monday 1/20/2014 18,777 18,259 18,020 17,793 18,010	Tuesday 1/21/2014 20,099 19,831 19,994 20,068 20,632	Wednesday 1/22/2014 21,718 21,299 21,383 21,353 21,663	Thursday 1/23/2014 21,486 21,152 21,123 20,777 20,935	Friday 1/24/2014 22,412 21,844 22,185 22,067 22,246	Saturday 1/25/2014 19,510 19,023 18,681 18,597 18,460	Sunday 1/26/2014 18,559 18,079 17,763 17,638 17,700	Monday 1/27/2014 19,239 19,103 19,170 19,195 19,998	Tuesday 1/28/2014 22,750 22,540 22,459 22,363 22,679	Wednesday 1/29/2014 22,886 22,584 22,340 22,162 22,600	Thursday 1/30/2014 21,806 21,477 21,208 20,913 21,237	1/31/20 20,80 20,14 19,79 19,49
Date Hour 100 200 300 400 500 600	Thursday 1/16/2014 19,764 19,446 19,461 19,441 19,795 20,721	Friday 1/17/2014 19,391 19,244 19,126 19,013 19,231 20,250	Saturday 1/18/2014 18,432 18,085 17,905 17,937 18,072 18,314	Sunday 1/19/2014 16,912 16,522 16,269 16,108 16,087 16,257	Monday 1/20/2014 18,777 18,259 18,020 17,793 18,010 18,560	Tuesday 1/21/2014 20,099 19,831 19,994 20,068 20,632 21,500	Wednesday 1/22/2014 21,718 21,299 21,383 21,353 21,663 22,140	Thursday 1/23/2014 21,486 21,152 21,123 20,777 20,935 21,719	Friday 1/24/2014 22,412 21,844 22,185 22,067 22,246 22,786	Saturday 1/25/2014 19,510 19,023 18,681 18,597 18,460 18,545	Sunday 1/26/2014 18,559 18,079 17,763 17,638 17,700 17,822	Monday 1/27/2014 19,239 19,103 19,170 19,195 19,998 21,126	Tuesday 1/28/2014 22,750 22,540 22,459 22,363 22,679 23,297	Wednesday 1/29/2014 22,886 22,584 22,340 22,162 22,600 23,237	Thursday 1/30/2014 21,806 21,477 21,208 20,913 21,237 22,034	1/31/20 20,80 20,14 19,79 19,49 19,72 20,44
Date Hour 100 200 300 400 500 600 700	Thursday 1/16/2014 19,764 19,446 19,451 19,441 19,795 20,721 22,489	Friday 1/17/2014 19,391 19,244 19,126 19,013 19,231 20,250 21,488	Saturday 1/18/2014 18,432 18,085 17,905 17,937 18,072 18,314 19,087	Sunday 1/19/2014 16,912 16,522 16,269 16,108 16,087 16,257 16,863	Monday 1/20/2014 18,777 18,259 18,020 17,793 18,010 18,560 19,539	Tuesday 1/21/2014 20,099 19,831 19,994 20,068 20,632 21,500 22,911	Wednesday 1/22/2014 21,718 21,299 21,383 21,353 21,663 22,140 23,425	Thursday 1/23/2014 21,486 21,152 21,123 20,777 20,935 21,719 23,213	Friday 1/24/2014 22,412 21,844 22,185 22,067 22,246 22,786 24,159	Saturday 1/25/2014 19,510 19,023 18,681 18,597 18,460 18,545 18,883	Sunday 1/26/2014 18,559 18,079 17,763 17,638 17,700 17,822 18,216	Monday 1/27/2014 19,239 19,103 19,170 19,195 19,998 21,126 22,582	Tuesday 1/28/2014 22,750 22,540 22,459 22,363 22,679 23,297 24,472	Wednesday 1/29/2014 22,886 22,584 22,162 22,600 23,237 24,548	Thursday 1/30/2014 21,806 21,477 21,208 20,913 21,237 22,034 23,684	1/31/20 20,80 20,14 19,79 19,49 19,72 20,44 21,98
Date Hour 100 200 300 400 500 600 700 800	Thursday 1/16/2014 19,764 19,446 19,451 19,441 19,795 20,721 22,489 23,997	Friday 1/17/2014 19,391 19,244 19,126 19,013 19,231 20,250 21,488 22,633	Saturday 1/18/2014 18,432 18,085 17,905 17,937 18,072 18,314 19,087 20,081	Sunday 1/19/2014 16,912 16,522 16,269 16,108 16,087 16,257 16,863 17,709	Monday 1/20/2014 18,777 18,259 18,020 17,793 18,010 18,560 19,539 21,265	Tuesday 1/21/2014 20,099 19,831 19,994 20,632 21,500 22,911 24,251	Wednesday 1/22/2014 21,718 21,299 21,383 21,663 21,663 22,140 23,425 24,740	Thursday 1/23/2014 21,486 21,152 21,123 20,777 20,935 21,719 23,213 25,056	Friday 1/24/2014 22,412 21,844 22,185 22,067 22,246 22,786 24,159 25,811	Saturday 1/25/2014 19,510 19,023 18,681 18,597 18,460 18,545 18,883 19,421	Sunday 1/26/2014 18,559 18,079 17,763 17,638 17,700 17,822 18,216 19,010	Monday 1/27/2014 19,239 19,103 19,170 19,195 19,998 21,126 22,582 23,946	Tuesday 1/28/2014 22,750 22,540 22,459 22,363 22,679 23,297 24,472 25,731	Wednesday 1/29/2014 22,886 22,584 22,340 22,162 22,600 23,237 24,548 26,042	Thursday 1/30/2014 21,806 21,477 21,208 20,913 21,237 22,034 23,684 25,194	1/31/20 20,80 20,14 19,79 19,49 19,72 20,44 21,98 23,36
Date Hour 100 200 300 400 500 600 700 800 900	Thursday 1/16/2014 19,764 19,446 19,461 19,795 20,721 22,489 23,997 23,644	Friday 1/17/2014 19,391 19,244 19,013 19,231 20,250 21,488 22,633 22,860	Saturday 1/18/2014 18,432 18,085 17,905 17,937 18,072 18,314 19,087 20,081 20,238	Sunday 1/19/2014 16,912 16,522 16,269 16,108 16,087 16,257 16,863 17,709 17,600	Monday 1/20/2014 18,777 18,259 18,020 17,793 18,010 18,560 19,539 21,265 21,382	Tuesday 1/21/2014 20,099 19,831 19,994 20,068 20,632 21,500 22,911 24,251 24,526	Wednesday 1/22/2014 21,718 21,299 21,383 21,353 21,663 22,140 23,425 24,740 24,931	Thursday 1/23/2014 21,486 21,152 21,123 20,777 20,935 21,719 23,213 25,056 25,017	Friday 1/24/2014 22,412 21,844 22,185 22,067 22,246 22,786 24,159 25,811 25,933	Saturday 1/25/2014 19,510 19,023 18,681 18,597 18,460 18,545 18,883 19,421 19,648	Sunday 1/26/2014 18,559 18,079 17,763 17,638 17,700 17,822 18,216 19,010 19,261	Monday 1/27/2014 19,239 19,103 19,170 19,195 19,998 21,126 22,582 23,946 24,192	Tuesday 1/28/2014 22,750 22,540 22,459 22,363 22,679 23,297 24,472 25,731 25,865	Wednesday 1/29/2014 22,886 22,584 22,340 22,162 22,600 23,237 24,548 26,042 26,043	Thursday 1/30/2014 21,806 21,477 21,208 20,913 21,237 22,034 23,684 25,194 24,825	1/31/20 20,80 20,14 19,79 19,44 19,72 20,44 21,98 23,36 23,08
Date Hour  100 200 300 400 500 600 700 800 900 1000	Thursday 1/16/2014 19,764 19,446 19,441 19,795 20,721 22,489 23,997 23,644 23,589	Friday 1/17/2014 19,391 19,244 19,126 19,013 19,231 20,250 21,488 22,633 22,860 22,919	Saturday 1/18/2014 18,432 18,085 17,905 17,937 18,072 18,314 19,087 20,081 20,238 20,342	Sunday 1/19/2014 16,912 16,522 16,269 16,108 16,087 16,257 16,863 17,709 17,600 18,137	Monday 1/20/2014 18,777 18,259 18,020 17,793 18,010 19,539 21,265 21,382 21,382	Tuesday 1/21/2014 20,099 19,831 19,994 20,688 20,632 21,500 22,911 24,251 24,252 24,299	Wednesday 1/22/2014 21,718 21,299 21,383 21,353 21,663 22,140 23,425 24,740 24,931 25,164	Thursday 1/23/2014 21,486 21,152 20,777 20,935 21,719 23,213 25,056 25,017 24,895	Friday 1/24/2014 22,412 21,844 22,185 22,067 22,246 24,159 25,811 25,933 25,969	Saturday 1/25/2014 19,510 19,023 18,681 18,597 18,460 18,545 18,883 19,421 19,648 20,062	Sunday 1/26/2014 18,559 18,079 17,763 17,638 17,700 17,822 18,216 19,010 19,261 19,658	Monday 1/27/2014 19,239 19,103 19,170 19,195 19,998 21,126 22,582 23,946 24,192 24,342	Tuesday 1/28/2014 22,750 22,540 22,459 23,267 23,297 24,472 25,731 25,865 25,999	Wednesday 1/29/2014 22,886 22,584 22,340 22,162 22,600 23,237 24,548 26,042 26,043 25,706	Thursday 1/30/2014 21,806 21,477 21,208 20,913 21,237 22,034 23,684 25,194 24,825 24,438	1/31/20 20,86 20,14 19,75 19,46 19,72 20,44 21,98 23,36 23,05
Date Hour  100 200 300 400 500 600 700 800 900 1100	Thursday 1/16/2014 19,764 19,461 19,461 19,795 20,721 22,489 23,997 23,644 23,589 23,848	Friday 1/17/2014 19,391 19,244 19,126 19,013 19,231 20,250 21,488 22,633 22,860 22,919 23,134	Saturday 1/18/2014 18,432 18,085 17,905 17,937 18,072 18,314 19,087 20,081 20,238 20,342 20,342	Sunday 1/19/2014 16,912 16,522 16,269 16,108 16,087 16,257 16,863 17,709 17,600 17,600 18,137 18,076	Monday 1/20/2014 18,777 18,259 18,020 17,793 18,010 19,539 21,265 21,382 21,957 22,359	Tuesday 1/21/2014 20,099 19,831 19,994 20,632 21,500 22,911 24,251 24,252 24,299 24,237	Wednesday 1/22/2014 21,718 21,299 21,383 21,663 22,140 23,425 24,740 24,931 25,164 25,173	Thursday 1/23/2014 21,486 21,152 21,123 20,777 20,935 21,719 23,213 25,056 25,017 24,895 24,713	Friday 1/24/2014 22,412 21,844 22,185 22,067 22,246 24,159 25,811 25,933 25,969 26,294	Saturday 1/25/2014 19,510 19,023 18,681 18,597 18,460 18,545 18,883 19,421 19,648 20,062 19,918	Sunday 1/26/2014 18,559 18,079 17,763 17,638 17,700 17,822 18,216 19,010 19,261 19,658 19,905	Monday 1/27/2014 19,239 19,103 19,170 19,195 19,998 21,126 22,582 23,946 24,192 24,342 24,595	Tuesday 1/28/2014 22,750 22,540 22,459 22,363 22,679 23,297 24,472 25,731 25,865 25,999 26,062	Wednesday 1/29/2014 22, 886 22, 584 22, 340 22, 162 22, 600 23, 237 24, 548 26, 042 25, 043 25, 706 25, 793	Thursday 1/30/2014 21,806 21,477 21,208 20,913 21,237 22,034 23,684 25,194 24,825 24,438 24,738	1/31/20 20,86 20,14 19,75 19,45 19,72 20,44 21,96 23,06 23,01 23,47
Date Hour  100 200 300 400 500 600 700 800 900 1000 1100 1200	Thursday 1/16/2014 19,764 19,446 19,461 19,795 20,721 22,489 23,997 23,644 23,589 23,848 23,795	Friday 1/17/2014 19,391 19,244 19,126 19,013 19,231 20,250 21,488 22,633 22,860 22,919 23,134 23,257	Saturday 1/18/2014 18,432 18,085 17,905 17,937 18,072 18,314 19,087 20,081 20,238 20,342 20,346 20,052	Sunday 1/19/2014 16,912 16,522 16,269 16,108 16,087 16,257 16,863 17,709 17,600 18,137 18,076	Monday 1/20/2014 18,777 18,259 18,020 17,793 18,010 18,560 19,539 21,265 21,382 21,957 22,359 22,359	Tuesday 1/21/2014 20,099 19,831 19,994 20,068 20,632 21,500 22,911 24,251 24,252 24,299 24,237 24,237	Wednesday 1/22/2014 21,718 21,299 21,383 21,353 21,663 22,140 23,425 24,740 24,931 25,164 25,173 25,022	Thursday 1/23/2014 21,486 21,152 21,123 20,777 20,935 21,719 23,213 25,056 25,017 24,895 24,713 24,488	Friday 1/24/2014 22,412 21,844 22,185 22,067 22,246 22,786 24,159 25,811 25,933 25,969 26,294 26,208	Saturday 1/25/2014 19,510 19,023 18,681 18,597 18,460 18,545 18,883 19,421 19,648 20,062 19,918 19,884	Sunday 1/26/2014 18,559 18,079 17,763 17,638 17,700 17,822 18,216 19,010 19,261 19,658 19,905 20,088	Monday 1/27/2014 19,239 19,103 19,170 19,195 19,998 21,126 22,582 23,946 24,192 24,342 24,342 24,595 24,665	Tuesday 1/28/2014 22,750 22,540 22,459 22,363 22,679 23,297 24,472 25,731 25,865 25,999 26,062 25,801	Wednesday 1/29/2014 22,686 22,584 22,340 22,162 22,600 23,237 24,548 26,042 26,043 25,706 25,793 25,598	Thursday 1/30/2014 21,806 21,477 21,208 20,913 21,237 22,034 23,684 25,194 24,825 24,438 24,738 24,738	1/31/20 20,80 20,14 19,75 19,48 19,77 20,44 21,98 23,36 23,05 23,17 23,47
Date Hour 100 200 300 400 500 600 700 800 900 1100 1200 1300	Thursday 1/16/2014 19,764 19,446 19,441 19,795 20,721 22,489 23,997 23,644 23,589 23,848 23,795 23,662	Friday 1/17/2014 19,391 19,244 19,126 19,013 19,231 20,250 21,488 22,633 22,860 22,919 23,134 23,257 22,848	Saturday 1/18/2014 18,432 18,085 17,905 17,937 18,072 18,314 19,087 20,081 20,238 20,342 20,346 20,052 19,559	Sunday 1/19/2014 16,912 16,522 16,269 16,108 16,087 16,257 16,863 17,709 17,600 18,137 18,076 18,205 18,130	Monday 1/20/2014 18,777 18,259 18,020 17,793 18,010 19,539 21,265 21,382 21,957 22,359 22,354 22,485	Tuesday 1/21/2014 20,099 19,831 19,994 20,068 20,632 21,500 22,911 24,251 24,526 24,299 24,237 24,21 24,106	Wednesday 1/22/2014 21,718 21,299 21,383 21,353 21,663 22,140 23,425 24,740 24,931 25,164 25,173 25,022 24,756	Thursday 1/23/2014 21,486 21,152 21,123 20,777 20,935 21,719 23,213 25,056 25,017 24,895 24,713 24,488 24,546	Friday 1/24/2014 22,412 21,844 22,185 22,067 22,246 24,159 25,811 25,933 25,969 26,294 26,208 25,728	Saturday 1/25/2014 19,510 19,023 18,681 18,597 18,460 18,545 18,883 19,421 19,648 20,062 19,918 19,884 19,615	Sunday 1/26/2014 18,559 18,079 17,763 17,638 17,700 17,822 18,216 19,010 19,261 19,658 19,905 20,088 19,954	Monday 1/27/2014 19,239 19,103 19,170 19,195 19,998 21,126 22,582 23,946 24,192 24,342 24,595 24,665 24,470	Tuesday 1/28/2014 22,750 22,540 22,459 22,363 22,679 23,297 24,472 25,731 25,865 25,999 26,062 25,801 25,523	Wednesday 1/29/2014 22,886 22,584 22,340 22,162 22,600 23,237 24,548 26,042 26,043 25,706 25,793 25,598 25,239	Thursday 1/30/2014 21,806 21,477 21,208 20,913 21,237 22,034 23,684 25,194 24,825 24,438 24,738 24,631 24,272	1/31/20 20,80 20,14 19,75 19,44 21,96 23,36 23,05 23,17 23,47 22,96 22,40
Date Hour 100 200 300 400 500 600 700 800 1000 1100 1200 1300 1400	Thursday 1/16/2014 19,764 19,446 19,461 19,491 20,721 22,489 23,997 23,644 23,589 23,898 23,898 23,795 23,662 23,544	Friday 1/17/2014 19,391 19,244 19,126 19,013 19,231 20,250 21,488 22,633 22,860 22,919 23,134 23,257 22,884 22,630	Saturday 1/18/2014 18,432 18,085 17,905 17,937 18,072 18,314 19,087 20,081 20,342 20,346 20,052 19,539 19,229	Sunday 1/19/2014 16,912 16,522 16,269 16,108 16,087 16,257 16,863 17,709 17,600 18,137 18,076 18,205 18,130 17,919	Monday 1/20/2014 18,777 18,259 18,020 17,793 18,010 18,560 19,539 21,265 21,382 21,957 22,359 22,334 22,485 22,223	Tuesday 1/21/2014 20,099 19,831 19,994 20,638 21,500 22,911 24,251 24,252 24,299 24,237 24,212 24,106 23,752	Wednesday 1/22/2014 21,718 21,299 21,383 21,353 21,663 22,140 23,425 24,740 24,931 25,164 25,173 25,022 24,756 24,709	Thursday 1/23/2014 21,486 21,152 21,123 20,777 20,935 21,719 23,213 25,056 25,017 24,895 24,713 24,488 24,546 24,104	Friday 1/24/2014 22,412 21,844 22,185 22,067 22,246 24,159 25,811 25,933 25,969 26,294 26,208 25,728 25,728 25,423	Saturday 1/25/2014 19,510 19,023 18,681 18,597 18,460 18,545 19,421 19,648 20,062 19,918 19,884 19,615 19,327	Sunday 1/26/2014 18,559 18,079 17,763 17,638 17,700 17,822 18,216 19,010 19,261 19,658 19,905 20,088 19,954 19,411	Monday 1/27/2014 19,239 19,103 19,170 19,195 19,998 21,126 22,582 23,946 24,192 24,342 24,595 24,665 24,470 24,532	Tuesday 1/28/2014 22,750 22,540 22,459 22,363 22,679 23,297 24,472 25,731 25,865 25,999 26,062 25,801 25,523 25,081	Wednesday 1/29/2014 22,886 22,584 22,340 22,162 22,600 23,237 24,548 26,042 26,043 25,706 25,703 25,598 26,239 25,239	Thursday 1/30/2014 21,806 21,477 21,208 20,913 21,237 22,034 23,684 25,194 24,825 24,438 24,738 24,631 24,272 24,261	1/31/20 20,80 20,14 19,73 19,44 19,72 20,44 21,98 23,30 23,01 23,17 22,44 22,24 22,18
Date Hour 100 200 300 400 500 600 900 1100 1200 1300 1400 1500 1500	Thursday 1/16/2014 19,764 19,461 19,461 19,441 19,795 20,721 22,489 23,997 23,644 23,589 23,848 23,795 23,664 23,544 22,988	Friday 1/17/2014 19,391 19,244 19,126 19,013 19,231 20,250 21,488 22,633 22,860 22,919 23,134 23,257 22,884 22,630 22,255	Saturday 1/18/2014 18,432 18,085 17,905 17,937 18,072 18,314 19,087 20,081 20,238 20,342 20,342 20,346 20,052 19,539 19,229 18,863	Sunday 1/19/2014 16,912 16,522 16,269 16,108 16,087 16,257 16,863 17,709 17,600 18,137 18,076 18,205 18,130 17,919	Monday 1/20/2014 18,777 18,259 18,020 17,793 18,010 19,539 21,265 21,382 21,957 22,359 22,334 22,485 22,223 21,580	Tuesday 1/21/2014 20,099 19,831 19,994 20,632 21,500 22,911 24,251 24,252 24,299 24,237 24,221 24,106 23,752 23,348	Wednesday 1/22/2014 21,718 21,299 21,383 21,353 21,663 22,140 23,425 24,740 24,931 25,164 25,173 25,022 24,759 24,709 24,308	Thursday 1/23/2014 21,486 21,152 21,123 20,777 20,935 21,719 23,213 25,056 25,017 24,895 24,713 24,488 24,546 24,104 23,695	Friday 1/24/2014 22,412 21,844 22,185 22,067 22,246 24,159 25,811 25,933 25,969 26,294 26,208 25,728 25,423 25,021	Saturday 1/25/2014 19,510 19,023 18,681 18,597 18,460 18,545 18,883 19,421 19,648 20,062 19,918 19,818 19,815 19,615 19,327	Sunday 1/26/2014 18,559 18,079 17,763 17,638 17,700 17,822 18,216 19,010 19,261 19,658 19,905 20,088 19,954 19,411	Monday 1/27/2014 19,239 19,103 19,170 19,195 19,998 21,126 22,582 23,946 24,192 24,342 24,595 24,665 24,470 24,532 23,932	Tuesday 1/28/2014 22,750 22,540 22,459 22,363 22,679 23,297 24,472 25,731 25,865 25,999 26,062 25,801 25,523 26,081 24,738	Wednesday 1/29/2014 22,886 22,584 22,340 22,162 22,600 23,237 24,548 26,042 25,043 25,706 25,793 25,598 25,239 26,210 24,453	Thursday 1/30/2014 21,806 21,477 21,208 20,913 21,237 22,034 23,684 25,194 24,825 24,438 24,738 24,631 24,272 24,261 23,525	1/31/20 20,86 20,14 19,75 19,46 19,77 20,44 21,96 23,36 23,07 23,41 22,96 22,44 22,11 22,01
Date Hour 100 200 300 400 500 600 700 800 1000 1100 1200 1300 1400 1500 1600 1600	Thursday 1/16/2014 19,764 19,446 19,461 19,441 19,795 20,721 22,489 23,997 23,644 23,589 23,848 23,795 23,662 23,544 22,988 22,481	Friday 1/17/2014 19,391 19,244 19,126 19,013 19,231 20,250 21,488 22,633 22,860 22,919 23,134 23,257 22,884 22,633 22,255 21,599	Saturday 1/18/2014 18,432 18,085 17,905 17,937 18,072 18,314 19,087 20,081 20,238 20,342 20,342 20,346 20,052 19,539 19,229 18,863 18,956	Sunday 1/19/2014 16,912 16,522 16,269 16,108 16,087 16,257 16,863 17,709 17,600 18,137 18,076 18,205 18,130 17,919 17,763	Monday 1/20/2014 18,777 18,259 18,020 17,793 18,010 18,560 19,539 21,265 21,382 21,957 22,359 22,334 22,485 22,223 21,580 21,580 21,410	Tuesday 1/21/2014 20,099 19,831 19,994 20,068 20,632 21,500 22,911 24,251 24,526 24,299 24,237 24,221 24,106 23,752 23,348 23,069	Wednesday 1/22/2014 21,718 21,299 21,383 21,353 21,663 22,140 23,425 24,740 24,931 25,164 25,173 25,022 24,756 24,709 24,308 23,951	Thursday 1/23/2014 21,486 21,152 21,123 20,777 20,935 21,719 23,213 25,056 25,017 24,895 24,713 24,488 24,546 24,104 23,695 23,025	Friday 1/24/2014 22,412 21,844 22,185 22,067 22,246 22,786 24,159 25,811 25,933 25,969 26,294 26,208 25,728 25,423 25,423 25,423 25,423 25,423 24,664	Saturday 1/25/2014 19,510 19,023 18,681 18,597 18,460 18,545 19,421 19,648 20,062 19,918 19,884 19,615 19,327 19,234 19,411	Sunday 1/26/2014 18,559 18,079 17,763 17,638 17,700 17,822 18,216 19,010 19,261 19,658 19,905 20,088 19,954 19,411 19,664 19,294	Monday 1/27/2014 19,239 19,103 19,170 19,195 19,998 21,126 22,582 23,946 24,192 24,342 24,595 24,665 24,470 24,532 23,932 23,932	Tuesday 1/28/2014 22,750 22,540 22,459 22,363 22,679 23,297 24,472 25,731 25,865 25,999 26,062 25,801 25,523 25,081 24,738 24,325	Wednesday 1/29/2014 22,686 22,584 22,340 22,162 22,600 23,237 24,548 26,042 26,043 25,706 25,793 25,598 25,239 25,210 24,453 23,708	Thursday 1/30/2014 21,806 21,477 21,208 20,913 21,237 22,034 23,684 25,194 24,825 24,438 24,738 24,738 24,631 24,272 24,261 23,525 23,215	1/31/20 20,84 20,14 19,75 19,44 21,94 23,36 23,05 23,17 23,44 22,94 22,14 22,05 21,44
Date Hour 100 200 300 400 500 600 700 800 1000 1100 1200 1300 1400 1500 1600 1700 1700	Thursday 1/16/2014 19,764 19,446 19,441 19,795 20,721 22,489 23,997 23,644 23,589 23,848 23,795 23,662 23,544 22,988 22,481 22,291	Friday 1/17/2014 19,391 19,244 19,126 19,013 19,231 20,250 21,488 22,633 22,860 22,919 23,134 23,257 22,884 22,630 22,255 21,599 21,512	Saturday 1/18/2014 18,432 18,085 17,905 17,937 18,072 18,314 19,087 20,081 20,238 20,342 20,346 20,052 19,539 19,229 18,863 18,863 18,956 19,045	Sunday 1/19/2014 16,912 16,522 16,269 16,108 16,087 16,257 16,863 17,709 17,600 18,137 18,076 18,205 18,130 17,919 17,763 17,763 18,371	Monday 1/20/2014 18,777 18,259 18,020 17,793 18,010 19,539 21,265 21,382 21,957 22,359 22,334 22,485 22,223 21,580 21,410 21,314	Tuesday 1/21/2014 20,099 19,831 19,994 20,688 20,632 21,500 22,911 24,251 24,252 24,299 24,237 24,210 23,752 23,348 23,069 23,194	Wednesday 1/22/2014 21,718 21,299 21,383 21,353 21,663 22,140 23,425 24,740 24,931 25,164 25,173 25,022 24,756 24,709 24,308 24,308 24,305	Thursday 1/23/2014 21,486 21,152 20,777 20,935 21,719 23,213 25,056 25,017 24,895 24,713 24,488 24,546 24,104 23,695 23,197	Friday 1/24/2014 22,412 21,844 22,185 22,067 22,246 24,159 25,811 25,933 25,969 26,294 26,208 25,728 25,423 25,021 24,664 24,662	Saturday 1/25/2014 19,510 19,023 18,681 18,597 18,460 18,545 19,421 19,648 20,062 19,918 19,818 19,819 19,615 19,327 19,234 19,411	Sunday 1/26/2014 18,559 18,079 17,763 17,638 17,700 17,822 18,216 19,010 19,261 19,658 19,905 20,088 19,954 19,411 19,064 19,954 19,411	Monday 1/27/2014 19,239 19,103 19,170 19,195 19,998 21,126 22,582 23,946 24,192 24,342 24,595 24,655 24,670 24,532 23,932 23,430 23,482	Tuesday 1/28/2014 22,750 22,540 22,459 22,363 22,679 23,297 24,472 25,731 25,865 25,999 26,062 25,801 24,738 24,325 24,188	Wednesday 1/29/2014 22,686 22,584 22,340 22,162 22,600 32,237 24,548 26,042 26,043 25,706 25,793 25,598 25,239 25,210 24,453 23,708 23,858	Thursday 1/30/2014 21,806 21,477 21,208 20,913 21,237 22,034 23,684 25,194 24,825 24,438 24,738 24,631 24,272 24,261 23,525 23,215 23,084	1/31/20 20,86 20,1- 19,74 19,4; 20,4- 21,9 23,3; 23,0; 23,1- 23,4- 22,9; 22,4- 22,1; 22,0,2- 21,4- 21,3
Date Hour 100 200 300 400 500 600 700 800 1000 1100 1200 1300 1500 1600 1700 1700 1800	Thursday 1/16/2014 19,764 19,461 19,461 19,441 19,795 20,721 22,489 23,997 23,644 23,589 23,848 23,795 23,644 22,988 22,481 22,988	Friday 1/17/2014 19,391 19,244 19,126 19,013 19,231 20,250 21,488 22,633 22,860 22,919 23,134 23,257 22,884 22,630 22,255 21,599 21,512 21,975	Saturday 1/18/2014 18,432 18,085 17,905 17,937 18,072 18,314 19,087 20,081 20,238 20,342 20,346 20,052 19,539 19,229 18,863 18,956 19,045 19,911	Sunday 1/19/2014 16,912 16,522 16,269 16,108 16,087 16,257 16,863 17,709 17,600 18,137 18,076 18,205 18,130 17,919 17,763 17,979 17,763 17,872 18,371 19,147	Monday 1/20/2014 18,777 18,259 18,020 17,793 18,010 19,539 21,265 21,382 21,957 22,359 22,334 22,485 22,223 21,580 21,410 21,314 22,273	Tuesday 1/21/2014 20,099 19,831 19,994 20,632 21,500 22,911 24,251 24,526 24,299 24,237 24,221 24,106 23,752 23,348 23,069 23,194 23,438	Wednesday 1/22/2014 21,718 21,299 21,383 21,663 22,140 23,425 24,740 24,931 25,164 25,173 25,022 24,756 24,709 24,308 23,951 24,055 24,055 24,363	Thursday 1/23/2014 21,486 21,152 21,123 20,777 20,935 21,719 23,213 25,056 25,017 24,895 24,713 24,488 24,546 24,104 23,695 23,197 23,872	Friday 1/24/2014 22,412 21,844 22,185 22,067 22,246 24,159 25,811 25,933 25,969 26,294 26,208 25,728 25,423 25,021 24,664 24,562 24,780	Saturday 1/25/2014 19,510 19,023 18,681 18,597 18,460 18,545 18,883 19,421 19,648 20,062 19,918 19,884 19,615 19,327 19,327 19,234 19,411 19,433 20,504	Sunday 1/26/2014 18,559 18,079 17,763 17,638 17,700 17,822 18,216 19,010 19,261 19,658 19,905 20,088 19,954 19,411 19,064 19,294	Monday 1/27/2014 19,239 19,103 19,170 19,195 19,998 21,126 22,582 23,946 24,192 24,342 24,595 24,665 24,470 24,532 23,932 23,430 23,482 24,145	Tuesday 1/28/2014 22,750 22,540 22,459 22,363 22,679 23,297 24,472 25,731 25,865 25,999 26,062 25,801 25,523 24,738 24,325 24,188 24,421	Wednesday 1/29/2014 22,886 22,584 22,340 22,162 22,600 23,237 24,548 26,042 26,043 25,706 25,793 25,598 25,239 25,210 24,453 23,708 23,858 24,030	Thursday 1/30/2014 21,806 21,477 21,208 20,913 21,237 22,034 23,684 25,194 24,825 24,438 24,738 24,631 24,272 24,261 23,525 23,215 23,084 23,295	1/31/20 20,86 20,1- 19,75 19,44 19,75 20,4- 21,96 23,36 23,06 23,1- 23,4- 22,9- 22,4- 22,1- 22,0- 21,4- 21,3
Date Hour 100 200 300 400 500 600 700 800 1200 1300 1400 1500 1600 1700 1800 1900 1900 1900	Thursday 1/16/2014 19,764 19,461 19,461 19,795 20,721 22,489 23,997 23,644 23,589 23,848 23,795 23,662 23,544 22,988 22,481 22,993 22,993 22,903 23,532	Friday 1/17/2014 19,391 19,244 19,126 19,013 19,231 20,250 21,488 22,633 22,860 22,919 23,134 23,257 22,884 22,630 22,255 21,599 21,512 21,975 22,791	Saturday 1/18/2014 18,432 18,085 17,905 17,937 18,072 18,314 19,087 20,081 20,238 20,342 20,342 20,346 20,052 19,539 19,229 18,863 18,956 19,941 120,587	Sunday 1/19/2014 16,912 16,522 16,269 16,108 16,087 16,257 16,863 17,709 17,600 18,137 18,076 18,205 18,130 17,919 17,763 17,763 17,872 18,371 19,147 20,120	Monday 1/20/2014 18,777 18,259 18,020 17,793 18,010 18,560 19,539 21,265 21,382 21,957 22,359 22,334 22,485 22,223 21,580 21,410 21,314 21,314 21,314	Tuesday 1/21/2014 20,099 19,831 19,994 20,632 21,500 22,911 24,251 24,252 24,297 24,237 24,221 24,106 23,752 23,348 23,069 23,194 24,978	Wednesday 1/22/2014 21,718 21,299 21,383 21,353 21,663 22,140 23,425 24,740 24,931 25,164 25,173 25,022 24,756 24,709 24,308 23,951 24,055 24,363 25,245	Thursday 1/23/2014 21,486 21,152 21,123 20,777 20,935 21,719 23,213 25,056 25,017 24,895 24,713 24,488 24,546 24,104 23,695 23,025 23,197 23,872 25,169	Friday 1/24/2014 22,412 21,844 22,185 22,067 22,246 24,159 25,811 25,933 25,969 26,294 26,208 25,728 25,423 25,021 24,664 24,780 25,655	Saturday 1/25/2014 19,510 19,023 18,681 18,597 18,460 18,545 18,883 19,421 19,648 20,062 19,918 19,816 19,615 19,327 19,234 19,411 19,433 20,504 21,699	Sunday 1/26/2014 18,559 18,079 17,763 17,638 17,700 17,822 18,216 19,010 19,261 19,905 20,088 19,954 19,411 11,9064 19,294 19,767 20,248 21,231	Monday 1/27/2014 19,239 19,103 19,170 19,195 19,998 21,126 22,582 23,946 24,192 24,342 24,595 24,665 24,470 24,532 23,932 23,430 23,482 24,145 25,859	Tuesday 1/28/2014 22,750 22,540 22,459 22,363 22,679 23,297 24,472 25,731 25,865 25,999 26,062 25,801 25,523 25,081 24,738 24,738 24,325 24,188 24,421 25,875	Wednesday 1/29/2014 22,686 22,584 22,340 22,162 22,600 23,237 24,548 26,042 26,043 25,706 25,793 25,598 25,239 25,210 24,453 23,708 23,858 24,030 25,251	Thursday 1/30/2014 21,806 21,477 21,208 20,913 21,237 22,034 23,684 25,194 24,825 24,438 24,631 24,272 24,261 23,525 23,215 23,084 23,295 24,369	1/31/20 20,8 20,1 19,7 19,4 19,7 20,4 21,9 23,0 23,1 23,4 22,9 22,4 22,1 21,3 21,6 21,3
200 200 200 200 200 200 200 200 200 200	Thursday 1/16/2014 19,764 19,446 19,441 19,795 20,721 22,489 23,997 23,644 23,589 23,848 23,795 23,662 23,544 22,988 22,481 22,991 22,903 23,532 23,079	Friday 1/17/2014 19,391 19,244 19,126 19,013 19,231 20,250 21,488 22,633 22,860 22,919 23,134 23,257 22,884 22,630 22,255 21,599 21,512 21,975 22,791 22,873	Saturday 1/18/2014 18,432 18,085 17,905 17,937 18,072 18,314 19,087 20,081 20,342 20,346 20,052 19,539 19,229 18,863 18,956 19,045 19,911 20,587 20,534	Sunday 1/19/2014 16,912 16,522 16,269 16,108 16,087 16,257 16,863 17,709 17,600 18,137 18,076 18,205 17,763 17,763 17,763 18,205 18,130 17,919 17,763 17,763 18,301 17,919 17,763 18,301 17,919 17,763 18,301 17,919 17,763 18,301 17,919 19,147	Monday 1/20/2014 18,777 18,259 18,020 17,793 18,010 19,539 21,265 21,382 21,957 22,359 22,334 22,485 22,223 21,580 21,410 21,314 22,273 30,82 22,908	Tuesday 1/21/2014 20,099 19,831 19,994 20,688 20,632 21,500 22,911 24,251 24,252 24,299 24,237 24,21 24,106 23,752 23,348 23,069 23,194 23,438 24,978 24,978	Wednesday 1/22/2014 21,718 21,299 21,383 21,353 21,663 22,140 23,425 24,740 24,931 25,164 25,173 25,022 24,756 24,709 24,308 23,951 24,055 24,363 24,363	Thursday 1/23/2014 21,486 21,152 21,123 20,777 20,935 21,719 23,213 25,056 25,017 24,895 24,713 24,488 24,546 24,104 23,695 23,197 23,872 23,197 23,872 25,169 25,169	Friday 1/24/2014 22,412 21,844 22,185 22,067 22,246 24,159 25,811 25,933 25,969 26,294 26,208 25,728 25,423 25,021 24,664 24,780 26,655 25,160	Saturday 1/25/2014 19,510 19,023 18,681 18,597 18,460 18,545 18,883 19,421 19,648 20,062 19,918 19,884 19,615 19,327 19,234 19,411 19,433 20,504 21,699 21,401	Sunday 1/26/2014 18,559 18,079 17,763 17,638 17,700 17,822 18,216 19,010 19,261 19,658 19,905 20,088 19,954 19,411 19,064 19,294 19,767 20,248 21,231 21,139	Monday 1/27/2014 19,239 19,103 19,170 19,195 19,998 21,126 22,582 23,946 24,192 24,342 24,595 24,685 24,685 24,670 24,532 23,932 23,932 24,470 24,595 24,685 24,685 24,470 24,532 23,932 23,932 23,932 23,932 24,470 24,585 24,585 24,685 24,470 24,585 25,833	Tuesday 1/28/2014 22,750 22,540 22,459 22,363 22,679 23,297 24,472 25,731 25,865 25,999 26,062 25,801 24,738 24,425 24,188 24,421 25,875 25,846	Wednesday 1/29/2014 22,886 22,584 22,340 22,162 22,600 23,237 24,548 26,042 26,043 25,706 25,793 25,598 25,239 25,210 24,453 23,708 23,858 24,030 25,251 25,142	Thursday 1/30/2014 21,806 21,477 21,208 20,913 21,237 22,034 23,684 25,194 24,825 24,438 24,738 24,631 24,272 24,261 23,525 23,215 23,084 23,295 24,369 24,085	1/31/20 20,8 20,1 19,7 19,7 19,7 20,4 21,9 23,3 23,0 23,1 22,4 22,4 22,1 22,0 21,4 21,3 21,6 22,3 21,3 21,6 22,3
Date Hour 100 200 300 400 500 600 700 800 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100	Thursday 1/16/2014 19,764 19,446 19,441 19,795 20,721 22,489 23,997 23,644 23,589 23,848 23,795 23,662 23,544 22,991 22,291 22,903 23,532 23,532 23,532 23,532 23,532 23,532 22,731	Friday 1/17/2014 19,391 19,244 19,126 19,013 19,231 20,250 21,488 22,633 22,860 22,919 23,134 23,257 22,884 22,630 22,255 21,599 21,512 21,975 22,791 22,791 22,791 22,873 22,562	Saturday 1/18/2014 18,432 18,085 17,905 17,937 18,072 18,314 19,087 20,081 20,342 20,346 20,052 19,539 19,229 18,863 18,956 19,045 19,911 20,587 20,534 20,534 20,534	Sunday 1/19/2014 16,912 16,522 16,269 16,108 16,087 16,257 16,863 17,709 17,600 18,137 18,076 18,205 18,130 17,919 17,763 17,763 17,872 18,371 19,147 20,120 19,945 19,619	Monday 1/20/2014 18,777 18,259 18,020 17,793 18,010 18,560 19,539 21,265 21,382 21,957 22,359 22,334 22,485 22,223 21,580 21,410 21,314 22,273 23,082 22,908 22,490	Tuesday 1/21/2014 20,099 19,831 19,994 20,632 21,500 22,911 24,251 24,299 24,237 24,221 24,106 23,752 23,348 23,069 23,194 23,438 24,978 24,932 24,932 24,932 24,932	Wednesday 1/22/2014 21,718 21,299 21,383 21,663 21,1663 22,140 23,425 24,740 24,931 25,164 25,173 25,022 24,756 24,709 24,308 23,951 24,055 24,363 25,245 24,830 24,444	Thursday 1/23/2014 21,486 21,152 20,777 20,935 21,719 23,213 25,056 25,017 24,895 24,713 24,488 24,546 24,104 23,695 23,197 23,872 25,169 25,169 25,255 24,737	Friday 1/24/2014 22,412 21,844 22,185 22,067 22,246 24,159 25,811 25,933 25,969 26,294 26,208 25,728 25,423 25,021 24,664 24,562 24,780 25,655 24,151	Saturday 1/25/2014 19,510 19,023 18,681 18,597 18,460 18,545 18,883 19,421 19,648 20,062 19,918 19,884 19,615 19,327 19,234 19,411 19,413 20,504 21,699 21,401 21,042	Sunday 1/26/2014 18,559 18,079 17,763 17,638 17,700 17,822 18,216 19,010 19,261 19,658 19,905 20,088 19,954 19,411 19,064 19,294 19,767 20,248 21,231 21,139 20,330	Monday 1/27/2014 19,239 19,103 19,170 19,195 19,998 21,126 22,582 23,946 24,192 24,342 24,595 24,665 24,470 24,532 23,932 23,430 23,482 24,145 25,859 25,933 25,643	Tuesday 1/28/2014 22,750 22,540 22,459 22,363 22,679 23,297 24,472 25,731 25,865 25,999 26,062 25,801 25,523 25,081 24,738 24,325 24,188 24,421 25,875 25,846 25,595	Wednesday 1/29/2014 22,886 22,584 22,340 22,162 22,600 23,237 24,548 26,042 26,043 25,706 25,793 25,598 25,239 25,210 24,453 23,708 23,858 24,030 25,251 25,142 24,927	Thursday 1/30/2014 21,806 21,477 21,208 20,913 21,237 22,034 23,684 25,194 24,825 24,438 24,738 24,631 24,272 24,281 23,525 23,215 23,084 23,295 24,369 24,085 23,868	1/31/20 20,8 20,1 19,7 19,4 19,7 20,4 21,9 23,3 23,0 23,1 22,4 22,1 22,0 21,4 21,3 21,6 22,3 22,1 21,6 22,3 22,1 21,7
Date Hour 100 200 300 400 500 600 700 800 1100 1200 1300 1400 1500 1600 1700 1800 2000 2200 2200	Thursday 1/16/2014 19,764 19,461 19,461 19,441 19,795 20,721 22,489 23,997 23,644 23,589 23,848 23,795 23,644 22,988 22,481 22,291 22,903 23,532 23,079 22,774 21,983	Friday 1/17/2014 19,391 19,244 19,126 19,013 19,231 20,250 21,488 22,633 22,860 22,919 23,134 23,257 22,884 22,630 22,255 21,599 21,512 21,975 22,791 22,873 22,873	Saturday 1/18/2014 18,432 18,085 17,905 17,937 18,072 18,314 19,087 20,238 20,342 20,346 20,052 19,539 19,229 18,863 18,956 19,045 19,941 20,587 20,534 20,104	Sunday 1/19/2014 16,912 16,522 16,269 16,108 16,087 16,257 16,863 17,709 17,600 18,137 18,076 18,205 18,130 17,919 17,763 17,872 18,371 19,147 20,120 19,945 19,619 19,619	Monday 1/20/2014 18,777 18,259 18,020 17,793 18,010 19,539 21,265 21,382 21,359 22,359 22,334 22,485 22,223 21,580 21,410 21,314 22,273 23,082 22,908 22,490 21,939	Tuesday 1/21/2014 20,099 19,831 19,994 20,632 21,500 22,911 24,251 24,526 24,299 24,237 24,221 24,106 23,752 23,348 23,069 23,194 23,438 24,978 24,978 24,978 24,978 24,978 24,978	Wednesday 1/22/2014 21,718 21,299 21,383 21,663 22,140 23,425 24,740 24,931 25,164 25,173 25,022 24,756 24,709 24,308 23,951 24,055 24,363 25,245 24,830 24,444 23,826	Thursday 1/23/2014 21,486 21,152 21,123 20,777 20,935 21,719 23,213 25,056 25,017 24,895 24,713 24,488 24,546 24,104 23,695 23,025 23,197 23,872 25,169 25,225 24,737 24,125	Friday 1/24/2014 22,412 21,844 22,185 22,067 22,246 22,786 24,159 25,811 25,933 25,969 26,294 26,208 25,728 25,423 25,021 24,664 24,562 24,780 25,655 25,160 24,513 23,595	Saturday 1/25/2014 19,510 19,023 18,681 18,597 18,460 18,545 18,883 19,421 19,648 20,062 19,918 19,884 19,615 19,327 19,234 19,411 19,433 20,504 21,699 21,401	Sunday 1/26/2014 18,559 18,079 17,763 17,638 17,700 17,822 18,216 19,010 19,261 19,955 20,088 19,955 20,088 19,954 19,411 19,064 19,294 19,767 20,248 21,231 21,139 20,330 19,826	Monday 1/27/2014 19, 239 19, 103 19, 170 19, 195 19, 998 21, 126 22, 582 23, 946 24, 192 24, 342 24, 595 24, 685 24, 470 24, 532 23, 932 23, 430 23, 482 24, 145 25, 859 25, 933 25, 643 24, 902	Tuesday 1/28/2014 22,750 22,540 22,459 22,363 22,679 23,297 24,472 25,731 25,865 25,999 26,062 25,801 25,523 24,325 24,188 24,421 25,875 25,846 24,421 25,875 24,884	Wednesday 1/29/2014 22,886 22,584 22,340 22,162 22,600 23,237 24,548 26,042 25,043 25,706 25,793 25,598 25,239 26,210 24,453 23,708 23,858 24,030 25,251 25,142 24,927 24,038	Thursday 1/30/2014 21,806 21,477 21,208 20,913 21,237 22,034 23,684 25,194 24,825 24,438 24,738 24,631 24,272 24,261 23,525 23,215 23,084 23,295 24,369 24,085 23,868 23,291	1/31/20 20,8 20,1 19,7 19,4 19,7 20,4 21,9 23,1 23,1 22,9 22,4 22,1 21,3 21,3 21,4 22,1 21,3 21,3 21,4 21,3 21,4 21,3 21,4 21,3 21,4 21,3 21,4 21,3 21,4 21,4 21,4 21,4 21,4 21,4 21,4 21,4
Date Hour 100 200 300 400 500 600 700 800 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100	Thursday 1/16/2014 19,764 19,446 19,441 19,795 20,721 22,489 23,997 23,644 23,589 23,848 23,795 23,662 23,544 22,991 22,291 22,903 23,532 23,532 23,532 23,532 23,532 23,532 22,731	Friday 1/17/2014 19,391 19,244 19,126 19,013 19,231 20,250 21,488 22,633 22,860 22,919 23,134 23,257 22,884 22,630 22,255 21,599 21,512 21,975 22,791 22,791 22,791 22,873 22,562	Saturday 1/18/2014 18,432 18,085 17,905 17,937 18,072 18,314 19,087 20,081 20,342 20,346 20,052 19,539 19,229 18,863 18,956 19,045 19,911 20,587 20,534 20,534 20,534	Sunday 1/19/2014 16,912 16,522 16,269 16,108 16,087 16,257 16,863 17,709 17,600 18,137 18,076 18,205 18,130 17,919 17,763 17,763 17,872 18,371 19,147 20,120 19,945 19,619	Monday 1/20/2014 18,777 18,259 18,020 17,793 18,010 18,560 19,539 21,265 21,382 21,957 22,359 22,334 22,485 22,223 21,580 21,410 21,314 22,273 23,082 22,908 22,490	Tuesday 1/21/2014 20,099 19,831 19,994 20,632 21,500 22,911 24,251 24,299 24,237 24,221 24,106 23,752 23,348 23,069 23,194 23,438 24,978 24,932 24,932 24,932 24,932	Wednesday 1/22/2014 21,718 21,299 21,383 21,663 21,1663 22,140 23,425 24,740 24,931 25,164 25,173 25,022 24,756 24,709 24,308 23,951 24,055 24,363 25,245 24,830 24,444	Thursday 1/23/2014 21,486 21,152 20,777 20,935 21,719 23,213 25,056 25,017 24,895 24,713 24,488 24,546 24,104 23,695 23,197 23,872 25,169 25,169 25,255 24,737	Friday 1/24/2014 22,412 21,844 22,185 22,067 22,246 22,786 24,159 25,811 25,933 25,969 26,294 26,208 25,728 25,423 25,021 24,664 24,562 24,780 25,655 26,160 24,513 23,595 22,244	Saturday 1/25/2014 19,510 19,023 18,681 18,597 18,460 18,545 18,883 19,421 19,648 20,062 19,918 19,884 19,615 19,327 19,234 19,411 19,433 20,504 21,699 21,401 21,042 20,673 20,071	Sunday 1/26/2014 18,559 18,079 17,763 17,638 17,700 17,822 18,216 19,010 19,261 19,658 19,905 20,088 19,954 19,411 19,064 19,294 19,767 20,248 21,231 21,139 20,330 19,826 19,240	Monday 1/27/2014 19,239 19,103 19,170 19,195 19,998 21,126 22,582 23,946 24,192 24,342 24,595 24,665 24,470 24,532 23,932 23,430 23,482 24,145 25,859 25,859 25,833 25,643 24,902 24,006	Tuesday 1/28/2014 22,750 22,540 22,459 22,363 22,679 23,297 24,472 25,731 25,865 25,999 26,062 25,801 25,523 25,081 24,738 24,738 24,325 24,188 24,421 25,875 25,875 25,846 25,595 24,884 23,837	Wednesday 1/29/2014 22,886 22,584 22,340 22,162 22,600 23,237 24,548 26,043 25,706 25,793 25,598 25,239 26,210 24,453 23,708 23,858 24,030 25,251 25,142 24,927 24,038 22,872	Thursday 1/30/2014 21,806 21,477 21,208 20,913 21,237 22,034 23,684 25,194 24,825 24,438 24,738 24,631 24,272 24,261 23,525 23,215 23,084 23,295 24,389 24,085 23,868 23,291 22,052	1/31/2C 20,8 20,1 19,7 19,4 19,7 20,4 21,9 23,3 23,1 23,4 22,9 22,4 22,1 21,3 21,6 22,3 21,7 21,7 21,7 21,7 21,3 20,2
Date Hour 100 200 300 400 500 600 700 800 900 1100 1200 1300 1400 1500 1600 1700 2000 2000 2300 2400	Thursday 1/16/2014 19,764 19,446 19,441 19,795 20,721 22,489 23,997 23,644 23,589 23,848 23,795 23,662 23,544 22,988 22,481 22,291 22,903 23,532 23,079 22,774 21,983 20,980 20,029	Friday 1/17/2014 19,391 19,244 19,126 19,013 19,231 20,250 21,488 22,633 22,860 22,919 23,134 23,257 22,884 22,630 22,255 21,599 21,599 21,512 21,975 22,791 22,873 22,562 22,094 21,259 19,581	Saturday 1/18/2014 18,432 18,085 17,905 17,937 18,072 18,314 19,087 20,081 20,342 20,346 20,052 19,539 19,229 18,863 18,956 19,045 19,911 20,587 20,534 20,104 19,614 18,439 17,394	Sunday 1/19/2014 16,912 16,522 16,269 16,108 16,087 16,863 17,709 17,600 18,137 18,076 18,205 18,130 17,763 17,763 17,763 17,763 17,872 18,371 19,147 20,120 19,945 19,619 19,343 19,056 19,065	Monday 1/20/2014 18,777 18,259 18,020 17,793 18,010 18,560 19,539 21,265 21,382 21,957 22,359 22,334 22,485 22,223 21,580 21,410 21,314 22,273 23,082 2,908 22,490 21,939 20,829 20,253	Tuesday 1/21/2014 20,099 19,831 19,994 20,068 20,632 21,500 22,911 24,251 24,252 24,299 24,237 24,221 24,106 23,752 23,348 23,069 23,194 23,438 24,978 24,932 24,566 24,055 22,739 22,017	Wednesday 1/22/2014 21,718 21,299 21,383 21,353 21,663 22,140 23,425 24,740 24,931 25,164 25,173 25,022 24,756 24,709 24,308 23,951 24,055 24,363 25,245 24,830 25,445 24,830 24,444 23,826 22,485 21,507	Thursday 1/23/2014 21,486 21,152 21,123 20,777 20,935 21,719 23,213 25,056 25,017 24,895 24,713 24,488 24,546 24,104 23,695 23,197 25,169 25,169 25,225 24,737 24,125 23,424 22,831	Friday 1/24/2014 22,412 21,844 22,185 22,067 22,246 24,786 24,159 25,811 25,933 25,969 26,294 26,208 25,728 25,423 25,021 24,664 24,562 24,780 25,655 25,160 24,513 23,595 22,244 20,522	Saturday 1/25/2014 19,510 19,023 18,681 18,597 18,460 18,545 18,883 19,421 19,648 20,062 19,918 19,884 19,615 19,327 19,234 19,411 19,413 20,504 21,699 21,401 21,042 20,673 20,011 19,192	Sunday 1/26/2014 18,559 18,079 17,763 17,638 17,700 17,822 18,216 19,010 19,261 19,658 19,905 20,088 19,954 19,411 19,064 19,294 19,767 20,248 21,231 21,139 20,330 19,826 19,240 19,032	Monday 1/27/2014 19,239 19,103 19,170 19,195 19,998 21,126 22,582 23,946 24,192 24,342 24,595 24,685 24,470 24,532 23,932 23,430 23,482 24,145 25,859 25,933 25,643 24,902 24,006 23,173	Tuesday 1/28/2014 22,750 22,540 22,459 22,363 22,679 23,297 24,472 25,731 25,865 25,999 26,062 25,801 25,523 24,188 24,325 24,188 24,421 25,875 25,846 25,595 24,884 23,837 23,133	Wednesday 1/29/2014 22,886 22,584 22,340 22,162 22,600 23,237 24,548 26,042 25,043 25,706 25,793 25,598 25,239 25,210 24,453 23,708 23,858 24,030 25,251 25,142 24,927 24,038 22,872 22,201	Thursday 1/30/2014 21,806 21,477 21,208 20,913 21,237 22,034 23,684 25,194 24,825 24,438 24,631 24,272 24,261 23,525 23,215 23,084 23,295 24,369 24,085 23,868 23,291 22,052 21,236	1/31/20 20,80 20,14 19,79 19,49 19,72 20,44 21,98 23,36 23,05 23,17 23,47 22,95 22,40 22,15 22,07 21,41 21,37 21,63 22,36 22,11 21,79 21,37 20,24 18,43
Date Hour 100 200 300 400 500 600 700 800 1000 1100 1200 1300 1500 1600 1700 1800 2000 2100 2200 2300	Thursday 1/16/2014 19,764 19,446 19,441 19,795 20,721 22,489 23,997 23,644 23,589 23,848 23,795 23,662 23,544 22,988 22,481 22,291 22,903 23,532 23,079 22,774 21,983 20,980	Friday 1/17/2014 19,391 19,244 19,126 19,013 19,231 20,250 21,488 22,633 22,860 22,919 23,134 23,257 22,884 22,630 22,255 21,599 21,512 21,975 22,791 22,873 22,562 22,094 21,259	Saturday 1/18/2014 18,432 18,085 17,905 17,937 18,072 18,314 19,087 20,081 20,238 20,342 20,346 20,052 19,539 19,229 18,863 18,956 19,045 19,911 20,587 20,534 20,104 19,614 18,439	Sunday 1/19/2014 16,912 16,522 16,269 16,108 16,087 16,257 16,863 17,709 17,600 18,137 18,076 18,205 18,130 17,919 17,763 18,371 19,147 20,120 19,945 19,619 19,943 19,943	Monday 1/20/2014 18,777 18,259 18,020 17,793 18,010 19,539 21,265 21,382 21,957 22,359 22,334 22,485 22,223 21,580 21,410 21,314 22,273 21,350 22,393 22,490 22,490 22,490 22,490 22,490 22,490 22,490 22,490	Tuesday 1/21/2014 20,099 19,831 19,994 20,068 20,632 21,500 22,911 24,251 24,526 24,299 24,237 24,221 24,106 23,752 23,348 23,069 23,194 23,438 24,978 24,932 24,566 24,932 24,566 22,739	Wednesday 1/22/2014 21,718 21,299 21,383 21,353 21,663 22,140 23,425 24,740 24,931 25,164 25,173 25,022 24,756 24,709 24,308 23,951 24,055 24,363 25,245 24,830 24,444 24,831 24,444	Thursday 1/23/2014 21,486 21,152 21,123 20,777 20,935 21,719 23,213 25,056 25,017 24,895 24,713 24,488 24,546 24,104 23,695 23,025 23,197 23,872 25,169 25,225 24,737 24,125 25,225 24,737 24,125 23,424	Friday 1/24/2014 22,412 21,844 22,185 22,067 22,246 22,786 24,159 25,811 25,933 25,969 26,294 26,208 25,728 25,423 25,021 24,664 24,562 24,780 25,655 26,160 24,513 23,595 22,244	Saturday 1/25/2014 19,510 19,023 18,681 18,597 18,460 18,545 18,883 19,421 19,648 20,062 19,918 19,884 19,615 19,327 19,234 19,411 19,433 20,504 21,699 21,401 21,042 20,673 20,071	Sunday 1/26/2014 18,559 18,079 17,763 17,638 17,700 17,822 18,216 19,010 19,261 19,658 19,905 20,088 19,954 19,411 19,064 19,294 19,767 20,248 21,231 21,139 20,330 19,826 19,240	Monday 1/27/2014 19,239 19,103 19,170 19,195 19,998 21,126 22,582 23,946 24,192 24,342 24,595 24,665 24,470 24,532 23,932 23,430 23,482 24,145 25,859 25,933 25,643 24,902 24,006 23,173	Tuesday 1/28/2014 22,750 22,540 22,459 22,363 22,679 23,297 24,472 25,731 25,865 25,999 26,062 25,801 25,523 25,081 24,738 24,738 24,325 24,188 24,421 25,875 25,875 25,846 25,595 24,884 23,837	Wednesday 1/29/2014 22,886 22,584 22,340 22,162 22,600 23,237 24,548 26,042 25,043 25,706 25,793 25,598 25,239 25,210 24,453 23,708 23,858 24,030 25,251 25,142 24,927 24,038 22,872 22,201	Thursday 1/30/2014 21,806 21,477 21,208 20,913 21,237 22,034 23,684 25,194 24,825 24,438 24,738 24,631 24,272 24,261 23,525 23,215 23,084 23,295 24,389 24,085 23,868 23,291 22,052	Friday  1/31/201  20,802 20,14( 19,793 19,492 19,722 20,442 21,988 23,365 23,105 23,177 22,956 22,407 21,471 21,376 21,636 22,315 21,798 21,376 20,248 18,438





Omega Joint Venture Two INVOICE NUMBER: 180627

1111 Schrock Rd, Suite 100 **INVOICE DATE**: 2/5/2014

COLUMBUS, OHIO 43229 **DUE DATE**: 2/17/2014

PHONE: (614) 540-1111 **TOTAL AMOUNT DUE:** \$443.36

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 - January, 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
 =
 \$2.77

TOTAL CHARGES \$443,36



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

FOR THE MONTH/YEAR OF:

JV5 Fuel Cost (Actual Expense):

**TOTAL ENERGY CHARGES:** 

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

January, 2014

INVOICE NUMBER: 180690

INVOICE DATE: 2/5/2014

**DUE DATE:** 2/20/2014

**TOTAL AMOUNT DUE:** \$59,306.52

**CUSTOMER NUMBER:** 5020

**CUSTOMER P.O. NUMBER:** BL980397

2.297.472 kWh =

2,297,472 kWh =

\$0.00

\$44,223.87

MAKE CHECKS PAYABLE TO: OMEGA JV5

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

/kWh\*

/kWh\*

#### **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): \$0.019249 /kWh\* 2,297,472 kWh = \$44,223.87

\$0.000000

\$0.019249

\$59,306.52 SUB-TOTAL

Total OMEGA JV5 Invoice: \$59,306.52



January 8, 2014

Mr. Greg Heath Director of Finance City of Napoleon 255 West Riverview Avenue PO Box 151 Napoleon, Ohio 43545

JV5 - Certification

Dear Mr. Greg Heath,

OMEGA JV5 has requested, pursuant to Section 17 (J) of the Joint Venture Agreement for OMEGA JV5, US Bank as Trustee to require all Financing Participants in OMEGA JV5 to execute the enclosed certificate. The purpose of the certificate is to certify that the electric fund meets the performance covenants, conditions, agreements or provisions contained in the Joint Venture Agreement, specifically Section 17 (A) (1) of the Joint Venture Agreement which states, among other things that each Participant must maintain rates which provide revenues equal to:

- "(1) in the case of a Financing Participant, the greater of:
- (a) the sum of (i) the O&M Expenses, including its share of Operating Expenses under this Joint Venture Agreement and (ii) 110% of the sum of the debt service on any outstanding senior lien electric system revenue obligations of the Participant and its share of bond Debt Service Payments, payable in such Year; or
- (b) the sum of (i) the O&M Expenses, including its share of Operating Expenses under this Joint Venture Agreement, (ii) its share of Bond Debt Service Payments, (iii) debt service on outstanding electric system revenue obligations of the Participant, and (iv) all other amounts payable from such revenues including, without limitation, debt service on general obligation or other tax supported debt incurred for purposes of the JV5 Participant's Electric System and its share of Other Required Payments, payable in such Year."

Please sign and return the certificate to us by February 7, 2014 in the preaddressed stamped envelope provided. If you have questions regarding the certificate, please do not hesitate to call Chris Deeter of AMP at (614) 540-0848.

Sincerely,

Robert T. Jones Vice President

Enclosure

#### OMEGA JV5 PARTICIPANT CERTIFICATE

The undersigned, Greg Heath the Finance Director of the City of Napoleon, Ohio, (the "Participant"), **DOES HEREBY CERTIFY** as follows with respect to the 2001 and 1993 Beneficial Interest Certificates, and the 2004 Beneficial Interest Refunding Certificates (Belleville Hydroelectric Project) Evidencing and Representing Interest of the Owners Thereof in Bond Debt Service Payments to be Made by the Participants in a Joint Venture of 42 Member Municipalities of American Municipal Power-Ohio, Inc. known as the Ohio Municipal Generation Agency Joint Venture 5 "OMEGA JV5".

- 1. The undersigned is the duly authorized chief fiscal or financial officer of the Participant of OMEGA JV5.
- 2. The Participant has been and is a party to the Joint Venture Agreement, dated as of January 1, 1993, regarding Ohio Municipal Electric Generation Agency Joint Venture 5 Belleville Hydroelectric Project (the "Joint Venture Agreement").
- 3. For the period beginning January 1, 2013 to December 31, 2013, to the best of the undersigned's information and belief, the Participant, has not been, and is not now in default in the performance of any of the covenants, conditions, agreements or provisions contained in the Joint Venture Agreement including its obligation for debt service coverage set forth in Section 17 of the Joint Venture Agreement.
- 4. With respect to its Electric System, the undersigned Participant has not incurred any financial liabilities, direct or contingent, or entered into any transactions and there has not been any adverse change in the condition, financial or physical, of the Electric System of the undersigned Participant, in any case that would materially and adversely affect the ability of the Participant to meet its obligations under the Joint Venture Agreement.
- 5. No litigation is pending or, to undersigned's knowledge, threatened in any court to contesting or affecting the validity of the Joint Venture Agreement and there is no litigation pending or, to the undersigned's knowledge, threatened against the Participant or involving any of the property or assets which comprise the electric system of the Participant which involves the possibility of any judgment that would materially, and adversely affect the ability of the Participant to meet its obligations under Joint Venture Agreement.
- 6. If conditions change which render the above untrue, I will promptly notify the general counsel of OMEGA JV5 (John Bentine) at (614) 540-1111.

Any capitalized terms and phrases used herein and not otherwise defined herein shall have the same meanings given to such terms and phrases in the Joint Venture Agreement.

DATED:

CITY OF Napoleon, Ohio

02/04/2014

By: Snegory J. Heath
Name: Greg Heath
Title: Finance Director



AMERICAN MUNICIPAL POWER, INC.

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

FAX: (614) 540-1078

INVOICE NUMBER: 180603

**INVOICE DATE**: 2/3/2014

**DUE DATE:** 2/17/2014

TOTAL AMOUNT DUE: \$3,531.00

5020

CUSTOMER NUMBER:

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>

AMOUNT DUE FOR: February, 2014 - Principal \$3,510.20
Interest \$20.80

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: 180613

INVOICE DATE: 2/3/2014

2/17/2014 **DUE DATE:** 

\$1,334.86 TOTAL AMOUNT DUE: **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

Electric Fixed

300 Kw \* 4.45 per kW-Month Total

February, 2014 -Electric Fixed \$1,334.86

AMOUNT DUE FOR:

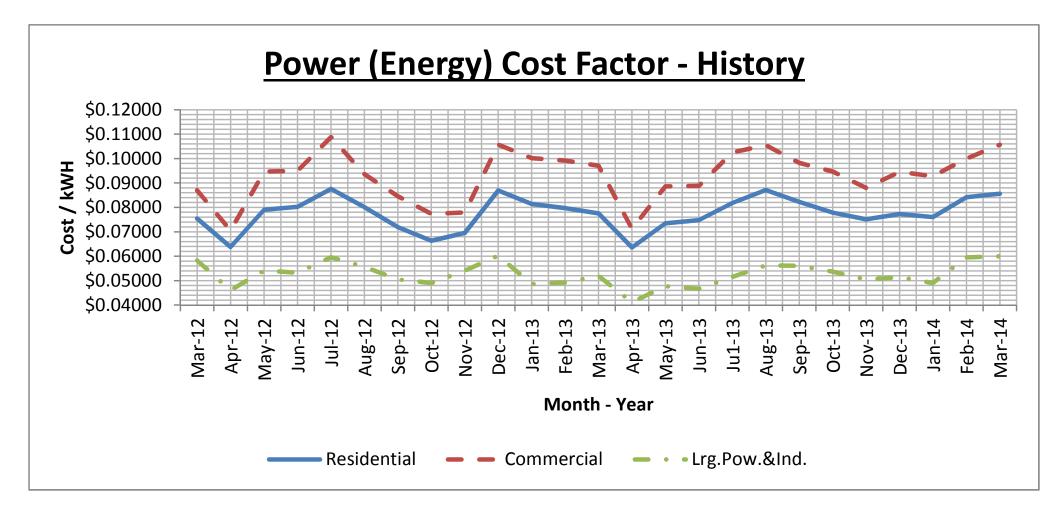
TOTAL CHARGES \$1,334.86

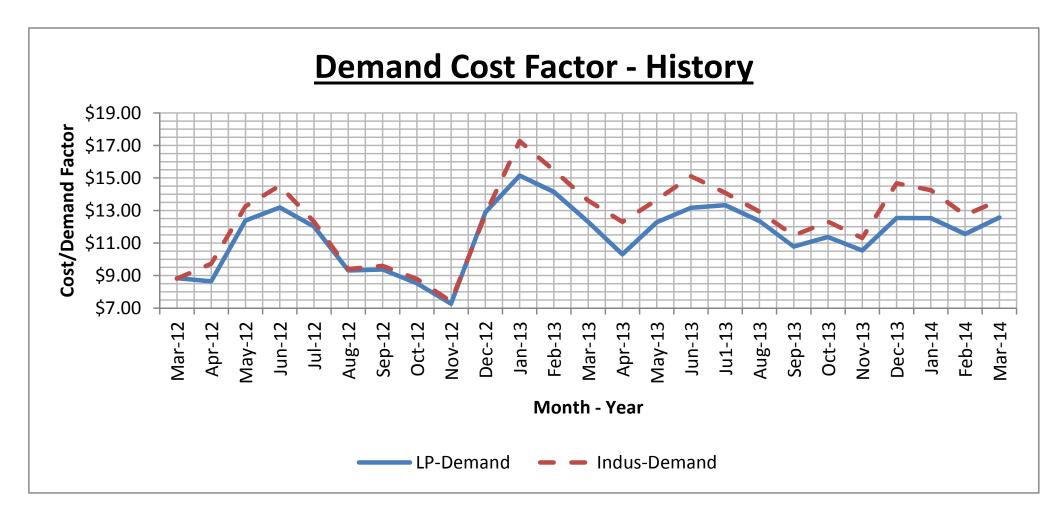
<b>BILLING DETERMINAN</b>	TS fo	r BILL	ING CYC	LE - MAF	RCH, 201	<u>14</u>									
MARCH, 2014															
2014 - MARCH BILLING WITH FEBRUA	ARY 2014	Feb-14	LLING UNITS				Cost / kWH	Mar-13				Apr-13			
Class and/or	Rate	# of	Feb-14	Feb-14	Billed kVa	Cost / kWH	Prior 12 Mo	# of	Mar-13	Mar-13	Cost / kWH	# of	Apr-13	Apr-13	Cost / kWH
Schedule	Code	Bills	(kWh Usage)	Billed	of Demand	For Month	Average		(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month
Residential (Dom-In)	E1	3,331	2,652,898	\$300,367.87	0	\$0.1132		3,336	2,423,390	\$260,201.12	\$0.1074	3,333	2,090,663	\$197,962.37	\$0.0947
Residential (Dom-In) w/Ecosmart	E1E	10	6,477	\$744.61	0	\$0.1150		0	0	\$0.00	\$0.0000	9	4,389	\$427.66	\$0.0974
Residential (Dom-In - All Electric) Res.(Dom-In - All Elec.) w/Ecosmart	E2 E2E	607	868,660 661	\$95,411.75 \$75.86	0	\$0.1098 \$0.1148		617 0	812,108	\$84,159.34 \$0.00	\$0.1036 \$0.0000	616	693,037 524	\$62,664.43 \$50.62	
Nes.(Doin-iii - All Elec.) W/Ecosman	E2E			\$75.00		φυ.1146	φυ.1100			φυ.υυ	φυ.υυυυ		524	φ30.62	\$0.0966
Total Residential (Domestic)		3,949	3,528,696	\$396,600.09	0	\$0.1124	\$0.1078	3,953	3,235,498	\$344,360.46	\$0.1064	3,959	2,788,613	\$261,105.08	\$0.0936
Residential (Rural-Out)	ER1	740	1,023,444	\$120,315.45	0	\$0.1176		735	885,721	\$99,257.67	\$0.1121	732	765,492	\$76,050.05	\$0.0993
Residential (Rural-Out) w/Ecosmart Residential (Rural-Out - All Electric)	ER1E ER2	387	3,830 699,435	\$462.98 \$81,026.24	0	\$0.1209 \$0.1158	\$0.1190 \$0.1119	390	617,440	\$0.00 \$67,957.80	\$0.0000 \$0.1101	388	2,476 538,258	\$262.57 \$52,196.52	\$0.1060 \$0.0970
Res. (Rural-Out - All Electric) w/Ecosmar		2	3,524	\$409.05	0	\$0.1156	\$0.1119	0	017,440	\$0.00	\$0.0000	2	,	\$268.75	
Residential (Rural-Out w/Dmd)	ER3	14		\$4,815.30	308	\$0.1134		15	17,909	\$2,008.27	\$0.1121	15		\$1,960.63	
Residential (Rural-Out - All Electric w/Dm		9	13,877	\$1,621.35	107	\$0.1168	\$0.1103	10	14,123	\$1,565.60	\$0.1109	10		\$1,131.27	
Total Residential (Rural)		1,156	1,786,564	\$208,650.37	415	\$0.1168	\$0.1129	1,150	1,535,193	\$170,789.34	\$0.1112	1,151	1,340,667	\$131,869.79	\$0.0984
Commercial (1 Ph-In - No Dmd)	EC2	72	50,780	\$7,084.93	14	\$0.1395	\$0.1373	73	45,106	\$6,274.97	\$0.1391	73	38,742	\$4,511.90	\$0.1165
Commercial (1 Ph-Out - No Dmd)	EC2O	41	15,107	\$2,345.41	14	\$0.1553	\$0.1573	40	14,748	\$2,246.99	\$0.1524	40		\$1,665.47	
commorcial (** 11 cat ** 110 zma)	2020					φοιτοσο	φοσσσ				ψ0.1021				ψ0.1020
Total Commercial (1 Ph) No Dmd		113	65,887	\$9,430.34	14	\$0.1431	\$0.1411	113	59,854	\$8,521.96	\$0.1424	113	51,355	\$6,177.37	\$0.1203
Commercial (1 Ph-In - w/Demand)	EC1	266	354,791	\$48,252.71	1745	\$0.1360	\$0.1330	263	360,372	\$47,972.91	\$0.1331	264	329,663	\$36,106.83	\$0.1095
Commercial (1 Ph-Out - w/Demand)	EC10	25	45,573	\$5,962.21	197	\$0.1308	\$0.1312	26	41,784	\$5,425.31	\$0.1298	25	36,571	\$3,930.20	\$0.1075
Total Commercial (1 Ph) w/Demand		291	400,364	\$54,214.92	1,942	\$0.1354	\$0.1328	289	402,156	\$53,398.22	\$0.1328	289		\$40,037.03	\$0.1093
rotal commercial (111) the command			.00,001	40.,21.102	.,0.2	φοιισσι	φ0.1020		.02,.00	400,000.22	ψ0.1020		555,25	<b>V.0,00.100</b>	ψοιτουσ
Commercial (3 Ph-Out - No Dmd)	EC4O	2	12,240	\$1,532.99	65	\$0.1252	\$0.1348	2	920	\$146.23	\$0.1589	2	0	\$36.00	\$0.0000
						40.4050	<b>***</b> 10.10				40.4500				40.000
Total Commercial (3 Ph) No Dmd		2	12,240	\$1,532.99	65	\$0.1252	\$0.1348	2	920	\$146.23	\$0.1589	2	0	\$36.00	\$0.0000
Commercial (3 Ph-In - w/Demand)	EC3	204	1,447,853	\$177,029.32	5379	\$0.1223	\$0.1158	202	1,496,700	\$177,083.58	\$0.1183	203	1,523,802	\$140,831.75	\$0.0924
Commercial (3 Ph-Out - w/Demand)	EC3O	36	268,912	\$33,948.49	1177	\$0.1262		32	243,207	\$29,263.52	\$0.1103	32	203,149	\$19,833.07	\$0.0924
Commercial (3 Ph-Out - w/Dmd.&Sub-St.		2		\$11,322.79	364	\$0.1161		2	126,080	\$14,058.81	\$0.1115	2		\$10,469.14	\$0.0857
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	1,760	\$222.21	6	\$0.1263	\$0.1219	1	1,720	\$209.07	\$0.1216	1	1,880	\$181.30	\$0.0964
Total Commercial (3 Ph) w/Demand		243	1,816,045	\$222,522.81	6,926	\$0.1225	\$0.1159	237	1,867,707	\$220,614.98	\$0.1181	238	1,850,951	\$171,315.26	\$0.0926
Large Power (In - w/Dmd & Rct)	EL1	24	2,063,522	\$218,102.07	5486	\$0.1057	\$0.0939	24	2,384,166	\$222,962.86	\$0.0935	24	2,177,534	\$182,408.30	\$0.0838
Large Power (In - w/Dmd & Rct, w/SbCr)		2		\$17,566.79	573	\$0.1382	\$0.1410	2	144,720	\$16,341.57	\$0.1129	2		\$13,656.03	\$0.1035
Large Power (Out - w/Dmd & Rct)	EL10	1	74,700	\$8,360.23	218	\$0.1119	\$0.1115	1	75,600	\$8,125.95	\$0.1075	1	67,500	\$6,559.22	\$0.0972
Large Power (Out - w/Dmd & Rct, w/SbC		2		\$31,593.00	950	\$0.1205		2	365,280	\$34,931.58	\$0.0956	2	,	\$26,691.09	
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	86,020	\$7,861.04	146	\$0.0914	\$0.1128	2	100,243	\$8,296.98	\$0.0828	2	86,908	\$6,367.78	\$0.0733
Total Large Power		31	2,613,402	\$283,483.13	7,373	\$0.1085	\$0.0975	31	3,070,009	\$290,658.94	\$0.0947	31	2,771,982	\$235,682.42	\$0.0850
Total Large I owel			2,013,402	Ψ203,403.13	7,070	ψ0.1003	ψ0.0373		3,070,003	Ψ230,030.34	ψ0.0347	- 31	2,771,302	Ψ255,002.42	ψ0.0030
Industrial (In - w/Dmd & Rct, w/SbCr)	El1	2	1,764,615	\$159,115.05	3649	\$0.0902	\$0.0798	2	2,148,544	\$170,661.02	\$0.0794	2	1,874,085	\$132,752.83	\$0.0708
Industrial (In - w/Dmd & Rct, No/SbCr)	El2	1	806,907	\$76,569.36	1846	\$0.0949	\$0.0797	1	945,406	\$75,862.73	\$0.0802	1	904,991	\$63,892.85	\$0.0706
Total Industrial		3	2,571,522	\$235,684.41	5,495	\$0.0917	\$0.0797	3	3,093,950	\$246,523.75	\$0.0797	3	2,779,076	\$196,645.68	\$0.0708
Interdepartmental (In - No Dmd)	ED1	48	183,455	\$19,016.54	96	\$0.1037	\$0.0967	48	180,191	\$17,500.60	\$0.0971	49	163,603	\$13,602.92	\$0.0831
Interdepartmental (Out - No Dmd)	ED10	1	0		0	\$0.0000	\$0.0307	1	0	\$0.00	\$0.0000	1	0	\$0.00	
Interdepartmental (In - w/Dmd)	ED2	20	374,969		1040			20	385,094			20	349,500	\$28,360.30	
Generators (JV2 Power Cost Only)	GJV2	1	22,895		255	\$0.0281		1	23,895	\$475.27	\$0.0199	1	20,402	\$578.80	
Generators (JV5 Power Cost Only)	GJV5	1	19,139	\$538.57	40	\$0.0281	\$0.0000	1	20,530	\$408.34	\$0.0199	1	17,579	\$498.72	\$0.0284
Total Interdepartmental		71	600,458	\$58,191.51	1,431	\$0.0969	\$0.0908	71	609,710	\$54,884.22	\$0.0900	72	551,084	\$43,040.74	\$0.0781
Total interdepartmental				φυο, 191.51	1,431	φυ.υ <del>3</del> 09	φυ.υ <del>૭</del> υδ			φυ4,004.22	φυ.υ <del>3</del> 00			φ <del>4</del> 3,040.74	φυ.υ/οΙ
SUB-TOTAL CONSUMPTION & DEMAI	ND	5,859	13,395,178	\$1,470,310.57	23,661	\$0.1098	\$0.1010	5,849	13,874,997	\$1,389,898.10	\$0.1002	5,858	12,499,962	\$1,085,909.37	\$0.0869
		-			========										
Street Lights (In)	SLO	16			0	\$0.0000		16	0	\$14.20	\$0.0000	16		\$14.20	\$0.0000
Street Lights (Out)	SLOO	2	0	\$0.77		\$0.0000	\$0.0000	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000
Total Street Light Only		18	0		0	\$0.0000	\$0.0000	18	0	\$14.97	\$0.0000	18		\$14.97	\$0.0000
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TOTAL CONSUMPTION & DEMAND		5,877	13,395,178	\$1,470,325.54	23,661	\$0.1098	\$0.1010	5,867	13,874,997	\$1,389,913.07	\$0.1002	5,876	12,499,962	\$1,085,924.34	\$0.0869
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<b>BILLING DETERMINAN</b>	TS for																	
MARCH, 2014	A DV 0014																	
2014 - MARCH BILLING WITH FEBRU	ARY 2014	May-13				Jun-13				Jul-13				Aug-13				Sep-13
Class and/or	Rate	# of	May-13	May-13	Cost / kWH	# of	Jun-13	Jun-13	Cost / kWH	# of	Jul-13	Jul-13	Cost / kWH	# of	Aug-13	Aug-13	Cost / kWH	# of
Schedule	Code	Bills	(kWh Usage)	<u>Billed</u>	For Month	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month	Bills
Residential (Dom-In)	E1	3,337	2,097,825	\$219,312.32	\$0.1045	3,325	1,765,993	\$190,084.46		3,329	2,109,409	\$238,024.02	\$0.1128	3,339	2,793,644	\$323,607.27	\$0.1158	3,346
Residential (Dom-In) w/Ecosmart	E1E	11	5,729	\$610.25	\$0.1065	11	5,045	\$552.04	\$0.1094	10	5,709	\$650.14 \$43,044.41	\$0.1139	10	7,875 459,912	\$915.88	\$0.1163	10
Residential (Dom-In - All Electric) Res.(Dom-In - All Elec.) w/Ecosmart	E2 E2E	613	641,136 530	\$64,572.38 \$56.35	\$0.1007 \$0.1063	615	413,084 553	\$43,487.63 \$59.28	\$0.1053 \$0.1072	610	381,054 540	\$43,044.41 \$61.82	\$0.1130 \$0.1145	610	459,912 749	\$53,640.76 \$87.40	\$0.1166 \$0.1167	611
rico.(Boil iii 7iii Elec.) W/Eecolliait	LLL				φο.1000				ψ0.1072				ψ0.1140				ψ0.1107	
Total Residential (Domestic)		3,962	2,745,220	\$284,551.30	\$0.1037	3,952	2,184,675	\$234,183.41	\$0.1072	3,950	2,496,712	\$281,780.39	\$0.1129	3,960	3,262,180	\$378,251.31	\$0.1160	3,968
Residential (Rural-Out) Residential (Rural-Out) w/Ecosmart	ER1 ER1E	734 4	719,208 2,425	\$79,029.09 \$281.94	\$0.1099 \$0.1163	736 4	602,361 2,177	\$68,227.84 \$260.10	\$0.1133 \$0.1195	740	649,817 2,379	\$77,628.41 \$297.24	\$0.1195 \$0.1249	742 4	,	\$98,634.57 \$407.72	\$0.1226 \$0.1258	751
Residential (Rural-Out - All Electric)	ER2	388	498,799	\$53,592.14	\$0.1103	387	389,087	\$43,185.77	\$0.1110	388	369,258	\$43,788.90	\$0.1243	388	435,667	\$53,273.12	\$0.1223	389
Res. (Rural-Out - All Electric) w/Ecosmar		2	2,457	\$264.95	\$0.1078	2	1,394	\$160.85	\$0.1154	2	1,119	\$140.92	\$0.1259	2		\$167.52	\$0.1288	2
Residential (Rural-Out w/Dmd)	ER3	15	17,927	\$1,935.64	\$0.1080	15	20,251	\$2,193.46		15	14,299	\$1,694.10	\$0.1185	15		\$1,706.92	\$0.1242	15
Residential (Rural-Out - All Electric w/Dm	ER4	9	10,191	\$1,105.78	\$0.1085	9	8,961	\$995.26	\$0.1111	9	8,647	\$1,024.44	\$0.1185	9	9,649	\$1,183.75	\$0.1227	9
Total Residential (Rural)		1,152	1,251,007	\$136,209.54	\$0.1089	1,153	1,024,231	\$115,023.28	\$0.1123	1,158	1,045,519	\$124,574.01	\$0.1192	1,160	1,268,175	\$155,373.60	\$0.1225	1,170
		.,102	.,_01,001	Ţ.50,200.0 <del>1</del>	ψ0.1000	.,100	.,524,201	Ţ,0 <u></u>	Ψ0.1120	.,.00	.,040,010	Ţ. <u>_</u> +, <u>0</u> ; +.01	Ψ0.1102	.,100	.,_00,170	Ţ.55,010.00	Ψ0.1220	1,,,,,
Commercial (1 Ph-In - No Dmd)	EC2	74	39,977	\$5,341.20	\$0.1336	73	38,351	\$5,151.02	\$0.1343	72	38,861	\$5,726.54	\$0.1474	73		\$6,052.00	\$0.1497	75
Commercial (1 Ph-Out - No Dmd)	EC2O	40	12,208	\$1,840.55	\$0.1508	40	11,514	\$1,765.50	\$0.1533	40	10,884	\$1,843.98	\$0.1694	41	,-	\$3,245.61	\$0.1508	41
Total Commercial (1 Ph) No Dmd		114	52,185	\$7,181.75	\$0.1376	113	49,865	\$6,916.52	\$0.1387	112	49,745	\$7,570.52	\$0.1522	114	61,937	\$9,297.61	\$0.1501	116
Total Commercial (1 Fil) NO Dilla		114	32,100	Ψ1,101.75	ψ0.13/6	113	49,000	ψυ,910.32	ψυ.1307	112	49,140	ψ1,310.32	ψυ.1322	114	01,537	υσ,2σ1.01	ψυ. 130 Ι	110
Commercial (1 Ph-In - w/Demand)	EC1	264	336,852	\$42,423.48	\$0.1259	265	299,825	\$39,112.08	\$0.1304	263	309,023	\$45,194.18	\$0.1462	267	338,332	\$49,294.19	\$0.1457	267
Commercial (1 Ph-Out - w/Demand)	EC10	25	38,246	\$4,721.23	\$0.1234	25	32,186	\$4,099.52	\$0.1274	25	30,526	\$4,419.46	\$0.1448		33,111	\$4,864.44	\$0.1469	25
Total Commercial (1 Ph) w/Demand		289	375,098	\$47,144.71	\$0.1257	290	332,011	\$43,211.60	\$0.1302	288	339,549	\$49,613.64	\$0.1461	292	371,443	\$54,158.63	\$0.1458	292
Commercial (3 Ph-Out - No Dmd)	EC4O	2	0	\$36.00	\$0.0000	2	40	\$40.46	\$1.0115	2	240	\$66.06	\$0.2753	2	40	\$41.13	\$1.0283	
Commorcial (CTM Cut Tie Ema)	20.0				φο.σσσσ				ψσσ				ψο.Ε. του				ψ1.0200	
Total Commercial (3 Ph) No Dmd		2	0	\$36.00	\$0.0000	2	40	\$40.46	\$1.0115	2	240	\$66.06	\$0.2753	2	40	\$41.13	\$1.0283	3 2
Commercial (3 Ph-In - w/Demand) Commercial (3 Ph-Out - w/Demand)	EC3O	203 32	1,419,100 186,793	\$158,157.82 \$22,279.26	\$0.1114 \$0.1193	205 32	1,457,724 177,589	\$162,428.10 \$21,198.29	\$0.1114 \$0.1194	205 32	1,522,550 188,637	\$190,539.80 \$25,562.32	\$0.1251 \$0.1355	206	1,654,048 189,643	\$211,496.38 \$26,288.29	\$0.1279 \$0.1386	208
Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	2	120,320	\$12,405.22	\$0.1193	2	113,360	\$11,819.71	\$0.1194	2	126,840	\$14,799.24	\$0.1353	2		\$13,881.00	\$0.1300	0 34
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	1,720	\$199.71	\$0.1161	1	1,680	\$195.58	\$0.1164	1	1,680	\$276.68	\$0.1647	1	,	\$416.76	\$0.1389	1
Total Commercial (3 Ph) w/Demand		238	1,727,933	\$193,042.01	\$0.1117	240	1,750,353	\$195,641.68	\$0.1118	240	1,839,707	\$231,178.04	\$0.1257	241	1,962,171	\$252,082.43	\$0.1285	245
Large Power (In - w/Dmd & Rct)	EL1	24	2,404,599	\$217,506.43	\$0.0905	24	2,366,148	\$220,686.44	\$0.0933	24	2,586,195	\$250,122.74	\$0.0967	24	2,620,054	\$262,653.75	\$0.1002	24
Large Power (In - w/Dmd & Rct, w/SbCr)		2	132,600	\$16,765.37	\$0.0903	24	153,120	\$20,722.60	\$0.0953	24	70,560	\$16,900.07	\$0.0307	24		\$18,753.31	\$0.1002	29
Large Power (Out - w/Dmd & Rct)	EL10	1	71,460	\$7,531.24	\$0.1054	1	63,000	\$7,341.06	\$0.1165	1	73,980	\$8,336.45	\$0.1127	1	,	\$10,240.70	\$0.1183	1
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	2	318,720	\$30,410.72	\$0.0954	2	336,240	\$33,310.20	\$0.0991	2	347,520	\$36,252.97	\$0.1043	2		\$34,745.28	\$0.1197	2
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	90,318	\$7,414.58	\$0.0821	2	82,656	\$10,416.43	\$0.1260	2	81,493	\$7,169.32	\$0.0880	2	74,511	\$14,585.20	\$0.1957	2
Total Large Power		31	3,017,697	\$279,628.34	\$0.0927	31	3,001,164	\$292,476.73	\$0.0975	31	3,159,748	\$318,781.55	\$0.1009	31	3,155,785	\$340,978.24	\$0.1080	31
Total Large Fower		01	0,011,001	ΨΕ/ 0,020.04	ψ0.0027	0.	0,001,104	Ψ252,476.76	ψ0.0070	0.	0,100,140	ψο το, το τισο	ψ0.1000	0.	0,100,700	φο-10,070.E-1	ψ0.1000	1
Industrial (In - w/Dmd & Rct, w/SbCr)	El1	2	1,831,272	\$143,570.51	\$0.0784	2	1,934,737	\$150,696.77		2	2,096,838	\$167,377.82	\$0.0798	2	.,,	\$159,221.08	\$0.0847	2
Industrial (In - w/Dmd & Rct, No/SbCr)	El2	1	946,167	\$73,216.13	\$0.0774	1	1,023,891	\$79,602.02	\$0.0777	1	1,048,294	\$84,061.55	\$0.0802	1	990,973	\$82,769.36	\$0.0835	1
Total Industrial		3	2,777,439	\$216,786.64	\$0.0781	3	2,958,628	\$230,298.79	\$0.0778	3	3,145,132	\$251,439.37	\$0.0799	3	2,869,856	\$241,990.44	\$0.0843	
i otta iliuustilai		3	2,111,439	Ψ2 10,100.04	ψυ.υ/οΙ	3	2,330,020	Ψ2.00,230.79	ψυ.υ110	3	3,143,132	Ψ201,403.3 <i>1</i>	ψυ.υ/ 99		2,003,000	Ψ <b>4</b> -1,330.44	ψυ.υυ43	1
Interdepartmental (In - No Dmd)	ED1	49	146,880	\$13,667.99	\$0.0931	49	107,189	\$10,148.70	\$0.0947	52	88,992	\$9,067.37	\$0.1019	49	86,904	\$9,315.56	\$0.1072	49
Interdepartmental (Out - No Dmd)	ED10	1	125	\$11.64	\$0.0931	1	0	\$0.00		1	0	\$0.00	\$0.0000	1	0	\$0.00	\$0.0000	
Interdepartmental (In - w/Dmd)	ED2	20	343,092	\$31,180.79	\$0.0909	20	256,556	\$23,611.11		20	259,802	\$25,781.92	\$0.0992	20	,	\$27,328.08	\$0.1043	20
Generators (JV2 Power Cost Only) Generators (JV5 Power Cost Only)	GJV2 GJV5	1	19,246 16,701	\$807.18 \$700.44	\$0.0419 \$0.0419	1	6,054 13,337	\$226.60 \$499.20		1	12,330 12,330	\$356.95 \$356.95	\$0.0289 \$0.0289	1	13,117 12,084	\$19.02 \$17.52	\$0.0015 \$0.0014	1
Constitution (0 vo i ower cost only)	G0 V 0			Ψ700.44	Ψ0.0+13			Ψ-30.20	ψυ.υυ/4		12,000	Ψοσο.33	Ψ0.0203			Ψ17.32	Ψ0.0014	
Total Interdepartmental		72	526,044	\$46,368.04	\$0.0881	72	383,136	\$34,485.61	\$0.0900	75	373,454	\$35,563.19	\$0.0952	72	374,031	\$36,680.18	\$0.0981	72
SUB-TOTAL CONSUMPTION & DEMAI	ŪΝ	5,863	12,472,623	\$1,210,948.33	\$0.0971	5,856	11,684,103				12,449,806	\$1,300,566.77	\$0.1045			\$1,468,853.57	\$0.1102	5,899
		-	========				========		-	=	=======			<del>                                     </del>		========		1
Street Lights (In)	SLO	16	0	\$14.20	\$0.0000	16	0	\$14.20	\$0.0000	16	0	\$14.20	\$0.0000	16	0	\$14.20	\$0.0000	16
Street Lights (Out)	SLOO	2	0	\$0.77	\$0.0000	2	0	\$0.77		2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	2
												*				*		
Total Street Light Only		18	0	\$14.97	\$0.0000	18	0	\$14.97	\$0.0000		0	\$14.97	\$0.0000	18		\$14.97	\$0.0000	18
TOTAL CONSUMPTION & DEMAND		5,881	12,472,623	\$1,210,963.30	\$0.0971	5,874	11,684,103	\$1,152,293.05	\$0.0986	5,877	12,449,806	\$1,300,581.74	\$0.1045	5,893	13,325,618	\$1,468,868.54	\$0.1102	5,917
		0,001	12,712,020	Ţ1,E10,000.00	ψ0.0071	0,0.4	11,00-1,100	Dogo 11 of 1	ψυ.υυυυ	0,011	12,440,000	Ç1,000,001.74	, ψο.1040	0,000	10,020,010	Ç1,700,000.0 <del>1</del>	ψ0.1102	0,017

<b>BILLING DETERMINAN</b>	TS fo	!															
MARCH, 2014																	
2014 - MARCH BILLING WITH FEBRUA	ARY 2014		,														
					Oct-13				Nov-13				Dec-13				Jan-14
Class and/or	Rate	Sep-13 (kWh Usage)	Sep-13 Billed	Cost / kWH	# of	Oct-13	Oct-13 Billed	Cost / kWH	# of	Nov-13	Nov-13	Cost / kWH	# of	Dec-13	Dec-13 Billed	Cost / kWH For Month	# of
Schedule	Code E1		\$298,444.75	For Month \$0.1113	3,352	(kWh Usage)		For Month \$0.1069	Bills	(kWh Usage)	Billed	For Month	3,338	(kWh Usage)	\$203,923.93		Bills
Residential (Dom-In) Residential (Dom-In) w/Ecosmart	E1E	2,681,569 7,252	\$298,444.75 \$812.85	\$0.1113	3,352	2,707,079 7,615	\$289,286.38 \$817.16	\$0.1069	3,328	1,933,075 5,079	\$206,877.20 \$550.99	\$0.1070 \$0.1085	3,338	1,860,222 4,720	\$203,923.93		3,32
Residential (Dom-In - All Electric)	E2	434,612	\$48,781.14	\$0.1121	615	438,071	\$47,246.44	\$0.1073	609	333,019	\$35,848.44		612		\$46,953.38		2 60
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	726	\$81.37	\$0.1121	1	649	\$70.53	\$0.1079	1	542	\$58.40	\$0.1070	1	463	\$51.75		, 000
rtes.(Dom-in - All Liec.) W/Lcosmart	LZL	720	ψ01.07	Ψ0.1121		040	Ψ70.55	ψ0.1007		342	Ψ30.40	ψ0.1077		400	ψ01.70	ΨΟ.ΤΙΤΟ	
Total Residential (Domestic)		3,124,159	\$348,120.11	\$0.1114	3,978	3,153,414	\$337,420.51	\$0.1070	3,948	2,271,715	\$243,335.03	\$0.1071	3,961	2,303,345	\$251,455.54	\$0.1092	3,946
Residential (Rural-Out)	ER1	783,642	\$92,537.54	\$0.1181	744	765,877	\$87,187.47	\$0.1138	746	595,586	\$67,841.14	\$0.1139	742	675,951	\$77,391.16	\$0.1145	740
Residential (Rural-Out) w/Ecosmart	ER1E	2,850	\$349.38	\$0.1226	4	2,801	\$331.83	\$0.1185	4	2,254	\$268.65	\$0.1192	4	2,490	\$297.95	\$0.1197	4
Residential (Rural-Out - All Electric)	ER2	434,293	\$51,014.09	\$0.1175	387	420,500	\$47,656.66	\$0.1133	386	348,529	\$39,193.86	\$0.1125	385	441,519	\$49,555.40	\$0.1122	385
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	1,398	\$171.69	\$0.1228	2	1,218	\$146.83	\$0.1206	2	1,189	\$140.53	\$0.1182	2	1,644	\$190.21	\$0.1157	2
Residential (Rural-Out w/Dmd)	ER3	14,139	\$1,682.82	\$0.1190	15	17,687	\$1,988.32	\$0.1124	15	16,088	\$1,769.63	\$0.1100	14	64,095	\$6,752.74	\$0.1054	14
Residential (Rural-Out - All Electric w/Dm	ER4	10,130	\$1,188.67	\$0.1173	9	9,949	\$1,125.58	\$0.1131	9	8,980	\$1,000.22	\$0.1114	9	25,917	\$2,766.35	\$0.1067	ć
Total Residential (Rural)		1,246,452	\$146,944.19	\$0.1179	1,161	1,218,032	\$138,436.69	\$0.1137	1,162	972,626	\$110,214.03	\$0.1133	1,156	1,211,616	\$136,953.81	\$0.1130	1,154
																l	
Commercial (1 Ph-In - No Dmd)	EC2	42,780	\$6,070.62	\$0.1419	74	41,653	\$5,774.75	\$0.1386	73	39,434	\$5,211.01	\$0.1321	71	41,379	\$5,696.94		7 71
Commercial (1 Ph-Out - No Dmd)	EC2O	13,545	\$2,131.66	\$0.1574	41	11,662	\$1,862.65	\$0.1597	41	10,646	\$1,671.34	\$0.1570	40	,	\$2,166.21	\$0.1506	
Total Commercial (1 Ph) No Dmd		56,325	\$8,202.28	\$0.1456	115	53,315	\$7,637.40	\$0.1433	114	50,080	\$6,882.35	\$0.1374	111	55,760	\$7,863.15	\$0.1410	112
Commercial (1 Ph-In - w/Demand)	EC1	396,656	\$53,976.78	\$0.1361	265	377,416	\$49,507.55	\$0.1312	264	310,568	\$40,745.11	\$0.1312	264	293,036	\$40,591.69	\$0.1385	5 266
Commercial (1 Ph-Out - w/Demand)	EC10	37,182	\$5,070.66	\$0.1361	25	34,780	\$4,604.20	\$0.1312	264	32,976	\$4,297.20	\$0.1312	264		\$4,382.16	· · · · · · · · · · · · · · · · · · ·	
Confinercial (1 F11-Out - W/Demand)	LUIU	37,102	φ3,070.00	φ0.1304	23	34,700	φ4,004.20	φυ.1324	20	32,970	φ4,297.20	φυ. 1303	20	31,734	ψ4,302.10	φυ.1360	
Total Commercial (1 Ph) w/Demand		433,838	\$59,047.44	\$0.1361	290	412,196	\$54,111.75	\$0.1313	290	343,544	\$45,042.31	\$0.1311	290	324,790	\$44,973.85	\$0.1385	292
Commercial (3 Ph-Out - No Dmd)	EC4O	0	\$36.00	\$0.0000	2	40	\$40.70	\$1.0175	2	0	\$36.00	\$0.0000	2	0	\$36.00	\$0.0000	) 2
Total Commercial (3 Ph) No Dmd		0	\$36.00	\$0.0000	2	40	\$40.70	\$1.0175	2	0	\$36.00	\$0.0000	2	0	\$36.00	\$0.0000	2
Commercial (3 Ph-In - w/Demand)	EC3	1,740,302	\$208,949.03	\$0.1201	209	1,940,437	\$226,281.59	\$0.1166	208	1,743,531	\$192,165.59	\$0.1102	206	1,497,011	\$176,923.62	\$0.1182	2 205
Commercial (3 Ph-Out - w/Demand)	EC3O	248,138	\$30,514.72	\$0.1201	35	312,762	\$36,336.25	\$0.1160	38	282,499	\$32,418.80	\$0.1102	36		\$45,285.07	\$0.1162	
Commercial (3 Ph-Out - w/Demand) Commercial (3 Ph-Out - w/Dmd.&Sub-St.	E3SO	106,920	\$12,144.04	\$0.1230	2	125,600	\$13,595.49	\$0.1102	20	128,480	\$13,054.38		20	120,760	\$13,059.80		,
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	4,280	\$519.86	\$0.1215	1	4,760	\$537.79	\$0.1130	1	4,280	\$464.03		1	1,960	\$278.88	·	1
Total Commercial (3 Ph) w/Demand		2,099,640	\$252,127.65	\$0.1201	247	2,383,559	\$276,751.12	\$0.1161	249	2,158,790	\$238,102.80	\$0.1103	245	2,011,636	\$235,547.37	\$0.1171	244
												L					
Large Power (In - w/Dmd & Rct)	EL1	2,825,165	\$263,358.88	\$0.0932	24	2,851,318	\$261,397.73	\$0.0917	24	2,519,427	\$225,473.74		24		\$226,455.20		24
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	65,640	\$13,082.45	\$0.1993	2		\$19,867.10	\$0.1318	2	112,320	\$15,970.35	\$0.1422	2		\$17,688.77		. 2
Large Power (Out - w/Dmd & Rct)	EL10	93,060	\$10,633.53	\$0.1143	2		\$11,043.20	\$0.1188	1	65,340	\$7,082.78		1	65,880	\$7,536.58		. 1
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	355,680	\$35,608.24	\$0.1001	2		\$35,694.13	\$0.1031	2	340,800	\$33,623.94		2	, -	\$36,335.40		2
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	74,511	\$13,676.28	\$0.1835	2	75,559	\$15,440.11	\$0.2043	2	71,216	\$6,014.85	\$0.0845	2	75,657	\$6,509.56	\$0.0860	2
Total Large Power		3,414,056	\$336,359.38	\$0.0985	32	3,516,637	\$343,442.27	\$0.0977	31	3,109,103	\$288,165.66	\$0.0927	31	3,036,985	\$294,525.51	\$0.0970	31
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1,936,770	\$156,832.64	\$0.0810	2	2,054,036	\$162,716.59	\$0.0792	2	1,988,263	\$149,218.10	\$0.0750	2	1,984,035	\$162,825.47	\$0.0821	<del>  ,</del>
Industrial (In - w/Dmd & Rct, W/SbCr)	El2	1,189,366	\$93,753.89	\$0.0010	1	1,022,390	\$79,931.60	\$0.0792	1	1,057,587	\$77,201.69		1	990,671	\$79,187.70		,
	-1-			ψ0.0700				Ψ0.0702			ψ. τ, <u>L</u> υ τ. υυ	Ψ0.0700				ψο.σ.σ.	
Total Industrial		3,126,136	\$250,586.53	\$0.0802	3	3,076,426	\$242,648.19	\$0.0789	3	3,045,850	\$226,419.79	\$0.0743	3	2,974,706	\$242,013.17	\$0.0814	. 3
Interdepartmental (In - No Dmd)	ED1	88,393	\$9,034.02	\$0.1022	48	85,376	\$8,366.37	\$0.0980	48	87,978	\$8,365.07	\$0.0951	48	126,385	\$12,262.35	\$0.0970	) 48
Interdepartmental (Out - No Dmd)	ED10	0	\$0.00	\$0.0000	1	0	\$0.00	\$0.0000	1	0	\$0.00	\$0.0000	1	0	\$0.00	\$0.0000	
Interdepartmental (In - w/Dmd)	ED2	265,565	\$26,497.58	\$0.0998	20	221,105	\$21,078.59	\$0.0953	20	221,353	\$20,491.16	\$0.0926	20	245,576	\$23,251.25	\$0.0947	20
Generators (JV2 Power Cost Only)	GJV2	7,858	\$319.03	\$0.0406	1	15,302	\$459.52	\$0.0300	1	16,349	\$817.12		1	18,796	\$597.15	\$0.0318	<u>.</u>
Generators (JV5 Power Cost Only)	GJV5	12,084	\$490.61	\$0.0406	1	13,008	\$390.63	\$0.0300	1	13,759	\$687.67	\$0.0500	1	16,535	\$525.32	\$0.0318	, 1
Total Interdepartmental		373,900	\$36,341.24	\$0.0972	71	334,791	\$30,295.11	\$0.0905	71	339,439	\$30,361.02	\$0.0894	71	407,292	\$36,636.07	\$0.0900	71
SUB-TOTAL CONSUMPTION & DEMAN	ND	13,874,506	\$1,437,764.82	\$0.1036	5,899		\$1,430,783.74	\$0.1011	5,870		. , ,		5,870		, ,,		5,85
		========	========				=========		-		=========	ļ	-		========	1	1
Stroot Lights (In)	61.0	_	Φ4.4.00	<b>\$0,000</b>	10		Φ04.04	ቀለ ለሰሰሳ	40	_	014.00	<b>#0.0000</b>	10	_	014.00	<b>#0.0000</b>	
Street Lights (In)	SLOO SLOO	0	\$14.20	\$0.0000	19	0	\$24.21	\$0.0000	16	0			16	0	\$14.20	•	1
Street Lights (Out)	2L00		\$0.77 	\$0.0000	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	2		\$0.77	\$0.0000	
Total Street Light Only		0	\$14.97	\$0.0000	21	0	\$24.98	\$0.0000	18	0	\$14.97	\$0.0000	18			\$0.0000	18
TOTAL CONSUMPTION & DEMAND		13,874,506		\$0.1036		14,148,410	\$1,430,808.72	\$0.1011	5,888			\$0.0967				\$0.1014	

<b>BILLING DETERMINAN</b>	TS fo	<u>t</u>										
MARCH, 2014												
2014 - MARCH BILLING WITH FEBRUA	ARY 2014											
					Feb-14				Average	TOTAL	TOTAL	Avg.Cost
Class and/or	Rate	Jan-14	Jan-14	Cost / kWH	# of	Feb-14	Feb-14	Cost / kWH	# of	KWH USEAGE	BILLING	Per kWH
Schedule	Code	(kWh Usage)	<u>Billed</u>	For Month	Bills	(kWh Usage)	Billed	For Month	<u>Bills</u>	PRIOR 12 MO	PRIOR 12 MO	For Period
Residential (Dom-In)	E1	2,165,884	\$231,255.93		3,331	2,652,898	\$300,367.87		3,335	27,281,651	\$2,959,347.62	
Residential (Dom-In) w/Ecosmart	E1E	5,270	\$574.13		10		\$744.61	\$0.1150	9	65,160	\$7,182.19	
Residential (Dom-In - All Electric)	E2	682,321	\$66,585.78		607	868,660	\$95,411.75		611	6,594,954	\$692,395.88	
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	485	\$53.32	\$0.1099	1	661	\$75.86	\$0.1148	0	6,422	\$706.70	\$0.1100
Total Residential (Domestic)		2,853,960	\$298,469.16	\$0.1046	3,949	3,528,696	\$396,600.09	\$0.1124	3,955	33,948,187	\$3,659,632.39	\$0.1078
Residential (Rural-Out)	ER1	813,305	\$90,536.52	\$0.1113	740	1,023,444	\$120,315.45	\$0.1176	740	9,084,976	\$1,034,636.91	\$0.1139
Residential (Rural-Out) w/Ecosmart	ER1E	3,465	\$394.50		4		\$462.98	\$0.1209	3	30,389	\$3,614.86	
Residential (Rural-Out - All Electric)	ER2	553,525	\$60,424.35		387		\$81,026.24	\$0.1158	387	5,746,310	\$642,864.85	
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2,523	\$277.99		2		\$409.05	\$0.1161	1	20,536	\$2,339.29	\$0.1139
Residential (Rural-Out w/Dmd)	ER3	175,609	\$17,976.90		14		\$4,815.30		14	434,390	\$46,484.73	
Residential (Rural-Out - All Electric w/Dm	ER4	29,132	\$3,061.58		9		\$1,621.35		9	161,040	\$17,769.85	
Total Residential (Rural)		1,577,559	\$172,671.84		1,156	1,786,564	\$208,650.37		1,154	15,477,641	\$1,747,710.49	
, ,					· ·							
Commercial (1 Ph-In - No Dmd)	EC2	43,626	\$5,887.59	\$0.1350	72	50,780	\$7,084.93	\$0.1395	72	501,109	\$68,783.47	\$0.1373
Commercial (1 Ph-Out - No Dmd)	EC2O	13,541	\$2,057.64		41		\$2,345.41		40	162,366	\$24,843.01	
Total Commercial (1 Ph) No Dmd		57,167	\$7,945.23	\$0.1390	113	65,887	\$9,430.34	\$0.1431	112	663,475	\$93,626.48	\$0.1411
Commercial (1 Ph-In - w/Demand)	EC1	314,838	\$41,545.49		266	354,791	\$48,252.71	\$0.1360	264	4,021,372	\$534,723.00	
Commercial (1 Ph-Out - w/Demand)	EC10	35,202	\$4,606.73	\$0.1309	25	45,573	\$5,962.21	\$0.1308	25	429,891	\$56,383.32	\$0.1312
Total Commercial (1 Ph) w/Demand		350,040	\$46,152.22	\$0.1318	291	400,364	\$54,214.92	\$0.1354	289	4,451,263	\$591,106.32	\$0.1328
Commercial (3 Ph-Out - No Dmd)	EC4O	13,400	\$1,580.65	\$0.1180	2	12,240	\$1,532.99	\$0.1252	2	26,920	\$3,628.22	\$0.1348
Total Commercial (3 Ph) No Dmd		13,400	\$1,580.65	\$0.1180	2	12,240	\$1,532.99	\$0.1252	2		\$3,628.22	\$0.1348
		-,	. ,			, -	. ,			-,	,-	
Commercial (3 Ph-In - w/Demand)	EC3	1,447,027	\$166,491.55	\$0.1151	204	1,447,853	\$177.029.32	\$0.1223	205	18,890,085	\$2,188,378.13	\$0.1158
Commercial (3 Ph-Out - w/Demand)	EC3O	287,798	\$34,591.74		36	, ,	\$33,948.49		33	2,981,032	\$357,519.82	
Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	127,880	\$13,528.15		2		\$11,322.79		2	1,431,360	\$154,137.77	
Commercial (3 Ph-In - w/Demand, No Ta		1,800	\$217.47		1	1,760	\$222.21	\$0.1263	1	30,520	\$3,719.34	
Commercial (CTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT			Ψ=17.17	ψ0:1200			Ψ	ψ0.1200				ψ0.12.0
Total Commercial (3 Ph) w/Demand		1,864,505	\$214,828.91	\$0.1152	243	1,816,045	\$222,522.81	\$0.1225	241	23,332,997	\$2,703,755.06	\$0.1159
								]				
Large Power (In - w/Dmd & Rct)	EL1	2,225,771	\$210,865.07		24		\$218,102.07		24	29,416,067	\$2,761,993.21	
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	141,240	\$17,776.39		2		\$17,566.79		2		\$205,090.80	
Large Power (Out - w/Dmd & Rct)	EL10	70,200	\$7,601.59		1		\$8,360.23	\$0.1119	1	900,260	\$100,392.53	
Large Power (Out - w/Dmd & Rct, w/Sb0	EL2O	314,400	\$31,908.05		2		\$31,593.00		2		\$401,104.60	
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	80,917	\$6,758.58	\$0.0835	2	86,020	\$7,861.04	\$0.0914	2	980,009	\$110,510.71	\$0.1128
Total Large Power		2,832,528	\$274,909.68	\$0.0971	31	2,613,402	\$283,483.13	\$0.1085	31	36,699,096	\$3,579,091.85	\$0.0975
Total Large Power		2,832,528	\$274,909.68	\$0.0971	31	2,613,402	\$263,463.13	\$0.1085	31	36,699,096	\$3,579,091.65	\$0.0975
Industrial (In - w/Dmd & Rct, w/SbCr)	El1	1,980,102	\$157,408.43	\$0.0795	2	1,764,615	\$159,115.05	\$0.0902	2	23,472,180	\$1,872,396.31	\$0.0798
Industrial (In - w/Dmd & Rct, No/SbCr)	El2	1,034,124	\$87,121.03		1		\$76,569.36	\$0.0949	1	11,960,767	\$953,169.91	\$0.0797
								1				
Total Industrial		3,014,226	\$244,529.46	\$0.0811	3	2,571,522	\$235,684.41	\$0.0917	3	35,432,947	\$2,825,566.22	\$0.0797
Interdepartmental (In - No Dmd)	ED1	166,609	\$15,927.03	\$0.0956	48	183,455	\$19,016.54	\$0.1037	48	1,511,955	\$146,274.52	\$0.0967
Interdepartmental (Out - No Dmd)	ED10	0	\$0.00		1				1	125	\$11.64	
Interdepartmental (In - w/Dmd)	ED2	305,446	\$28,565.44		20		\$37,992.13		20	3,489,984	\$330,638.36	
Generators (JV2 Power Cost Only)	GJV2	13,913	\$457.60		1		\$644.27		1	190,157	\$5,758.51	
Generators (JV5 Power Cost Only)	GJV5	17,752	\$583.86		1	,	\$538.57		1	184,838	\$5,697.83	
Total Interdepartmental		F02 700	\$4F E22 00	\$0.0904	71				71			
·		503,720	\$45,533.93							5,377,059	\$488,380.86	
SUB-TOTAL CONSUMPTION & DEMAN	ND	13,067,105	\$1,306,621.08		5,859	13,395,178	\$1,470,310.57 		5,858	155,409,585	\$15,692,497.89 =======	
					_							
Street Lights (In)	SLO	0	\$14.20	\$0.0000	16	0	\$14.20	\$0.0000	16	0	\$180.41	\$0.0000
Street Lights (Out)	SLOO	0	\$0.77		2				2	0	\$9.24	
3 \ ',				, 1.1130				,				,
Total Street Light Only	-	0	\$14.97	\$0.0000	18	0	\$14.97	\$0.0000	18	0	\$189.65	\$0.0000
TOTAL CONSUMPTION & DEMAND		13,067,105	\$1,306,636.05	\$0.1000	5,877	13,395,178	\$1,470,325.54	\$0.1098	5,876	155,409,585	\$15,692,687.54	\$0.1010
		, ,	, . , ,			, , , , , , , , , ,	, ., <del>,,,==0.01</del>	, -,0000	,	, ,	+ · · · · · · · · · · · · · · · · · · ·	





2014 FEBRUARY - BILLIN Rate Comparisons to Prior Mo				MIPANISONS	IO PRIOR PE	NIOD3				
tate companisons to Frior Mc	iitii aiiu r	iloi reai ic	Jame Feriou							
			Current	Prior Month	Prior Year			Current	Prior Month	Prior Year
	Service	Service	March	February	March	Service	Service	March	February	March
Customer Type	Usage	Units	2014 Rate	2014 Rate	2013 Rate	Usage	Units	2014 Rate	2014 Rate	2013 Rate
Customer Type ->		RESID	ENTIAL USEI	R - (w/Gas Hea	<u>nt)</u>		RESID	ENTIAL USE	R - (All Electr	ic)
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	\$83.75	\$82.30	\$75.86	1,976	kWh	\$169.20	\$166.28	\$153.28
p			\$4.55	\$4.55	\$4.55			\$9.19	\$9.19	\$9.19
kWH Tax- Level 2										
kWH Tax- Level 3										
Total Floatric			#110.00	#100.20	#100.04		-	¢017.70	#01.4.0C	#001 00
Total Electric			\$110.83	\$109.38	\$102.94			\$217.78	\$214.86	\$201.86
Water	6	CCF	\$40.47	\$40.47	\$39.57	11	CCF	\$64.72	\$64.72	\$63.07
Sewer	6	CCF	\$54.58	\$54.58	\$54.58	11	CCF	\$76.78	\$76.78	\$76.78
Storm Water (Rate/ERU)		00.	\$9.50	\$9.50	\$9.50		00.	\$9.50	\$9.50	\$9.50
Refuse (Rate/Service)			\$18.00	\$18.00	\$18.00			\$18.00	\$18.00	\$18.00
1101000 (11010/0011100)			Ψ10.00	Ψ.σ.σσ	Ψ.0.00		_	ψ.σ.σσ	Ψ10.00	ψ.σ.σ.
Sub-Other Services			\$122.55	\$122.55	\$121.65			\$169.00	\$169.00	\$167.35
			ψ1=100				_			
Total Billing - All Services			\$233.38	\$231.93	\$224.59			\$386.78	\$383.86	\$369.21
Verification Totals->			\$233.38	\$231.93	<i>\$224.59</i>			\$386.78	\$383.86	\$369.21
				Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr				Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yi
Dollar Chg.to Prior Periods				\$1.45	\$8.79				\$2.92	\$17.57
% Inc/Dec(-) to Prior Periods				0.63%	3.91%				0.76%	4.76%
	=====	=====	=======		<u> </u> 	<u> </u> ======	====	======	=======	
Cost/kWH - Electric	978	kWh	\$0.11332	\$0.11184	\$0.10526	1,976	kWh	\$0.11021	\$0.10873	\$0.1021
% Inc/Dec(-) to Prior Periods	310	174411	ψυ.11002	1.32%	7.66%	1,370	KAAII	ψ0.11021	1.36%	7.88%
70 III.0/ Dec( ) to 1 II.0/ 1 ellous				1.02 /6	7.0076				1.00 /6	7.007
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%
2. 2.2() 2.2 1.12.1 2.13.0				212270	=:=: /6				515576	=:== /:
Cost/CCF - Sewer	6	CCF	\$9.09667	\$9.09667	\$9.09667	2	CCF	\$38.39000	\$38.39000	\$38.39000
Cost/GALLON - Sewer	4,488	GAL	\$0.01216	\$0.01216	\$0.01216	1,496	GAL	\$0.05132	\$0.05132	\$0.05132
% Inc/Dec(-) to Prior Periods				0.00%	0.00%				0.00%	0.00%
(Listed Accounts Assume SAME	USAGE fo	or kWH and	Water (CCF) for	r All Billing Periods	<u>;)</u>					

2014 FEBRUARY - BILLIN										
Rate Comparisons to Prior Mo										
•										
			Current	Prior Month	Prior Year			Current	Prior Month	Prior Year
	Service	Service	March	February	March	Service	Service	March	February	March
<u>Customer Type</u>	<u>Usage</u>	<u>Units</u>	2014 Rate	2014 Rate	2013 Rate	<u>Usage</u>	<u>Units</u>	2014 Rate	2014 Rate	2013 Rate
	<u> </u>		IAL LICED	/2 Dhaga w/Da		,,	VDUCTRI	AL UCED (	2 Phase w/Der	d)
<u>Customer Type -&gt;</u>	<u> </u>	JININERC		(3 Phase w/De		<u> </u>	<u> </u>		3 Phase w/Der	
Electric Customer Charge			\$18.00	\$18.00	\$18.00	00 740		\$100.00	\$100.00	\$100.00
Distribution	00.04	L-W/DI	\$92.86	\$92.86	\$92.86	98,748	Reactive	\$7,279.05	\$7,279.05	\$7,279.05
Demand	20.31	kW/Dmd	<b>0740.05</b>	Φ <b>7</b> 00 Ε4	<b>#</b> 000 00	1510.1	kW/Dmd	\$16,575.66	\$15,243.80	\$16,219.62
Generation	7,040	kWh	\$743.85	\$703.51	\$683.30	866,108	kWh	\$49,327.04	\$48,965.01	\$42,687.02
p LW// Table 1 and 0			\$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						1		\$3,087.71	\$3,087.71	\$3,087.71
			4005.45	4044.00	4004.00			470 407 00	A-4-4-4-	400 400 00
Total Electric			\$885.17	\$844.83	\$824.62			\$76,435.36	\$74,741.47	\$69,439.30
Water	0.5	005	<b>#100.00</b>	<b>#</b> 100.00	<b>#100.07</b>	000	005	<b>04 405 54</b>	Ф4 400 F4	Φ1 100 F1
Water	25	CCF	\$129.82	\$129.82	\$126.07	300	CCF	\$1,465.51	\$1,420.51	\$1,420.51
Sewer	25	CCF	\$138.94	\$138.94	\$138.94	300	CCF	\$1,359.94	\$1,359.94	\$1,359.94
Storm Water (Rate/ERU)			\$9.50	\$9.50	\$9.50			\$330.00	\$330.00	\$330.00
Refuse (Rate/Service)			\$5.00	\$5.00	\$5.00	1		\$5.00	\$5.00	\$5.00
			4000.00	4000.00	4070.54	1		40.400.45	00.445.45	00.445.45
Sub-Other Services			\$283.26	\$283.26	\$279.51	1		\$3,160.45	\$3,115.45	\$3,115.45
Total Billian All Comissos			#1 1CO 42	£1 100 00	61 104 12	_		#70 F0F 01	#77.056.00	#70 FF 4 7F
Total Billing - All Services			\$1,168.43	\$1,128.09	\$1,104.13			\$79,595.81	\$77,856.92	\$72,554.75
Verification Totals->			\$1,168.43	\$1,128.09	\$1,104.13			\$79,595.81	\$77,856.92	\$72,554.75
Dollar Cha to Prior Parioda				Cr.Mo to Pr.Mo	<u>Cr.Yr to Pr.Yr</u> \$64.30	1			<u>Cr.Mo to Pr.Mo</u>	<u>Cr. Yr to Pr. Yr</u>
Dollar Chg.to Prior Periods				\$40.34 3.58%	5.82%				\$1,738.89 2.23%	\$7,041.06 9.70%
% Inc/Dec(-) to Prior Periods				3.36%	5.02%				2.23%	9.70%
=========	=====	=====	======	=======	=======	=====	=====	======	=======	======
Cost/kWH - Electric	7,040	kWh	\$0.12573	\$0.12000	\$0.11713	866,108	kWh	\$0.08825	\$0.08630	\$0.08017
% Inc/Dec(-) to Prior Periods	.,		ψοσσ	4.78%	7.34%	300,100	10000	ψο.οσοΞο	2.26%	10.08%
70 1110/200( ) 10 1 1101 1 011000					7.10.70	1			2.2070	10.0070
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	GAL	\$0.00784	\$0.00760	\$0.00760
% Inc/Dec(-) to Prior Periods	,		, : · · · = · · · ·	0.00%	2.97%	- ,			3.17%	3.17%
				212270	,				2111 /6	5111,0
Cost/CCF - Sewer	6	CCF	\$23.15667	\$23.15667	\$23.15667	250	CCF	\$5.43976	\$5.43976	\$5.43976
Cost/GALLON - Sewer	4,488	GAL	\$0.03096	\$0.03096	\$0.03096	187,000	GAL	\$0.00727	\$0.00727	\$0.00727
% Inc/Dec(-) to Prior Periods	-,		Ţ <b>.</b>	0.00%	0.00%	101,000		+ - · · · · · ·	0.00%	0.00%
(Listed Accounts Assume SAME								_		

February 18, 2014

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

#### Dear AMP Member,

Due to extreme weather and other market driven conditions the power supply costs incurred in the month of January were significantly higher than expected for many of our members. Recognizing these costs are higher than anticipated, the AMP Board of Trustees is providing your municipality the opportunity to defer a portion of these cost increases which are reflected on your February AMP invoice for January power.

AMP will provide two billing service options from which you may choose to defer these costs. These options will provide you the opportunity to defer payment for the amount which resulted due to the increase over your December 2013 invoice. The first option would be to spread the resulting dollar figure over a 3 month period of time or you may choose to defer the dollar figure over a 6 month period of time. If you need other payment arrangements, please call the contact person(s) below.

AMP will place the dollar amount chosen on its revolving line of credit and will charge you interest at AMP's cost of borrowing. Currently the cost of borrowing on AMP's line of credit is approximately 1.25% per annum.

We have attached a copy of the February invoice for January power to this correspondence for your review.

Shown below is a table calculating the dollar figure from your AMP invoice for the amount you may elect to defer under either of these two options:

### Napoleon, OH

December 2013 Actual \$/mWh January 2014 Actual \$/mWh	\$75.35 <u>\$82.79</u>
Estimated Increase \$/mWh	<u>\$7.44</u>
January Actual Usage-kWh Dollar Amount Eligible for Billing Service Option	15,559,087 \$115,798.74

Please utilize Attachment A as a form for you to elect either of the two options. If you do not want to participate in either of the billing service options, all you have to do is pay the amount on your invoice. AMP will be happy to provide an invoice in final form at your request should you choose to pay the invoice as is.

If you elect either of the billing service options, AMP will provide a revised invoice indicating the dollar amount deferred for the time chosen on Attachment A. If you have any questions please contact Tom Sillasen or Andy Blair of the AMP Billing Department as shown in Attachment A.

Thank you

Andrew R. Blair Assistant Vice President – Quality Systems American Municipal Power - Inc

CC: Tom Sillasen - AMP

## Billing Service Option Election Form

Utilize the	Following for choosing either	er 3 or 6 Month deferral billin	g option
Total \$ Am	ount Deferred*		
Please Divi	ide Dollar Amount by your d	leferral choice (either 3 or 6 ı	months as shown below)
3 Month	February Power Invoice March Power Invoice April Power Invoice		
	Total	*(Total Ag	rees to Total \$ Amount Deferred)
OR:			
6 Month	February Power Invoice March Power Invoice April Power Invoice May Power Invoice June Power Invoice July Power Invoice		
	Total	*(Total Ag	rees to Total \$ Amount Deferred)
OR:			
***************************************	autaat AMD ta aan Suus Ot	her Arrangments before re	
We agree to over the de cost is current above. AM	o repay these dollar amoun ferral period chosen above ently 1.25% per annum but	ts to AMP in equal installment. I realize that AMP's line of	nts plus accrued interest credit interest is billing service option period chosen payment
Signed: Me	ember Authorized Represen	- tative	Date
Approved a	as to Form by Member Law	_ Director/Solicitor	Date
Please retu	ırn this this form to:	Tom Sillasen or Andy Blair Americian Municipal Power	

Americian Municipal Pow 1111 Schrock Road Columbus, OH 43229 To: AMP Power Supply Members From: Marc Gerken, President/CEO Subject: January Power Invoices

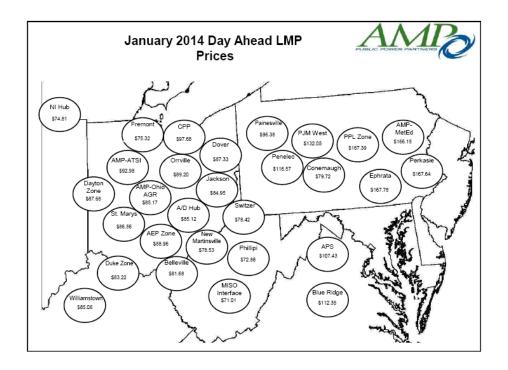
Date: February 18, 2014



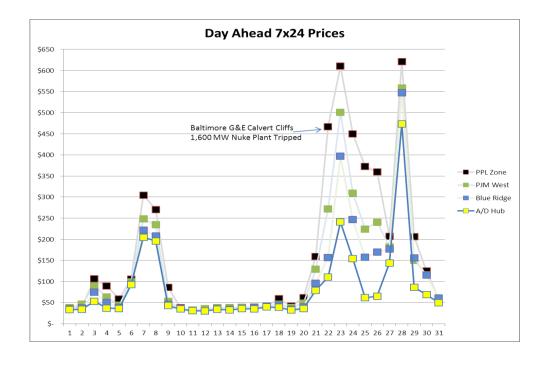
The extremely cold weather in January and February 2014 has caused many operational challenges for the Regional Transmission Organization system operators. Plant outages, high electric demand, and constrained transmission lines, coupled with constrained natural gas supplies to some power plants, resulted in emergency operations on a number of days. The tight supply situation caused unusually high energy prices and price volatility throughout the month.

During recent stakeholder meetings, PJM warned load-serving entities that two factors, congestion and operating reserve charges, were both at, or near, historic highs in January. Energy prices were so high, in fact, that on February 5, 2014, PJM declared two East Coast retail electric suppliers in default for not paying a weekly invoice from January. The two retailers are prohibited from further participation in the PJM markets.

The high prices in PJM will affect all members. Even members who cover a significant portion of their load with participation in generation projects or fixed price contracts (including fixed partial requirements contracts) will be affected. Generation projects and fixed price contracts provide a hedge against the base cost of energy; however, congestion is related to the difference in the locational marginal pricing (LMPs) between the resource location and the load location, and is in addition to the base cost of energy. Below is a map showing the average January day ahead LMP prices for the relative nodes in the AMP footprint. The map shows that considerably high energy costs were seen throughout the PJM footprint, with particularly high congestion impacting the Pennsylvania and Virginia Members.

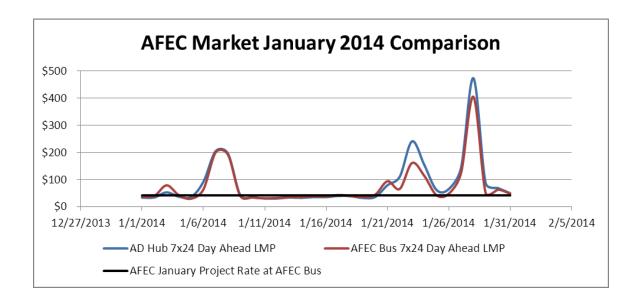


Below is a chart showing the high volatility in the day ahead pricing throughout the month. In addition to the impact on congestion charges, these energy prices are borne by AMP members buying even a small portion of their energy on the market.



Another factor impacting rates are the unusually high PJM operating reserve charges. These charges are based upon PJM's dispatch of uneconomic generation to maintain reliability. These charges are shared by load in proportion to the size of the load, and cannot be hedged. For January, these PJM charges were 2 to 10 times higher than the December 2013 charges, depending on the PJM zone.

On a positive note, both AFEC and Prairie State performed well throughout the month. The cost of energy for AFEC was about \$20/MWh below the forecasted rate, and Prairie State performed at about 81% capacity factor. When economical to do so, JV1, JV2, JV5 and other peaking units were used strategically throughout the month. The below chart illustrates the value of generating assets compared to market prices in January.



Depending on a Member's physical location, portfolio mix and resource delivery locations, some January power invoices are significantly higher than their forecasted prices. In order to help lessen the impact of the high January power invoices for Members, the AMP Board approved the utilization of the AMP line of credit to offer a rate levelization option for the Members. Attached is additional information regarding this option.

Also attached is a letter to FERC, PJM and the Independent Market Monitor from industrial customers and consumer representatives requesting FERC action on the high January energy and ancillary service charges in PJM. AMP is in the process of drafting a similar letter with other public power entities.

#### **VIA EMAIL AND FIRST CLASS MAIL**

The Honorable Cheryl A. LaFleur, Acting Chairman The Honorable Philip D. Moeller, Commissioner The Honorable John R. Norris, Commissioner The Honorable Tony Clark, Commissioner Federal Energy Regulatory Commission 888 First Street, NE Washington, DC 20002

Mr. Terry Boston, President and CEO
Mr. Andrew L. Ott, Executive Vice President - Markets
Mr. Michael Kormos, Executive Vice President - Operations
PJM Interconnection, L.L.C.
Valley Forge Corporate Center
2750 Monroe Boulevard
Audubon, PA 19403

Dr. Joseph E. Bowring PJM Independent Market Monitor Monitoring Analytics, LLC 2621 Van Buren Avenue, Ste. 160 Valley Forge Corporate Center Eagleville, PA 19403

#### **RE:** PJM Winter Weather Operations

Dear Chairman, Commissioners, PJM Management, and PJM Independent Market Monitor:

We are writing on behalf of more than 60 million consumers in the region served by PJM Interconnection, L.L.C. ("PJM"). As we receive and digest more and more information about the recent winter weather operations in the PJM region, it is becoming apparent that the unprecedented energy and ancillary service prices that occurred in January were not reflective of smoothly operating market fundamentals, but were, instead, reflective of significant and systemic inefficiencies.

For example, we know that more than 40,000 MW of generation was unavailable during critical periods in January due to forced outages. This is the same generation for which consumers in the PJM region are paying billions of dollars in capacity payments each year so that the generation would be available during peak periods.

We also know that severe constraints on interstate natural gas pipelines contributed, at least in part, to natural gas supply shortages in some areas and historically high delivered prices for natural gas in many areas.

The bill impacts of these January events are just now reaching consumers in the PJM region. The reality is that events during January are causing some consumers in the PJM region to receive monthly bills that are 3-4 times the total monthly bill they received a year prior (for service during January 2013) or even a month prior (for service during December 2013). Electricity bills at these levels are having severe adverse impacts on major employers in the PJM region. In addition to these severe direct impacts on consumers that are exposed to day-ahead and real-time pricing and full pass-through of ancillary service charges, all consumers are at risk of higher prices in the future as a result of the events that occurred in January.

On behalf of consumers in the PJM region, we formally request that:

- The Commission, with assistance from PJM and the PJM Independent Market Monitor ("IMM"), conduct a comprehensive root cause analysis of the generation outages and historically high natural gas prices that surfaced in the PJM region during January 2014;
- 2. The Commission, with assistance from PJM and the IMM, issue a report with its findings, identify potential solutions to address findings that are within the Commission's remedial jurisdiction, and identify any findings that may be beyond the Commission's remedial jurisdiction; and
- 3. The Commission, with assistance from PJM and the IMM, institute, as soon as possible, processes for expedient vetting and implementation of all feasible solutions that are within the Commission's remedial jurisdiction.

We pledge our assistance in whatever manner the Commission, PJM, and the IMM may find helpful. Thank you.

Very truly yours,

Representatives of PJM Consumers

/s/ David L. Bonar

David L. Bonar
Public Advocate
Delaware Division of the Public Advocate

/s/ Sandra Mattavous-Frye

Sandra Mattavous-Frye
People's Counsel
Office of the People's Counsel for the District of Columbia

#### /s/ Kristin Munsch

Kristin Munsch
Director of Policy and Senior Attorney
Illinois Citizens Utility Board

## /s/ Robert G. Mork

Robert G. Mork
Deputy Consumer Counselor for Federal Affairs
Indiana Office of Utility Consumer Counselor

#### /s/ Jack Conway

Jack Conway
Attorney General of Kentucky
For the Commonwealth of Kentucky

#### /s/ Paula M. Carmody

Paula M. Carmody People's Counsel Maryland Office of People's Counsel

## /s/ Stefanie A. Brand, Esq.

Stefanie A. Brand, Director New Jersey Division of Rate Counsel

#### /s/ Kyle L. Kern

Kyle L. Kern Assistant Consumers' Counsel Office of the Ohio Consumers' Counsel

## /s/ Tanya J. McCloskey

Tanya J. McCloskey Acting Consumer Advocate Pennsylvania Office of Consumer Advocate

## /s/ Vance L. Broemel

Vance L. Broemel, Senior Counsel
Office of Tennessee Attorney General
Consumer Advocate and Protection Division

## /s/ C. Meade Browder Jr.

C. Meade Browder Jr.
Senior Assistant Attorney General
Division of Consumer Counsel
Virginia Office of the Attorney General

## /s/ Jacqueline Lake Roberts

Jacqueline Lake Roberts
Director - Consumer Advocate Division
West Virginia Public Service Commission

## /s/ Robert A. Weishaar, Jr./Susan E. Bruce

Robert A. Weishaar, Jr./Susan E. Bruce Counsel PJM Industrial Customer Coalition

c: Gregory V. Carmean, Esq. Executive Director Organization of PJM States, Inc. (For Distribution To All OPSI Members)

## Electric Department Report February 2014

There were 9 callout/outages during the month of February. Two callouts were to locate underground electric for water line freeze ups. Three callouts were due to bad weather that blew line fuses. One callout was due to a house insulator that pulled off the house. One outage was caused by a bad copper wire. One callout was for a tree well outlet that burned. One callout was for a frozen connection to the transformer.

Line Department/Service Truck: Line crews repaired a pole on County Road 13 due to a car accident. Crews removed a light pole hit by City snow plow on Lemans. Crews installed a security light at 9237 County Road P. Crews replaced a transformer on Union St. due to voltage problems. Crews removed a service at Plumber Spray and routed the service to Speiser Electric. Crews installed guy wires and anchors on a farm on State Route 108. Crews repaired a bad underground wire on State Route 108. Crews attended safety training and performed truck and tool maintenance and shop maintenance. Crews repaired downtown tree well outlets that burned. The Service Truck completed locates and work orders.

**Substation Department:** Todd and Nikk did a factory inspection for the new substation bucket truck. They also worked on compliance documents and reports in the office. Todd and Nikk installed a capacitor controller at Old Castle Precast. They also performed monthly inspections and routine maintenance at all substations.

**Forestry Department:** Jamie and T.J. trimmed trees on State Route 424, Riverview Ave., Daggett Dr., S. Perry St. and removed a tree from 525 W. Maumee Ave.

**Storeroom/Inventory/Metering Department:** Shawn Druhot read meters, cleaned and ordered inventory for stock and special projects. Shawn accepted florescent bulbs for recycling.

The Peak Load for February, 2014 was 25.47 MW occurring on the 12<sup>th</sup> at 10:00 A.M. This was an increase of .83 MW from February, 2013. The average load for February, 2014 was 19.91 MW. This was an increase of .34 MW from February 2013. JV 2 and JV 5 ran on 2/11 and 2/17/2014 and produced 5.4 MW on each of those days. The gas turbines did not run in February. The AMP Solar Field showed a peak of 3.71 MW and the KWH output was 269,057.50

03/04/2014 DPC/klm

## City of Napoleon, Ohio



## SUMMARY OF FEBRUARY 2014 OUTAGE/STANDBY CALL-OUTS

## February 2, 2014:

Electric personnel were dispatched at 2:45 a.m. to Glenwood Ave. & Bales Rd. due to a power outage. The outage lasted one hour and forty five minutes and affected fifty six customers. The outage was due to a bad line fuse. The personnel replaced the fuse.

## February 11, 2014:

One employee was dispatched at 4:00 p.m. to 1097 Dodd St. to locate electric lines for the Water Department due to a frozen water line.

#### February 12, 2014:

One employee was dispatched at 3:30 p.m. to 511 Orwig Ave. due to a house insulator that pulled out from the house. The employee replaced the insulator.

## February 16, 2014:

One employee was dispatched at 8:05 a.m. to 1050 Lagrange St. to locate electric lines for the Water Department due to a frozen water line.

## February 20, 2014:

One employee was dispatched at 9:00 p.m. to Perry St. for a tree well outlet that burned. The employee replaced the outlet and the cover.

## February 20, 2014:

One employee was dispatched at 10:30 p.m. to County Road V east of County Road 11 due to a power outage. The outage lasted one hour and affected thirty eight customers. The outage was due to lightning that blew a line fuse. The employee replaced the fuse.

## February 20, 2014:

Electric personnel were dispatched at 11:00 p.m. to Glenwood Estates due to a power outage. The outage lasted four hours and affected one hundred and one customers. The outage was due to a frozen connection to the transformer.

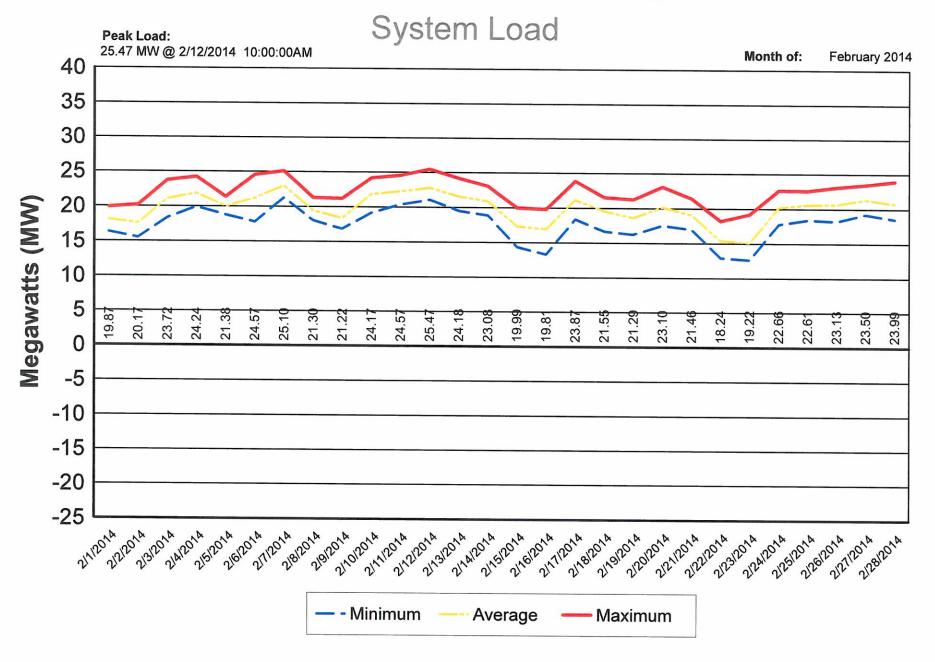
## February 20, 2014:

One employee was dispatched at 11:30 p.m. to County Road 11 north of County Road V due to a power outage. The outage lasted two hours and affected fifteen customers. The outage was due to lightning that blew a line fuse. The employee replaced the fuse.

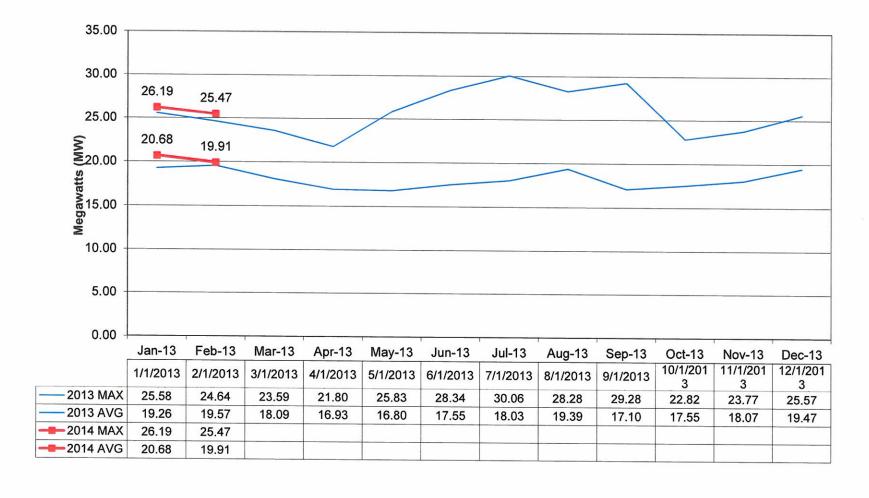
## February 21, 2014:

Electric personnel were dispatched at 5:45 p.m. to M063 County Road 12 due to a power outage. The outage lasted three hours and affected one customer. The outage was due to a copper wire that broke. The personnel repaired the wire.

## Napoleon Power & Light



## **NAPOLEON POWER & LIGHT**



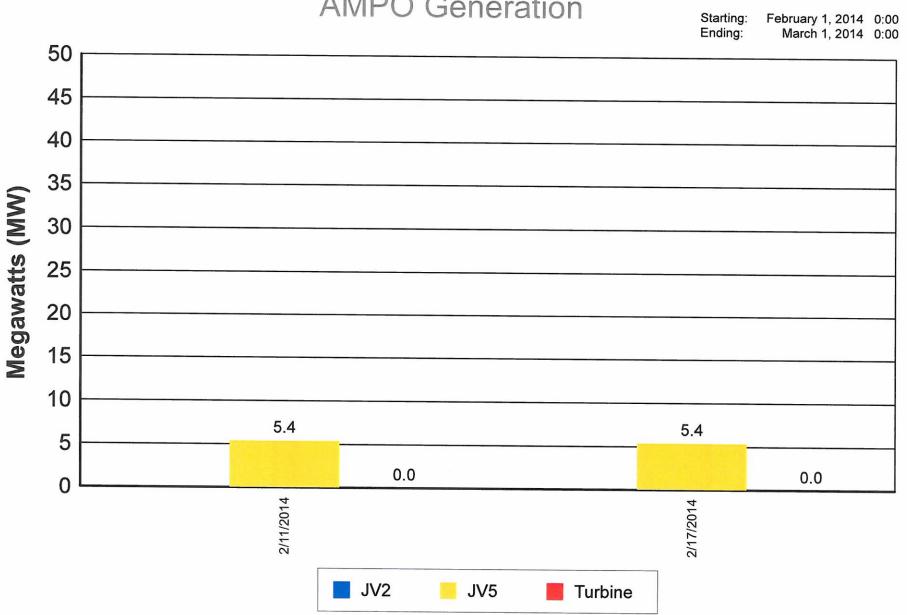


<sup>\*\* 900-1400</sup> residential homes served / MW average load

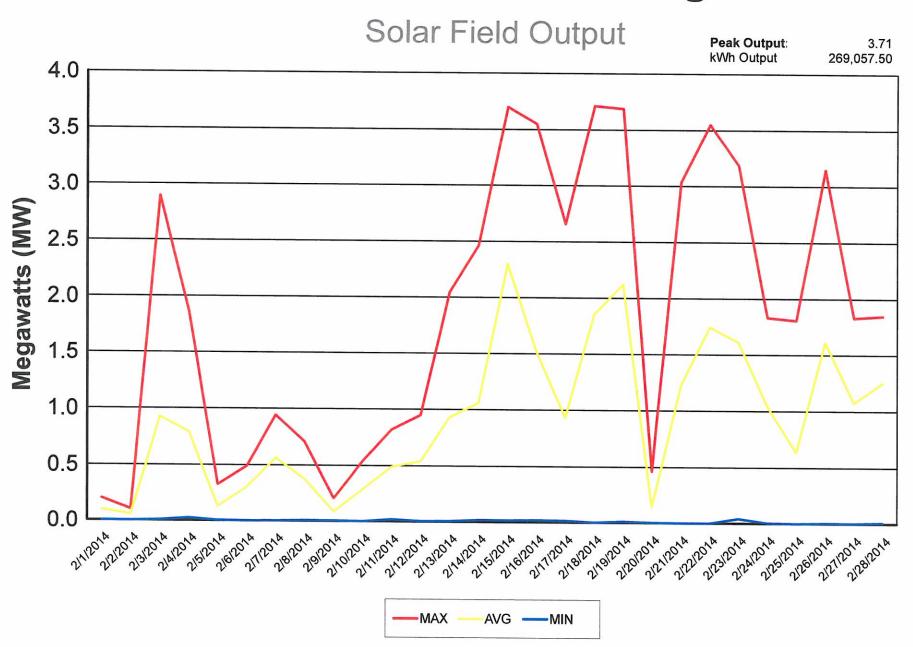
<sup>\*\* 300-800</sup> residential homes served / MW peak load

# Napoleon Power & Light





# Napoleon Power & Light





## Efficiency Smart Cumulative to Date Summary Report for City of Napoleon

Reporting Period: 1/1/2011 through 12/31/2013

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

Sector	Quantity	MWh Savings	Lifetime MWh Savings	Annual Customer Savings	Lifetime Customer Savings	Rebates/Incentives Paid Program to Date
Custom Incentives	2,439	3,606	50,868	\$281,062	\$4,197,523	\$110,600
Prescriptive Rebates	115	24	321	\$2,715	\$30,831	\$1,650
Residential	13,539	582	4,748	\$56,847	\$454,838	\$38,919
Total	16,093	4,212	55,937	\$340,624	\$4,683,193	\$151,169

#### **Summary of Residential Installed Efficiency Measures**

Measure Desc	MWh Savings	Annual Customer Savings	Rebates Paid Program to Date
Compact fluorescent screw-base bulb	197	\$20,447	\$9,859
Dehumidifier	0	\$22	\$25
Energy Star CEE Tier 1 refrigerator, incremental cost	4	\$486	\$1,450
Energy star refrigerator	5	\$517	\$1,950
Energy Star washer	21	\$4,379	\$3,900
Free CFL screw-base bulb	188	\$13,699	\$12,232
Freezer early retirement program, secondary	33	\$3,541	\$2,116
Furnace fan motor	5	\$528	\$500
Refrigerator early retirement program, secondary	86	\$9,600	\$5,004
Specialty Bulb	43	\$3,628	\$1,883
Total	582	\$56,847	\$38,919

## Summary of Commercial & Industrial Projects with Installed Efficiency Measures

Program Type	Company Name	Zip	Manager/ KAM	Measure Category Description	Measure Desc	MWh Savings	Annual Customer Savings	Incentives Paid Program to Date	Complete Month/Year
Custom Rebates	Advanced Drainage Systems	43545	Carl Andre	Light Bulb/Lamp	Compact fluorescent screw-base bulb	1	\$73	\$3	September 201
				Lighting Efficiency/Controls	Occupancy sensors	29	\$2,402	\$2,721	September 201
				Lighting Hardwired Fixture	Linear fluorescent T8, super	3	\$189	\$180	September 201
					Metal halide fixture pulse start	13	\$1,337	\$339	September 201

## Summary of Commercial & Industrial Projects with Installed Efficiency Measures

Program Type	Company Name	Zip	Manager/ KAM	Measure Category Description	Measure Desc	MWh Savings	Annual Customer Savings	Incentives Paid Program to Date	Complete Month/Year
Custom Rebates	Advanced Drainage Systems	43545	Carl Andre	Lighting Hardwired Fixture	New Super T8 High-Bay	120	\$7,740		
					Relamp/Reballast to Super T8	26	\$2,028	\$289	September 2011
	Alex Products, Inc.	43555	Ryan Calkins/Marv in Davis	Lighting Hardwired Fixture	New T5 High-Bay	507	\$42,443	\$10,300	August 2013
	Automatic Feed Company	43545	Justin	Lighting Hardwired	New T5 High-Bay	416	\$29,793	\$16,425	April 2013
			Kale/Carl Andre	Fixture	Relamp/Reballast to Super T8	14	\$1,014	\$1,350	April 2013
	B & B Molded Products	43545	Justin Kale/Carl	Compressed Air	Compressed air, compressor	97	\$8,682	\$4,000	May 2012
			Andre	Industrial Process Efficiency	Injection Molding Machines	77	\$7,462	\$3,900	October 2011
	City of Napoleon	43545	Ryan Fry	Lighting Hardwired Fixture	New Super T8 High-Bay	58	\$4,647	\$2,550	January 2013
					New Super T8 Troffer/Wrap	4	\$298		January 2013
					New Super T8 Vapor Proof	12	\$1,016	\$304	
					New T5 High-Bay	64	\$4,617	\$2,100	September 2013
	Cloverleaf Cold Storage	51111	Ryan Fry/Marvin Davis	Lighting Efficiency/Controls	Occupancy sensors	78	\$6,657	\$11,052	November 2013
	Culligan Water			Lighting Hardwired Fixture	LED High- and Low-Bay Fixtures	844	\$61,007	\$18,948	November 2013
	Culligan Water	43545	Fry/Marvin Davis	Lighting Efficiency/Controls	Occupancy sensors	1	\$83	\$360	August 2013
				Lighting Hardwired Fixture	Exit signs, LED	1	\$100	\$320	August 2013
					Linear fluorescent T8	3	\$460		August 2013
	K III AM				New Super T8 Industrial/Strip	15	\$1,490	\$720	August 2013
	Keller Warehousing & Distribution, LLC	43545	Ryan Fry/Carl Andre	Lighting Efficiency/Controls	Occupancy sensors	46	\$4,476	\$764	July 2012
	011 0110		TO CONTROL OF THE STATE OF THE	Lighting Hardwired Fixture	New T5 High-Bay	45	\$3,411	\$2,036	July 2012
	Ottawa Oil Company	43545	Ryan Calkins/Marv in Davis	Lighting Hardwired Fixture	LED Refrigerated Case Lighting	18	\$1,883	\$1,850	July 2013
			Davis		Linear fluorescent T8, super	30	\$2,635	\$550	July 2013
					Miscillaneous LEDs	2	\$236	\$0	July 2013
	Snyder Chevrolet Company	43545	Justin Kale/Carl Andre	Lighting Hardwired Fixture	New T5 Vapor Proof	84	\$8,348	\$4,850	August 2011
	Tenneco	43545	Emerson Harewood/C arl Andre	Lighting Hardwired Fixture	New T5 High-Bay	597	\$37,556	\$18,000	September 2013

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	Tippman & Associates	43545	Justin Kale/Carl Andre	Motor Controls	Variable Frequency Drive, Industrial Process	403	\$38,980		January 2012
	Total					3,606	\$281,062	\$110,600	
Prescriptive Rebates	Edward Jones	43545	J.R. Chisolm	Lighting Hardwired Fixture	Linear fluorescent T8, super	2	\$125	\$180	April 2011
	George's Furniture and Bedding	43545	Sean Clement/Mar vin Davis	Lighting Hardwired Fixture	Linear fluorescent T8	4	\$985	\$350	December 2013
	German Mutual Insurance	43545	Clement/Se an Clement	Air Conditioning Efficiency	Unitary air conditioning system	0	\$18	\$200	October 2012
				Motor Controls	Variable frequency drive motor control	6	\$595	\$200	October 2012
	Napoleon Veterinary Clinic, Inc	43545	Sean Clement/Jac	Light Bulb/Lamp	LED Screw Base Lamp	3	\$221	\$120	December 2013
			kson Hale	Lighting Hardwired Fixture	Relamp/Reballast T8 to HPT8	2	\$114	\$60	December 2013
	R. Jeffrey Heinrichs, D.D.S.	43545	Sean Clement/Mar vin Davis	Lighting Hardwired Fixture	Exit signs, LED	0	\$30	\$100	July 2013
	Super Wash, Inc.	61270	Carl Andre	Lighting Efficiency/Controls	Occupancy sensors	1	\$86	\$38	September 2011
				Lighting Hardwired Fixture	New T5 Vapor Proof	6	\$541	\$402	September 2011
	Total	2000000				24	\$2,715	\$1,650	
Total						3,629	\$283,777	\$112,250	

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		2/28/2014
Golden Living Centers	5201-6668	Golden Living Centers - HVAC - December 2013	ACTIVE	Ryan Fry	Analysis to Recommendation	20.0	Rebate Amount to be Determined	2/21/2014
Active Projects			2			87	\$4,000	

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
City of Napoleon	5000-5867	City Office Lighting Project	ACTIVE	Marvin Davis	Identify Opportunity	45.0	Rebate Amount to be Determined	11/29/2013
City of Napoleon	5000-6509	Napoleon City Hal - LED/T8 Lighting - November 2013	ACTIVE	Marvin Davis	Activity	10.0	Rebate Amount to be Determined	6/2/2014
City of Napoleon - Waste Water Treatment Plant		Napoleon Waste Water Treatment - T8 Lighting- February 2014	ACTIVE	Marvin Davis	Opportunity ISBT	14.0	Rebate Amount to be Determined	4/4/2014

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

Common Name								Estimated
City of Napoleon Police Dept.	Job-Project	Opportunity Title	Status	Manager	Current Milestone	Est MWH	Est Incentive	Complete Date
	5000-5486	City of Napoleon Police Department Lighting Upgrade	ACTIVE	Marvin Davis	PreQualified	17.0	Rebate Amount to be Determined	10/4/2013
Cloverleaf Cold Storage	5000-1264	Cloverleaf Cold Storage-Motors/VFD April 2011, Napoleon	ACTIVE	Marvin Davis	Identify Opportunity	170.0		12/31/2013
Cloverleaf Cold Storage	5000-6195	Cloverleaf Cold Storage - Lighting - October 2013	ACTIVE	Marvin Davis		44.0	\$2,000	1/31/2014
Cloverleaf Cold Storage	5000-6921	Cloverleaf Cold Storage - Lighting - January 2014	ACTIVE	Marvin Davis	Rebate Estimate Provided	128.0	\$6,000	6/1/2014
Cloverleaf Cold Storage	5000-6967	Cloverleaf Cold Storage - Interior Lighting HP T8 - January 2014	ACTIVE	Marvin Davis	PreQualified	104.7	Rebate Amount to be Determined	4/1/2014
Hahn Center	5000-5485	Hahn Center Lighting Retrofit	ACTIVE	Marvin Davis	PreQualified	80.0	Rebate Amount to be Determined	9/27/2013
Henry County Courthouse	5000-5482	Henry County Courthouse Lighting and Controls Upgrade	ACTIVE	Marvin Davis	PreQualified	70.0	Rebate Amount to be Determined	11/29/2013
Henry County Courthouse	5000-5865	Elevator Upgrade	ACTIVE	Marvin Davis	PreQualified	25.0	Rebate Amount to be Determined	10/31/2013
Henry County Highway Garage	5000-6687	Henry County Highway Garage - LED Lighting - December 2013	ACTIVE	Marvin Davis	PreQualified	10.0	Rebate Amount to be Determined	8/1/2014
Henry County Hospital	5000-7014	Henry County Hospital-Multi-February 2014-Napoleon- Initial	ACTIVE	Marvin Davis	Identify Opportunity	70.0	Rebate Amount to be Determined	6/6/2014
Henry County Senior Center	5000-7015	Henry County Senior Center-Freezer Replacement- February 2014	ACTIVE	Marvin Davis	Opportunity ISBT	15.0	Rebate Amount to be Determined	4/1/2014
Kurtz Ace Hardware	5000-6040	Kurtz Hardware Lighting Upgrade Project.	ACTIVE	Marvin Davis	Identify Opportunity	15.0	Rebate Amount to be Determined	12/6/2013
Living Waters Tabernacle	5000-6033	Living Waters Lighting	ACTIVE	Marvin Davis	Activity	8.0	Rebate Amount to be Determined	10/31/2013
Maumee Valley Restorations	5000-6039	Maumee Valley Restorations Lighting Upgrade	ACTIVE	Marvin Davis	Identify Opportunity	5.0	Rebate Amount to be Determined	11/29/2013
Napoleon Area City Schools	5000-5487	Napoleon City Schools- New Construc- Aug 2013- Jr High & High	ACTIVE	Marvin Davis	Request Tech Assist	125.0	Rebate Amount to be Determined	7/2/2015
Napoleon Area City Schools	5000-5581	Napoleon City Schools- New Construc - Aug2013- PK-6 Elementary	ACTIVE	Marvin Davis	Tech Assist OK	100.0	Rebate Amount to be Determined	7/2/2015
RailTech Boutet, Inc	5000-5698	Railtech	ACTIVE	Marvin Davis	Rebate Estimate Provided	52.0	\$2,500	11/29/2013
St. Paul Lutheran Church and School	5000-6846	St. Paul Lutheran School - Lighting Retrofit - 2014	ACTIVE	Marvin Davis	Rebate Estimate Provided	100.0	\$5,000	4/30/2014
Active Opportunities			21			1,208	\$15,500	-

Companies with Terminated Projects (Commercial & Industrial)

Company Name	Job-Project	Project Title	Status	Manager
Best Western Napoleon Inn & Suites	5201-5910	Best Western - Refrigeration Cases - August 2013	TERM	Ryan Calkins
City of Napoleon - Napoleon Light and Power	5950-6093	Benchmarking Napoleon Municipal Buildings	TERM	David Perzynski
Hahn Center	5201-5564	Hahn Center - Lighting - June 2013-4651	TERM	Ryan Fry
Henry County Commissioners	5201-5565	Henry County Courthouse - Lighting Phase 1- June 2013	TERM	Ryan Fry
Henry County Commissioners	5201-5566	Oakwood Plaza - Lighting - June 2013	TERM	Ryan Fry
Henry County Commissioners	5201-5938	Henry County Courthouse - Lighting Phase 2 - August 2013	TERM	Ryan Fry
Henry County Hospital	5950-6147	Benchmarking Henry County Hospital	TERM	David Perzynski
Koester Corporation	5300-6255	Koester Corp - Lighting New Construction - October 2013	TERM	Ryan Fry
Rupp Enterprises	5301-1562	Rupp Enterprises-Lighting, June 2011-649	TERM	100
Terminated Projects			9	

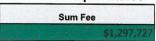
Companies with Terminated Opportunities (Commercial & Industrial)

Company Name	Job-Project	Opportunity Title	Status	Manager
B & B Molded Products	5000-1243	B & B Molded Products- Lighting, April 2011, Napoleon	TERM	Marvin Davis
Buckeye Launderers	5000-1837	Buckeye Launderers - Lighting, Sept 2011	TERM	Carl Andre
Cloverleaf Cold Storage	5000-3693	Cloverleaf Cold Storage - Lighting - Sept 2012 - Org Bldg	TERM	Marvin Davis
Isofoton	5000-3462	Isofoton - Compressed Air - July 2012	TERM	Marvin Davis
Isofoton	5000-3910	Isofoton - Lighting - October 2012 - Bldg Conversion	TERM	Marvin Davis
Oldcastle Precast Enclosure Solutions	5000-2036	Oldcastle Precast Enclosure Sol - Lighting/Chiller - 2011/2012	TERM	Marvin Davis
Von Deylen Plumbing and Heating	5000-4755	Von Deylen Lighting Retrofit	TERM	Marvin Davis
Terminated Opportunities			7	

#### **Cumulative Goals**

3-Year MWh Goal	MWh Savings	% of 3-Year MWh Goal
3,950	4,212	107%

## **Cumulative Expenditures**



<sup>\*</sup>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.

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

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

## Meeting Agenda

## Monday, March 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 March: Generation Charge: Residential @ \$0.08563; Commercial @ \$0.10566; Large Power @ \$0.05995; Industrial @ \$0.05995; Demand Charge Large Power @ \$12.57; Industrial @ \$13.63; JV Purchased Cost: JV2 @ \$0.05452; JV5 @ \$0.05452
- III. Electric Department Report
- IV. Bacteria Sampling Rate Change
- V. Any Other Items to Come Before the Board

Gregory J. Heath, Finance Director/Clerk of Council

#### City of Napoleon, Ohio

## **BOARD OF PUBLIC AFFAIRS**

## **Meeting Minutes**

Monday, February 10, 2014 at 6:30 pm

PRESENT

**Members** 

**Electric Committee** 

Water, Sewer 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

**Electric Department Report** 

**AMP Ohio Credit Score** 

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

Travis Sheaffer – Chair (arrived at 6:45 pm), Patrick McColley, Jason

Maassel

Chris Ridley - Chair, Patrick McColley, John Helberg

Dr. Jon A. Bisher, City Manager Dennis Clapp, Electric Superintendent Roxanne Dietrich, Administrative Assistant Trevor M. Hayberger, Law Director

Gregory J. Heath, Finance Director/Clerk of Council

Chad Lulfs, Director of Public Works
Jeff Rathge, Operations Superintendent

Tammy Fein News Media

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

The January 13 meeting minutes stand approved as presented with no objections or corrections.

The electric billing determinants for February were presented for review.

Motion: DeWit Second: Cordes

To recommend approval of electric billing determinants for February 2014 as follows:

Generation Charge: Residential @ \$0.08415; Commercial @ \$0.09993; Large Power @ \$0.05951; Industrial @ \$0.05951; Demand Charge Large Power @ \$11.56; Industrial @ \$12.72; JV Purchased Cost: JV2 @ \$0.02814; JV5 @ \$0.02814

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

Nay-

Clapp gave the Electric Department Report; see attached.

Heath distributed and explained a memo regarding the City's AMP Ohio credit score; see attached.

Heath stated the City rated in the 82<sup>nd</sup> percentile; the Good Performance category. Heath explained the Debt/Kilowatt Hour for Credit Scoring spreadsheet, which is based on project, with the City of Napoleon being part of Omega JV2, Omega JV 5, and the Gorsuch Station; adding that the debt for the City's substation has been paid off, so the debt listed in the Total Electric Fund Debt column is all through AMP Ohio representative of the debt incurred through projects that the City is bought into. Heath

suggested adopting a formal Reserve Fund Policy for the Electric Fund, which has been discussed by Council in use with other funds, to increase the City's AMP Ohio credit rating by ten (10) points, adding that the City attempts to maintain certain minimum balances but the practice is not a formal policy; a minimum fund balance policy could possibly mandate a rate increase if the reserve amount fell below the minimum requirement.

Heath reminded the Board that this credit rating is for AMP's purposes of selling their debt to the market on AMP projects. Bisher agreed, adding that this system is AMP's way of ensuring that all the participants in a project are doing as well as they can since the debt for the projects is the debt of all the participants, not just AMP. Bisher stated that formal policy would be helpful if the City ever needed to go to financial markets for projects such as water projects, and would show interface between Council and the Management team. Heath stated that the policies that he has seen follow similar language as the debt covenant; mandating rate increases if minimum fund balances are not maintained, looking at an average number of days' worth of cash on hand for operational purposes.

Engler Requested Reserve Fund Policy Information To Be Brought To Next BOPA Meeting Engler requested that Bisher, Hayberger and Heath gather information regarding creating a Reserve Fund Policy to be brought to the March 10 BOPA meeting.

John Courtney To Present Electric Cost Of Service Study: March 10 Heath stated that John Courtney will be present at the March 10 BOPA meeting to present the findings of the Electric Cost of Service Study.

**Unlimited Pickup Schedule** 

Bisher stated that the Water, Sewer, Refuse, Recycling and Litter (WSRRL) Committee can approve the Unlimited Pickup Spring schedule, while the Board of Public Affairs (BOPA) can approve the Unlimited Pickup Spring rates.

Lulfs stated there is no rate increase recommended; adding that the steel recycling cost has not been bid out yet since the local companies will not bid until closer to the time the service is needed, due to the fluctuation in the price of steel.

Lulfs stated that the Unlimited Pickup Spring schedule is recommended to be Monday, April 28, 2014 through Friday, May 2, 2014. Lulfs anticipates the Unlimited Pickup Fall schedule to be Monday, September 29, 2014 through Friday, October 3, 2014.

**BOPA Motion To Recommend Unlimited Pickup Spring Rates** 

Motion: DeWit Second: Cordes
To recommend the approval of the Unlimited Pickup Spring rates as listed on the attached memo.

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

y- 0

**Wauseon Net Flows 2013** 

Heath included a memo titled Wauseon Reconciliation of Net Flows 2013; see attached.

Bisher stated the new water plant will be able to run off the river; the current water plant makes water for approximately ten (10) to twelve (12) hours per day which can be pumped to Wauseon as it is needed. The new water plant will be configured to run water off the river and pump to the Wauseon reservoir as well, however water cannot be blended off the reservoir and using it back concurrently so the schedules will change as to how water is pumped to Wauseon. Bisher stated that Wauseon has asked several times to purchase more water from the City; the City may be able to sell as much as 500,000 gallons per day; this is to the City's advantage as it is revenue that is not currently received. Bisher added that considerable revenue will be lost with the new water plant because water will not be sold directly to the satellites any more by the City, the water will be purchased directly from the County; however the City will be selling raw water to the new plant with a contract to run the new plant and will be selling sewer services to the new plant; a fourth revenue source will be any raw water available to sell to Wauseon, and this will be in consideration of the type of day used to run the plant, either a 24 hour day running off the river and pumping up to the reservoir but on the days the plant is blending back, it will not be able to pump; currently there are three (3) pumps, two (2) of the pumps supply the plant and one (1) pump supplies the Wauseon reservoir, the new configuration will be one (1) pump with enough pressure to supply the new plant, and two (2) pumps to supply the Wauseon reservoir, which is predicated on Wauseon agreeing to purchase more water and finding new customers. Bisher stated the Toledo contract is coming due for a portion of Eastern Fulton County in 2016 and many of those customers would rather buy finished water from Wauseon than from Toledo.

Cordes asked if the nitrates were one of the hardest chemicals to get out of the water; Bisher replied that it is, and the line was built to deal with this issue and neither the City nor Wauseon have had nitrate alerts since the line was built, adding that nitrates are watched very closely and the river is not used when it is at a high level, the reservoir is used instead. Bisher stated that Scott Hoover, Water Treatment Plant Superintendent, is capable of blending reservoir water and river water and keeping the nitrate levels where they should be.

Helberg asked if the new water plant would be able to run water off the reservoir and the river at the same time; Bisher replied that the plant will be able to run water off the river at 100% and be able to pump to Wauseon at the same time; the plant will be able to run water off both the river and reservoir at the same time, but the plant will not be able to run water off the reservoir and pump water to the reservoir at the same time because there is only one line; a second line was an \$8 million option.

Helberg asked if raw water would be pumped from the Wauseon reservoir to the Archbold reservoir; Bisher replied that he does not think that Wauseon has that in mind at all, as Wauseon knows there is only a limited supply that can be pumped to them and they will make that supply into finished water and sell it. Bisher stated it would be possible if another line was built or the current line was enlarged, however the City is limited to 4.5 million gallons of withdrawal meaning the City would need to repermit if going above that amount, stating that even with selling raw water to

Wauseon, we are currently well within that limit. Bisher stated this could be researched in the future.

**BOPA Motion To Adjourn** 

Motion: Dewit Second: Cordes

To adjourn the meeting at 7:31 pm

Passed

Yea- 3

Nay- 0

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

Nay-

Date

Keith Engler, Chair

# City of Napoleon, Ohio PERSONNEL COMMITTEE

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

## Meeting Agenda Monday, March 10, 2014 at 7:00 PM

- I. Review of City Manager Applications
- II. Executive Session for Employment of Personnel
- III. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

## Memorandum

To: Water, Sewer, Refuse, Recycling & Litter Committee, Council, Mayor, City

Manager, City Law Director, City Finance Director, Department Supervisors

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

**Date:** 3/6/2014

**Re:** Water, Sewer, Refuse, Recycling & Litter Committee Meeting Cancellation

The Water, Sewer, Refuse, Recycling & Litter Committee, which is regularly scheduled to meet on Monday, March 10 at 7:00 PM, has been CANCELED due to lack of agenda items.

## Memorandum

**To:** Municipal Properties, Buildings, Land Use & Economic Development

Committee, Council, Mayor, City Manager, City Law Director, City Finance

Director, Department Supervisors

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

**Date:** March 3, 2014

Re: Municipal Properties, Buildings, Land Use & Economic Development

**Committee Meeting Cancellation** 

The Municipal Properties, Buildings, Land Use & Economic Development Committee, which is regularly scheduled to meet on Monday, March 10 at 7:30 PM, has been CANCELED due to lack of agenda items.

City of Napoleon, Ohio

## PLANNING COMMISSION

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

## Meeting Agenda

## Tuesday, March 11, 2013 at 5:00 PM

- I. Call to Order
- II. Roll Call
- III. Approval of Minutes (In the absence of any corrections or objections, the minutes shall stand approved.)
- IV. Business

## A. PC 14-04 Re-Plat

An application for public hearing has been filed by First Federal Bank of the Midwest. The applicant is requesting a Re-Plat of Lot # 5 of the MWT Subdivision at 2269 N. Scott St., Napoleon, OH. The request is pursuant to Chapter 1105 of the Codified Ordinances of Napoleon Ohio. The property is located in a C-4 Planned Commercial Zoning District.

## B. PC 14-01 Alley Vacation

An application for a public hearing has been filed by Milton Hahn. The applicant is requesting the city vacate a certain alley located between the residences of 512 & 514 W. Clinton and 508 W. Clinton, Lots 22 & 23 in A.H. Tyler's Third Addition of the City of Napoleon. This request is pursuant to City Code Chapter 909.

## C. PC 14-02 Alley Vacation

An application for a public hearing has been filed by Marge Bostelman. The applicant is requesting the city vacate a certain alley located behind 619 S. Perry (Quilters Hideaway) Lots 41 & 42 in E.T. Barns First Addition of the City of Napoleon.

This request is pursuant to City Code Chapter 909.

## D. PC 14-03 Zoning Map Change

An application for public hearing has been filed by the City of Napoleon, Ohio requesting the Planning Commission to recommend a zoning classification and authorizing a change to the official Zone Map as it relates to the annexation of 55.062 acres owned by the Napoleon Area

City School District at 725 Westmoreland.

- Closing Remarks ٧.
- VI. Adjourn

Gregory J. Heath, Finance Director/Clerk of Council

#### City of Napoleon, Ohio

## PLANNING COMMISSION Meeting Minutes

Tuesday, February 12, 2013 at 5:00 PM PC 13-01 Preliminary Plat 2269 N. Scott St.

**PRESENT** 

Members City Staff Robert McLimans - Chair, Kevin Yarnell, Fredric Furney, Mayor Ronald Behm

Trevor Hayberger, Law Director

Tom Zimmerman, Building Inspector

Recorder Others Barbara Nelson Steve Lankenau

**ABSENT** 

Tim Barry

Call To Order

Chairman McLimans called the meeting to order at 5:00 PM, noting that a quorum was present.

**Approval Of Minutes** 

Meeting minutes from October 9, 2012, stand approved as read.

PC 13-01 Background

McLimans read the background on PC 13-01:

An application for public hearing has been filed by First Federal Bank of the Midwest. The applicant is requesting a review of a Preliminary Plat of The Replat of Lot # 5 of the MWT Subdivision at 2269 N. Scott St., Napoleon, OH. The request is pursuant to Chapter 1105 of the Codified Ordinances of Napoleon Ohio. The property is located in an I-2 Open Industrial Zoning District.

PC 13-01 Research And Findings

Zimmerman read the research and findings for PC 13-01:

- 1. The proposed subdivision of land meets all the requirements of Chapter eleven of the City's Codified Ordinances pertaining to Subdivision regulations, lot size and building setback and parking requirements
- 2. The re-plat of lot #5 includes 4 buildable commercial lots and a proposed street that will be dedicated to the City
- 3. The City Engineer has reviewed and approved the preliminary proposed subdivision.

Zimmerman said this is a preliminary plat. Steve Lankenau is in attendance and has worked together with the City to get this done. Many parties had to come together to get where we are at today. Zimmerman showed the location of the property, across from where Midwest Wood Trim (MWT) used to be. It will go under the bridge that is City property and turn and go back. This is the first time he's brought a preliminary plat to this Board. It is preliminary because this is the realtor's best guess of what will be marketable. A potential buyer may want both partial A & B. The preliminary plat gives the realtor the right to market this. The Commission can modify or amend the preliminary plat. If approved, you will see this as the final plat. The street right of way is there. It is a dedicated utility easement that the City has. Zimmerman showed aerial views of the area including the site for the City's new water plant.

**Swearing In** 

McLimans swore in Steve Lankenau and asked him to address the Board.

#### **Testimony**

Lankenau said this is the sum of many conversations working with the City to get the City what it is looking for and the property owner what he was looking for. He wants to sell the property. Zoning is a problem for selling due to the zoning for MWT. The property has moved away from industrial use with Foster Canning and MWT gone. The outline of this parcel is very odd shaped. The 3.84 acres and the shape make it hard to sell. First Federal donated the right of way for \$1 to open up the possibility of lots that will be more marketable.

Zimmerman said in the 2009 City Master Plan, we wanted a thoroughfare planned here to tie to Glenwood and Bonaparte Drive. This bridge is key to getting traffic out of the City without coming through Scott St.

#### **Question & Answer**

Yarnell asked if there have been any questions from neighboring property owners. Zimmerman said he sent letters to all within 200' about the rezoning, not the subdivision. Nobody responded back. This will go to Council. It will take time to develop. We can amend the preliminary plat.

## **Motion To Approve PC 13-**

Second: McLimans Motion: Yarnell To approve PC 13-01

**Passed** Roll call vote on above motion:

Yea-4 Yea- Yarnell, Furney, Behm, McLimans Nay- 0 Nay-

**Meeting Continued** 

Meeting continued with consideration of PC 13-02.

Robert McLimans, Chairperson **Date** 

## City of Napoleon, Ohio

## PLANNING COMMISSION Meeting Minutes

Tuesday, February 12, 2013 at 5:00 PM PC 13-02 Rezoning 2269 Scott St.

(Meeting continued after consideration of PC 13-01.)

(Meeting continued after consideration of PC 13-01.)	
PRESENT	
Members	Robert McLimans - Chair, Kevin Yarnell, Fredric Furney,
	Mayor Ron Behm
City Staff	Trevor Hayberger, Law Director
	Tom Zimmerman, Building Inspector
Recorder	Barbara Nelson
Others	Steven Lankenau
ABSENT	Tim Barry
DC 12 02 D	N. V
PC 13-02 Background	McLimans read the background on PC 13-02:
	An application for public hearing has been filed by First Federal Bank of the
	Midwest. The applicant is requesting to change the official zone map from I-2, Open Industrial to C-4, Planned Commercial at the address of 2269 Scott St.
	The request is pursuant to Chapter 1121 of the Codified Ordinances of
	Napoleon, OH.
	reapoleon, ori.
PC 13-02 Research And	Zimmerman read the research and findings for PC 13-02:
Findings	1. 2269 Scott St. was the location of Midwest Wood Trim and before that
	Fosters Canning, Both uses were industrial manufacturing and the I-2 zone
	was appropriate.
	2. The property is now owned by First Federal Bank and is being marketed
	for commercial uses. Pending approval of the preliminary plat that was
	discussed by this Commission in PC13-01, the lot will be divided into four
	buildable lots with a dedicated city street for access to the lots.
	Zimmerman said a letter was sent to property owners within 200'. We are just
	rezoning this to commercial and leaving the other I-2s. The current I-2 is the
	F&M Bank and the gas station that was split off from Walmart a couple years
	ago. The request to rezone was initiated by the property owner. The I-2 is owned
	by Walmart which would be a major discussion. We are turning most of it into
	C-4 which is the most compatible zone for what Lankenau wants to do. C-5 in the table of permissible uses only allows adult entertainment there. We may
	change that in the future and get rid of the C-5 that is there.
	change that in the future and get fid of the C-3 that is there.
Motion To Approve PC	Motion: Yarnell Second: Furney
13-02	To approve PC 13-02
10 02	
Passed	Roll call vote on above motion:
Yea- 4	Yea- Yarnell, Furney, Behm, McLimans
Nay- 0	Nay-
<b>Meeting Continued</b>	Meeting continued with consideration of PC 13-03.
Date	Robert McLimans, Chairperson
Dutt	1 Account MacAmmuns, Champerson

#### City of Napoleon, Ohio

## PLANNING COMMISSION Meeting Minutes

Tuesday, February 12, 2013 at 5:00 PM

PC 13-03 Review of Changes to Planning & Zoning Codes

(Meeting continued after consideration of PC 13-02.)

**PRESENT** 

Members City Staff Robert McLimans - Chair, Kevin Yarnell, Fredric Furney, Mayor Ron Behm

Trevor Hayberger, Law Director

Tom Zimmerman, Building Inspector

Barbara Nelson

Recorder ABSENT

Tim Barry

PC 13-03 Background

McLimans read the background on PC 13-03:

Chapter 11, the Planning and Zoning Section of The City of Napoleon's Codified Ordinances has proposed changes. These changes must be approved by this board and by a committee of Council. Pending approval by both, it will then go before the full body of Council.

Hayberger said we are looking at some changes in the next 50 years. Our Code didn't have a place for a hospital or essential services for the City. Institutional use combines between commercial and residential. Zimmerman said the current table of permissible uses was revised a couple years ago and this section got eliminated. We have agricultural, residential, commercial, and industrial, but forgot institutional. It will be put in between commercial & industrial. Zimmerman presented the table of permissible uses to members. We went through with a consultant. These are institutional uses and where they are allowed. We will eliminate C-2 since there is only one in town now.

Hayberger said Exhibit B is things not listed in Code. Zimmerman said it will take time to fix zones. Without institutional in the Code, we could get calls from people saying they're financing a loan and want to know if they can be in a certain location. The answer is NO because they're not included in the zone.

Motion To Approve PC 13-03

Motion: Yarnell

Second: Furney

To approve PC 13-03

**Passed** 

Yea-4

Nay- 0

Roll call vote on above motion:

Yea- Yarnell, Furney, Behm, McLimans

Nay-

Hayberger said the Commission can come back to this at a later date. Many colors on the map look like spot zoning. We will come back with a plan. In the meantime, members should consider where they want commercial property to be. Zimmerman said Oakwood has a hodgepodge of zoning districts. We need direction in order to staff this. Changing residential to commercial is a problem because no residential is allowed in commercial zones and no commercial in residential zones. It is difficult to enforce zones the way they are now.

McLimans said he would prefer to send this back to City staff to put together, then bring recommendations back to this Board. Zimmerman said it will go to

Municipal Properties, Buildings, Land Use and Economic Development Committee to make a recommendation to Council. We propose a Planning Commission meeting at the same time. Hayberger said this will not be in the next couple of months. It is a long process. Zimmerman will take it to staff. McLimans asked if the item should be tabled. Hayberger said that is not necessary. They will bring it back when they get something. Zimmerman said we will close this item and open another one.

**Motion To Adjourn** 

Motion: Yarnell

To adjourn the meeting at 5:25 PM

Motion approved by unanimous voice vote.

Date

Robert McLimans, Chairperson

## City of Napoleon, Ohio PERSONNEL COMMITTEE

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

### Meeting Agenda Tuesday, March 11, 2014 at 7:00 PM

- I. Review of City Manager Applications
- II. Executive Session for Employment of Personnel
- III. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

### 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:** 3/6/2014

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

The Board of Zoning Appeals meeting regularly scheduled for Tuesday, March 11 at 4:30 PM has been CANCELED due to lack of agenda items.

## City of Napoleon, Ohio PERSONNEL COMMITTEE

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

### Meeting Agenda Wednesday, March 12, 2014 at 7:00 PM

- I. Review of City Manager Applications
- II. Executive Session for Employment of Personnel
- III. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

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TMACOG Tech: Ohio Sunshine Law Training

TMACOG <public.info@tmacog.org>

Wed 03/05/14 10:02 AM

#### **TMACOG Tech: Ohio Sunshine Law Training**

From: TMACOG <public.info@tmacog.org>

To: rdietrich@napoleonohio.com

03/05/14 10:02 AM





# TMACOG

#### **Ohio Sunshine Law Training**

Friday, April 4, 2014 9 a.m. - 12:15 p.m. Owens Community College Audio Visual Classroom Center Rooms 125-128

All elected officials are required to attend three hours of training on Ohio's public records and open meetings laws during each elected term. This training is offered through TMACOG Tech at no charge and close to home for TMACOG members and others.

This seminar includes information on maintaining public records, advertising open meetings, and responding to requests for records. Attendees will take home reference materials.

There is no charge to attend. Register at

www.ohioattorneygeneral.gov/Sunshinelawtraining.

The Ohio Attorney General's office conducts the training.

"The Office of the Attorney General fosters the spirit of open government by promoting Ohio's Public Records Law and Open Meetings Law. By providing elected officials, public employees and Ohio citizens information concerning public records and compliance, we help ensure accountability and transparency in the conduct of public business."

- Ohio Attorney General Mike DeWine



**TO:** AFEC Participants

FROM: Pamala M. Sullivan/Sr. VP of Marketing and Operations

**RE:** AFEC Long Term Gas Hedge

**DATE:** February 26, 2014

At the AFEC Fuel Subcommittee, Participants Committee, and AMP Board meetings on Tuesday, February 25, 2014, all three (3) bodies took the following action related to AFEC fuel supply:

1. Unanimous approval votes for a purchase of long term gas hedge of up to 15 gas contracts per month for the term January 2017 – December 2021 at annual fixed prices, with a target price of greater than 33% average below the underlying Henry Hub gas projections in the SAIC Initial AFEC Feasibility Study (March 2011).

Attached is the PowerPoint presentation presented at the meetings related to this action. You will see that the analysis and recommendation was based on 10 gas contracts per month, but during the meetings the Participants requested and approved up to 15 gas contracts per month.

Per the terms of the AFEC Power Sales Contract, prior to entering into any Long Term arrangements regarding Fuel Hedging, Reserves or Gas Pre-pays (one year or longer), AMP shall offer each Participant the ability to "opt out" of the strategy. [PSC 4(G)]. This memo will serve as notification to the Participants of the approval for the purchase of up to 15 contracts per month for January 2017 - December 2021, and the offer to opt-out of this purchase.

The AFEC Participants Committee and AMP Board approved a two (2) week period for Participants to exercise their right to opt-out. Therefore we request that you respond in writing by Wednesday, March 12, 2014 at 5:00 PM to my attention (psullivan@amppartners.org) or AMP, Inc., 1111 Schrock Road, Columbus, Ohio 43229, if you desire to opt-out. You only need to respond if you wish to opt-out.

cc: Marc Gerken, CEO/President, AMP

Bob Trippe, Sr. VP of Finance, AMP

Mike Perry, Sr. VP of Generation Operations, AMP

John Bentine, Sr. VP General Counsel, AMP

Mike Migliore, Asst. VP of Power Supply Planning & Transmission, AMP

Jerry Willman, Director of Energy Marketing, AMP

March 7, 2014

## February market prices lower than January, but still elevated

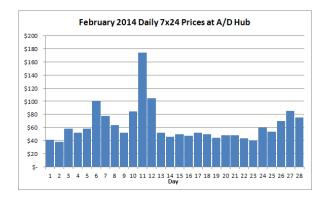
By Mike Migliore – assistant vice president of power supply planning & transmission

February temperatures in Ohio and Pennsylvania finished more than five degrees below normal, which was the same difference that was seen in January. Virginia temperatures were closer to normal in February though. The cold weather and continued high natural gas prices led to another month of elevated prices in the power market.

As the chart below shows, February 2014 prices weren't as bad as January, but 7x24 prices for the month were still twice as high as the winter of 2013.

	February 2014 \$/MWh	January 2014 \$/MWh	February 2013 \$/MWh
A/D Hub 7x24 Price	\$63.20	\$85.12	\$33.40
PJM West 7x24 Price	\$71.44	\$132.05	\$36.23
A/D to AMP-ATSI Congestion/Losses	\$5.38	\$7.86	\$0.62
A/D to Blue Ridge Congestion/Losses	\$4.90	\$27.23	\$1.87
A/D to PJM West Congestion/Losses	\$8.24	\$46.93	\$2.83
PJM West to PP&L Congestion/Losses	\$2.69	\$35.34	-\$1.29
A/D to IND Hub Congestion/Losses	\$4.91	\$21.26	\$4.59

The big relief that members will notice is on the congestion side. In January, natural gas and electric transmission constraints caused a big difference in prices between Western and



Eastern PJM. Congestion and losses to move power from our normal purchase points at the AEP/Dayton and PJM West hubs to member load points dropped significantly in February to numbers closer to normal.

Finally, operating reserves are expected to be much lower in February since PJM did not have any extremely cold days, where the system was at maximum capacity and all available generators were called to action and reimbursed for their extraordinary costs.

## Smart grid featured at AMP's 2014 Technical Services Conference

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

AMP's 2014 Technical Services Conference will take place March 25 and 26. A Vendor Expo is slated for March 25, and the event highlights a variety of speakers.

This year's conference will focus on arc flash safety, cyber/physical security, a Westerville case study, other safety issues, and feature several presentations focused on smart grid. On March 25, Pat Corrigan of Elster will discuss how smaller utilities can take advantage of many connected data points without breaking the bank. He will touch on key aspects of smart metering, including the initial business case, interoperability and integration with other systems, and keeping people apprised and on-board with changing systems.

There will be two smart grid presentations followed by a panel discussion on March 26, which is scheduled for a half day. Bruce Gordon of N-Dimension will examine current cyber security concerns and vulnerabilities within the electric utility market and explain how to build a defense-in-depth strategy for the entire utility. Assessing the current cyber strategy, monitoring against future attacks, and building a company cyber safety program will be covered in order to mitigate the utility's risks, ensure reliability for customers, and deliver revenue.

Bruce will be followed by Steven Collier of Milsoft. Steven explores the new paradigm of smart grid, with an increasing number of local generation, storage, and energy management points at the customer edges of the grid. Suppose only 5

continued on Page 2

#### **APPA taps AMP's Rumbaugh** as apprentice master judge

By Michelle Palmer – assistant vice president of technical services

AMP's Manager of Technical Training Bob Rumbaugh has been named Apprentice Master Judge for the American Public Power Association's (APPA) 2014 Lineworkers Rodeo. This will be the third year Rumbaugh has served as apprentice master judge for the event.



Rumbaugh has more than 30 years of electrical experience and has headed AMP's lineworker training program for the last decade.

AMP is sponsoring three teams and six apprentices from Cleveland, Westerville, Cuyahoga Falls and Marshall for the APPA Rodeo.

The 2014 Rodeo will take place April 4-5 in Edmond and Oklahoma City, Okla. Information for each competitor event can be found under the "apprentice events" and "journeyman events" tabs on the rodeo section of the APPA website.

To register for the rodeo competition and lineworker training courses, please visit PublicPower.org/Rodeo. The final registration deadline is March 12.

For questions about APPA rodeo events, registration, or training courses, email to Rodeo@PublicPower.org or call 202.467.2994.

#### Gas prices rise in cold weather

By Ryan Thompson - power supply planning engineer

Extreme cold temperatures returned March 3 and 4, causing gas prices to rise through the week. This led to a large consumption of gas during the two-day period, driving the spot price to a high on Tuesday of \$7.90/MMBtu. This cold was brief as normal temperatures returned later in the week with spot prices dropping back to \$6.41/MMBtu on Wednesday.

April natural gas prices followed suit by ending the week slightly up - \$0.13/MMBtu from last week to finish trading yesterday at \$4.66/MMBtu. Next year power prices followed natural gas prices higher this week. 2015 on peak electric prices rose \$0.86/MWh for the week with AD Hub closing at \$41.59/MWh.

February Operations Statistics							
	JV6 Wind Output	Belleville Output	Avg. A/D Hub On-Peak Rate				
February 2014	26%	69%	\$76/MWh				
February 2013	30%	50%	\$35/MWh				
	Fremont Energy Center Output	Blue Creek Wind Output	Napoleon Solar Output				
February 2014	60%	31%	11%				
February 2013	79%	39%	11%				
*Fremont capacity factor based on 675 MW rating *Solar capacity factor based on 3.54 MW rating							

#### On Peak (16 hour) prices into AEP/Dayton Hub Week ending March 7 WED TUE MON THU FRI \$185.19 \$178.70 \$94 15 \$70.21 \$52.64 Week ending Feb. 28 TUE MON WED THU FRI \$78.27 \$68.51 \$58.82 \$79.27 \$95.78

#### Technical Services Conference

AEP/Dayton 2015 5x16 price as of March 7 — \$41.59

AEP/Dayton 2015 5x16 price as of Feb. 28 — \$40.73

continued from Page 1

percent of retail customers adopt one or more of these points - individual public power systems could have hundreds, even thousands, of new endpoints that require monitoring, analysis and accommodation on the local distribution systems. What should each utility be doing to prepare for a rapidly increasing proliferation of technologies, data and customer applications?

Elster, N-Dimension, and Milsoft are each a vendor partner of Hometown Connections (HCI). HCI is the utility services subsidiary of the American Public Power Association. HCI provides discount pricing and integrated utility information systems from the industry's leading vendors.

One benefit of HCI is that AMP members have open access to vendors who have deep knowledge of the industry. Conference attendees will have the chance to ask questions of these three presenters at a panel session. After I share AMP's plans regarding a hosted smart grid solution, I will open the floor for questions. We encourage attendees to come prepared with questions such as how to move from driveby radio read meters to fixed network, how to ensure different systems talk to one another, and how to make sure the local high school whiz kid doesn't hack into a server.

Conference registration forms and an agenda are available on the Member Extranet section of the AMP website, www.amppartners.org. Please contact Jennifer Flockerzie, technical services program coordinator, at 614.540.0853 or iflockerzie@amppartners.org with questions or for more information.

#### **AFEC** weekly update

By Ryan Thompson

AFEC had a very strong week with high production during the on-peak hours and off-peak hours. The plant was online all week and at minimum load for only 31 hours (18 percent) during the week. AFEC averaged 489 MW during the off-peak hours for the week.

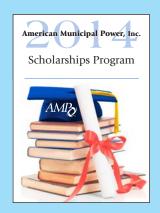
Duct burners were on for 36 hours (21 percent) during the week. On Monday PJM had the plant on manual dispatch to run duct firing. The duct firing ran for 18 straight hours. The plant ended the week with a 77 percent load factor (based on 675 MW) and was \$43.20/MWh cheaper than on-peak power prices.

# www.amppartners.org

#### AMP Scholarship public power essays due March 14

By Karen Ritchey - manager of communication programs

High school students nominated for AMP scholarships have until the end of business on March 14 to complete their essay packets. A total of 57 senior high school students were nominated by member communities this year- 22 for the Rich-



ard H. Gorsuch Scholarship and 35 for the Lyle B. Wright Scholarship.

Nominee essays, no more than 500 words, answer a question about public power and will be used to determine finalists for each scholarship.

Finalists will be invited to visit their local municipal electric utility to tour the facility and take a test on public power. Winners will be chosen based on their test score, personal achievements and scholastic records. Up to four Gorsuch and four Wright scholarship recipients will be determined in May. Each recipient will be awarded a one-time \$2,000 scholarship. Since the program began in 1988, AMP has awarded \$240,000 in scholarships.

For more information, please contact me at 614.540.0933 or kritchey@amppartners.org.

#### Royalton shines in AMP's online Member Spotlight

By Krista Selvage - manager of publications

Royalton has many diverse natural, historical and cultural resources. With a population of less than 1,100, the Pennsylvania borough is a place to appreciate the great outdoors.



Snow blankets the scene where the Swatara Creek meets the Susquehanna River in Royalton.

Royalton is one of 40 municipalities in Dau-

phin County, which describes itself as the home of the magnificent State Capitol Complex, world-famous Hershey candy, and a customer-friendly state and county government. The Royalton Electric Department has been providing reliable and competitive services since 1964, and now serves more than 550 meters.

Learn more about Royalton and its AMP participation in the Member Spotlight section of the AMP website.

#### Call for technical data

As a reminder, AMP is seeking community technical data for the AMP Member Directory and annual reports. Thank you to those members who have already responded. The data is also used for processing AMP Service Fee A and OMEA annual dues. Principal contacts should have received a technical data form last month. If your community did not receive a form or if there are any questions, please contact Director of Publications Greg Grant at ggrant@amppartners.org or 614.540.1067.

#### Trends in sustainability: FERC report shows solar is on the rise

By Julia Blankenship - director of energy policy & sustainability

In January, the Federal Energy Regulatory Commission's (FERC) Office of Energy Projects reported in its Energy Infrastructure Update that 2013 marked a banner year for the installation of solar electric generation in the U.S. - adding more megawatts for the year than coal and wind combined. Only natural gas had a higher number of installed megawatts for 2013. See the table right for details.

The notable progress of solar in 2013 particularly when compared with wind can be attributed in part to the stability of New Generation In-Service (New Build and Expansion)

	De	cember 2013	January – December 2013 Cumulative		January – December 2012 Cumulative	
Primary Fuel Type	No. of Units	Installed Capacity (MW)	No. of Units	Installed Capacity (MW)	No. of Units	Installed Capacity (MW)
Coal	0	0	2	1,543	9	4,760
Natural Gas	14	685	77	7,270	114	9,331
Nuclear	0	0	0	0	1	0
Oil	4	2	16	38	46	87
Water	2	6	19	378	20	288
Wind	2	20	18	1,129	209	12,425
Biomass	12	269	97	777	155	580
Geothermal Steam	2	20	4	59	15	181
Solar	35	79	266	2,936	357	2,056
Waste Heat	0	0	2	76	1	3
Other	0	0	5	0	7	0
Total	71	1,081	506	14,207	934	29,710

Source: Data derived from Ventyx Global LLC, Velocity Suite

its federal tax credit (in place through 2016). Uncertainty over the extension of the production tax credit (PTC) for wind in 2013 undoubtedly slowed installations, according to industry watchers. Solar prices continue to fall, further enhancing its appeal. Solar also benefits from its scalability - which means that it can be attractive to both residential and commercial customers as well as utility-scale fields. FERC's full report, which addresses other energy infrastructure developments as well, can be found at https://www.ferc.gov/legal/staff-reports/2013/dec-energy-infrastructure.pdf.

#### **Three-quarters of Americans** support hydropower

Provided by the National Hydropower Association

The National Hydropower Association (NHA) has released a new poll, which shows strong bipartisan support for hydro.



According to the poll of 1,006 adults conducted by Princeton Survey

Research Associates International on behalf of the NHA, Americans view hydropower as a clean, reliable and renewable resource, and support hydro-specific initiatives for tax credits, federal reinvestment in facility upgrades, and federal investment in research and development.

Below is a breakdown of the survey's findings. For more information, please visit <a href="http://www.hydro.org/why-hydro/">http://www.hydro.org/why-hydro/</a> poll/.

#### Views of hydropower

Hydropower enjoys a strongly positive reputation as an energy source. Nearly four in five Americans (78 percent) believe hydropower is cleaner than other current forms of energy, and roughly the same number (77 percent) think of hydropower as an environmentally friendly resource. Moreover, hydropower is also seen as renewable (74 percent) and reliable (72 percent) by nearly three-quarters of Americans.

With all of these attributes there is broad bipartisan consensus that they describe hydropower well – with majorities of Democrats, Republicans and Independents in agreement.

#### Hydropower's future

Americans believe in maintaining the current hydropower infrastructure - and expanding the energy source going

- Four in five (81 percent) say they favor maintaining existing hydroelectric power plants in the United States to generate electricity.
- Nearly as many Americans (75 percent) favor expanding hydropower in the United States.

#### Hydropower regulation & legislation

Americans are also highly supportive of various initiatives that would improve hydropower regulation and initiatives that would promote hydropower. This support is strong, broad and bipartisan with majorities of Democrats, Republicans and Independents supporting each of these initiatives. Specifically, majorities favor:

- Federal investment in research and development into emerging hydropower technologies (77 percent),
- Federal government reinvestment of revenue from government-owned hydropower facilities to modernize and upgrade these facilities (77 percent),
- Hydropower receiving the same credits and incentives as other renewable energy sources like wind and solar (74 percent), and;
- Changing federal regulations so it takes less time to relicense an existing dam or retrofit a current dam to produce electricity (69 percent).

#### **NERC** update call, webinar to cover topics with Utility Services

By Art Iler - director of reliability standards compliance

AMP, in coordination with Utility Services Inc., will host the next NERC update conference call and webinar at 1:30 p.m. March 24. The update will include discussions on: NERC'S new RSAW for PRC-001-1; NERC's submission of a petition for approval of PRC-005-3 (automatic reclosing components) and the upcoming development of version four (sudden pressure relays) of that standard; NERC's submission of a petition for approval of MOD-001-2 (retires six existing standards); NERC's submission of a petition for approval of MOD-032 and -033; the new TOP/IRO SAR; BAL-005 Review Team's suggestion that GOP/TOP/LSE requirements be removed from the standard; and NERC's 2013 Annual Report. The update 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.

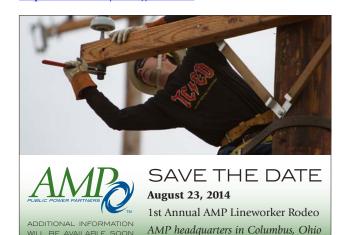
#### **DEMEC's Lynch to speak at** community solar webinar

ICLEI Local Governments for Sustainability USA, in collaboration with the Solar Electric Power Association (SEPA), will present the webinar "Utility Community Solar: Program Development & Implementation" from 3 to 4 p.m. March 12.

Speakers are Scott Lynch, energy services manager for the Delaware Municipal Electric Corporation, and Becky Campbell of SEPA. Chad Tudenggongbu of ICLEI Local Governments for Sustainability will serve as the moderator.

Community solar program development and implementation from the utility's perspective will be discussed along with the recent publication of the U.S. Department of Energy's SunShot Solar Outreach Partnership: The Utility Community Solar Handbook.

For more information, visit <a href="http://solaroutreach.org/">http://solaroutreach.org/</a> events/utility-community-solar-program-developmentimplementation/#.UxjjkPldVc5.



# www.amppartners.org

#### Calendar

March 10-12—APPA Legislative Rally Grand Hyatt, Washington, D.C.

March 13—AMP Finance & Accounting Subcommittee Meeting New Martinsville, West Virginia

March 25-26—AMP Technical Services Conference

AMP Headquarters, Columbus

April 4-5—APPA Lineworkers Rodeo Oklahoma City, Oklahoma

April 6-9—APPA Annual Engineering and **Operations Technical Conference** Oklahoma City, Oklahoma

April 24—AMP Finance & Accounting Subcommittee Meeting Hamilton, Ohio

April 29—Advanced Transformer Workshop AMP Headquarters, Columbus

May 15—AMP Finance & Accounting Subcommittee Meeting Montpelier, Ohio

June 2-6—Lineworker Training Basic 1 AMP Headquarters, Columbus

June 5—AMP Finance & Accounting Subcommittee Meeting Salem, Virginia

June 13-18—APPA National Conference Denver, Colorado

June 16-20—Lineworker Training Intermediate AMP Headquarters, Columbus



#### AMP REQUESTS PROPOSALS FOR CARBON OFFSETS

- American Municipal Power, Inc. (AMP) has issued an RFP for voluntary carbon market projects that are capable of generating carbon offsets
- Deadline for proposals is Friday, March 14, 2014, by 5:00 p.m. Eastern Time
- Both hard copy and electronic submissions of the proposal are required
- Proposed projects must be located within AMP's sevenstate footprint of Delaware, Kentucky, Michigan, Ohio, Pennsylvania, Virginia and West Virginia
- Visit www.amppartners.org for more information

Contact Julia Blankenship at 614.540.1111 or jblankenship@amppartners.org

For complete submission requirements visit: http://amppartners.org/pdf/RFP\_for\_carbon\_offsets\_FINAL\_Feb-7-2014.pdf

#### **Update Classifieds**

#### **Electrical distribution** superintendent candidates wanted in Galion

Galion Municipal Electric Division in Galion, Ohio, is seeking an individual to direct the operation of the municipal electric distribution system. Essential duties include budgeting, planning and supervising the construction, operation and maintenance of the electric distribution system.

Minimum requirements include five years of experience operating a municipal electric system, completion of two years of college-level coursework in engineering or business or equivalent, and supervisory experience. Valid Ohio Commercial Driver License required. Salary range: \$40,000-\$85,000/year with excellent benefits. Galion (pop. 10,512) is located in North Central Ohio and offers a small-town setting and affordable housing.

Full job description is available at www.ci.galion. oh.us. Submit cover letter and resume by March 21, 2014, to Mayor Thomas M. O'Leary, 301 Harding Way E., Galion, OH 44833 or email to nicoleward@ci.galion. oh.us. EOE.

#### AMP seeks candidates for open staff positions

American Municipal Power, Inc. (AMP) is seeking candidates for three positions: Circuit Rider, Crew Supervisor and Human Resources Generalist.

The circuit rider position serves as a trainer and technical adviser to member communities for the Circuit Rider program, safety programs and special projects, and assists with the centralized administration of the Mutual Aid program. Successful candidates must have a high school diploma (two-year technical degree desirable), be a journeyman lineworker, have a minimum of two years management experience, have a CDL license, be willing to travel approximately 75 to 80 percent of the time, have a working knowledge of OSHA regulations, be CPR certified, have public speaking experience, and domiciled in the Northwest Ohio area. Experience in a municipal environment is strongly preferred.

Successful crew supervisor candidates must have knowledge of electrical line clearing hazards and ability to maintain OSHA approved Qualified Line Clearance/ Tree Trimmer status. Crew supervisor must demonstrate the ability to climb trees using safety ropes and maintain Certified Tree Worker status (ISA). Candidates must have three years of increasingly responsible tree trimming, removal and pruning experience; and be a certified line clearance arborist.

#### CLASSIFIEDS continued from Page 5

Human resources generalist works with senior management to create and maintain an employee culture that supports AMP's mission, vision and values; administers human resources functions in accordance with labor laws and AMP policies. A four-year degree in business, communications or human resources is required, with a minimum of three years of corporate human resources experience. Previous payroll processing and/ or Oracle experience; and skill in database management, records maintenance, word processing and spreadsheet creation and maintenance are required. Must demonstrate expertise in the use of software tools that produce items such as spreadsheets, written reports and database reports. PHR/SPHR certification is preferred.

For complete job descriptions or to apply, please visit <a href="www.amppartners.org">www.amppartners.org</a> under "careers" or email to <a href="ttucker@amppartners.org">ttucker@amppartners.org</a>. Deadline to apply for circuit rider is March 21; crew supervisor, March 21; and human resources generalist, March 14.

## City of Columbus in need of assistant administrator

The City of Columbus Department of Public Utilities is seeking qualified candidates for the position of Public Utilities Division Assistant Administrator. This position will be responsible for growing the Division's customer base and increase the revenue stream to ensure the viability of the Street Lighting Program; this will be done through Marketing and Business Development plans.

This position will also work with industry associations and affiliates to identify trends that may impact cost, delivery, and supply power. Applicants must possess a bachelor's degree in business administration, public administration or a closely related field. Must also have four years of professional experience in fiscal, human resources, or other administrative field. Substitution: A master's degree in business administration, public administration, or human resource management may be substituted for one year of the required experience. Salary \$67,204 - \$100,817.

If you are interested, please email your resumes by the close of business on March 12, 2014 to <a href="mailto:DPURecruitment@columbus.gov">DPURecruitment@columbus.gov</a> and include the job title Public Utilities Division Assistant Administrator and the Position Number 00040 in the subject line of the email or apply online at <a href="https://www.csc.columbus.gov">www.csc.columbus.gov</a>. Pre-employment medical/drug screen and background investigation required if selected. EOE.

#### IT administrator needed in Piqua

The City of Piqua is seeking qualified applicants for the position of IT Administrator. Salary range is (DOQ) plus excellent benefits. Requires completion of an associate degree (bachelor's degree preferred) in information technology, engineering or related field with three to five years relevant work experience. This experience should include network administration (SCADA experience and/or CISCO CCNA desired).

Please send application, letter of interest including salary history, resume, and three business references by March 28, 2014 to Elaine G. Barton, Human Resources Director, City of Piqua, 201 W. Water St., Piqua, Ohio 45356, email ebarton@piquaoh.org, visit our website at <a href="mailto:www.piquaoh.org">www.piquaoh.org</a> to obtain an application. EOE.

## City of Westerville seeks director of public service

The City of Westerville seeks a highly experienced professional to serve as the Director of Public Service. The successful candidate will have a broad background in all aspects public works (street maintenance, water line and sewer line maintenance, cemetery management, fleet procurement and repair, solid waste collection), strong supervisory and communication skills, and should have a commitment to the highest levels of integrity and exceptional customer service. Position reports to the Assistant City manager with overall reporting responsibility to the City Manager.

Required: Bachelor's degree, preferably in Engineering or Civil Engineering, and ten years of progressively responsible managerial experience in government, at least six years of which are at a middle to senior management level.

For a complete job description and to apply, please visit the City of Westerville website at <a href="www.westerville.org">www.westerville.org</a> (see "Jobs" at the top of the page). Only online applications completed at <a href="www.westerville.org">www.westerville.org</a> will accepted.

The deadline for application is 11:59 p.m. March 16, 2014. The City of Westerville is an Equal Opportunity Employer/ADA

## **Decommissioned equipment** available through Wadsworth

Due to recent implementation of a smart grid system the City of Wadsworth is offering decommissioned equipment at nominal charges for communities who are willing to pick it up. For more information or a complete list of available equipment, please contact Ron Jackson at



330.335.2864 or John Williams at 330.335.2819 with Wadsworth's Electrical Substation Department.

Equipment and miscellaneous materials available in-

- Various relays and controls including but not limited to ABB TPU relays, Basler overcurrent relays, GE reclosing relays, and ElectroSwitch CSR control switches and lockout relays
- Current transformers
- S&C power fuse air flow tester
- Regulator Controls (Siemens, Cooper and GE)
- Various substation style meters and transducers

#### Journeyman lineworker position now open in Jackson Center

Village of Jackson Center has an immediate opening for an experienced, Journeyman Lineworker position.

Successful candidates will meet the following qualifications: high school diploma or GED, Journeyman Certification or be willing to possess a Journeyman Certification. Commercial Driver's License (CDL) with a Class B endorsement. Mechanical knowledge and knowing how to operate equipment such as: Aerial bucket truck, digger derrick truck, trencher, backhoe, pick-up truck, skid loader, dump truck, chain saw, wood chipper, power tools, twoway radio, climbing spikes.

Employee must follow APPA safety procedures. Employee will be on call 24/7 every other week to respond to outages or problems. Must live or relocate to within a 20 minute radius of the Village of Jackson Center.

This is an inherently hazardous and physically demanding job. Candidate must be willing to work in all kinds of weather conditions.

Position pay scale: Beginning at \$19.61 per hour to \$23.01 per hour (\$40,781.49 annually to \$47,850.42 annually).

Applications available at Village of Jackson Center Administration Office, 122 E.Pike St. or online at www. jacksoncenter.com.

Applications will be accepted until 4 p.m. March 14, 2014. Jackson Center is an equal opportunity employer.

#### Columbus offers open competitive exams for three positions

The City of Columbus Department of Public Utilities is seeking qualified candidates for three positions: Power Line Worker Supervisor I, Cable Worker Supervisor I and Cable Worker Supervisor II.

To apply, one must first take an open competitive examination. Applications may be submitted to the Civil Service Commission by applying online at www. csc.columbus.gov by March 14, 2014. Applicant Tracking is now managed by NEOGOV. If you have submitted a profile in the past, you will have to submit a new one through NEOGOV.

The Power Line Worker Supervisor I position is responsible for supervising and participating in the installation, repair, and replacement of components in the overhead power line distribution system. To qualify, candidates must have two years of experience as a Power Line Worker II with the City of Columbus or comparable experience and possess a valid Class A commercial motor vehicle operator's license allowing operation of vehicles with air brakes. Salary \$48,484 - \$77,396.

The Cable Worker Supervisor I position is responsible for supervising and participating in the installation, repair and replacement of components of the underground electricity distribution system. To qualify, candidates must have two years of experience as a Cable Worker II with the City of Columbus OR comparable experience. Possession of a valid Class A. CDL with Air Brakes and Tanker endorsement is required. Salary \$48,484 - \$77,396.

The Cable Worker Supervisor II position is responsible for supervising crews involved in the installation, repair, and replacement of components of the underground electricity distribution system. To qualify, candidates must have two years of experience as a Cable Worker Supervisor I with the City of Columbus OR comparable experience. A valid Driver's License is required for this position. Salary: \$51,272 - \$76,897.

Contact the Civil Service Commission at 614.645.8300 with questions. EOE.

#### Schuylkill Haven in need of journeyman electric lineworker

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

A complete job description and job application can be obtained by contacting the borough office at 570.385.2841 or by logging on to the Borough's website www.schuylkillhaven.org.

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

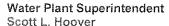


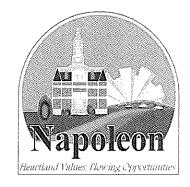
## City of NAPOLEON, Ohio

#### Water Treatment Plant

527 Welsted St., P.O. Box 151, Napoleon, OH 43545

Phone: 419/592-8811 Fax: 419/592-8595





## Memorandum

To: BOPA, City Council

From: Scott L. Hoover, Water Plant Superintendent

Date: March 7, 2014

Subject: Increase of testing fees

The water plant has experienced increases in our cost of running our bacteria testing in our lab. Do to changes in the EPA requirements on sampling charges, these fees could be in the range of \$150.00 or higher. After doing some checking around with other labs that do the same testing the following increases are recommended.

- 1. Increase the normal bacterial test to \$20.00 per sample.
- 2. Add a fee for Special Samples, \$40.00 per sample.
- 3. Add a fee of \$100.00 for samples run on weekends. (Fri.-Sun)
- 4. Increase the fee for outside meter calibrations to \$30.00.
- 5. Increase the Bulk water sales at plant to follow other rate increases for the next 3 years. Raise by 3% each year, 2014, 2015, 2016.

These increases put us to at the same pricing or just below the other labs in the area.



## Legislative Bulletin

#### Ohio Municipal League Legislative Bulletin

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**Committee Schedule** 

March 7, 2014

#### LEGISLATURE RECESSES FOR THE WEEK RETURNING NEXT WEEK

The Ohio General Assembly took a small break from their legislative activities this week at the Statehouse so there are no committee or session activities to report. The legislature will be back in full force next week with, among other things, action still pending by the Ohio House of Representatives on the anti-annexation legislation, HB277, which would expand the number of property owner interests to be included in the most commonly used TYPE-II 100% agreed to annexation procedure. The House State and Local Government committee favorably approved the bill last week and the proposal is now waiting consideration by the full House membership. If the legislation is added to the House session calendar for vote, we will alert our members.

#### STRONG OHIO COMMUNITIES COMMITTEE WILL PROMOTE ISSUE 1 PUBLIC WORKS RENEWAL

Columbus – A bipartisan, statewide citizen's committee – Strong Ohio Communities – will run a statewide campaign between now and the primary election to secure voter approval of state Issue 1, renewal of the public works bond issue that has served Ohio communities successfully for 27 years.

Issue 1, placed on the ballot with nearly unanimous legislative support, will authorize up to \$1.875 billion in bonds over ten years for local community road, bridge, sewer, water and other infrastructure projects. First approved in 1987, the program has twice been renewed by voters overwhelmingly, in 1995 and 2005.

Honorary chairs of the Strong Ohio Communities Committee will be Tim Burga, president of the Ohio AFL-CIO; Andrew Doehrel, president of the Ohio Chamber of Commerce; Michael B. Coleman, Mayor of Columbus; and Greg Hartmann, Hamilton County Commissioner.

Burga said, "The Ohio AFL-CIO supports Issue 1 because of the 35,000 jobs it will create, and the benefit it will provide our members across the state in terms of new and improved basic infrastructure. Leaders of both political parties and business and labor all agree: Issue 1 benefits all Ohioans and deserves passage on May 6."

"More than 11,500 projects have been completed in the 27 years the Issue 1 capital improvements program has been in place. With passage of Issue 1, thousands more will be added," Doehrel said. "And because repayment of Issue 1 bonds is already built into state budget planning, Issue 1 won't raise taxes a dime."

Coleman added, "Ohio's public works bond issues, approved under governors of both parties, provide state help to local communities for capital improvements that improve safety and reduce maintenance costs. The program has stood the test of time, and approval will be a major benefit to communities in all 88 counties of Ohio."

Hartmann concluded, "As a local officeholder, I know how tough it is to find money for infrastructure repair and replacement. The Issue 1 public works program is a crown jewel in the state's support for local governments. Without this state help, many of these projects would face long delays, or never be done at all."

Aside from the four co-chairs, another several dozen Strong Ohio Communities members will be announced as the campaign unfolds, together with campaign chairmen in each of Ohio's 88 counties.

Issue 1 funds will pay up to 90 percent of the cost of repair and replacement projects, and up to 50 percent of new projects that independent panel's judge to be essential to public health, welfare and quality of life. A per capita allocation system assures that even the smallest Ohio communities share in the benefits of the program.

Ben Kaiser will manage the operations of the Strong Ohio Communities Committee. Strong Ohio Communities will raise money for television ads and other campaign activities necessary to tell the story of the Issue 1 program. It will also operate a website, <a href="www.strong-ohio.com">www.strong-ohio.com</a>, where voters can research facts about the issue, and access a listing of all 11,500 projects completed in the last three decades.

For more information, Contact Strong Ohio Communities at 614-470-4313) or through info@strong-ohio.com.

Below is the committee schedule that has been released, so far. If there are any additions or changes to the schedule, we will report those to you on Monday. Have a nice weekend and think Spring!~

#### Preliminary Committee Schedule

#### PRELIMINARY COMMITTEE SCHEDULE FOR THE WEEK OF MARCH 9, 2014

Tuesday, March 11, 2014

Rep. Maag: 614-644-6023

Sen. LaRose: 614-466-4823

#### HOUSE SHARED SERVICES AND GOVERNMENT EFFICIENCY SUBCOMMITTEE

Tue., Mar. 11, 2014, 10:00 AM, Hearing Room 113

HB321 DATAOHIO BOARD (DUFFEY M, HAGAN C) To create the DataOhio Board, and to specify requirements for posting public records online.

Fifth Hearing, All Testimony, AMENDMENTS

HB322 UNIFORM ACCOUNTING SYSTEM (DUFFEY M, HAGAN C) To require the Auditor of State to adopt rules regarding a uniform accounting system for public offices.

Fifth Hearing, All Testimony, AMENDMENTS

HB323 ONLINE PUBLIC DATA CATALOG (DUFFEY M, HAGAN C) To establish an online catalog of public data at data. Ohio.gov.

Fifth Hearing, All Testimony, AMENDMENTS

HB324 LOCAL GOVERNMENT INFORMATION EXCHANGE GRANT PROGRAM (DUFFEY M, HAGAN C) To establish the Local Government Information Exchange Grant Program and to make an appropriation.

Fifth Hearing, All Testimony, AMENDMENTS

Wednesday, March 12, 2014

#### SENATE PUBLIC SAFETY, LOCAL GOVERNMENT AND VETERANS AFFAIRS

Wed., Mar. 12, 2014, 4:00 PM, North Hearing Room

TOWNSHIP FISCAL OFFICERS EDUCATION PROGRAMS (SCHAFFER T) To establish education programs and continuing education requirements for the fiscal officers of townships and municipal corporations.

Third Hearing, All Testimony, AMENDMENTS/POSSIBLE VOTE

## PLEASE CHECK OUR WEBSITE MONDAY MORNING FOR THE FINAL COMMITTEE SCHEDULE