Memorandum

To: Mayor & Members of Council

From: Monica Irelan, City Manager

Subject: General Information

Date: May 9, 2014

CALENDAR

MONDAY, MAY 12TH

- 1. Meeting Agenda ELECTRIC COMMITTEE @ 6:30 pm
 - a. Approval of Minutes a copy of the April 14th meeting minutes are enclosed
 - b. *Review/Approval of Electric Billing Determinants for May 2014* –the billing determinants reports are enclosed.
 - c. Electric Department Report for April 2014 is attached.
 - d. *Review of Electric Rates with Courtney & Associates* included in the packet are: 1) the 2014 Electric Rate and Cost of Service Study; 2) Cost of Service Model; and 3) Moving \$60,000 Adder to Base Rates.
 - e. *Review of AMPGS Settlement* enclosed is information from AMP on AMPGS Stranded Cost Payment Options. Greg asked that we also include AMP Statement on AMPGS Bechtel Litigation and AMPGS Local Government Participant Accounting & Disclosure.
- 2 Meeting Agenda BOARD OF PUBLIC AFFAIRS @ 6:30 pm
- 3 Meeting Agenda WATER/SEWER COMMITTEE @ 7:00 pm
 - a. Approval of Minutes the minutes from the April 14th meeting are enclosed.
 - b. *Review of VanHyning I/I Study* Adam Hoff from Stantec has a presentation he will be giving at the meeting
- 4 CANCELLATION Municipal Properties/ED Committee

TUESDAY, MAY 13TH

- 1 Meeting Agenda Privacy Committee @ 10:30 am
- 2 CANCELLATION Board of Zoning Appeals
- 3 CANCELLATION Planning Commission

INFORMATIONAL

- 1. AMP Update/May 2, 2014
- 2. AMP Update/May 9, 2014
- 3. OML Bulletin/May 9, 2014

MI:rd Records Retention CM-11 - 2 Years

Monthly Calendar

May 1 - 31, 2014



② Calendar

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
27	28	29	30	1	2	3
						10
4	5	6	7	8	9	10
11	12	13	14	15	16	17
	6:30 PM ELECTRIC		BISHER - Vacation	BISHER - Vacation	BISHER - Vacation	BISHER - Vacation
	Committee					
	Board of Public Affairs					
	7:00 PM WATER/SEWER					
	Committee					
	Rox					
18	19	20	21	22	23	24
	6:00 PM City TREE			AMP - Bisher	BISHER - Vacation	BISHER - Vacation
	Commission Mtg.		Awi - Dister	Awi - Dister	DISILIC - Vacation	DISTILK - Vacation
	6:15 PM Parks & Rec					
	Committee Meeting					
	7:00 PM City COUNCIL					
	Meeting					
	Dan					
25	26	27	28	29	30	31
			20	29		31
BISHER - Vacation	HOLIDAY - MEMORIAL DAY	6:30 PM Finance & Budget				
	BISHER - Vacation	Committee Mtg.				
		7:30 PM Safety & Human Resources Comm. Mtg.				
	1	BISHER - Vacation				
1			1		1	
		<mark>Sheryl</mark>				

City of Napoleon, Ohio

ELECTRIC COMMITTEE

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

Meeting Agenda Monday, May 12, 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 May: Generation Charge: Residential @ \$0.08677; Commercial @ \$0.10393; Large Power @ \$0.05563; Industrial @ \$0.05563; Demand Charge Large Power @ \$14.36; Industrial @ \$15.02; JV Purchased Cost: JV2 @ \$0.04804; JV5 @ \$0.04804
- III. Electric Department Report
- IV. Review of Electric Rates with Courtney & Associates
- V. Review of AMPGS Settlement
- VI. Any Other Items Currently Assigned to Committee

Gregory J. Heath, Finance Director/Clerk of Council

City of Napoleon, Ohio ELECTRIC COMMITTEE Meeting Minutes Monday, April 14, 2014 at 6:30 PM

PRESENT Members BOPA City Staff Recorder Others ABSENT	Travis Sheaffer – Chair (arrived at 6:32 pm), Jason Maassel, Jeff Comadoll (substitute), John Helberg (arrived at 6:50 pm) Keith Engler – Chair, Mike DeWit, Dr. David Cordes Ronald A. Behm, Mayor (arrived at 7:13 pm) Dr. Jon A. Bisher, City Manager Monica S. Irelan, Assistant City Manager Dennis Clapp, Electric Superintendent Trevor M. Hayberger, Law Director Gregory J. Heath, Finance Director/Clerk of Council Tammy Fein Media, Carey Lange
Call To Order	Chairperson Engler called the meeting to order at 6:30 pm. Committee member Maassel called the meeting to order at 6:30 pm.
Approval Of Minutes	The March 10 meeting minutes stand approved as presented with no objections or corrections.
Review Of Billing Determinants	 The electric billing determinants for April were presented for review. Heath reported that the JV5 determinant reflects the credit received for prepayment on the debt limitation process; this information was distributed in the packet; see attached. Heath added that this is the second payment on the levelization program that runs through March 2015, with this payment totaling \$120,000 however the payments fluctuate between \$120,000 and approximately \$180,000, and in April of 2015 a credit will be received. Cordes asked the amount of interest received on these payments; Heath replied that a trust account was opened with US Bank and according to the last statement, the interest rate is approximately 0.02%. DeWit added that the options of where to place the funds are limited, as it cannot be placed in commodities. Heath reported that currently there is \$310,000 in the account and \$6.43 was earned in interest.
Motion To Recommend Approval Of Electric Billing Determinants	Motion: DeWitSecond: CordesTo recommend approval of electric billing determinants for April 2014 asfollows:Generation Charge: Residential @ \$0.06700; Commercial @ \$0.07470;Large Power @ \$0.04226; Industrial @ \$0.04226; Demand Charge LargePower @ \$11.28; Industrial @ \$13.22; JV Purchased Cost: JV2 @\$0.06643; JV5 @ \$0.06643.
Passed	Roll call vote on above motion:

Yea- 3 Nay- 0	Yea- Engler, Cordes, DeWit Nay-
Motion To Accept BOPA Recommendation For Approval Of Electric Billing Determinants	Motion: MaasselSecond: ComadollTo accept the BOPA recommendation for approval of electric billing determinants for April 2014 as follows:Gener]ation Charge: Residential @ \$0.06700; Commercial @ \$0.07470; Large Power @ \$0.04226; Industrial @ \$0.04226; Demand Charge Large Power @ \$11.28; Industrial @ \$13.22; JV Purchased Cost: JV2 @ \$0.06643; JV5 @ \$0.06643.
Passed Yea- 3 Nay- 0	Roll call vote on above motion: Yea- Sheaffer, Maassel, Comadoll Nay-
Electric Department Report	Clapp gave the Electric Department Report (attached).
	Maassel asked if the crews drove in the lawns behind the residences in Riviera Heights; Clapp replied the lawns are driven in only when necessary, and any ruts that are made by the trucks are fixed; Clapp added that equipment pads were purchased to help decrease the number of ruts made when driving in the lawn is necessary.
	Engler asked if additional precautions were taken at the area near WalMart that has significantly decreased the number of geese flying into the power lines; Clapp replied that the harsh winter may have thinned out the numbers of geese, and the six (6) foot cross arms were replaced with ten (10) foot cross arms to keep the wires from coming together if hit. Bisher added that he and Irelan observed the Electric Department software used at Police Dispatch to track power outages and it will be very helpful in tracking the number of outages associated with each incident; Clapp added that he is having a touchscreen installed in his office to monitor the incidents, and the software will automatically call the residents back to ensure the power has been restored and change the status on the screen, this will help to ensure that no resident is left without power. DeWit asked how to get on the list for callback through this system; Bisher replied there is a call number that will be distributed with the bills. Clapp stated that the outages can now be tracked with only a few residents calling in instead of everyone who was without power; Bisher added this system will work with all numbers, both landline and cell phones. Clapp stated that residents who are not Napoleon Power customers will still be able to call in to the Police Department and the Dispatcher will enter the address into the system to be tracked; DeWit warned that residents should be careful when doing this, as the Napoleon Police Department Dispatchers will enter the information into the system however the Sheriff's Department Dispatchers will not; Bisher agreed. Clapp stated the EfficiencySmart Program has been successful recently, however the representative for the Program, Marvin Davis, has been let go due to downsizing; Carl Andre will take over the program. Clapp stated that Andre originated the program with the City and will be a fit

	like to attend.
Review Of Electric Rates	Bisher stated the review of the full Cost of Service Study with Courtney & Associates, including rate structure, will take place at the May 12 meeting.
Sequestration Of Build America Bond Payments	Sheaffer reported that many City projects are funded by tax free municipal bonds; the Federal Government issues Build America Bonds in which the Government would pay the interest rate on the bond; Heath added that these were fully taxable bonds with the interest reimbursed by the Federal Government. Sheaffer reported that the sequestration of these bonds that began in 2008 was extended to fund COLAs for Veterans. Heath explained that this means the City is not being reimbursed by the Federal Government, meaning that the entity which originally borrowed the money must now produce the additional funds to pay the interest as well. Sheaffer reported that AMP stated if the funds were continued to be sequestered, this would result in \$63,000,000 in reduced credit payment to AMP for bonds issued to finance Prarie State, the combined hydros, and the Meldahol hydro projects. AMP is requesting the City to contact the US Representatives and Senators regarding this issue; Sheaffer has a sample document to distribute to anyone who is interested. DeWit suggested that the cost per City customer should be highlighted in the correspondence to better show the message of who is being affected by the sequestration. Bisher stated that Congress had been spoken to before regarding this issue, and Congress suggested speaking with the Office of Management and Budget, who in turn suggested speaking with the Office of Management and Budget, who in turn suggested speaking with the City had Revenue Zone Economic Development Bonds on the sewer issue with a rate of 45% because the bonds qualified for an extra 10%, of that, the shortage is 8.7%. Heath is having the issue evaluated; adding that when the Government backtracked on its promise to pay, the term of the bond was voided, making the bond immediately callable. Heath is researching interest and if a more favorable rate can be reached, Heath will bring the bond before Council for approval.
Electric Motion To Adjourn	Motion: Maassel Second: Comadoll
Passed Yea- 3 Nay- 0	Roll call vote on above motion: Yea- Sheaffer, Maassel, Comadoll Nay-
	Page 3 of 4





BILLING DETERMINANTS for E	BILLING CY	CLE - MA	<u>Y, 2014</u>						
2014 - MAY BILLING WITH APRIL 2014 DATA B									
PREVIOUS MONTH'S POWER BILLS - P		OWER KWH AN	D COST ALLO		EMAND & ENE				
DATA PERIOD	MONTH			DAYS IN MONTH		MUNICIPAL PEAK			
AMP-Ohio Bill Month	MARCH, 2014			31		22,912			
City-System Data Month	APRIL, 2014			30					
City-Monthly Billing Cycle	MAY, 2014			31					
	AMPGS	AMPGS	FIRST ENERGY			AMP SOLAR	PRAIRIE STATE	NORTHERN	FREEMONT
(<u>PURCHASED POWER-RESOURCES -> (</u>	REPLACEMENT		REM.REQUIREMEN	AMP CT	NYPA	PHASE 1	SCHED. @ PJMC 8	POWER	ENERGY
FURCHASED FOWER-RESOURCES -> [2013 5x16 @ AD	2013 7x24 @ AD					REPLMT@ PJMC &	POOL	SCHEDULED
Delivered kWh (On Peak) ->	1,680,000	744,000	2,056,198		579,829	100,634	2,770,300	127,492	4,074,56
Delivered kWh (Off Peak) ->	1,000,000	744,000	2,000,100	, , , , , , , , , , , , , , , , , , ,	070,020	100,004	2,110,000	681,110	4,014,00
Delivered kWh (Replacement/Losses/Offset) ->							0	001,110	
Delivered kWh (Credits) ->							_	-1,610,393	
Net Total Delivered kWh as Billed ->	1,680,000	,	2,056,198	0	0.0,0=0	100,634	2,770,300	-801,791	4,074,56
Percent % of Total Power Purchased->	12.3518%	5.4701%	15.1177%	0.0000%	4.2631%	0.7399%	20.3680%	-5.8951%	29.9573%
POWER - COSTS OF ENERGY, DEMAND, REACTIV	/E, TAXES, FEES,	CREDITS & OTHER	R ADJUSTMENTS:						
DEMAND CHARGES (+Debits)									A
Demand Charges				\$27,510.15	\$5,819.07		\$44,379.77		\$31,245.7
Debt Services (Principal & Interest)							\$118,258.70		\$44,194.2
Capital Improvements									
Working Capital					¢4,000,00				
Bill Adjustments (General)					\$4,802.23				
DEMAND CHARGES (-Credits)									
Transmission Charges (Demand-Credits)				-\$13.704.18		-\$126.33			
Capacity Credit				-\$7,661.41	-\$792.12	-\$120.33	-\$3,487.59		-\$7,303.1
Bill Adjustments (General)				-\$7,001.41	-\$792.12		-\$3,407.39		-\$7,303.1
Bill Adjustments (General)									
Sub-Total Demand Charges	\$0.00	\$0.00	\$0.00	\$6,144.56	\$9,829.18	-\$126.33	\$159,150.88	\$0.00	\$68,136.9
ENERGY CHARGES (+Debits or Adjustments):									
Energy Charges - (On Peak)	\$118,322.40	\$45,145.92	\$71,864.12		\$12,643.53	\$8,553.90	\$16,126.19	\$13,478.73	\$154,926.3
Energy Charges - (Replacement/Off Peak)	\$110,322.40	\$45,145.92	\$71,004.12		\$12,043.33	\$0,000.90	φ10,120.19	\$13,478.73	φ104,920.3
Net Congestion, Losses, FTR	\$15,052.21	\$5,266.76					\$54,009.81	φ23,307.01	-\$17,700.1
Transmission Charges (Energy-Debits)	ψ10,002.21	ψ3,200.70					\$42,568.61		-\$17,700.1
ESPP Charges							φ+2,300.01		
Bill Adjustments (General & Rate Levelization)					\$194.82				-\$107.6
Din Adjustments (General & Hate Levenzation)					φ10 4 .02				-\$107.0
ENERGY CHARGES (-Credits or Adjustments):									
Energy Charges - On Peak (Sale or Rate Stabilization)								-\$94,525.76	
Net Congestion, Losses, FTR					-\$8,499.18			\$04,0E0.70	
Bill Adjustments (General & Rate Levelization)					ψ0,400.10		-\$17,272.43		
							φτ <i>η</i> ,ετε.το		
Sub-Total Energy Charges	\$133,374.61	\$50,412.68	\$71,864.12	\$0.00	\$4,339.17	\$8,553.90	\$95,432.18	-\$55,679.42	\$137,118.5
COMBINED DEMAND & ENERGY (Debits & Credits	Allocated by Ration	o between Demand	l & Energy) - Servi	ce Fees, Billina and	d Rate Adiustment	s:			
RPM Charges Capacity - (+Debit)									
RPM Charges Capacity - (-Credit)									
Service Fees AMP-Dispatch Center - (+Debit/-Credit)									
Service Fees AMP-Part A - (+Debit/-Credit)									
Service Fees AMP-Part B - (+Debit/-Credit)									
Other Charges & Bill Adjustments - (+Debit/-Credit)									
City Rate Adjustment in Cost of Power (1)									
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
								ş0.00 	
TOTAL - ALL COSTS TO ALLOCATE	\$133,374.61	\$50,412.68	\$71,864.12	\$6,144.56	\$14,168.35	\$8,427.57	\$254,583.06	-\$55,679.42	\$205,255.4
Purchased Power Resources - Cost per kWH->	\$0.079390	\$0.067759	\$0.034950	\$0.000000	\$0.024435	\$0.083745	\$0.091897	\$0.069444	\$0.05037
NOTES: (1) A Permanent \$60,000 Monthly Cost of	Power representin	a a Eivo (5%) Inora	aso in 2008, as An	proved by Council	in Ord # 003-08 n	assed 01/07/2008	offootivo billing Mar	ch 2008	

BILLING DETERMINANTS for E								
2014 - MAY BILLING WITH APRIL 2014 DATA B								
PREVIOUS MONTH'S POWER BILLS - P	l							
DATA PERIOD								
AMP-Ohio Bill Month								
City-System Data Month								
City-Monthly Billing Cycle								
	EFFICIENCY	JV-2	JV-5	JV-6	TRANSMISSION	SERVICE FEES	LEVELIZATION	TOTAL -
PURCHASED POWER-RESOURCES -> (SMART	PEAKING	HYDRO	WIND	CHARGES	DISPATCH, A & B		ALL
	POWER PLANT	SCHED. @ ATSI	<u>7x24 @ ATSI</u>	SCHED. @ ATSI	Other Charges	Other Charges	MONTHLY ADDER	<u>RESOURCES</u>
Delivered kWh (On Peak) ->	. 0	31	2,297,472	66,749				14,497,266
Delivered kWh (Off Peak) ->								681,110
Delivered kWh (Replacement/Losses/Offset) ->			33,261					33,261
Delivered kWh (Credits) ->								-1,610,393
Net Total Delivered kWh as Billed ->	0	31	2,330,733	66,749	0	0	0	13,601,244
Percent % of Total Power Purchased->	0.0000%	0.0002%	17.1362%	0.4908%	0.0000%	0.0000%	0.0000%	100.0000%
							Verification Total - >	100.0000%
POWER - COSTS OF ENERGY, DEMAND, REACTIV	v							
DEMAND CHARGES (+Debits)								
Demand Charges		\$440.59	\$15,082.65	\$1,334.86	\$44,340.17			\$170,153.05
Debt Services (Principal & Interest)			\$64,508.32	\$3,531.00				\$230,492.27
Capital Improvements								\$0.00
Working Capital								\$0.00
Bill Adjustments (General)								\$4,802.23
DEMAND CHARGES (-Credits)								
Transmission Charges (Demand-Credits)		-\$258.35	-\$4,321.09					-\$18,442.74
Capacity Credit		-\$194.64	-\$2,593.92	-\$16.52				-\$22,049.34
Bill Adjustments (General)								\$0.00
Sub-Total Demand Charges	\$0.00	-\$12.40	\$72,675.96	\$4,816.55	\$44,340.17	\$0.00	\$0.00	\$364,955.47
ENERGY CHARGES (+Debits or Adjustments):		61 05	\$44,000,0 7		\$40,004,00			AF07 F74 47
Energy Charges - (On Peak)		\$1.25	\$44,223.87		\$42,284.93			\$527,571.17 \$25,367.61
Energy Charges - (Replacement/Off Peak) Net Congestion, Losses, FTR								\$25,367.61
Transmission Charges (Energy-Debits)								\$42,568.61
ESPP Charges	\$18,234.31							\$18,234.31
Bill Adjustments (General & Rate Levelization)	\$10,234.31	\$4.41					\$120,000.00	\$18,234.31
Bill Adjustments (General & Hate Levelization)		φ+.+1					φ120,000.00	\$120,091.05
ENERGY CHARGES (-Credits or Adjustments):								
Energy Charges - On Peak (Sale or Rate Stabilization)		-\$37.13				1		-\$94,562.89
Net Congestion, Losses, FTR	/	<i>\\</i>				1		-\$8,499.18
Bill Adjustments (General & Rate Levelization)						1		-\$17,272.43
, , , , , , , , , , , , , , , , , , , ,								
Sub-Total Energy Charges	\$18,234.31	-\$31.47	\$44,223.87	\$0.00	\$42,284.93	\$0.00	\$120,000.00	\$670,127.46
COMBINED DEMAND & ENERGY (Debits & Credits	S					1		
RPM Charges Capacity - (+Debit)					\$32,282.75			\$32,282.75
RPM Charges Capacity - (-Credit)								\$0.00
Service Fees AMP-Dispatch Center - (+Debit/-Credit)						\$491.80		\$491.80
Service Fees AMP-Part A - (+Debit/-Credit)						\$2,982.61		\$2,982.61
Service Fees AMP-Part B - (+Debit/-Credit)						\$7,977.90		\$7,977.90
Other Charges & Bill Adjustments - (+Debit/-Credit)								\$0.00
City Rate Adjustment in Cost of Power (1)							\$60,000.00	\$60,000.00
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$32,282.75	\$11,452.31	\$60,000.00	\$103,735.06
TOTAL - ALL COSTS TO ALLOCATE	\$18,234.31	-\$43.87	\$116,899.83	\$4,816.55	\$118,907.85	\$11,452.31	\$180,000.00	\$1,138,817.99
	,	÷	,	, .,	,	,	Verification Total - >	\$1,138,817.99
Purchased Power Resources - Cost per kWH->	\$0.000000	-\$1.415161	\$0.050156				\$0.000000	\$0.083729
							Electric Service Rate - >	\$0.048041
			(Northern Pool I	Power - On-Peak (o	Off-Peak) Energy (Charge/kWH) = JV5	Electric Service Rate - >	\$0.048041
NOTES: (1) A Permanent \$60,000 Monthly Cost of								
1								

BILLING DETERMINANTS for E			V 2014						
		CLE - IMA	<u>1, 2014</u>						
2014 - MAY BILLING WITH APRIL 2014 DATA B									
PREVIOUS MONTH'S POWER BILLS - P	URCHASED PC	<u>OWER KWH AN</u>	D COST ALLO	<u>CATIONS BY D</u>	EMAND & ENE	RGY:			
DATA PERIOD	MONTH			DAYS IN MONTH		MUNICIPAL PEAK			
AMP-Ohio Bill Month	MARCH, 2014			31		22,912			
City-System Data Month	APRIL, 2014			30					
City-Monthly Billing Cycle	MAY, 2014			31					
(AMPGS	AMPGS	FIRST ENERGY			AMP SOLAR	PRAIRIE STATE	NORTHERN	FREEMONT
PURCHASED POWER-RESOURCES -> (REPLACEMENT	REPLACEMENT	REM.REQUIREMENT	AMP CT	NYPA	PHASE 1	SCHED. @ PJMC 8	POWER	ENERGY
(2013 5x16 @ AD	2013 7x24 @ AD	SCHED. @ ATSI	SCHED. @ ATSI	SCHED. @ NYIS	SCHED. @ ATSI	REPLMT@ PJMC	POOL	SCHEDULED
RATIOS COMPUTATION (By Billed Demand and E	nergy):								
DEMAND Ratio	0.0000%	0.0000%	0.0000%	100.0000%	69.3742%	-1.4990%	62.5143%	0.0000%	33.1961%
ENERGY Ratio	<u>100.0000%</u>	100.0000%	100.0000%	<u>0.0000%</u>	<u>30.6258%</u>	101.4990%	<u>37.4857%</u>	100.0000%	<u>66.8039%</u>
Verification Total-Ratio's = 100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%
COST ALLOCATION TO SERVICE FEES & BILLING	AND RATE ADJU	STMENTS - By DEI	MAND and ENERG	Y RATIO'S:					
RPM Charges Capacity									
DEMAND - Allocation based on Ratio	\$0.00	1			\$0.00			\$0.00	\$0.00
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>
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Service Fees-AMP Charges (Dispatch, Part A & Pa									
DEMAND - Allocation based on Ratio	\$0.00				\$0.00			\$0.00	\$0.00
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>
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Charges & Other Bill Adjustments					.				
DEMAND - Allocation based on Ratio	\$0.00	1		1	\$0.00			\$0.00	\$0.00
ENERGY - Allocation based on Ratio	\$0.00				<u>\$0.00</u>		\$0.00	<u>\$0.00</u>	<u>\$0.00</u>
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
City Rate Adjustment in Cost of Power (1)	* ****	* ****	* ****	* ****	* ****	** • •	* ****	* ****	
DEMAND - Allocation based on Ratio	\$0.00	\$0.00			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ENERGY - Allocation based on Ratio	\$0.00				\$0.00	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Varifiantian Tatal									
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

BILLING DETERMINANTS for E								
2014 - MAY BILLING WITH APRIL 2014 DATA B								
PREVIOUS MONTH'S POWER BILLS - PI								
DATA PERIOD								
AMP-Ohio Bill Month								
City-System Data Month								
City-Monthly Billing Cycle								
(EFFICIENCY	JV-2	JV-5	JV-6	TRANSMISSION	SERVICE FEES	LEVELIZATION	TOTAL -
PURCHASED POWER-RESOURCES -> (SMART	PEAKING	HYDRO	WIND	CHARGES	DISPATCH, A & B	& CITY RATE	ALL
(POWER PLANT	SCHED. @ ATSI	7x24 @ ATSI	SCHED. @ ATSI	Other Charges	Other Charges	MONTHLY ADDER	RESOURCES
RATIOS COMPUTATION (By Billed Demand and En						A-AMP RATIO	B-CITY RATIO	
DEMAND Ratio	0.0000%	28.2653%	62.1694%	100.0000%	51.1863%	36.8175%	40.2262%	
ENERGY Ratio	100.0000%	71.7347%	37.8306%	0.0000%	48.8137%	63.1825%	59.7738%	
Verification Total-Ratio's = 100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	
COST ALLOCATION TO SERVICE FEES & BILLING								TOTALS
RPM Charges Capacity								
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$16,524.34	\$0.00	\$0.00	\$16,524.34
ENERGY - Allocation based on Ratio	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$15,758.41</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$15,758.41</u>
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$32,282.75	\$0.00	\$0.00	\$32,282.75
Service Fees-AMP Charges (Dispatch, Part A & Par								
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00			\$0.00	\$4,216.45
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>\$7,235.86</u>
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,452.31	\$0.00	\$11,452.31
Other Charges & Other Bill Adjustments								
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	1		\$48,271.44	\$48,271.44
ENERGY - Allocation based on Ratio	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>			<u>\$71,728.56</u>	<u>\$71,728.56</u>
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$120,000.00	\$120,000.00
City Rate Adjustment in Cost of Power (1)								
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00			\$24,135.72	\$24,135.72
ENERGY - Allocation based on Ratio	\$0.00	\$0.00	<u>\$0.00</u>	\$0.00			\$35,864.28	\$35.864.28
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	\$32,282.75	\$11,452.31	\$180,000.00	\$223,735.06

PREVIOUS MONTH'S POWER BILLS - PURC	HASED POWER S	UPPLY - COST				
			DAYS IN		SYSTEM	
DATA PERIOD	MONTH		MONTH		PEAK	
AMP-Ohio Bill Month	MARCH, 2014		31		22,912	
City-System Data Month	APRIL, 2014		30			
City-Monthly Billing Cycle	MAY, 2014		31			
PURCHASED POWER SUPPLY - COST ALL	OCATION WORKS	<u>SHEET</u>				
	Billing	Billing	RPM	RPM	Service Fees-AMP	Service Fees-AM
	Charges	Charges	Charges	Charges	Charges	Charges
Purchased Power Provider	DEMAND	ENERGY	DEMAND	ENERGY	DEMAND	ENERGY
AMPGS-REPLACEMENT 5x16 @ AD	\$0.00	\$133,374.61	\$0.00	\$0.00	\$0.00	\$0.0
AMPGS-REPLACEMENT 7x24 @ AD	\$0.00	\$50,412.68	\$0.00	\$0.00		\$0.0
SALE TO TEA 5x16 @ AD	\$0.00	\$71,864.12	\$0.00	\$0.00		\$0.0
EFFICIENCY SMART POWER PLANT	\$0.00	\$18,234.31	\$0.00	\$0.00		\$0.0
AMP CT SCHEDULED	\$6,144.56	\$0.00	\$0.00	\$0.00		\$0.0
NYPA SCHEDULED	\$9,829.18	\$4,339.17	\$0.00	\$0.00		\$0.0
AMP SOLAR PHASE 1 SCHEDULED	-\$126.33	\$8,553.90	\$0.00	\$0.00		\$0.0
PRAIRE STATE SCHEDULED	\$159,150.88	\$95,432.18	\$0.00	\$0.00	1.1.1.1	\$0.0
VORTHERN POWER POOL	\$0.00	-\$55,679.42	\$0.00	\$0.00	1	\$0.0
REEMONT ENERGY SCHEDULED	\$68,136.90	\$137,118.58	\$0.00	\$0.00		\$0.0
V-2 PEAKING SCHEDULED	-\$12.40	-\$31.47	\$0.00	\$0.00		\$0.0
V-5 HYDRO	\$72.675.96	\$44,223.87	\$0.00	\$0.00		\$0.0
V-6 WIND	\$4,816.55	\$0.00	\$0.00	\$0.00	1.1.1.1	\$0.0
TRANSMISSION and Other Charges	\$44,340.17	\$42,284.93	\$16,524.34	\$15,758.41	\$0.00	\$0.0
A - AMP Service Fees- Dispatch, A & B	\$0.00	\$0.00	\$0.00	\$0.00		\$7,235.8
3 - Levelization & City Rate Adder to Cost of Power	\$0.00	\$0.00	\$0.00	\$0.00		\$0.0
C - Outdoor Lght.Credit Reconciliation	\$0.00	\$0.00	\$0.00	\$0.00		\$0.0
FOTALS - ALL	\$364,955.47	\$550,127.46	\$16,524.34	\$15,758.41	\$4,216.45	\$7,235.8
IOTALS - ALL	\$304,933.47	\$550,127.40	\$10,524.54	\$15,756.41	\$4,210.45	\$7,233.0
RATIOS COMPUTATIONS (By Billed Demand and Energ A - AMP Service Fees - Ratio Allocation (Excluding		rvico Ecos)				
Totals - AMP All Billing Costs by Demand and Energy			ce Fees)			
Ratios to Allocate AMP Service Fees						
3 - City Rate Adjustment - Ratio Allocation (To Tota	I Cost of Power)					
Totals - All Billing Costs both Demand and Energy						
Ratios to Allocate City Rate Adjustment						
C - Outdoor Street Lights and Miscellaneou - Ratio	Allocation (To ALL Co	osts of Power, Inc	luding City Rate A	djustment)		
Fotals - 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			Average Cost of P	Dowor)		
Total Purchased Power Cost (Cost Per kWh, on Page			Average CUSLULF	010011		
Total Outdoor Street Light kWh by Light Type (on Page						
	· · · · · · · · · · · · · · · · · · ·				1	
Net Allocated - Security Street Light Credit Less: Security Street Light Corrections (If Any)						

	BILL	ING DETERMINAN	15			DE
BILLING DETERMINANTS for BILLIN						
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	1					
	Other Charges	Other Charges	City Rate	City Rate	TOTAL COSTS A	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	\$133,374.
AMPGS-REPLACEMENT 7x24 @ AD	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$50,412.
SALE TO TEA 5x16 @ AD	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$71,864.
EFFICIENCY SMART POWER PLANT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18,234
AMP CT SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$6,144.56	\$0.
NYPA SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$9,829.18	\$4,339.
AMP SOLAR PHASE 1 SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	-\$126.33	\$8.553.
PRAIRE STATE SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$159,150.88	\$95,432.
NORTHERN POWER POOL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$55,679.
FREEMONT ENERGY SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$68,136.90	\$137,118.
V-2 PEAKING SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	-\$12.40	-\$31.
V-2 FEARING SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$72,675.96	\$44,223.
V-5 WIND	\$0.00	\$0.00	\$0.00	\$0.00	\$4,816.55	\$44,223.
FRANSMISSION and Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$60,864.51	\$58,043.
A - AMP Service Fees- Dispatch, A & B	\$0.00	\$0.00	\$0.00	\$0.00	\$4,216.45	\$7,235.
B - Levelization & City Rate Adder to Cost of Power	\$48,271.44	\$71,728.56	\$24,135.72	\$35,864.28	\$72,407.16	\$107,592.
C - Outdoor Lght.Credit Reconciliation	-\$2,108.60	-\$3,133.25	\$24,135.72	\$55,804.28	-\$2,108.60	-\$3,133.
*	1.1					
FOTALS - ALL	\$46,162.84	\$68,595.31	\$24,135.72	\$35,864.28	\$455,994.82	\$677,581.
RATIOS COMPUTATIONS (By Billed Demand and Energy): A - AMP Service Fees - Ratio Allocation (Excluding JV)	1				DEMAND	ENERG
Totals - AMP All Billing Costs by Demand and Energy (Ex					\$303,999.70	\$521,693.4
Ratios to Allocate AMP Service Fees					<u>36.8175%</u>	<u>63.1825</u>
					30.017378	03.1023
B - City Rate Adjustment - Ratio Allocation (To Total C						
Totals - All Billing Costs both Demand and Energy					\$385,696.26	\$573,121.
Ratios to Allocate City Rate Adjustment					40.2262%	59.7738
C - Outdoor Street Lights and Miscellaneou - Ratio All						
Totals - All Billing Costs both Demand and Energy					\$458,103.42	\$680,714.
Ratios to Allocate City Rate Adjustment					40.2262%	59.7738
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	-\$5,241.85				-\$2,108.60	-\$3,133.
Less: Security Street Light Corrections (If Any)	ψυ, Ξ Τ Ι.00				ψ=,100.00	$\psi_{0,100.2}$
Less: Security Street Light Corrections (It Any)	\$0.00				\$0.00	<u>\$0.0</u>

LECTRIC		MO	NTHLY BILLING DE	IERMINANIS			DETERMINAN
BILLING DETERMINA	ANTS for BIL	LING CYCLE	- MAY, 201	4			
BILLING UNITS - ALLOCAT					JLATION		
BILLING UNITS - ALLOCAT	<u>ION OF kWH &</u>	DEMAND USEAC	<u>BE BY CLASS</u>				
		OR MONTH'S DAT	۲ ۸				
Days in AMP-Oh Bill Month	31						
Coincidental Peak in Month	22,912						
Days in Data Month	30						
-	1,G2, G3, & G4 ,			0	ITY STREET LIGHTS		N
	kWh	Metered kW	Billed kVa	Light	Number of	Monthly kWh	Total kWh
Cstmr. Class or Schedule	Sales	Demand	Demand	Type	Lights	Per Light	by Light Type
Residential (Domestic)	2,956,223			52W	3	17.16	51
Residential (Rural)	1,534,343			70W	87	23.10	2,010
Commercial (1P)	61,761			100W	487	33.00	16,071
Commercial (1P)(D)	374,315			150W	58	49.50	2,871
Commercial (3P)	80			157W	2	51.81	104
Commercial (3P)(D)	1,892,530			250W	335	82.50	27,638
Large Power (D)	2,564,436		7,167	400W	105	132.00	13,860
Industrial (D)	2,238,759		5,557				
Interdepartmental	557,004	1,264					
Total kWh, kW and kVa	12,179,451	22,725					62,605
Verification Totals ->				Ctreat Linkte	listing - Revised Per	Fleetrie Curerinten	
Venilcation Totals ->	12,179,451	22,725		Street Lights	listilig - neviseu Pel	Electric Superinten	
	AVE	RAGE AND EXCE	ESS DEMAND CA	LCULATION			
	A	B	C	D	E	F	
		—	-	-	D/"Tot.Excess Dmd	(B + E)	
		AMP Bill Month")	Factor")	(0 0)	X ("kW Load" -	System	
kWh & Demand	Monthly	Monthly	Caculated (Cal.)		Mthly.Avg.Dmd'')	kW Load	
w/Demand (Actual or Cal.)	kWh	Average	or Actual	Excess	Allocated Excess	Delivered	
Cstmr. Class or Schedule	Delivered	Demand	Maximum Demand	Demand	Demand	A & E	
Residential (Dom) (Cal. D)	2,956,223	3,973.42	5,354.00	1,380.58	631.84	4,605.26	
Residential (Rural) (Cal. D)	1,534,343		2,779.00		328.01	2,390.30	
Commercial (1P) (Cal. D)	61,761	83.01	112.00		13.27	96.28	
Commercial (1P) (Actual D)							
Commercial (3P) (Cal. D)	374.315	503.11	1.928.00	1.424.89	652.12	1.155.23	
/ (/	374,315 80		1,928.00 0.00		652.12 -0.05	1,155.23 0.06	
Commercial (3P) (Actual D)	80	0.11	0.00	-0.11	-0.05	0.06	
Commercial (3P) (Actual D) Large Power (Actual D)	80 1,892,530	0.11 2,543.72	0.00 6,545.00	- <mark>0.11</mark> 4,001.28	- <mark>0.05</mark> 1,831.24	0.06 4,374.96	
Large Power (Actual D)	80 1,892,530 2,564,436	0.11 2,543.72 3,446.82	0.00 6,545.00 7,167.00	-0.11 4,001.28 3,720.18	-0.05 1,831.24 1,702.59	0.06 4,374.96 5,149.41	
Large Power (Actual D) Industrial (Actual D)	80 1,892,530	0.11 2,543.72 3,446.82 3,009.08	0.00 6,545.00 7,167.00 5,557.00	-0.11 4,001.28 3,720.18 2,547.92	-0.05 1,831.24 1,702.59 1,166.09	0.06 4,374.96	Var
Large Power (Actual D) Industrial (Actual D)	80 1,892,530 2,564,436 2,238,759	0.11 2,543.72 3,446.82 3,009.08	0.00 6,545.00 7,167.00 5,557.00 1,009.00	-0.11 4,001.28 3,720.18 2,547.92 260.34	-0.05 1,831.24 1,702.59 1,166.09 119.15	0.06 4,374.96 5,149.41 4,175.17	<u>Var</u>
Large Power (Actual D) Industrial (Actual D) Interdepartmental (Cal. D) Total Billed System Demand	80 1,892,530 2,564,436 2,238,759 557,004	0.11 2,543.72 3,446.82 3,009.08 748.66 16,370.22	0.00 6,545.00 7,167.00 5,557.00 1,009.00 30,451.00	-0.11 4,001.28 3,720.18 2,547.92 260.34 14,080.78	-0.05 1,831.24 1,702.59 1,166.09 119.15 6,444.26	0.06 4,374.96 5,149.41 4,175.17 867.81	<u>Var</u>
Large Power (Actual D) Industrial (Actual D) Interdepartmental (Cal. D)	80 1,892,530 2,564,436 2,238,759 557,004 12,179,451	0.11 2,543.72 3,446.82 3,009.08 748.66 16,370.22 84.15	0.00 6,545.00 7,167.00 5,557.00 1,009.00 30,451.00 113.40	-0.11 4,001.28 3,720.18 2,547.92 260.34 14,080.78 29.25	-0.05 1,831.24 1,702.59 1,166.09 119.15 6,444.26 13.39	0.06 4,374.96 5,149.41 4,175.17 867.81 22,814.47	<u>Var</u>
Large Power (Actual D) Industrial (Actual D) Interdepartmental (Cal. D) Total Billed System Demand Outdoor Lights	80 1,892,530 2,564,436 2,238,759 557,004 12,179,451 62,605 12,242,056	0.11 2,543.72 3,446.82 3,009.08 748.66 16,370.22 84.15	0.00 6,545.00 7,167.00 5,557.00 1,009.00 30,451.00 113.40 30,564.40	-0.11 4,001.28 3,720.18 2,547.92 260.34 14,080.78 29.25 14,110.03	-0.05 1,831.24 1,702.59 1,166.09 119.15 6,444.26 13.39 6,457.65	0.06 4,374.96 5,149.41 4,175.17 867.81 22,814.47 97.53 22,912.00	<u>Var</u> <-Verification Total

			NTHLY BILLING DE				DETERMINA
BILLING DETERMIN	<u>IANTS for BIL</u>	<u>.LING CYCLE</u>	<u>- MAY, 201</u>	<u>4</u>			
BILLING UNITS - ALLOC	ATIONS OF WH	and DEMAND & E	NERGY COSTS	and BATE CALCL			
ALLOCATION OF ENERG		COSTS					
		<u>CO313</u>					
ENERGY COST ALLOCATION							
Total Energy Cost (from Power	Bills page):	\$677,581	\$677,581	<- Verification Total	 Variations Due T 	o Rounding	
	kWh						
	Billing Units	Percent Allocated	Allocated Dollars \$				
Res./Interdept. (G1):	5,047,570		\$280,812				
Commercial (G2):	2.328.686		\$129,552				
Large Power (G3):	2,564,436		\$142,668				
Industrial (G4):	2,238,759		\$124,549				
Total:	12,179,451	100.00000%	\$677,581	<- Verification Total	 Variations Due T 	o Rounding	
Verification Total ->	12,179,451		========				
DEMAND COST ALLOCATION							
Total Demand Cost (from Powe	r Bills page):	\$455,995		<- Verification Total	 Variations Due T 	o Rounding	
			========				
	kW/KVA	Demonst Allerente d					
	Billing Units		Allocated Dollars \$				
Res./Interdept. (G1):	7,863		\$157,166				
Commercial (G2):	5,627						
Large Power (G3):	5,149		\$102,922				
Industrial (G4):	4,175	18.30052%	\$83,449				
Total:	22,814	100.00000%	\$455,995	<- Verification Total	- Variations Due T	o Rounding	
Verification Total ->	22,814		========				
APPLIED GENERATION	& DEMAND COST	IS TO MONTHLY	BILLING RATES				
MONTHLY K	WH & DEMAND I	RATE CALCULAT	ION				
<u>MAY, 2014</u>	Allocated	Billing	PWR.RATES				
JV's Purchased Cost kWH to	<u>Costs</u>	<u>Units</u>	<u>CHARGED</u>				
JV2 Joint Venture Rate (JV2 E			\$0.04804				
JV5 Joint Venture Rate (JV5 E			\$0.04804				
			ψ0.04004				
Generation Charge:							
Res./Interdept. (G1):	\$437,978		\$0.08677				
Commercial (G2):	\$242,010		\$0.10393				
Large Power (G3):	\$142,668	2,564,436	\$0.05563				
Industrial (G4):	\$124,549	2,238,759	\$0.05563				
Demand Charge:		<u>12,179,451</u>					
Large Power (D1):	\$102,922		\$14.36				
Industrial (D2):	\$83,449		\$15.02				
			ψ.0.0L				
Total Billing & Unit Check:							
Verification of Billings & Units:			<u>Net Costs/kWh</u>				
Net Average City Cost of F			\$0.08373				
Net Average Customer Cos	t of Billing per kWH fo	or Prior Billing Month:	\$0.09329				



AMERICAN MUNICIPAL	POWER, INC.
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1111 Schrock Rd, Suite 100 COLUMBUS, OHIO 43229 PHONE: (614) 540-1111 FAX: (614) 540-1078

INVOICE NUMBER:	181467
INVOICE DATE:	4/15/2014
DUE DATE:	4/30/2014
TOTAL AMOUNT DUE:	\$949,692.29
CUSTOMER NUMBER:	5020
CUSTOMER P.O. #:	RG10046

Do Not Pay

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 - March, 201	4	Paid by E-Pay American Municipal Pwr, Inc. Ray Merrill
MUNICIPAL PEAK: TOTAL METERED ENERGY:	22,912 kW 13,754,999 kWh	614-540-1111 ext. 0914
Total Power Charges:		\$699,332.13
Total Transmission Charges:		\$118,907.85
Total Other Charges:		\$11,452.31
Total Miscellaneous Charges:		\$120,000.00

GRAND TOTAL POWER INVOICE: \$949,692.29

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

DETAIL INFORMATION OF POWER CHARGES March , 2014 Napoleon

FOR THE MONTH OF:	March, 2014		Total Metered Load kWh: Transmission Losses kWh: Distribution Losses kWh:	13,754,999 -153,755 0	
			Total Energy Req. kWh:	13,601,244	
TIME OF FENTS PEAK: TIME OF MUNICIPAL PEAK: TRANSMISSION PEAK:	03/03/2014 @ H.E. 20:00 03/04/2014 @ H.E. 09:00 July, 2013		COINCIDENT PEAK kW: MUNICIPAL PEAK kW: TRANSMISSION PEAK kW: PJM Capacity Requirement kW:	22,302 22,912 31,687 32,514	
Napoleon Resources					
AMP CT - Sched @ ATSI	• • • • • • • • • • • • • • • • • • • •			•	
Demand Charge: Transmission Credit:	\$2.218560 \$1.105176	/ kW * / kW *	12,400 kW = -12,400 kW =	\$27,510.15 -\$13.704.18	
Capacity Credit:	\$0.617856	/ kW *	-12,400 kW =	-\$7,661.41	
Subtotal	#N/A	/ kWh *	0 kWh =	\$6,144.56	
Fremont - sched @ Fremont					
Demand Charge:	\$3.564023	/ kW *	8,767 kW =	\$31,245.79	
Energy Charge:	\$0.038023	/ kWh *	4,074,561 kWh =	\$154,926.33	
Net Congestion, Losses, FTR: Capacity Credit:	-\$0.004344 \$0.833026	/ kWh * / kW *	-8.767 kW =	-\$17,700.15 -\$7,303.14	
Debt Service	\$0.833026 \$5.040978	/ kW	-8,767 kW = 8,767 kW	-\$7,303.14 \$44,194.25	
Adjustment for prior month:	\$6.010010	,	0,101 101	-\$107.60	
Subtotal	\$0.050375	/ kWh *	4,074,561 kWh =	\$205,255.48	
First Energy Remaining Requirement - sched @ A					
Energy Charge: Subtotal	\$0.034950 \$0.034950	/ kWh * / kWh *	2,056,198 kWh =	\$71,864.12	
JV6 - Sched @ ATSI	\$0.034950	/ KVVN "	2,056,198 kWh =	\$71,864.12	
Demand Charge:			300 kW		
Energy Charge:			66,749 kWh		
Transmission Credit:	\$0.109300	/ kW *	-300 kW =	-\$32.79	
Capacity Credit:	\$0.055067	/ kW *	-300 kW =	-\$16.52	
Subtotal Prairie State - Sched @ PJMC	-\$0.000739	/ kWh *	66,749 kWh =	-\$49.31	
Demand Charge:	\$8.918764	/ kW *	4.976 kW =	\$44,379.77	
Energy Charge:	\$0.005821	/ kWh *	2,770,300 kWh =	\$16,126.19	
Net Congestion, Losses, FTR:	\$0.019496	/ kWh *	, -,	\$54,009.81	
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	\$0.015366	/ kWh	2,770,300 kWh	\$42,568.61	
Board Approved Rate Levelization Subtotal	\$0.091897	/ kWh *	2,770,300 kWh =	-\$17,272.43 \$254,583.06	
NYPA - Sched @ NYIS	\$0.001001	,	2,110,000 ((11) -	4204,000.00	
Demand Charge:	\$6.170806	/ kW *	943 kW =	\$5,819.07	
Energy Charge:	\$0.021806	/ kWh *	579,829 kWh =	\$12,643.53	
Net Congestion, Losses, FTR:	-\$0.014658	/ kWh *		-\$8,499.18	
Capacity Credit: Feb 14 NYPA adjustment invoiced Mar/Apr	\$0.840000	/ kW *	-943 kW =	-\$792.12 \$4,802.23	
Adjustment for prior month:				\$4,002.23 \$194.82	
Subtotal	\$0.024435	/ kWh *	579,829 kWh =	\$14,168.35	
JV5 - 7X24 @ ATSI					
Demand Charge:			3,088 kW		
Energy Charge:	¢4 200247	/ 1.4.6./ *	2,297,472 kWh	-\$4,321.09	
Transmission Credit: Capacity Credit:	\$1.399317 \$0.840000	/ kW * / kW *	-3,088 kW = -3,088 kW =	-\$4,321.09 -\$2,593.92	
Subtotal	-\$0.003010	/ kWh *	2,297,472 kWh =	-\$6,915.01	
JV5 Losses - Sched @ ATSI		-	, - ,		
Energy Charge:			33,261 kWh		
Subtotal	#N/A	/ kWh *	33,261 kWh =	\$0.00	
JV2 - Sched @ ATSI Demand Charge:			264 kW		
Energy Charge:	\$0.039807	/ kWh *	31 kWh =	\$1.25	
Transmission Credit:	\$0.978598	/ kW *	-264 kW =	-\$258.35	
Capacity Credit:	\$0.737273	/ kW *	-264 kW =	-\$194.64	
Real Time Market Revenue from JV2 Operatio		/ = >=//		-\$37.13	
Subtotal AMP Solar Phase I - sched @ ATSI	-\$15.568265	/ kWh *	31 kWh =	-\$488.87	
Demand Charge:			1,040 kW		
Energy Charge:	\$0.085000	/ kWh *	100,634 kWh =	\$8,553.90	
Transmission Credit:			·	-\$126.33	
Subtotal	\$0.083745	/ kWh *	100,634 kWh =	\$8,427.57	
AMPGS Replacement 2014 5x16 - 5x16 @ AD Demand Charge:	\$0.000170		5,000 kW	\	

DETAIL INFORMATION OF POWER CHARGES March , 2014 Napoleon

Energy Charge:	\$0.070430	/ kWh *	1,680,000 kWh =	\$118,322.40
Net Congestion, Losses, FTR:	\$0.008960	/ kWh *		\$15,052.2 ²
Subtotal	\$0.079390	/ kWh *	1,680,000 kWh =	\$133,374.6
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:	\$0.007079	/ kWh *		\$5,266.76
Subtotal	\$0.067759	/ kWh *	744,000 kWh =	\$50,412.68
Efficiency Smart Power Plant 2014-2017				
ESPP 2014-2017 obligation @ \$1.400 /MWh x 156,294				\$18,234.3 [,]
Subtotal	#N/A	/ kWh *	0 kWh =	\$18,234.37
Northern Power Pool:				
On Peak Energy Charge: (M-F HE 08-23 EDT)	\$0.105723	/ kWh *	127,491 kWh =	\$13,478.73
Off Peak Energy Charge:	\$0.037244	/ kWh *	681,110 kWh =	\$25,367.6 ⁴
Sale of Excess Non-Pool Resources to Pool	\$0.058697	/ kWh *	-1,610,393 kWh =	-\$94,525.76
Subtotal	\$0.069444	/ kWh *	-801,792 kWh =	-\$55,679.42
Total Demand Charges:				\$235,717.8
Total Energy Charges:				\$463,614.2
Total Power Charges:			13,601,244 kWh	\$699,332.13
TRANSMISSION CHARGES:				
Demand Charge:	\$1.399317	/ kW *	31,687 kW =	\$44,340.17
Energy Charge:	\$0.003741	/ kWh *	11,303,772 kWh =	\$42.284.93
RPM (Capacity) Charges:	\$0.992900	/ kW *	32,514 kW =	\$32,282.75
TOTAL TRANSMISSION CHARGES:	\$0.010519	/ kWh *	11,303,772 kWh =	\$118,907.8
Dispatch Center Charges:	\$0.000036	/ kWh *	13,754,999 kWh =	\$491.80
Service Fee Part A,	φ0.000000	,	10,101,000 km1 =	φ101.00
Based on Annual Municipal Sales	\$0.000229	/ kWh *	156,294,126 kWh 1/12 =	\$2,982.6 ²
Service Fee Part B.	\$01000 <u>2</u> 20	,	100,20 1,120 1.001 1,12	\$2,002.0
Energy Purchases	\$0.000580	/kWh *	13,754,999 kWh =	\$7,977.90
TOTAL OTHER CHARGES:				\$11,452.3 ⁻
MISCELLANEOUS CHARGES				
MISCELLANEOUS CHARGES: Deposit / (Withdraw) from RSF account				\$120,000.00

GRAND TOTAL POWER INVOICE:

\$949,692.29

APPENDIX A -Loan Schedule

CITY OF NAPOLEON RATE LEVELIZATION FUND LOAN SCHEDULE

Estimated Annual Interest Rate:

0.00%

	<u>P</u>	avment from AMP to	М	onthly Interest		
<u>Month (1)</u>	м	unicipality (2)		Credit	Accu	mulated Loan <u>Balance</u>
Jan-14	\$	(190,000.00)	S		\$	(190,000.00)
Feb-14	S	(120,000.00)	\$	-	\$	(310,000.00)
Mar-14	S	(120,000.00)	S	<u> </u>	S	(430,000.00)
Apr-14	S	(90,000.00)	S	· _	\$	(520,000.00)
May-14	\$	(120,000.00)	\$	-	\$	(640,000.00)
Jun-14	S	(120,000.00)	S	-	\$	(760,000.00)
Jul-14	\$	(180,000.00)	\$	-	\$	(940,000.00)
Aug-14	\$	(150,000.00)	\$	-	S	(1,090,000.00)
Sep-14	\$	(100,000.00)	\$	-	\$	(1,190,000.00)
Oct-14	S	(100,000.00)	\$	-	\$	(1,290,000.00)
Nov-14	\$	(100,000.00)	\$		S	(1,390,000.00)
Dec-14	\$	(130,000.00)	\$	<u>.</u>	\$	(1,520,000.00)
Jan-15	5	(40,000.00)	\$		\$	(1,560,000.00)
Feb-15	S	(10,000.00)	\$		\$	(1,570,000.00)
Mar-15	S	(30,000.00)	S	- 1	\$	(1,600,000.00)
Apr-15	S	50,000.00	5	-	\$	(1,550,000.00)
May-15	S	20,000.00	S		\$	(1,530,000.00)
Jun-15	S	100,000.00	S		S	(1,430,000.00)
Jul-15	S	70,000.00	3	- 2	\$	(1,360,000.00)
Aug-15	S	70,000.00	5	-	\$	(1,290,000.00)
Sep-15	S	150,000.00	5	-	\$	(1,140,000.00)
Oct-15	S	150,000.00	5		\$	(990,000.00)
Nov-15	\$	150,000.00	5	-	\$	(840,000.00)
Dec-15	S	70,000.00	S	-	S	(770,000.00)
Jan-16	S	70,000.00	S	- 3	S	(700,000.00)
Feb-16	5	110,000.00	\$	-	\$	(590,000.00)
Mar-16	\$	110,000.00	S	-2	S	(480,000.00)
Apr-16	5	140,000.00	S	=	\$	(340,000.00)
May-16	5	140,000.00	\$	=2	S	(200,000.00)
Jun-16	S	20,000.00	S		S	(180,000.00)
Jul-16	S	20,000.00	\$	-	5	(160,000.00)
Aug-16	S	20,000.00	S	-	\$	(140,000.00)
Sep-16	S	60,000.00	S	1 <u>1</u> 1	\$	(\$0,000.00)
Oct-16	\$	60,000.00	\$		5	(20,000.00)
Nov-16	S	20,000.00	S	-	\$	=
Dec-16	S	-	S	-	S	

(1) Month means month of power delivery.

(2) Negative means payment from Municipality to AMP

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

Napoleon	Capacity Plan - Actual										
Mar 201	4 ACTU	JAL DEMAND =	22.912	MW							
Days 31		UAL ENERGY =	-	мwн							
				1	DEMAND	ENERGY				EFFECTIVE	%
		DEMAND	ENERGY	LOAD	RATE	RATE	DEMAND	ENERGY	TOTAL	RATE	OF
	SOURCE	MW	MWH	FACTOR	\$/KW	\$/MWH	CHARGE	CHARGE	CHARGES	\$/MWH	DOLLARS
	(1)	(2)	(4)	(5)	(6)	(7)	(9)	(10)	(11)	(12)	(13)
1	NPP Pool Purchases	0.00	809	0%	\$0.00	\$48.04	\$0	\$38,846	\$38,846	\$48.04	4.1%
2	NPP Pool Sales	0.00	-1,610	0%	\$0.00	\$58.70	\$0	-\$94,526	-\$94,526	\$58.70	-9.9%
3	AFEC	8.77	4,075	62%	\$7.76	\$33.68	\$68,029	\$137,226	\$205,255	\$50.37	21.5%
4	Prairie State	4.98	2,770	75%	\$37.07	\$25.32	\$184,447	\$70,136	\$254,583	\$91.90	26.6%
5	NYPA - Ohio	0.94	580	83%	\$5.33	\$15.77	\$5,027	\$9,141	\$14,168	\$24.44	1.5%
6	JV5	3.09	2,297	100%	\$23.53	\$19.25	\$72,676	\$44,224	\$116,900	\$50.88	12.2%
7	JV5 Losses	0.00	33	0%	\$0.00	\$0.00	\$0	\$0	\$0	\$0.00	0.0%
8	JV6	0.30	67	30%	\$16.06	\$0.00	\$4,817	\$0	\$4,817	\$72.16	0.5%
9	AMP Solar Phase I	1.04	101	13%	-\$0.12	\$85.00	-\$126	\$8,554	\$8,428	\$83.74	0.9%
10	AMPGS Replace 7x24	1.00	744	100%	\$0.00	\$67.76	\$0	\$50,413	\$50,413	\$67.76	5.3%
11	AMPGS Replace 5x16	5,00	1,680	45%	\$0.00	\$79.39	\$0	\$133,375	\$133,375	\$79.39	14.0%
12	FE Requirements 2014-2017	0.00	2,056	0%	\$0.00	\$34.95	\$0	\$71,864	\$71,864	\$34.95	7.5%
13	AMPCT	12.40	0	0%	\$0.50	\$0.00	\$6,145	\$0	\$6,145	\$0.00	0.6%
14	JV2	0.26	0	0%	-\$0.03	######################################	-\$8	-\$36	-\$44	-\$1,415.79	0.0%
	POWER TOTAL	37.78	13,601	48%			\$341,006	\$469,217	\$810,224	\$59.57	84.8%
15	Energy Efficiency		0		\$0.00	\$0.00	\$0	\$18,234	\$18,234	\$0.00	1.9%
16	Installed Capacity	32.51			\$0.99		\$32,283	\$0	\$32,283	\$2.35	3.4%
17	TRANSMISSION	31.69	11,304		\$1.40	\$3.74	\$44,340	\$42,285	\$86,625	\$6.30	9.1%
18	Distribution Charge	22.91			\$0.00	\$0.00	\$0	\$0	\$0	\$0.00	0.0%
19	Service Fee B		13,755			\$0.58		\$7,978	\$7,978	\$0.58	0.8%
20	Dispatch Charge		13,755	0	_	\$0.04		\$492	\$492	\$0.04	0.1%
	OTHER TOTAL		10.001	r	_		\$76,623	\$68,989	\$145,612	\$10.59	15.2%
GRAND TOTAL PURCHASE	J	00.010	13,601	049/			\$417,629	\$538,206	\$955,835	FC0 40	400.0%
Delivered to members		22.912	13,755	81%			\$417,629	\$538,206	\$955,835	\$69.49	100.0%
		DEMAND	ENERGY	L.F.					TOTAL \$	\$/MWh	Avg Temp
	2014 Forecast	23.81	13,826	78%					\$864,290	\$62.51	37.6
	2013 Actual	23.59	13,879	79% 78%					\$934,865 \$990,441	\$67.36 \$75.49	33.4 50.9
	2012 Actual	22.59	13,121	/ 0%					Actual Temp		28.6
									Actual Temp		20.0

NAPOLEON																
		Sunday	Monday	Tuesday		Thursday	Friday	Saturday	Sunday		Tuesday		Thursday	Friday	Saturday	
Date Hour	3/1/2014	3/2/2014	3/3/2014	3/4/2014	3/5/2014	3/6/2014	3/7/2014	3/8/2014	3/9/2014	3/10/2014	3/11/2014	3/12/2014	3/13/2014	3/14/2014	3/15/2014	
100	17,339	15,949	18,499	19,788	19.085	19,293	18,627	14,989	14,881	16,804	16.882	16,863	15,650	18,123	15.491	
200	16,849	15,679	18,153	19,392	18,568	18,853	18,452	14,989	14,681	16,547	16,588	16,851	15,610	17,986	15,209	
300	16.632	15,358	18,383	19,219	18,353	18,660	18,628	14,626	14,424	16,445	16,471	16,735	15,585	17,826	15,136	
400	16,601	15,262	18,449	19,129	18,225	18,615	18,660	14,564	14,699	16,810	16,744	17,002	16,200	17,981	15,376	
500	16,686	15,360	19,025	19,537	18,499	19,006	18,983	14,547	14,914	17,613	17,592	17,935	17,983	18,725	15,784	
600	16,951	15,714	20,139	20,400	19,541	19,883	19,980	14,818	15,392	19,270	19,083	19,267	19,397	20,136	16,305	
700	17,487	16,281	21,755	21,823	20,841	21,576	21,553	15,282	16,320	21,243	20,723	20,761	21,137	21,740	17,139	
800	17,861	16,768	22,793	22,764	21,758	22,501	22,135	15,835	16,212	21,088	20,514	20,981	22,072	21,657	17,434	
900	18,442	17,306	22,822	22,912	22,128	22,801	22,033	16,816	16,287	20,929	20,453	21,354	22,010	21,634	17,740	
1000	19,133	17,560	22,639	22,858	22,203	22,363	21,550	17,466	16,158	20,984	20,322	21,711	21,926	21,244	17,819	
1100	19,225	17,730	22,834	22,562	22,283	22,111	21,622	17,752	16,024	20,898	19,988	21,937	21,501	21,030	17,497	
1200	18,701	17,641	22,468	22,192	21,748	21,519	21,166	17,447	16,056	20,636	19,867	21,500	21,444	20,460	17,035	
1300	18,256	17,597	22,295	22,118	21,541	21,032	20,552	16,996	15,866	20,145	19,635	19,865	21,358	20,103	16,241	
1400 1500	17,778	17,369	22,066	21,937	21,359	20,830	20,081	16,817	15,497	19,731	19,305	18,342	21,287	19,724	15,865	
1600	17,107 16,557	17,193 17,364	21,203 20,597	21,503 20,869	20,719 20,268	19,958 19,649	19,258 18,396	16,825 16,344	15,589 15,585	18,860 18,552	18,800 18,593	17,440	20,609	18,759	15,745	
1700	16,525	17,364	20,356	20,869	20,268	19,649	18,396	16,344	15,585	18,552	18,593	16,820 17,092	20,308 19,818	18,291 17,703	15,775 15,677	
1800	16,944	18,099	20,336	20,915	20,417	19,763	17,759	16,197	16,472	18,103	18,236	17,092	20,030	17,703	15,387	
1900	17,935	19,302	20,078	20,505	21,202	20,617	18,427	17,114	17,341	19,037	19,203	17,158	20,030	18,213	16,020	
2000	18,402	20,116	22,302	22,318	21,930	21,547	19,233	17,722	18,231	20,041	19,763	18,665	21,683	19,131	17,172	
2100	18,345	19,732	22,091	21,829	21,849	21,576	19,156	17,509	17,913	19,653	19,337	17,997	21,000	19,018	16,928	
2200	17,821	19,497	21,445	21,230	21,375	20,927	18,784	17,025	17,563	18,463	18,396	16,911	19,910	18,017	16,302	
2300	17,189	18,911	20,580	20,363	19,974	19,911	17,491	16,073	17,384	17,625	17,674	16,408	18,981	16,566	15,574	
2400	16,586	18,458	19,927	19,465	19,472	19,133	16,237	15,406	17,145	17,366	17,368	15,912	18,518	15,899	14,944	
Total	421,352	417,667	501,990	507,604	474,426	491,944	466,889	389,401	386,391	455,147	449,898	442,937	, 474,657	457,944	389,595	
\$	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday
Date	Sunday 3/16/2014	Monday 3/17/2014	Tuesday 3/18/2014		Thursday 3/20/2014	Friday 3/21/2014	Saturday 3/22/2014	Sunday 3/23/2014	Monday 3/24/2014	Tuesday 3/25/2014	Wednesday 3/26/2014	Thursday 3/27/2014	Friday 3/28/2014	Saturday 3/29/2014	Sunday / 3/30/2014	Monday 3/31/2014
Date Hour	3/16/2014	3/17/2014	3/18/2014	3/19/2014	3/20/2014	3/21/2014	3/22/2014	3/23/2014	3/24/2014	3/25/2014	3/26/2014	3/27/2014	3/28/2014	3/29/2014	3/30/2014	3/31/2014
Date Hour 100	3/16/2014 14,689	3/17/2014	3/18/2014 17,879	3/19/2014	3/20/2014 16,537	3/21/2014 16,947	3/22/2014 14,430	3/23/2014 14,403	3/24/2014 17,102	3/25/2014 18,146	3/26/2014 18,380	3/27/2014 16,834	3/28/2014 16,316	3/29/2014	3/30/2014 14,169	3/31/2014 15,405
Date Hour	3/16/2014	3/17/2014	3/18/2014 17,879 17,916	3/19/2014	3/20/2014	3/21/2014 16,947 16,688	3/22/2014 14,430 14,392	3/23/2014 14,403 14,258	3/24/2014 17,102 16,955	3/25/2014 18,146 17,985	3/26/2014 18,380 18,137	3/27/2014 16,834 16,963	3/28/2014 16,316 16,181	3/29/2014 14,274 13,839	3/30/2014 14,169 13,980	3/31/2014 15,405 15,338
Date Hour 100 200	3/16/2014 14,689 14,495 14,563	3/17/2014 17,768 17,851	3/18/2014 17,879	3/19/2014 16,823 16,757	3/20/2014 16,537 16,632	3/21/2014 16,947	3/22/2014 14,430	3/23/2014 14,403	3/24/2014 17,102 16,955 16,866	3/25/2014 18,146	3/26/2014 18,380 18,137 18,173	3/27/2014 16,834 16,963 16,859	3/28/2014 16,316 16,181 16,085	3/29/2014 14,274 13,839 13,804	3/30/2014 14,169 13,980 13,812	3/31/2014 15,405 15,338 15,315
Date Hour 100 200 300	3/16/2014 14,689 14,495	3/17/2014 17,768 17,851 17,756	3/18/2014 17,879 17,916 18,018	3/19/2014 16,823 16,757 16,360	3/20/2014 16,537 16,632 16,681	3/21/2014 16,947 16,688 16,530	3/22/2014 14,430 14,392 14,332	3/23/2014 14,403 14,258 14,186	3/24/2014 17,102 16,955	3/25/2014 18,146 17,985 17,833	3/26/2014 18,380 18,137	3/27/2014 16,834 16,963	3/28/2014 16,316 16,181	3/29/2014 14,274 13,839	3/30/2014 14,169 13,980	3/31/2014 15,405 15,338
Date Hour 200 300 400 500 600	3/16/2014 14,689 14,495 14,563 14,815	3/17/2014 17,768 17,851 17,756 18,231	3/18/2014 17,879 17,916 18,018 18,285	3/19/2014 16,823 16,757 16,360 16,636	3/20/2014 16,537 16,632 16,681 17,098	3/21/2014 16,947 16,688 16,530 16,841	3/22/2014 14,430 14,392 14,332 14,408	3/23/2014 14,403 14,258 14,186 14,606	3/24/2014 17,102 16,955 16,866 17,560	3/25/2014 18,146 17,985 17,833 18,137	3/26/2014 18,380 18,137 18,173 18,402	3/27/2014 16,834 16,963 16,859 17,302	3/28/2014 16,316 16,181 16,085 16,064	3/29/2014 14,274 13,839 13,804 13,891	3/30/2014 14,169 13,980 13,812 13,879	3/31/2014 15,405 15,338 15,315 15,836
Date Hour 200 300 400 500 600 700	3/16/2014 14,689 14,495 14,563 14,815 15,236 15,954 16,777	3/17/2014 17,768 17,851 17,756 18,231 19,231 21,017 22,693	3/18/2014 17,879 17,916 18,018 18,285 19,133 20,749 22,227	3/19/2014 16,823 16,757 16,360 16,636 17,445 19,096 21,221	3/20/2014 16,537 16,632 16,681 17,098 17,983 19,721 21,491	3/21/2014 16,947 16,688 16,530 16,841 17,668 19,667 21,376	3/22/2014 14,430 14,392 14,332 14,408 14,841	3/23/2014 14,403 14,258 14,186 14,606 14,935	3/24/2014 17,102 16,955 16,866 17,560 18,567	3/25/2014 18,146 17,985 17,833 18,137 18,990	3/26/2014 18,380 18,137 18,173 18,402 19,137	3/27/2014 16,834 16,963 16,859 17,302 17,997	3/28/2014 16,316 16,181 16,085 16,064 16,739	3/29/2014 14,274 13,839 13,804 13,891 14,231	3/30/2014 14,169 13,980 13,812 13,879 14,239	3/31/2014 15,405 15,338 15,315 15,836 16,946
Date Hour 100 200 300 400 500 600 700 800	3/16/2014 14,689 14,495 14,563 14,815 15,236 15,954 16,777 16,959	3/17/2014 17,768 17,851 17,756 18,231 19,231 21,017 22,693 22,539	3/18/2014 17,879 17,916 18,018 18,285 19,133 20,749 22,227 21,925	3/19/2014 16,823 16,757 16,360 16,636 17,445 19,096 21,221 21,338	3/20/2014 16,537 16,632 16,681 17,983 19,721 21,491 21,381	3/21/2014 16,947 16,688 16,530 16,841 17,668 19,667 21,376 21,376 21,020	3/22/2014 14,430 14,392 14,32 14,408 14,841 15,288 16,417 16,833	3/23/2014 14,403 14,258 14,186 14,606 14,935 15,636 16,329 16,306	3/24/2014 17,102 16,955 16,866 17,560 18,567 20,406 22,308 22,241	3/25/2014 18,146 17,985 17,833 18,137 18,990 20,676 22,473 22,387	3/26/2014 18,380 18,137 18,173 18,402 19,137 20,907 22,194 22,047	3/27/2014 16,834 16,963 16,859 17,302 17,997 19,838 21,315 20,788	3/28/2014 16,316 16,181 16,085 16,064 16,739 18,125 19,782 19,782	3/29/2014 14,274 13,839 13,804 13,891 14,231 14,662 15,795 16,477	3/30/2014 14,169 13,980 13,812 13,879 14,239 14,746 15,306 15,409	3/31/2014 15,405 15,338 15,315 15,836 16,946 18,598 20,150 20,070
Date Hour 200 300 400 500 600 700 800 900	3/16/2014 14,689 14,495 14,563 14,815 15,236 15,954 16,777 16,959 17,495	3/17/2014 17,768 17,851 17,756 18,231 19,231 21,017 22,693 22,539 22,791	3/18/2014 17,879 17,916 18,018 18,285 19,133 20,749 22,227 21,925 21,955	3/19/2014 16,823 16,757 16,360 16,636 17,445 19,096 21,221 21,338 20,925	3/20/2014 16,537 16,632 16,681 17,983 19,721 21,491 21,381 21,283	3/21/2014 16,947 16,688 16,530 16,841 17,668 19,667 21,376 21,376 21,020 20,874	3/22/2014 14,430 14,392 14,332 14,408 14,841 15,288 16,417 16,833 17,256	3/23/2014 14,403 14,258 14,186 14,606 14,935 15,636 16,329 16,306 16,390	3/24/2014 17,102 16,955 16,866 17,560 18,567 20,406 22,308 22,241 22,086	3/25/2014 18,146 17,985 17,833 18,137 18,990 20,676 22,473 22,387 22,523	3/26/2014 18,380 18,137 18,173 18,402 19,137 20,907 22,194 22,047 21,794	3/27/2014 16,834 16,963 16,859 17,302 17,997 19,838 21,315 20,788 20,646	3/28/2014 16,316 16,181 16,085 16,064 16,739 18,125 19,782 19,782 19,782	3/29/2014 14,274 13,839 13,804 13,891 14,231 14,662 15,795 16,477 17,326	3/30/2014 14,169 13,980 13,812 13,879 14,239 14,746 15,306 15,409 15,788	3/31/2014 15,405 15,338 15,315 15,836 16,946 18,598 20,150 20,070 19,799
Date Hour 200 300 400 500 600 700 800 900 1000	3/16/2014 14,689 14,495 14,563 14,815 15,236 15,954 16,959 17,495 17,590	3/17/2014 17,768 17,851 17,756 18,231 19,231 21,017 22,693 22,539 22,791 22,812	3/18/2014 17,879 17,916 18,018 18,285 19,133 20,749 22,227 21,925 21,557 21,410	3/19/2014 16,823 16,757 16,360 16,636 17,445 19,096 21,221 21,338 20,925 21,170	3/20/2014 16,537 16,632 16,681 17,983 19,721 21,491 21,381 21,283 21,317	3/21/2014 16,947 16,688 16,530 16,841 17,668 19,667 21,376 21,020 20,874 21,063	3/22/2014 14,430 14,392 14,332 14,408 14,841 15,288 16,417 16,833 17,256 17,731	3/23/2014 14,403 14,258 14,186 14,606 14,935 15,636 16,329 16,306 16,590 16,686	3/24/2014 17,102 16,955 16,866 17,560 18,567 20,406 22,308 22,241 22,086 22,049	3/25/2014 18,146 17,985 17,833 18,137 18,990 20,676 22,473 22,387 22,523 22,735	3/26/2014 18,380 18,137 18,173 18,402 19,137 20,907 22,194 22,047 21,794 21,647	3/27/2014 16,834 16,963 16,859 17,302 17,997 19,838 21,315 20,788 20,646 21,261	3/28/2014 16,316 16,181 16,085 16,064 16,739 18,125 19,782 19,782 19,782 19,786 19,941	3/29/2014 14,274 13,839 13,804 13,891 14,231 14,662 15,795 16,477 17,326 17,896	3/30/2014 14,169 13,980 13,812 13,879 14,239 14,746 15,306 15,409 15,788 15,674	3/31/2014 15,405 15,338 15,315 15,836 16,946 18,598 20,150 20,070 19,799 19,718
Date Hour 200 300 400 500 600 700 800 900 1000 1100	3/16/2014 14,689 14,495 14,563 14,815 15,236 15,954 16,777 16,959 17,495 17,590 17,590 17,641	3/17/2014 17,768 17,851 17,756 18,231 19,231 21,017 22,693 22,539 22,791 22,812 22,475	3/19/2014 17,879 17,916 18,018 18,285 19,133 20,749 22,227 21,925 21,557 21,410 20,851	3/19/2014 16,823 16,757 16,360 16,636 17,445 19,096 21,221 21,338 20,925 21,170 21,037	3/20/2014 16,537 16,632 16,681 17,988 17,988 19,721 21,491 21,381 21,283 21,317 21,152	3/21/2014 16,947 16,688 16,530 16,841 17,668 19,667 21,376 21,020 20,874 21,063 21,063 21,036	3/22/2014 14,430 14,392 14,332 14,408 14,841 15,288 16,417 16,833 17,256 17,731 17,655	3/23/2014 14,403 14,258 14,186 14,606 14,935 15,636 16,329 16,306 16,590 16,686 16,712	3/24/2014 17,102 16,955 16,866 17,560 18,567 20,406 22,308 22,241 22,088 22,049 21,718	3/25/2014 18,146 17,985 17,833 18,137 18,990 20,676 22,473 22,387 22,523 22,735 22,735 22,409	3/26/2014 18,380 18,137 18,173 18,402 19,137 20,907 22,194 22,047 21,794 21,647 21,647 21,405	3/27/2014 16,834 16,963 16,859 17,302 17,907 19,838 21,315 20,788 20,646 21,261 21,226	3/28/2014 16,316 16,181 16,085 16,064 16,739 18,125 19,782 19,782 19,782 19,782 19,941 19,941	3/29/2014 14,274 13,839 13,804 13,891 14,231 14,652 15,795 16,477 17,326 17,786 18,018	3/30/2014 14,169 13,980 13,812 13,879 14,239 14,746 15,306 15,409 15,788 15,674 15,685	3/31/2014 15,405 15,338 15,315 15,836 16,946 18,598 20,150 20,070 19,799 19,718 19,192
Date Hour 200 300 400 500 600 700 800 900 1000 1100 1200	3/16/2014 14,689 14,495 14,563 14,815 15,236 15,954 16,959 17,495 17,590 17,641 17,610	3/17/2014 17,768 17,851 17,756 18,231 19,231 21,017 22,693 22,539 22,791 22,812 22,475 22,147	3/19/2014 17,879 17,916 18,018 18,285 19,133 20,749 22,227 21,925 21,557 21,410 20,851 20,594	3/19/2014 16,823 16,757 16,360 16,636 17,445 19,096 21,221 21,338 20,925 21,170 21,037 20,889	3/20/2014 16,537 16,632 16,681 17,098 17,983 19,721 21,491 21,381 21,381 21,317 21,152 20,825	3/21/2014 16,947 16,688 16,530 16,841 17,668 19,667 21,376 21,020 20,874 21,020 20,874 21,036 20,441	3/22/2014 14,430 14,392 14,332 14,408 14,841 15,288 16,417 16,833 17,256 17,731 17,655 17,283	3/23/2014 14,403 14,258 14,186 14,606 14,935 15,636 16,329 16,306 16,590 16,686 16,712 16,855	3/24/2014 17,102 16,955 16,866 17,560 18,567 20,406 22,308 22,241 22,049 21,718 21,617	3/25/2014 18,146 17,985 17,833 18,137 18,990 20,676 22,473 22,387 22,523 22,735 22,409 21,888	3/26/2014 18,380 18,137 18,173 18,402 19,137 20,907 22,194 22,047 21,794 21,647 21,405 20,917	3/27/2014 16,834 16,963 16,859 17,302 17,997 19,838 21,315 20,788 20,646 21,261 21,226 20,936	3/28/2014 16,316 16,181 16,085 16,064 16,739 18,125 19,782 19,782 19,941 19,910 19,758	3/29/2014 14,274 13,839 13,804 13,891 14,231 14,652 15,795 16,477 17,326 17,896 18,018 17,612	3/30/2014 14,169 13,980 13,812 13,879 14,239 14,746 15,306 15,409 15,788 15,674 15,685 15,477	3/31/2014 15,405 15,338 15,315 15,836 16,946 18,598 20,150 20,070 19,799 19,718 19,192 18,573
Date Hour 200 300 400 500 600 700 800 900 1000 1100 1200 1300	3/16/2014 14,689 14,495 14,563 14,815 15,236 15,954 16,959 17,495 17,590 17,641 17,610 17,165	3/17/2014 17,768 17,851 17,756 18,231 19,231 21,017 22,693 22,791 22,812 22,475 22,147 21,636	3/19/2014 17,879 17,916 18,018 18,285 19,133 20,749 22,227 21,925 21,557 21,410 20,851 20,594 20,513	3/19/2014 16,823 16,757 16,360 16,636 17,445 19,096 21,221 21,338 20,925 21,170 21,037 20,889 20,951	3/20/2014 16,537 16,632 16,681 17,098 17,983 19,721 21,491 21,381 21,283 21,317 21,152 20,826 20,449	3/21/2014 16,947 16,688 16,530 16,841 17,668 19,667 21,376 21,376 20,874 21,063 20,874 21,063 21,036 20,874 21,063	3/22/2014 14,430 14,392 14,332 14,408 14,841 15,288 16,417 16,833 17,256 17,731 17,655 17,283 17,085	3/23/2014 14,403 14,258 14,186 14,606 14,935 15,636 16,329 16,306 16,590 16,686 16,712 16,855 16,780	3/24/2014 17,102 16,955 16,866 17,560 18,567 20,406 22,308 22,241 22,086 22,049 21,718 21,617 21,329	3/25/2014 18,146 17,985 17,833 18,137 18,990 20,676 22,473 22,582 22,735 22,523 22,735 22,409 21,888 21,632	3/26/2014 18,380 18,137 18,173 18,402 19,137 20,907 22,194 22,047 21,794 21,647 21,647 21,647 21,647 20,917 21,009	3/27/2014 16,834 16,963 16,859 17,302 17,997 19,838 21,315 20,788 20,646 21,281 21,226 20,936 20,627	3/28/2014 16,316 16,181 16,085 16,064 16,739 18,125 19,782 19,782 19,786 19,941 19,910 19,758 19,726	3/29/2014 14,274 13,839 13,804 13,891 14,231 14,662 15,795 16,477 17,326 17,896 18,018 17,612 17,453	3/30/2014 14,169 13,980 13,812 13,879 14,239 14,746 15,306 15,409 15,788 15,674 15,685 15,477 15,091	3/31/2014 15,405 15,338 15,315 15,836 16,946 18,598 20,150 20,070 19,799 19,718 19,192 18,573 18,428
Date Hour 200 300 400 500 600 700 800 900 1000 1100 1200 1200 1300 1400	3/16/2014 14,689 14,495 14,563 15,236 15,954 16,777 16,959 17,590 17,641 17,610 17,165 16,992	3/17/2014 17,768 17,851 17,756 18,231 19,231 21,017 22,693 22,791 22,812 22,475 22,147 21,636 21,165	3/19/2014 17,879 17,916 18,018 18,285 19,133 20,749 22,227 21,925 21,557 21,410 20,851 20,594 20,313 19,875	3/19/2014 16,823 16,757 16,360 16,636 17,445 19,096 21,221 21,338 20,925 21,170 21,037 20,859 20,951 20,335	3/20/2014 16,537 16,632 16,681 17,098 19,721 21,491 21,383 21,317 21,152 20,825 20,449 19,701	3/21/2014 16,947 16,688 16,530 16,841 17,668 19,667 21,376 21,020 20,874 21,063 21,036 20,441 20,039 20,441 20,109 19,386	3/22/2014 14,430 14,392 14,332 14,408 16,417 16,833 17,256 17,731 17,655 17,283 17,085 16,773	3/23/2014 14,403 14,258 14,186 14,606 14,935 15,636 16,329 16,306 16,590 16,686 16,712 16,855 16,780 16,118	3/24/2014 17,102 16,955 16,866 17,560 22,308 22,241 22,086 22,049 21,718 21,617 21,329 20,980	3/25/2014 18,146 17,985 17,833 18,137 18,990 20,676 22,473 22,523 22,735 22,409 21,888 21,632 20,811	3/26/2014 18,380 18,137 18,173 18,402 19,137 20,907 22,194 22,047 21,794 21,647 21,405 20,917 21,009 20,423	3/27/2014 16,834 16,963 16,859 17,302 17,997 19,838 20,646 21,261 21,261 21,262 20,936 20,627 20,521	3/28/2014 16,316 16,181 16,085 16,064 16,739 18,125 19,782 19,782 19,786 19,941 19,910 19,758 19,726 19,726 19,440	3/29/2014 14,274 13,839 13,804 13,891 14,231 14,622 15,795 16,477 17,326 17,326 17,996 18,018 17,612 17,453 16,960	3/30/2014 14,169 13,980 13,812 13,879 14,239 14,746 15,306 15,409 15,788 15,674 15,685 15,477 15,091 14,577	3/31/2014 15,405 15,338 15,315 15,836 16,946 18,598 20,150 20,070 19,799 19,718 19,192 18,573 18,428 18,136
Date Hour 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500	3/16/2014 14,689 14,495 14,563 14,815 15,236 15,954 16,777 16,959 17,695 17,690 17,610 17,610 17,610 17,610 17,610 16,992 16,935	3/17/2014 17,768 17,851 17,756 18,231 19,231 21,017 22,693 22,539 22,791 22,812 22,475 22,147 21,636 21,165 20,140	3/19/2014 17,879 17,916 18,018 18,285 19,133 20,749 22,227 21,925 21,557 21,410 20,851 20,594 20,313 19,875 19,224	3/19/2014 16,823 16,757 16,360 16,636 17,445 19,096 21,221 21,338 20,925 21,170 21,037 20,889 20,951 20,335 20,001	3/20/2014 16,537 16,632 16,681 17,983 19,721 21,491 21,381 21,381 21,317 21,152 20,825 20,449 19,701 19,124	3/21/2014 16,947 16,688 16,530 16,841 17,668 19,667 21,376 21,020 20,874 21,063 20,441 20,109 19,386 18,408	3/22/2014 14,430 14,392 14,332 14,408 16,417 16,833 17,256 17,731 17,655 17,283 17,085 16,773 16,090	3/23/2014 14,403 14,258 14,186 14,606 14,935 15,636 16,329 16,306 16,590 16,686 16,712 16,855 16,780 16,118 16,086	3/24/2014 17,102 16,955 16,866 17,560 18,567 20,406 22,308 22,241 22,088 22,049 21,718 21,617 21,329 20,980 20,365	3/25/2014 18,146 17,985 17,833 18,137 18,990 20,676 22,473 22,387 22,523 22,735 22,409 21,888 21,632 20,811 20,611	3/26/2014 18,380 18,137 18,173 18,402 19,137 20,907 22,194 22,047 21,794 21,647 21,405 20,917 21,009 20,423 19,734	3/27/2014 16,834 16,963 16,859 17,302 17,907 19,838 21,315 20,788 20,646 21,261 21,226 20,936 20,627 20,521 20,162	3/28/2014 16,316 16,181 16,085 16,064 16,739 18,125 19,782 19,782 19,786 19,941 19,910 19,758 19,726 19,440 18,324	3/29/2014 14,274 13,839 13,804 13,891 14,231 14,652 15,795 16,477 17,326 18,018 17,612 17,453 16,960 16,525	3/30/2014 14,169 13,980 13,812 13,879 14,239 14,746 15,306 15,409 15,788 15,674 15,685 15,674 15,685 15,477 15,091	3/31/2014 15,405 15,338 15,315 15,836 16,946 18,598 20,150 20,070 19,799 19,718 19,192 18,573 18,428 18,136 17,534
Date Hour 200 300 400 500 600 700 800 900 1000 1100 1200 1200 1300 1400	3/16/2014 14,689 14,495 14,563 14,815 15,236 15,954 16,959 17,495 17,590 17,641 17,610 17,165 16,935 17,197	3/17/2014 17,768 17,851 17,756 18,231 21,017 22,693 22,539 22,791 22,812 22,475 22,147 21,636 21,165 20,140 19,779	3/19/2014 17,879 17,916 18,018 18,285 19,133 20,749 22,227 21,925 21,557 21,410 20,851 20,594 20,313 19,875 19,224 18,935	3/19/2014 16,823 16,757 16,360 16,636 17,445 19,096 21,221 21,338 20,925 21,170 21,037 20,889 20,951 20,001 19,926	3/20/2014 16,537 16,632 16,681 17,098 17,983 19,721 21,491 21,381 21,283 21,317 21,152 20,825 20,449 19,701 19,124 18,817	3/21/2014 16,947 16,688 16,530 16,841 17,668 19,667 21,376 21,020 20,874 21,066 20,474 21,066 20,441 20,109 19,386 18,408 18,408	3/22/2014 14,430 14,392 14,332 14,408 14,841 15,288 16,417 16,833 17,256 17,731 17,655 17,283 17,085 16,773 16,090 15,909	3/23/2014 14,403 14,258 14,186 14,935 15,636 16,329 16,306 16,590 16,686 16,712 16,855 16,780 16,118 16,086 16,323	3/24/2014 17,102 16,955 16,866 17,560 18,567 20,406 22,308 22,241 22,086 22,049 21,718 21,617 21,329 20,980 20,365 19,838	3/25/2014 18,146 17,985 17,833 18,137 18,990 20,676 22,473 22,387 22,523 22,735 22,409 21,888 21,632 20,811 20,611 20,524	3/26/2014 18,380 18,137 18,173 18,402 19,137 20,907 22,194 22,047 21,794 21,647 21,794 21,647 21,009 20,423 19,734 19,187	3/27/2014 16,834 16,963 16,859 17,302 17,997 19,838 21,315 20,788 20,646 21,261 21,226 20,936 20,627 20,521 20,162	3/28/2014 16,316 16,181 16,085 16,064 16,739 18,125 19,782 19,782 19,786 19,941 19,910 19,758 19,726 19,440 18,324 17,986	3/29/2014 14,274 13,839 13,804 13,891 14,231 14,662 15,795 16,477 17,326 17,896 18,018 17,612 17,453 16,625 16,424	3/30/2014 14,169 13,980 13,812 13,879 14,239 14,746 15,306 15,409 15,788 15,674 15,685 15,477 15,091 14,577 14,591	3/31/2014 15,405 15,338 15,315 15,836 16,946 18,598 20,150 20,070 19,799 19,718 19,192 18,573 18,428 18,136 17,534 17,534
Date Hour 100 200 300 400 500 600 700 800 900 1000 1100 1200 1200 1300 1500 1600	3/16/2014 14,689 14,495 14,563 14,815 15,236 15,954 16,777 16,959 17,695 17,690 17,610 17,610 17,610 17,610 17,610 16,992 16,935	3/17/2014 17,768 17,851 17,756 18,231 19,231 21,017 22,693 22,539 22,791 22,812 22,475 22,147 21,636 21,165 20,140	3/19/2014 17,879 17,916 18,018 18,285 19,133 20,749 22,227 21,925 21,557 21,410 20,851 20,594 20,313 19,875 19,224	3/19/2014 16,823 16,757 16,360 16,636 17,445 19,096 21,221 21,338 20,925 21,170 21,037 20,889 20,951 20,335 20,001 19,926 19,514	3/20/2014 16,537 16,632 16,681 17,983 19,721 21,491 21,381 21,283 21,317 21,152 20,825 20,449 19,701 19,124 18,817 18,278	3/21/2014 16,947 16,688 16,530 16,841 17,668 19,667 21,376 21,020 20,874 21,033 21,033 20,441 20,109 19,386 18,408 18,107 17,412	3/22/2014 14,430 14,392 14,332 14,408 14,841 15,288 16,417 16,833 17,256 17,731 17,655 17,283 17,085 16,773 16,590 15,909 15,740	3/23/2014 14,403 14,258 14,186 14,606 14,935 15,636 16,329 16,306 16,590 16,686 16,712 16,855 16,780 16,118 16,086 16,323 16,466	3/24/2014 17,102 16,955 16,866 17,560 18,567 20,406 22,308 22,241 22,086 22,049 21,718 21,617 21,329 20,980 20,385 19,838 19,561	3/25/2014 18,146 17,985 17,833 18,137 18,990 20,676 22,473 22,523 22,735 22,409 21,888 21,632 20,811 20,611 20,614 20,614	3/26/2014 18,380 18,137 18,173 18,402 19,137 20,907 22,194 22,047 21,794 21,647 21,405 20,917 21,009 20,423 19,734 19,187 18,708	3/27/2014 16,834 16,963 16,859 17,302 17,997 19,838 20,786 20,786 20,786 21,261 21,226 20,936 20,627 20,521 20,166 20,146 19,795	3/28/2014 16,316 16,181 16,085 16,064 16,739 18,125 19,782 19,782 19,782 19,786 19,941 19,910 19,758 19,440 18,324 17,986 17,567	3/29/2014 14,274 13,839 13,804 13,891 14,231 14,662 15,795 16,477 17,326 17,896 18,018 17,612 17,453 16,960 16,525 16,424 16,298	3/30/2014 14,169 13,980 13,812 13,879 14,239 14,239 14,746 15,306 15,409 15,788 15,674 15,685 15,477 15,091 14,577 14,591 14,600 14,464	3/31/2014 15,405 15,338 15,315 15,836 16,946 18,598 20,150 20,070 19,799 19,718 19,192 18,573 18,428 18,136 17,534 17,424 17,032
Date Hour 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700	3/16/2014 14,689 14,495 14,563 14,815 15,236 15,954 16,959 17,495 17,590 17,641 17,610 17,165 16,992 16,933 17,197 16,923	3/17/2014 17,768 17,851 17,756 18,231 19,231 21,017 22,693 22,791 22,812 22,475 22,147 21,636 21,165 20,140 19,779 19,344	3/19/2014 17,879 17,916 18,018 18,285 19,133 20,749 22,227 21,925 21,557 21,410 20,851 20,594 20,513 20,594 20,313 19,875 19,224 18,935 18,492	3/19/2014 16,823 16,757 16,360 16,636 17,445 19,096 21,221 21,338 20,925 21,170 21,037 20,889 20,951 20,001 19,926	3/20/2014 16,537 16,632 16,681 17,098 17,983 19,721 21,491 21,381 21,283 21,317 21,152 20,825 20,449 19,701 19,124 18,817	3/21/2014 16,947 16,688 16,530 16,841 17,668 19,667 21,376 21,020 20,874 21,066 20,474 21,066 20,441 20,109 19,386 18,408 18,408	3/22/2014 14,430 14,392 14,332 14,408 14,841 15,288 16,417 16,833 17,256 17,731 17,655 17,283 17,085 16,773 16,090 15,909	3/23/2014 14,403 14,258 14,186 14,935 15,636 16,329 16,306 16,590 16,686 16,712 16,855 16,780 16,118 16,086 16,323	3/24/2014 17,102 16,955 16,866 17,560 18,567 20,406 22,308 22,241 22,086 22,049 21,718 21,617 21,329 20,980 20,365 19,838	3/25/2014 18,146 17,985 17,833 18,137 18,990 20,676 22,473 22,387 22,523 22,735 22,409 21,888 21,632 20,811 20,611 20,524	3/26/2014 18,380 18,137 18,173 18,402 19,137 20,907 22,194 22,047 21,794 21,647 21,794 21,647 21,009 20,423 19,734 19,187	3/27/2014 16,834 16,963 16,859 17,302 17,907 19,838 21,315 20,788 20,646 21,261 21,262 20,646 20,647 20,521 20,162 20,146	3/28/2014 16,316 16,181 16,085 16,064 16,739 18,125 19,782 19,782 19,792 19,786 19,941 19,910 19,758 19,726 19,440 18,324 17,986 17,587 17,402	3/29/2014 14,274 13,839 13,804 13,891 14,231 14,622 15,795 16,477 17,326 17,896 18,018 17,612 17,453 16,960 16,525 16,424 16,298 16,134	3/30/2014 14,169 13,980 13,812 13,879 14,239 14,746 15,306 15,409 15,788 15,674 15,685 15,674 15,685 15,477 15,091 14,577 14,591 14,600 14,464 14,464	3/31/2014 15,405 15,338 15,315 15,836 16,946 18,598 20,150 20,070 19,799 19,718 19,192 18,573 18,428 18,136 17,534 17,424 17,032 16,898
Date Hour 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800	3/16/2014 14,689 14,495 14,563 14,563 15,236 15,954 16,777 16,959 17,590 17,610 17,610 17,165 16,932 16,933 17,155	3/17/2014 17,768 17,851 17,756 18,231 19,231 21,017 22,693 22,791 22,812 22,475 22,147 21,636 20,140 19,779 19,344 19,399	3/19/2014 17,879 17,916 18,018 18,285 19,133 20,749 22,227 21,925 21,527 21,410 20,851 20,594 20,313 19,875 19,224 18,935 18,492 18,491	3/19/2014 16,823 16,757 16,360 16,636 17,445 19,096 21,221 21,338 20,925 21,170 21,037 20,859 20,951 20,335 20,001 19,926 19,514 19,702	3/20/2014 16,537 16,632 16,681 17,983 19,721 21,491 21,381 21,381 21,317 21,152 20,449 19,701 19,124 18,817 18,278 18,278	3/21/2014 16,947 16,688 16,530 16,841 17,668 19,667 21,376 21,020 20,874 21,063 21,036 20,441 20,109 19,386 18,408 18,107 17,412 17,083	3/22/2014 14,430 14,392 14,332 14,408 16,417 16,833 17,256 17,731 17,655 17,783 17,085 16,773 16,090 15,090 15,740	3/23/2014 14,403 14,258 14,186 14,606 14,935 15,636 16,329 16,306 16,686 16,712 16,855 16,780 16,118 16,086 16,323 16,466 16,697	3/24/2014 17,102 16,955 16,866 17,560 22,308 22,241 22,086 22,049 21,718 21,617 21,329 20,980 20,365 19,838 19,561 19,567	3/25/2014 18,146 17,985 17,833 18,137 18,990 20,676 22,473 22,523 22,735 22,409 21,888 21,632 20,811 20,611 20,524 20,137 20,024 20,033	3/26/2014 18,380 18,137 18,173 18,402 19,137 20,907 22,194 22,047 21,794 21,647 21,405 20,917 21,009 20,423 19,734 19,187 18,708 18,708 18,612	3/27/2014 16,834 16,963 16,859 17,302 17,997 19,838 21,315 20,788 20,646 21,261 21,226 20,936 20,627 20,521 20,162 20,162 20,146 19,795 19,493 19,433	3/28/2014 16,316 16,181 16,085 16,064 16,739 18,125 19,782 19,782 19,782 19,786 19,440 19,441 19,910 19,758 19,726 19,440 18,324 17,986 17,567 17,402 17,480	3/29/2014 14,274 13,839 13,804 13,891 14,231 14,662 15,795 16,477 17,326 17,896 18,018 17,612 17,453 16,960 16,525 16,424 16,298 16,134 16,134	3/30/2014 14,169 13,980 13,812 13,879 14,239 14,746 15,306 15,409 15,788 15,674 15,685 15,477 15,091 14,577 14,591 14,600 14,464 14,445 14,538	3/31/2014 15,405 15,338 15,315 15,836 16,946 18,598 20,150 20,070 19,799 19,718 19,192 18,573 18,428 18,136 17,534 17,424 17,032 16,898 17,063
Date Hour 100 200 300 400 500 600 700 800 900 1000 1000 1100 1200 1200 1300 1400 1500 1600 1700 1800 1900 2000 2000 2100	3/16/2014 14,689 14,495 14,563 14,815 15,236 15,954 16,959 17,495 17,690 17,610 17,165 16,935 17,197 16,923 17,155 18,199	3/17/2014 17,768 17,851 17,756 18,231 19,231 21,017 22,639 22,791 22,812 22,475 22,147 21,636 21,165 20,140 19,779 19,344 19,399 19,846	3/19/2014 17,879 17,916 18,018 18,285 19,133 20,749 22,227 21,925 21,557 21,410 20,851 20,594 20,313 19,875 19,224 18,935 18,492 18,491 19,194	3/19/2014 16,823 16,757 16,360 16,636 17,445 19,096 21,221 21,338 20,925 21,170 21,037 20,889 20,951 20,355 20,001 19,926 19,514 19,702 20,030	3/20/2014 16,537 16,632 16,681 17,098 17,983 19,721 21,381 21,381 21,381 21,381 21,315 20,825 20,449 19,701 19,124 18,817 18,278 18,296 18,457	3/21/2014 16,947 16,688 16,530 16,841 17,668 19,667 21,376 21,020 20,874 21,036 20,441 20,109 19,386 18,408 18,408 18,408 18,408 18,408 17,412 17,083 17,413	3/22/2014 14,430 14,392 14,332 14,408 14,841 15,288 16,417 16,833 17,256 17,731 17,655 17,283 17,085 16,773 16,090 15,909 15,740 15,630 15,878	3/23/2014 14,403 14,258 14,186 14,606 14,935 15,636 16,329 16,306 16,590 16,686 16,712 16,855 16,780 16,118 16,086 16,323 16,466 16,697 17,247	3/24/2014 17,102 16,955 16,866 17,560 22,308 22,241 22,086 22,049 21,718 21,617 21,329 20,980 20,365 19,838 19,567 19,774	3/25/2014 18,146 17,985 17,833 18,137 18,990 20,676 22,473 22,583 22,735 22,409 21,888 21,632 20,811 20,621 20,524 20,137 20,024	3/26/2014 18,380 18,137 18,173 18,402 19,137 20,907 22,194 22,047 21,794 21,647 21,405 20,917 21,009 20,423 19,734 19,187 18,708 18,612 18,906	3/27/2014 16,834 16,963 16,859 17,302 17,907 19,838 21,315 20,788 20,646 21,261 21,262 20,646 20,647 20,521 20,162 20,146	3/28/2014 16,316 16,181 16,085 16,064 16,739 18,125 19,782 19,782 19,792 19,786 19,941 19,910 19,758 19,726 19,440 18,324 17,986 17,587 17,402	3/29/2014 14,274 13,839 13,804 13,891 14,231 14,622 15,795 16,477 17,326 17,896 18,018 17,612 17,453 16,960 16,525 16,424 16,298 16,134	3/30/2014 14,169 13,980 13,812 13,879 14,239 14,746 15,306 15,409 15,788 15,674 15,685 15,674 15,685 15,477 15,091 14,577 14,591 14,600 14,464 14,464	3/31/2014 15,405 15,338 15,315 15,836 16,946 18,598 20,150 20,070 19,799 19,718 19,192 18,573 18,428 18,136 17,534 17,424 17,032 16,898
Date Hour 100 200 300 400 500 600 700 800 900 1000 1200 1200 1300 1400 1500 1600 1500 1600 1800 1900 2000 2100 2200	3/16/2014 14,689 14,495 14,563 14,815 15,236 15,954 17,495 17,495 17,690 17,610 17,165 16,992 16,935 17,197 16,935 17,197 16,935 17,197 16,923 17,155 18,199 19,322 19,010 18,348	3/17/2014 17,768 17,851 17,756 18,231 19,231 21,017 22,693 22,791 22,812 22,475 22,147 21,636 21,165 20,140 19,779 19,344 19,399 19,846 21,162	3/19/2014 17,879 17,916 18,018 18,285 19,133 20,749 22,227 21,925 21,557 21,410 20,851 20,594 20,313 19,875 19,224 18,935 18,492 18,491 19,194 20,329 19,673 18,530	3/19/2014 16,823 16,757 16,360 16,636 17,445 19,096 21,221 21,338 20,925 21,170 21,037 20,889 20,951 20,335 20,001 19,514 19,702 20,030 20,0389	3/20/2014 16,537 16,632 16,681 17,098 17,983 19,721 21,381 21,381 21,381 21,381 21,381 21,317 21,152 20,825 20,449 19,701 19,124 18,817 18,278 18,296 18,457 19,457 18,453	3/21/2014 16,947 16,688 16,530 16,841 17,668 19,667 21,376 21,020 20,874 21,036 20,441 20,109 19,386 18,408 18,107 17,412 17,083 17,413 18,614 18,332 17,148	3/22/2014 14,430 14,392 14,332 14,408 14,841 15,288 16,417 16,833 17,256 17,731 17,655 17,283 17,085 16,773 16,970 15,909 15,740 15,878 16,890	3/23/2014 14,403 14,258 14,186 14,935 15,636 16,329 16,686 16,590 16,686 16,590 16,686 16,712 16,855 16,780 16,118 16,086 16,323 16,466 16,697 17,247 18,437	3/24/2014 17,102 16,955 16,866 17,560 18,567 20,406 22,308 22,241 22,049 21,718 21,617 21,329 20,980 20,365 19,838 19,561 19,561 19,774 20,825	3/25/2014 18,146 17,985 17,833 18,137 18,990 20,676 22,473 22,523 22,735 22,409 21,888 21,632 20,811 20,611 20,614 20,631 20,624 20,137 20,024 20,393 21,666	3/26/2014 18,380 18,137 18,173 18,402 19,137 20,907 22,194 22,047 21,794 21,647 21,647 21,009 20,423 19,734 19,187 18,708 18,612 18,906 20,183	3/27/2014 16,834 16,963 16,859 17,302 17,997 19,838 20,788 20,646 21,261 21,226 20,936 20,627 20,521 20,146 19,795 19,433 19,433 20,089	3/28/2014 16,316 16,181 16,085 16,064 16,739 18,125 19,782 19,782 19,786 19,941 19,910 19,758 19,726 19,440 18,324 17,567 17,402 17,490 18,533	3/29/2014 14,274 13,839 13,804 13,891 14,231 14,662 15,795 16,477 17,326 17,896 18,018 17,612 17,453 16,925 16,424 16,298 16,134 16,025 17,131	3/30/2014 14,169 13,980 13,812 13,879 14,239 14,239 14,746 15,306 15,409 15,788 15,674 15,685 15,477 15,091 14,577 14,591 14,600 14,464 14,445 14,538 15,947	3/31/2014 15,405 15,338 15,315 15,836 16,946 18,598 20,150 20,070 19,799 19,718 19,192 18,573 18,428 18,136 17,534 17,424 17,032 16,898 17,063 18,277
Date Hour 100 200 300 400 500 600 700 800 900 1000 1200 1200 1200 1500 1600 1500 1600 1700 1800 2000 2100 2200 2300	3/16/2014 14,689 14,495 14,563 14,815 15,236 15,954 16,959 17,495 17,590 17,610 17,165 16,932 17,165 16,932 17,155 18,199 19,322 19,010 18,348 17,974	3/17/2014 17,768 17,851 17,756 18,231 21,017 22,639 22,791 22,812 22,475 22,147 21,636 21,165 20,140 19,779 19,344 19,399 19,846 21,162 20,833 19,734 18,890	3/19/2014 17,879 17,916 18,018 18,285 19,133 20,749 22,227 21,925 21,557 21,410 20,851 20,594 20,313 19,875 19,224 18,935 18,492 18,491 19,194 20,329 19,673 18,530 17,575	3/19/2014 16,823 16,757 16,360 16,636 17,445 19,096 21,221 21,338 20,925 21,170 21,037 20,889 20,951 20,030 19,514 19,702 20,030 20,389 19,514 18,513 17,491	3/20/2014 16,537 16,632 16,681 17,098 17,983 19,721 21,491 21,381 21,283 21,317 21,152 20,825 20,449 19,701 19,124 18,817 18,278 18,296 18,457 19,929 19,457 18,453 17,740	3/21/2014 16,947 16,688 16,530 16,841 17,668 19,667 21,376 21,020 20,874 21,036 20,441 20,109 19,386 18,408 18,408 18,407 17,412 17,083 17,413 18,614 18,332 17,148 15,805	3/22/2014 14,430 14,392 14,332 14,408 16,417 16,833 17,256 17,731 17,655 17,283 17,085 16,773 16,090 15,909 15,740 15,630 15,878 16,890 16,709	3/23/2014 14,403 14,258 14,186 14,606 14,935 15,636 16,329 16,306 16,590 16,686 16,712 16,855 16,780 16,118 16,086 16,323 16,466 16,697 17,247 18,249	3/24/2014 17,102 16,955 16,866 17,560 22,308 22,241 22,086 22,049 21,718 21,617 21,329 20,980 20,365 19,838 19,561 19,567 19,774 20,825 20,623	3/25/2014 18,146 17,985 17,833 18,137 18,990 20,676 22,473 22,523 22,735 22,409 21,888 21,632 20,811 20,524 20,137 20,024 20,393 21,606 21,201	3/26/2014 18,380 18,137 18,173 18,402 19,137 20,907 22,194 22,047 21,794 21,647 21,405 20,917 21,009 20,423 19,734 19,187 18,708 18,612 18,906 20,183 20,005	3/27/2014 16,834 16,963 16,859 17,302 17,997 19,838 20,646 21,261 21,226 20,936 20,627 20,521 20,146 19,795 19,493 19,493 19,493 19,494	3/28/2014 16,316 16,181 16,085 16,064 16,739 18,125 19,782 19,782 19,782 19,782 19,786 19,941 19,910 19,758 19,726 19,440 18,324 17,986 17,567 17,402 17,480 18,533 18,162	3/29/2014 14,274 13,839 13,804 13,891 14,231 14,652 15,795 16,477 17,326 17,896 18,018 17,612 17,453 16,960 16,525 16,424 16,298 16,134 16,025 17,131 17,049	3/30/2014 14,169 13,980 13,812 13,879 14,239 14,746 15,306 15,409 15,788 15,674 15,685 15,477 15,091 14,577 14,591 14,600 14,464 14,445 14,538 15,947 16,099	3/31/2014 15,405 15,338 15,315 15,836 16,946 18,598 20,150 20,070 19,799 19,718 19,192 18,573 18,428 18,136 17,534 17,424 17,032 16,898 17,063 18,277 17,988
Date Hour 100 200 300 500 600 700 800 900 1000 1000 1200 1300 1400 1500 1500 1600 1700 1800 1900 2000 2100 2200	3/16/2014 14,689 14,495 14,563 14,815 15,236 15,954 17,495 17,495 17,690 17,610 17,165 16,992 16,935 17,197 16,935 17,197 16,935 17,197 16,923 17,155 18,199 19,322 19,010 18,348	3/17/2014 17,768 17,851 17,756 18,231 19,231 21,017 22,639 22,791 22,812 22,475 22,147 21,636 21,165 20,140 19,779 19,344 19,399 19,846 21,162 20,833 19,734	3/19/2014 17,879 17,916 18,018 18,285 19,133 20,749 22,227 21,925 21,557 21,410 20,851 20,594 20,313 19,875 19,224 18,935 18,492 18,491 19,194 20,329 19,673 18,530	3/19/2014 16,823 16,757 16,360 16,636 17,445 19,096 21,221 21,338 20,925 21,170 21,037 20,889 20,951 20,355 20,001 19,926 19,514 19,702 20,030 20,389 19,821 18,513	3/20/2014 16,537 16,632 16,681 17,098 17,983 19,721 21,381 21,381 21,381 21,381 21,381 21,317 21,152 20,825 20,449 19,701 19,124 18,817 18,278 18,296 18,457 19,457 18,453	3/21/2014 16,947 16,688 16,530 16,841 17,668 19,667 21,376 21,020 20,874 21,036 20,441 20,109 19,386 18,408 18,107 17,412 17,083 17,413 18,614 18,332 17,148	3/22/2014 14,430 14,392 14,332 14,408 14,841 15,288 16,417 16,833 17,256 17,731 17,655 17,283 17,085 16,773 16,090 15,540 15,630 15,878 16,890 15,630 15,878 16,890 16,709 16,047	3/23/2014 14,403 14,258 14,186 14,935 15,636 16,329 16,306 16,590 16,686 16,712 16,855 16,780 16,118 16,086 16,323 16,466 16,697 17,247 18,437 18,249 17,648	3/24/2014 17,102 16,955 16,866 17,560 18,567 20,406 22,308 22,241 22,049 21,718 21,617 21,329 20,980 20,365 19,838 19,567 19,774 20,825 20,623 19,564	3/25/2014 18,146 17,985 17,833 18,137 18,990 20,676 22,473 22,523 22,735 22,409 21,888 21,632 20,811 20,524 20,137 20,024 20,393 21,606 21,201 20,107	3/26/2014 18,380 18,137 18,173 18,402 19,137 20,907 22,194 22,047 21,794 21,647 21,405 20,917 21,009 20,423 19,734 19,187 18,708 18,612 18,906 20,183 20,005 18,700	3/27/2014 16,834 16,963 16,859 17,302 17,997 19,838 21,315 20,788 20,646 21,261 21,226 20,636 20,636 20,627 20,521 20,162 20,162 20,146 19,795 19,433 19,433 20,089 19,394 18,314	3/28/2014 16,316 16,181 16,085 16,064 16,739 18,125 19,782 19,782 19,941 19,910 19,58 19,246 19,440 18,324 17,986 17,567 17,402 17,480 18,533 18,162 17,146	3/29/2014 14,274 13,839 13,804 13,801 14,231 14,632 15,795 16,477 17,326 17,896 18,018 17,612 17,453 16,960 16,525 16,424 16,298 16,134 16,025 17,131 17,049 16,032	3/30/2014 14,169 13,980 13,812 13,879 14,239 14,746 15,306 15,409 15,788 15,674 15,685 15,477 15,091 14,577 14,591 14,600 14,464 14,445 14,538 15,947 16,099 15,981	3/31/2014 15,405 15,338 15,315 15,836 16,946 18,598 20,150 20,070 19,799 19,718 19,192 18,573 18,428 18,136 17,534 17,424 17,032 16,898 17,063 18,277 17,988 17,024
Date Hour 100 200 300 400 500 600 700 800 1000 1000 1000 1200 1300 1400 1500 1500 1600 1700 1800 1200 2000 2100 2200 2300 2400	3/16/2014 14,689 14,495 14,563 14,815 15,236 15,954 16,959 17,495 17,690 17,641 17,610 17,610 17,610 17,651 16,992 16,935 17,197 16,923 17,155 18,199 19,322 19,010 18,348 17,974 17,981	3/17/2014 17,768 17,851 17,756 18,231 19,231 21,017 22,639 22,791 22,812 22,475 22,147 21,636 21,165 20,140 19,779 19,344 19,399 19,846 21,162 20,833 19,734 18,890 18,355	3/19/2014 17,879 17,916 18,018 18,285 19,133 20,749 22,227 21,925 21,557 21,410 20,851 20,594 20,313 19,875 19,224 18,935 18,492 18,491 19,194 20,329 18,673 18,530 17,575 17,196	3/19/2014 16,823 16,757 16,360 16,636 17,445 19,096 21,221 21,338 20,925 21,170 21,037 20,889 20,951 20,335 20,001 19,926 19,514 19,702 20,030 20,389 19,821 18,513 17,491 16,997	3/20/2014 16,537 16,632 16,681 17,098 17,983 19,721 21,491 21,381 21,383 21,317 21,152 20,825 20,449 19,701 19,124 18,817 18,278 18,296 18,457 19,929 19,457 18,453 17,740 17,396	3/21/2014 16,947 16,688 16,530 16,841 17,668 19,667 21,376 21,020 20,874 21,033 21,036 20,441 20,109 19,386 18,408 18,107 17,412 17,083 17,413 18,614 18,332 17,148 15,805 14,777	3/22/2014 14,430 14,392 14,332 14,408 16,417 16,833 17,256 17,731 17,655 17,283 17,085 16,773 16,090 15,909 15,740 15,630 15,878 16,890 16,709 16,047 15,318 14,762	3/23/2014 14,403 14,258 14,186 14,606 14,935 15,636 16,329 16,306 16,590 16,686 16,712 16,855 16,780 16,118 16,086 16,323 16,466 16,697 17,247 18,437 18,437 18,249 17,648 17,494 17,404	3/24/2014 17,102 16,955 16,866 17,560 22,308 22,241 22,089 21,718 21,617 21,329 20,980 20,365 19,838 19,561 19,567 19,774 20,825 20,623 19,564 18,801 18,271	3/25/2014 18,146 17,985 17,833 18,137 18,990 20,676 22,473 22,387 22,523 22,735 22,409 21,888 21,632 20,811 20,524 20,137 20,024 20,393 21,606 21,201 20,107 19,169 18,814	3/26/2014 18,380 18,137 18,173 18,402 19,137 20,907 22,194 22,047 21,794 21,647 21,405 20,917 21,009 20,423 19,734 19,187 18,708 18,612 18,906 20,183 20,005 18,700 17,985 17,412	3/27/2014 16,834 16,963 16,859 17,302 17,997 19,838 20,646 21,261 21,261 21,262 20,936 20,627 20,521 20,146 19,795 19,493 19,433 20,089 19,394 18,314 17,189 16,680	3/28/2014 16,316 16,181 16,085 16,064 16,739 18,125 19,782 19,782 19,782 19,786 19,941 19,910 19,756 19,440 18,324 17,986 17,567 17,402 17,480 18,533 18,162 17,146 15,669 14,666	3/29/2014 14,274 13,839 13,804 13,891 14,231 14,622 15,795 16,477 17,326 17,896 18,018 17,612 17,453 16,960 16,525 16,424 16,298 16,134 16,029 16,134 16,032 15,140 14,604	3/30/2014 14,169 13,980 13,812 13,879 14,239 14,746 15,306 15,409 15,788 15,674 15,685 15,477 15,091 14,577 14,591 14,600 14,464 14,445 14,538 15,947 16,099 15,981 15,711 15,720	3/31/2014 15,405 15,338 15,315 15,836 16,946 18,598 20,150 20,070 19,799 19,718 19,192 18,573 18,428 18,136 17,534 17,424 17,032 16,898 17,063 18,277 17,988 17,024 16,011 15,378
Date Hour 100 200 300 400 500 600 700 800 900 1000 1200 1200 1200 1300 1500 1500 1600 1700 1800 1800 2000 2200 2200 2200	3/16/2014 14,689 14,495 14,563 14,815 15,236 15,954 16,959 17,495 17,590 17,610 17,165 16,932 17,165 16,932 17,155 18,199 19,322 19,010 18,348 17,974	3/17/2014 17,768 17,851 17,756 18,231 21,017 22,639 22,791 22,812 22,475 22,147 21,636 21,165 20,140 19,779 19,344 19,399 19,846 21,162 20,833 19,734 18,890	3/19/2014 17,879 17,916 18,018 18,285 19,133 20,749 22,227 21,925 21,557 21,410 20,851 20,594 20,313 19,875 19,224 18,935 18,492 18,491 19,194 20,329 19,673 18,530 17,575	3/19/2014 16,823 16,757 16,360 16,636 17,445 19,096 21,221 21,338 20,925 21,170 21,037 20,889 20,951 20,030 19,514 19,702 20,030 20,389 19,514 18,513 17,491	3/20/2014 16,537 16,632 16,681 17,098 17,983 19,721 21,491 21,381 21,283 21,317 21,152 20,825 20,449 19,701 19,124 18,817 18,278 18,296 18,457 19,929 19,457 18,453 17,740	3/21/2014 16,947 16,688 16,530 16,841 17,668 19,667 21,376 21,020 20,874 21,036 20,441 20,109 19,386 18,408 18,408 18,407 17,412 17,083 17,413 18,614 18,332 17,148 15,805	3/22/2014 14,430 14,392 14,332 14,408 14,841 15,288 16,417 16,833 17,256 17,731 17,655 17,283 17,085 16,773 16,090 15,570 15,630 15,630 15,638 16,899 16,709 16,709	3/23/2014 14,403 14,258 14,186 14,935 15,636 16,329 16,306 16,590 16,686 16,590 16,686 16,712 16,855 16,780 16,118 16,086 16,323 16,466 16,697 17,247 18,437 18,249 17,648 17,494	3/24/2014 17,102 16,955 16,866 17,560 22,308 22,241 22,049 21,718 21,617 21,329 20,980 20,365 19,838 19,561 19,567 19,774 20,825 20,623 19,564 19,563 19,564 19,564	3/25/2014 18,146 17,985 17,833 18,137 18,990 20,676 22,473 22,583 22,735 22,409 21,888 21,632 20,811 20,611 20,624 20,137 20,024 20,033 21,606 21,201 20,107 19,169	3/26/2014 18,380 18,137 18,173 18,402 19,137 20,907 22,194 22,047 21,794 21,647 21,009 20,423 19,734 19,187 18,708 18,612 18,906 20,183 20,005 18,700 17,985	3/27/2014 16,834 16,963 16,859 17,302 17,997 19,838 21,315 20,788 20,646 21,261 21,226 20,936 20,627 20,521 20,162 20,146 19,795 19,493 19,433 20,089 19,394 18,314 17,189 16,680 463,808	3/28/2014 16,316 16,181 16,085 16,064 16,739 18,125 19,782 19,782 19,786 19,941 19,910 18,324 17,587 17,400 18,533 18,162 17,146 15,669	3/29/2014 14,274 13,839 13,804 13,891 14,231 14,662 15,795 16,477 17,326 17,986 18,018 17,17,612 17,453 16,980 16,525 16,424 16,298 16,134 16,025 17,131 17,049 16,032 15,140 14,604	3/30/2014 14,169 13,980 13,812 13,879 14,239 14,746 15,306 15,409 15,788 15,674 15,684 15,674 15,685 15,477 14,591 14,577 14,591 14,591 14,591 14,460 14,464 14,445 14,538 15,947 16,099 15,981 15,711	3/31/2014 15,405 15,338 15,315 15,836 16,946 18,598 20,150 20,070 19,799 19,718 19,192 18,573 18,428 18,136 17,534 17,424 17,032 16,898 17,063 18,277 17,988 17,024 16,011





Omega Joint Venture Two	INVOICE NUMBER:	181310
1111 Schrock Rd, Suite 100	INVOICE DATE:	4/5/2014
COLUMBUS, OHIO 43229	DUE DATE:	4/15/2014
PHONE: (614) 540-1111	TOTAL AMOUNT DUE:	\$445.00
FAX: (614) 540-1078	CUSTOMER NUMBER:	5020
	CUSTOMER P.O. #:	
City of Napoleon Gregory J. Heath. Finance Director	PLEASE WRITE INVOICE NUMBER ON	

City of 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

<u>OMEGA JV2 POWER INVOICE -</u>	<u>March, 2014</u>				Americ	Do Not Pay Paid by E-Pay can Municipal PWR Inc Ray Merrill 614-540-0914	
FIXED RATE CHARGE:	264	kW	*	\$1.67	/ kW =		\$440.59
ENERGY CHARGE: SERVICE FEES: Fuel Costs that were not recovered through Ene	0					=	\$0.00 \$0.00 \$4.41

TOTAL CHARGES

\$445.00

COMEGA JV5		INVOICE NUMBER:	181373
OHIO MUNICIPAL ELECTRIC GENERATING ASSOCIATION		INVOICE DATE:	4/1/2014
1111 Schrock Rd, Suite 100 Columbus, Ohio 43229 Phone: (614) 540-1111	Do Not Pay Paid by E-Pay American Municipal PWR Inc	DUE DATE:	4/21/2014
Fax: (614) 540-1078	Ray Merrill 614-540-0914	TOTAL AMOUNT DUE:	\$59,306.52
		CUSTOMER NUMBER:	5020
City of Napol Gregory J. Hea	eon th, Finance Director	CUSTOMER P.O. NUMBER:	BL980397
255 W. Rivervi Napoleon, Ohio	ew Ave., P.O. Box 151 o 43545-0151	MAKE CHECKS PAYABLE TO:	OMEGA JV5

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

FOR THE MONTH/YEAR OF: March, 2014

DEMAND CHARGES:

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

Base Operating Expense Demand Charge: Seca Associated with JV5.	\$4.884278 \$0.000000	/ kW * / kW *	3,088 kW = 3,088 kW =	\$15,082.65 \$0.00
TOTAL DEMAND CHARGES:	\$4.884278	/ kW *	3,088 kW =	\$15,082.65
ENERGY CHARGES: JV5 Repl. Pwr. & Variable (Budgeted Rate): JV5 Fuel Cost (Actual Expense):	\$0.019249 \$0.000000	/ kWh * / kWh *	2,297,472 kWh = 2,297,472 kWh =	\$44,223.87 \$0.00
TOTAL ENERGY CHARGES:	\$0.019249	/ kWh *	2,297,472 kWh =	\$44,223.87

SUB-TOTAL

\$59,306.52

Total OMEGA JV5 Invoice:

\$59,306.52

COMEGAJV5 OHIO MUNICIPAL ELECTRIC GENERATING ASSOCIATION 1111 Schrock Rd, Suite 100 Columbus, Ohio 43229 Phone: (614) 540-1111 Fax: (614) 540-1078	Do Not Pay Paid by E-Pay American Municipal PWR Ind	INVOICE			181415 4/1/2014 4/21/2014 \$64,508.32
		CUSTO	MER NUMBER:		5020
City of Napo		CUSTON	MER P.O. NUMBER:		BL980397
0,	ath, Finance Director iew Ave., P.O. Box 151 o 43545-0151	MAKE C	HECKS PAYABLE TO:	OME	GA JV5
		E WRITE INVOICE NUMBE			
Debt Service - OMEGA JV5		ETORN TELLOW INVOICE			
FOR THE MONTH/YEAR OF:	<u>April, 2014</u>				
Financing CHARGES: Debt Service	\$20).890000	/ kW *	3,088 kW =	\$64,508.32

COMEGA JV5		INVOICE NUMBER:	181373
OHIO MUNICIPAL ELECTRIC GENERATING ASSOCIATION		INVOICE DATE:	4/1/2014
1111 Schrock Rd, Suite 100 Columbus, Ohio 43229 Phone: (614) 540-1111	Do Not Pay Paid by E-Pay American Municipal PWR Inc	DUE DATE:	4/21/2014
Fax: (614) 540-1078	Ray Merrill 614-540-0914	TOTAL AMOUNT DUE:	\$59,306.52
		CUSTOMER NUMBER:	5020
City of Napol Gregory J. Hea	eon th, Finance Director	CUSTOMER P.O. NUMBER:	BL980397
255 W. Rivervi Napoleon, Ohio	ew Ave., P.O. Box 151 o 43545-0151	MAKE CHECKS PAYABLE TO:	OMEGA JV5

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

FOR THE MONTH/YEAR OF: March, 2014

DEMAND CHARGES:

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

Base Operating Expense Demand Charge: Seca Associated with JV5.	\$4.884278 \$0.000000	/ kW * / kW *	3,088 kW = 3,088 kW =	\$15,082.65 \$0.00
TOTAL DEMAND CHARGES:	\$4.884278	/ kW *	3,088 kW =	\$15,082.65
ENERGY CHARGES: JV5 Repl. Pwr. & Variable (Budgeted Rate): JV5 Fuel Cost (Actual Expense):	\$0.019249 \$0.000000	/ kWh * / kWh *	2,297,472 kWh = 2,297,472 kWh =	\$44,223.87 \$0.00
TOTAL ENERGY CHARGES:	\$0.019249	/ kWh *	2,297,472 kWh =	\$44,223.87

SUB-TOTAL

\$59,306.52

Total OMEGA JV5 Invoice:

\$59,306.52

COMEGAJV5 OHIO MUNICIPAL ELECTRIC GENERATING ASSOCIATION 1111 Schrock Rd, Suite 100 Columbus, Ohio 43229 Phone: (614) 540-1111 Fax: (614) 540-1078	Do Not Pay Paid by E-Pay American Municipal PWR Ind	INVOICE			181415 4/1/2014 4/21/2014 \$64,508.32
		CUSTO	MER NUMBER:		5020
City of Napo		CUSTON	MER P.O. NUMBER:		BL980397
0,	ath, Finance Director iew Ave., P.O. Box 151 o 43545-0151	MAKE C	HECKS PAYABLE TO:	OME	GA JV5
		E WRITE INVOICE NUMBE			
Debt Service - OMEGA JV5		ETORN TELLOW INVOICE			
FOR THE MONTH/YEAR OF:	<u>April, 2014</u>				
Financing CHARGES: Debt Service	\$20).890000	/ kW *	3,088 kW =	\$64,508.32



AMERICAN MUNICIPAL POWER, INC.

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

INVOICE NUMBER:	181296
INVOICE DATE:	4/1/2014
DUE DATE:	4/15/2014
TOTAL AMOUNT DUE:	\$1,334.86
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.

<u>Omega JV6</u> Project Capacity: Year 2014	300 kW		Do Not Pay Paid by E-Pay American Municipal PWR Inc Ray Merrill 614-540-0914
Electric Fixed 30	0 Kw * 4.45 per kW-Month		Total
AMOUNT DUE FOR :	April, 2014 -	Electric Fixed	\$1,334.86

TOTAL CHARGES

\$1,334.86

BILLING DETERMINAN	ITS fo	r BILL	ING CYCI	<u>E - MA</u>	Y <u>. 2014</u>										
MAY, 2014															
2014 - MAY BILLING WITH APRIL 201	4 DATA B	·	NITS												
		Apr-14					Cost / kWH	May-13				Jun-13			
Class and/or	Rate	# of	Apr-14	Apr-14	Billed kVa	Cost / kWH	Prior 12 Mo	# of	May-13	May-13	Cost / kWH	# of	Jun-13	Jun-13	Cost / kWH
Schedule	Code	Bills	(kWh Usage)	Billed	of Demand	For Month	Average	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month
Residential (Dom-In)	E1	3,339	2,203,437	\$215,125.61	0	\$0.0976	\$0.1093	3,337	2,097,825	\$219,312.32	\$0.1045	3,325	1,765,993	\$190,084.46	\$0.1076
Residential (Dom-In) w/Ecosmart	E1E	10		\$474.70	0	\$0.1014	\$0.1110	11	5,729	\$610.25	\$0.1065	11	5,045	\$552.04	\$0.1094
Residential (Dom-In - All Electric)	E2	605	747,599	\$69,791.66	0	\$0.0934	\$0.1062	613	641,136	\$64,572.38	\$0.1007	615	413,084	\$43,487.63	\$0.1053
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	504	\$50.63	0	\$0.1005	\$0.1110	1	530	\$56.35	\$0.1063	1	553	\$59.28	\$0.1072
Total Residential (Domestic)		3,955	2,956,223	\$285,442.60	0	\$0.0966	\$0.1087	3,962	2,745,220	\$284,551.30	\$0.1037	3,952	2,184,675	\$234,183.41	\$0.1072
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Residential (Rural-Out)	ER1	740	863,514	\$87,869.22	0	\$0.1018	\$0.1147	734	719,208	\$79,029.09	\$0,1099	736	602,361	\$68,227.84	\$0.1133
Residential (Rural-Out) w/Ecosmart	ER1E	4		\$298.35	0	\$0.1077		4	2,425	\$281.94		4	2,177	\$260.10	
Residential (Rural-Out - All Electric)	ER2	385		\$61,875.34	0	\$0.0993		388	498,799	\$53,592,14		387	389,087	\$43,185,77	
Res. (Rural-Out - All Electric) w/Ecosma		2		\$279.42	0	\$0.1004	\$0.1148	2		\$264.95		2	1,394	\$160.85	\$0.1154
Residential (Rural-Out w/Dmd)	ER3	14		\$2,846.46	164	\$0.0979		15		\$1,935.64		15	20,251	\$2,193.46	
Residential (Rural-Out - All Electric w/Dm		9			69	\$0.0999		15	10,191			9	8,961	\$995.26	
nesidential (nura-Out - All Electric W/Dff	LN4	9	13,299	\$1,329.20	69	40.0999	φυ.ττΙΟ	9	10,191	\$1,105.78	φυ.1085	9	0,901	\$990.20	φυ.ιιιΙ
Total Residential (Rural)		1,154	1,534,343	\$154,497.99	233	\$0.1007	\$0.1137	1,152	1,251,007	\$136,209.54	\$0.1089	1,153	1,024,231	\$115,023.28	\$0.1123
rotai nesiuelittai (Kural)		1,154	1,534,343	φ104,497.99	233		φU.1137	1,152	1,251,007	ຈາວ0,∠09.54	au.1089	1,153	1,024,231	φ115,023.28	φ∪.1123
Commorpial (1 Bh In No Dood)	EC2	70	47.100	ØF 404 00	~~	0 1150	¢0.1075	74	00.077	ØF 0.44 00	¢0 1000	70	00.051	ØE 464 00	¢0 1040
Commercial (1 Ph-In - No Dmd)	-	73		\$5,464.82	25	\$0.1159		74	39,977	\$5,341.20		73	38,351	\$5,151.02	
Commercial (1 Ph-Out - No Dmd)	EC2O	41	1	\$1,914.47	0	\$0.1312	\$0.1532	40	12,208	\$1,840.55	\$0.1508	40	11,514	\$1,765.50	\$0.1533
Total Commercial (1 Ph) No Dmd		114	61,761	\$7,379.29	25	\$0.1195	\$0.1413	114	52,185	\$7,181.75	\$0.1376	113	49,865	\$6,916.52	\$0.1387
Commercial (1 Ph-In - w/Demand)	EC1	266	328,206	\$37,066.22	1720	\$0.1129	\$0.1339	264	336,852	\$42,423.48	\$0.1259	265	299,825	\$39,112.08	\$0.1304
Commercial (1 Ph-Out - w/Demand)	EC1O	25	46,109	\$4,902.12	208	\$0.1063	\$0.1309	25	38,246	\$4,721.23	\$0.1234	25	32,186	\$4,099.52	\$0.1274
Total Commercial (1 Ph) w/Demand		291	374,315	\$41,968.34	1,928	\$0.1121	\$0.1336	289	375,098	\$47.144.71	\$0.1257	290	332,011	\$43,211.60	\$0.1302
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Commercial (3 Ph-Out - No Dmd)	EC4O	2	80	\$43.80	6	\$0.5475	\$0.1351	2	0	\$36.00	\$0.0000	2	40	\$40.46	\$1.0115
Commercial (ST H-Out - No Bind)	2040		00	φ+0.00		ψ0.5475	φ0.1001			φ00.00	φ0.0000	2		ψ+0.+0	φ1.0113
Total Commercial (3 Ph) No Dmd		2	80	\$43.80	6	\$0.5475	\$0.1351	2			\$0.0000	2	40	\$40.46	\$1.0115
Total Commercial (ST II) NO Dilla		~		φ+0.00		ψ0.5475	ψ0.1001	-	0	φ30.00	ψ0.0000	~	70	φ+0.+0	φ1.0113
O	500	000	1 100 010	0444 050 70	5070	#0.0005	#0.4400	000	4 440 400	A450 457 00	001111	005	4 457 704	\$100 100 10	0.4444
Commercial (3 Ph-In - w/Demand)	EC3	203		\$144,658.79	5073	\$0.0965		203	1,419,100	\$158,157.82		205	1,457,724	\$162,428.10	
Commercial (3 Ph-Out - w/Demand)	EC3O	36		\$27,407.82	1094	\$0.0991	\$0.1203	32	186,793	\$22,279.26		32	177,589	\$21,198.29	\$0.1194
Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	2		\$10,328.65	372	\$0.0895		2	-1	\$12,405.22		2	113,360	\$11,819.71	\$0.1043
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	2,000	\$195.92	6	\$0.0980	\$0.1224	1	1,720	\$199.71	\$0.1161	1	1,680	\$195.58	\$0.1164
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Total Commercial (3 Ph) w/Demand		242	1,892,530	\$182,591.18	6,545	\$0.0965	\$0.1169	238	1,727,933	\$193,042.01	\$0.1117	240	1,750,353	\$195,641.68	\$0.1118
Large Power (In - w/Dmd & Rct)	EL1	24	2,007,407	\$174,927.77	5235	\$0.0871	\$0.0950	24	2,404,599	\$217,506.43	\$0.0905	24	2,366,148	\$220,686.44	\$0.0933
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	2	128,880	\$15,427.15	580	\$0.1197	\$0.1427	2	132,600	\$16,765.37	\$0.1264	2	153,120	\$20,722.60	\$0.1353
Large Power (Out - w/Dmd & Rct)	EL10	1		\$6,696.91	215	\$0.0987	\$0.1120	1	71,460	\$7,531.24		1	63,000	\$7,341.06	
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	2		\$28,455.05	920	\$0.0937	\$0.1028	2		\$30,410.72		2	336,240	\$33,310.20	\$0.0991
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2		\$6,292.88	217	\$0.1115		2	90,318	\$7,414.58		2	82,656	\$10,416.43	
Lange Fower (III W/Dilla & Hot, W/SDOI)						φυ.1113	ψ0.1170	2		ψ/,τιτ.30	ψ0.0021				ψ0.1200
Total Large Power		31	2,564,436	\$231,799.76		\$0.0904	\$0.0987	31	3,017,697	\$279,628.34	\$0.0927	31	3,001,164	\$292,476.73	\$0.0975
. cta. Eurge i onei			2,004,400	φ=01,733.70	7,107	ψ0.0304	ψ0.0307		5,517,057	φ ε ι 3,020.34	ψ0.0327	51	3,001,104	ψ±02,710.13	ψ0.0070
Industrial (In - w/Dmd & Rct, w/SbCr)	El1	2	1,254,911	\$111,981.55	3633	\$0.0892	\$0.0819	0	1,831,272	\$143,570.51	\$0.0784	2	1,934,737	\$150,696.77	\$0.0779
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1 El2	2			1924	\$0.0892	\$0.0819	- 2				2	1,934,737		
muustnai (m - w/Dmu & RCl, N0/SDUr)			903,048	\$73,821.89	1924	φυ.υ750	φυ.υδ08		946,167	\$73,216.13	φ0.0774		1,023,891	\$79,602.02	φυ.υ///
Total Inductrial			0.000.750	\$10F 000 44	E E	¢0.0000	¢0.0015	3	0 777 400	£016 706 04	¢0.0704		0.050.000	¢020 000 70	¢0.0770
Total Industrial		3	2,238,759	\$185,803.44	5,557	\$0.0830	\$0.0815	3	2,777,439	\$216,786.64	\$0.0781	3	2,958,628	\$230,298.79	\$0.0778
late advantation of the D	501	l	405.04	A4 1 0 10		#0.00	#0.000		4 10 05 -	640 007	#0.00		107.107	A40.440 ==	AC 00 (
Interdepartmental (In - No Dmd)	ED1	48		\$14,342.72	103	\$0.0866		49	146,880	\$13,667.99		49	107,189	\$10,148.70	\$0.0947
Interdepartmental (Out - No Dmd)	ED10	1		\$0.00	0	\$0.0000		1	125			1	0	\$0.00	
Interdepartmental (In - w/Dmd)	ED2	20	354,938	\$29,970.33	1084	\$0.0844		20	343,092	\$31,180.79	\$0.0909	20	256,556	\$23,611.11	\$0.0920
Generators (JV2 Power Cost Only)	GJV2	1	20,858	\$1,385.60	44	\$0.0664	\$0.0000	1	19,246	\$807.18	\$0.0419	1	6,054	\$226.60	\$0.0374
Generators (JV5 Power Cost Only)	GJV5	1	15,564	\$1,033.92	33	\$0.0664	\$0.0000	1	16,701	\$700.44	\$0.0419	1	13,337	\$499.20	\$0.0374
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Total Interdepartmental		71	557,004	\$46,732.57	1,264	\$0.0839	\$0.0927	72	526,044	\$46,368.04	\$0.0881	72	383,136	\$34,485.61	\$0.0900
	l														
SUB-TOTAL CONSUMPTION & DEMA	ND	5,863	12,179,451	\$1,136,258.97	22,725	\$0.0933	\$0.1023	5,863	12,472,623	\$1,210,948.33	\$0.0971	5,856	11,684,103	\$1,152,278.08	\$0.0986
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Street Lights (In)	SLO	16	0	\$14.20	0	\$0.0000	\$0.0000	16	0	\$14.20	\$0.0000	16	0	\$14.20	\$0.0000
Street Lights (Out)	SLOO	2		\$0.77	0	\$0.0000		0.0	0	\$0.77		2	0	\$0.77	
	3100			ψ0.77		φ0.0000	ψ0.0000		U	ψ0.77	ψ0.0000		U	ψ0.77	ψ0.0000
Total Street Light Only		18	0	\$14.97	0	\$0.0000	\$0.0000	18	0	\$14.97	\$0.0000	18	0	\$14.97	\$0.0000
				\$14.97 		φ0.0000	ψ0.0000			\$14.97 	φ0.0000	10		\$14.97	ψ0.0000
TOTAL CONSUMPTION & DEMAND		5,881		\$1,136,273.94		\$0,0000	\$0.1023	5,881	12,472,623		\$0.0074	5,874	11,684,103	\$1,152,293.05	\$0,0000
TOTAL CONSUMPTION & DEMAND	I	3,001	12,1/9,401	\$1,130,273.94	22,125	\$0.0933	φ0.1023	5,661	12,4/2,023	φ1,∠10,903.3 0	\$0.0971	5,874	11,004,103	φ1,102,293.05	\$0.0986

BILLING DETERMINANTS

BILLING DETERMINAN	TS fo	<u>l</u>																
MAY, 2014																		
2014 - MAY BILLING WITH APRIL 2014	I DATA B																	
	Data	Jul-13 # of	Jul-13	Jul-13	Coot / WWH	Aug-13 # of	Aug. 40	Aug. 40	Cost / kWH	Sep-13 # of	0	Sep-13	Coot / KWH	Oct-13 # of	Oct-13	Oct-13	Cost / kWH	Nov-13 # of
Class and/or	Rate			Billed	Cost / kWH		Aug-13	Aug-13		# of Bills	Sep-13 (kWh Usage)	Billed	Cost / kWH	# of Bills	(kWh Usage)	Billed		# or Bills
Schedule	Code		(kWh Usage)		For Month	Bills	(kWh Usage)	Billed	For Month				For Month				For Month	
Residential (Dom-In)	E1	3,329	2,109,409	\$238,024.02	\$0.1128	3,339	2,793,644	\$323,607.27	\$0.1158	3,346	2,681,569	\$298,444.75		3,352	2,707,079	\$289,286.38	\$0.1069	3,328
Residential (Dom-In) w/Ecosmart	E1E	10	5,709	\$650.14	\$0.1139	10	7,875	\$915.88	\$0.1163	10	7,252	\$812.85		10		\$817.16	\$0.1073	10
Residential (Dom-In - All Electric)	E2	610	381,054	\$43,044.41	\$0.1130	610	459,912	\$53,640.76	\$0.1166	611	434,612	\$48,781.14		615	,	\$47,246.44	\$0.1079	609
Res.(Dom-In - All Elec.) w/Ecosmart	E2E			\$61.82	\$0.1145			\$87.40	\$0.1167		726	\$81.37	\$0.1121		649 	\$70.53	\$0.1087	
Total Residential (Domestic)		3,950	2,496,712	\$281,780.39	\$0.1129	3,960	3,262,180	\$378,251.31	\$0.1160	3,968	3,124,159	\$348,120.11	\$0.1114	3,978	3,153,414	\$337,420.51	\$0.1070	3,948
Residential (Rural-Out)	ER1	740	649,817	\$77,628.41	\$0.1195	742	804,572	\$98,634.57	\$0.1226	751	783,642	\$92,537.54	\$0.1181	744	765,877	\$87,187.47	\$0.1138	746
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,379	\$297.24	\$0.1249	4	3,242	\$407.72	\$0.1258	4	2,850	\$349.38	\$0.1226	4	2,801	\$331.83	\$0.1185	4
Residential (Rural-Out - All Electric)	ER2	388	369,258	\$43,788.90	\$0.1186	388	435,667	\$53,273.12	\$0.1223	389	434,293	\$51,014.09	\$0.1175	387	420,500	\$47,656.66	\$0.1133	386
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2	1,119	\$140.92	\$0.1259	2	1,301	\$167.52	\$0.1288	2	1,398	\$171.69	\$0.1228	2	1,218	\$146.83	\$0.1206	2
Residential (Rural-Out w/Dmd)	ER3	15	14,299	\$1,694.10	\$0.1185	15	13,744	\$1,706.92	\$0.1242	15	14,139	\$1,682.82	\$0.1190	15	17,687	\$1,988.32	\$0.1124	15
Residential (Rural-Out - All Electric w/Dm	ER4	9	8,647	\$1,024.44	\$0.1185	9	9,649	\$1,183.75	\$0.1227	9	10,130	\$1,188.67	\$0.1173	9	9,949	\$1,125.58	\$0.1131	9
Total Residential (Rural)		1,158	1,045,519	\$124,574.01	\$0.1192	1,160	1,268,175	\$155,373.60	\$0.1225	1,170	1,246,452	\$146,944.19	\$0.1179	1,161	1,218,032	\$138,436.69	\$0.1137	1,162
Commercial (1 Ph-In - No Dmd)	EC2	72	38,861	\$5,726.54	\$0.1474	73	40,420	\$6,052.00	\$0.1497	75	42,780	\$6,070.62	\$0.1419	74	41,653	\$5,774.75	\$0.1386	73
Commercial (1 Ph-Out - No Dmd)	EC2O	40	10,884	\$1,843.98	\$0.1694	41	21,517	\$3,245.61	\$0.1508	41		\$2,131.66		41		\$1,862.65	\$0.1597	41
Total Commercial (1 Ph) No Dmd		 112	49,745	\$7,570.52	\$0.1522		61,937	\$9,297.61	\$0.1501	116	56,325	\$8,202.28	\$0.1456		53,315	\$7,637.40	\$0.1433	114
	501				A A 4 4 4 4 4				A 0 (157			450 070 70	A0 (00)	0.05	077.440		A0 4040	
Commercial (1 Ph-In - w/Demand) Commercial (1 Ph-Out - w/Demand)	EC1 EC10	263 25	309,023 30,526	\$45,194.18 \$4,419.46	\$0.1462 \$0.1448	267 25	338,332 33,111	\$49,294.19 \$4,864.44	\$0.1457 \$0.1469	267 25	396,656 37,182	\$53,976.78 \$5,070.66		265 25	377,416 34,780	\$49,507.55 \$4,604.20	\$0.1312 \$0.1324	264 26
Sommersial (11 H Out W) Semandy	LOIO				ψ0.1440				φ0.1400				φ0.1004				ψ0.10 L 4	
Total Commercial (1 Ph) w/Demand		288	339,549	\$49,613.64	\$0.1461	292	371,443	\$54,158.63	\$0.1458	292	433,838	\$59,047.44	\$0.1361	290	412,196	\$54,111.75	\$0.1313	290
Commercial (3 Ph-Out - No Dmd)	EC4O	2	240	\$66.06	\$0.2753	2	40	\$41.13	\$1.0283	2	0	\$36.00	\$0.0000	2	40	\$40.70	\$1.0175	2
Total Commercial (3 Ph) No Dmd		2	240	\$66.06	\$0.2753	2	40	\$41.13	\$1.0283	2		\$36.00	\$0.0000	2	40	\$40.70	\$1.0175	2
Commercial (3 Ph-In - w/Demand)	EC3	205	1,522,550	\$190,539.80	\$0.1251	206	1,654,048	\$211,496.38	\$0.1279	208	1,740,302	\$208,949.03	\$0.1201	209	1,940,437	\$226,281.59	\$0.1166	208
Commercial (3 Ph-Out - w/Demand)	EC3O	32	188,637	\$25,562.32	\$0.1355	32	189,643	\$26,288.29	\$0.1386	34	248,138	\$30,514.72	\$0.1230	35	312,762	\$36,336.25	\$0.1162	38
Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	2	126,840	\$14,799.24	\$0.1167	2	115,480	\$13,881.00	\$0.1202	2	106,920	\$12,144.04	\$0.1136	2	125,600	\$13,595.49	\$0.1082	2
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	1,680	\$276.68	\$0.1647	1	3,000	\$416.76	\$0.1389	1	4,280	\$519.86	\$0.1215	1	4,760	\$537.79	\$0.1130	1
Total Commercial (3 Ph) w/Demand		240	1,839,707	\$231,178.04	\$0.1257	241	1,962,171	\$252,082.43	\$0.1285	245	2,099,640	\$252,127.65	5 \$0.1201	247	2,383,559	\$276,751.12	\$0.1161	249
		240	1,000,101	φ231,170.0 4	ψ0.1257	241	1,302,171	<i>ψ232,002.</i> 43	ψ0.1203	245	2,033,040	ψ232,127.03	φ0.1201	241	2,000,000	φ270,731.12	ψ0.1101	245
Large Power (In - w/Dmd & Rct)	EL1	24	2,586,195	\$250,122.74	\$0.0967	24	2,620,054	\$262,653.75	\$0.1002	24	2,825,165	\$263,358.88	\$0.0932	24	2,851,318	\$261,397.73	\$0.0917	24
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	2	70,560	\$16,900.07	\$0.2395	2	84,480	\$18,753.31	\$0.2220	2	65,640	\$13,082.45	\$0.1993	2	150,720	\$19,867.10	\$0.1318	2
Large Power (Out - w/Dmd & Rct)	EL10	1	73,980	\$8,336.45	\$0.1127	1	86,580	\$10,240.70	\$0.1183	1	93,060	\$10,633.53	\$0.1143	2	92,960	\$11,043.20	\$0.1188	1
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	2	347,520	\$36,252.97	\$0.1043	2	290,160	\$34,745.28	\$0.1197	2	355,680	\$35,608.24	\$0.1001	2	346,080	\$35,694.13	\$0.1031	2
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	81,493	\$7,169.32	\$0.0880	2	74,511	\$14,585.20	\$0.1957	2	74,511	\$13,676.28	\$0.1835	2	75,559	\$15,440.11	\$0.2043	2
Total Large Power		31	3,159,748	\$318,781.55	\$0.1009	31	3,155,785	\$340,978.24	\$0.1080	31	3,414,056	\$336,359.38	\$0.0985	32	3,516,637	\$343,442.27	\$0.0977	31
		01				0.				0.				02				01
Industrial (In - w/Dmd & Rct, w/SbCr)	El1	2	2,096,838	\$167,377.82	\$0.0798	2	1,878,883	\$159,221.08	\$0.0847	2	1,936,770	\$156,832.64		2	2,054,036	\$162,716.59	\$0.0792	2
Industrial (In - w/Dmd & Rct, No/SbCr)	El2	1	1,048,294	\$84,061.55	\$0.0802	1	990,973	\$82,769.36	\$0.0835	1	1,189,366	\$93,753.89	\$0.0788	1	1,022,390	\$79,931.60	\$0.0782	1
Total Industrial		3	3,145,132	\$251,439.37	\$0.0799	3	2,869,856	\$241,990.44	\$0.0843	3	3,126,136	\$250,586.53	\$0.0802	3	3,076,426	\$242,648.19	\$0.0789	3
Interdepartmental (In - No Dmd)	ED1	52	88,992	\$9,067.37	\$0.1019	49	86,904	\$9,315.56	\$0.1072	49	88,393	\$9,034.02	\$0.1022	48	85,376	\$8,366.37	\$0.0980	48
Interdepartmental (Out - No Dmd)	ED10	1	0	\$0.00	\$0.0000	1	0	\$0.00		1	0	\$0.00		1	00,010	\$0.00	\$0.0000	1
Interdepartmental (In - w/Dmd)	ED2	20	259,802	\$25,781.92		20	261,926	\$27,328.08	\$0.1043	20	265,565	\$26,497.58		20	221,105	\$21,078.59	\$0.0953	20
Generators (JV2 Power Cost Only)	GJV2	1	12,330	\$356.95	\$0.0289	1	13,117	\$19.02		1	7,858	\$319.03		1	15,302	\$459.52	\$0.0300	1
Generators (JV5 Power Cost Only)	GJV5	1	12,330	\$356.95	\$0.0289	1	12,084	\$17.52		1	12,084	\$490.61		1	13,008	\$390.63	\$0.0300	1
Total Interdepartmental		75	373,454	\$35,563.19	\$0.0952	72	374,031	\$36,680.18	\$0.0981	72	,	\$36,341.24	\$0.0972	71	334,791	\$30,295.11	\$0.0905	71
SUB-TOTAL CONSUMPTION & DEMAN	ND	5,859	12,449,806	\$1,300,566.77	\$0.1045	5,875	13,325,618	\$1,468,853.57	\$0.1102	5,899	13,874,506	\$1,437,764.82	\$0.1036	5,899	14,148,410	\$1,430,783.74	\$0.1011	5,870
COL TOTAL CONCOMPTION & DEMAI			12,449,000	============	ψυ.1040	-			ψ0.1102			\$1,437,704.02				\$1,430,763.74	ψυ.τυτΤ	=
Street Lights (In)	SLO	16	0	\$14.20	\$0.0000	16	0	\$14.20	\$0.0000	16	0	\$14.20		19		\$24.21	\$0.0000	16
Street Lights (Out)	SLOO	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	2
Total Street Light Only			0	\$14.97	\$0.0000	18		\$14.97	\$0.0000	18	0	\$14.97	\$0.0000	21	0	\$24.98	\$0.0000	18
TOTAL CONSUMPTION & DEMAND		5,877	12,449,806	\$1,300,581.74	\$0.1045	5,893	13,325,618	\$1,468,868.54	\$0.1102	5,917	13,874,506	\$1,437,779.79	\$0.1036	5,920	14,148,410	\$1,430,808.72	\$0.1011	5,888

BILLING DETERMINANTS

BILLING DETERMINAN	ITS fo	<u>l</u>															
MAY, 2014 2014 - MAY BILLING WITH APRIL 2014																	
2014 - MAT BILLING WITH AFRIE 2014	4 DATA D				Dec-13			:	Jan-14				Feb-14				Mar-14
Class and/or	Rate	Nov-13	Nov-13	Cost / kWH	# of	Dec-13	Dec-13	Cost / kWH	# of	Jan-14	Jan-14	Cost / kWH	# of	Feb-14	Feb-14	Cost / kWH	# of
Schedule	Code	(kWh Usage)	Billed	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	1,933,075	\$206,877.20	\$0.1070	3,338	1,860,222	\$203.923.93		3,327	2,165,884	\$231,255,93	\$0.1068	3,331	2,652,898	\$300,367.87		3.336
Residential (Dom-In) w/Ecosmart	E1E	5,079	\$550.99	\$0.1070	10	4,720	\$526.48		10		\$574.13	\$0.1089	10	6,477	\$744.61		10
Residential (Dom-In - All Electric)	E1L E2	333,019	\$35,848.44	\$0.1085	612	437,940	\$46,953.38	\$0.1113	608		\$66,585.78	\$0.0976	607	868,660	\$95,411.75		605
	E2E	542	\$58.40	\$0.1078	012	437,940			000	485		\$0.0978	007				000
Res.(Dom-In - All Elec.) w/Ecosmart	E2E		\$J0.40 	\$0.1077		403	\$51.75	φU.1110		400	\$53.32	\$0.1099		661 	\$75.86	- φ0.1140	
Total Residential (Domestic)		2,271,715	\$243,335.03	\$0.1071	3,961	2,303,345	\$251,455.54	\$0.1092	3,946	2,853,960	\$298,469.16	\$0.1046	3,949	3,528,696	\$396,600.09	\$0.1124	3,952
Residential (Rural-Out)	ER1	595,586	\$67,841.14	\$0.1139	742	675.951	\$77,391.16	\$0,1145	740	813,305	\$90.536.52	\$0.1113	740	1.023.444	\$120,315.45	\$0,1176	740
Residential (Rural-Out) w/Ecosmart	ER1E	2,254	\$268.65	\$0.1192	4	2,490	\$297.95	\$0.1197	4	3,465	\$394.50	\$0.1139	4	3,830	\$462.98		4
Residential (Rural-Out - All Electric)	ER2	348,529	\$39,193.86	\$0.1125	385	441,519	\$49,555.40	\$0.1122	385		\$60,424.35	\$0.1092	387	699,435	\$81,026.24		386
Res. (Rural-Out - All Electric) w/Ecosmar		1,189	\$140.53	\$0.1182	2		\$190.21	\$0.1157	2		\$277.99	\$0.1102	2	3,524	\$409.05		2
Residential (Rural-Out w/Dmd)	ER3	16,088	\$1,769.63	\$0.1100	14		\$6,752.74	\$0.1054	14		\$17,976.90	\$0.1024	14	42,454	\$4,815.30		14
Residential (Rural-Out - All Electric w/Dm		8.980	\$1,000.22	\$0.1114	9	25,917	\$2,766.35		0	29,132	\$3,061.58	\$0.1051	14	13,877	\$1,621.35		
Residential (Rurai-Out - All Electric W/Dir	EN4	0,900	\$1,000.22	φU.1114			\$2,700.33	φ0.1007	9		\$3,001.30	\$0.1051	9	13,077	\$1,021.30	φ 0.110 ο	9
Total Residential (Rural)		972,626	\$110,214.03	\$0.1133	1,156	1,211,616	\$136,953.81	\$0.1130	1,154		\$172,671.84	\$0.1095	1,156	1,786,564	\$208,650.37	\$0.1168	1,155
Commercial (1 Ph-In - No Dmd)	EC2	39,434	\$5,211.01	\$0.1321	71	41,379	\$5,696.94	\$0.1377	71	43.626	\$5,887.59	\$0.1350	72	50,780	\$7,084.93	\$0.1395	72
Commercial (1 Ph-Out - No Dmd)	EC2O	10,646	\$1,671.34	\$0.1521	40	14,381	\$2,166.21	\$0.1577	41		\$2,057.64	\$0.1520	41	15,107	\$2,345.41		41
	2020	10,040	\$1,071.34	ψ0.1370	40		φ2,100.21	ψυ.1500	41		φ2,037.04 	ψ0.1520			φ2,343.41	ψυ.1555	41
Total Commercial (1 Ph) No Dmd		50,080	\$6,882.35	\$0.1374	111	55,760	\$7,863.15	\$0.1410	112		\$7,945.23	\$0.1390	113	65,887	\$9,430.34	\$0.1431	113
Commercial (1 Ph-In - w/Demand)	EC1	310,568	\$40,745.11	\$0.1312	264	293,036	\$40,591.69	\$0.1385	266	314,838	\$41,545.49	\$0.1320	266	354,791	\$48,252.71	\$0.1360	266
Commercial (1 Ph-Out - w/Demand)	EC10	32,976	\$4,297.20	\$0.1303	26	31,754	\$4,382.16	\$0.1380	26	35,202	\$4,606.73	\$0.1309	25	45,573	\$5,962.21	\$0.1308	25
Total Commercial (1 Ph) w/Demand		343,544	\$45,042.31	\$0.1311	290	324,790	\$44,973.85	\$0.1385	292	350,040	\$46,152.22	\$0.1318	291	400,364	\$54,214.92	\$0.1354	291
Commercial (3 Ph-Out - No Dmd)	EC4O	0	\$36.00	\$0.0000	2	0	\$36.00	\$0.0000	2	13,400	\$1,580.65	\$0.1180	2	12,240	\$1,532.99		2
Total Commercial (3 Ph) No Dmd		0	\$36.00	\$0.0000	2	0	\$36.00		2	-,	\$1,580.65	\$0.1180	2	12,240	\$1,532.99		2
Commercial (3 Ph-In - w/Demand)	EC3	1,743,531	\$192,165.59	\$0.1102	206	1,497,011	\$176,923.62	\$0.1182	205		\$166,491.55	\$0.1151	204	1,447,853	\$177,029.32	\$0.1223	204
Commercial (3 Ph-Out - w/Demand)	EC3O	282,499	\$32,418.80	\$0.1148	36	391,905	\$45,285.07	\$0.1156	36	287,798	\$34,591.74	\$0.1202	36	268,912	\$33,948.49	\$0.1262	36
Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	128,480	\$13,054.38	\$0.1016	2	120,760	\$13,059.80	\$0.1081	2	127,880	\$13,528.15	\$0.1058	2	97,520	\$11,322.79	\$0.1161	2
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	4,280	\$464.03	\$0.1084	1	1,960	\$278.88	\$0.1423	1	1,800	\$217.47	\$0.1208	1	1,760	\$222.21	\$0.1263	1
Total Commercial (3 Ph) w/Demand		2,158,790	\$238,102.80	\$0.1103	245	2,011,636	\$235,547.37		244			\$0.1152	243	1,816,045	\$222,522.81		243
Large Power (In - w/Dmd & Rct)	EL1	2,519,427	\$225,473.74	\$0.0895	24	2,392,168	\$226,455.20	\$0.0947	24		\$210,865.07	\$0.0947	24	2,063,522	\$218,102.07		24
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	112,320	\$15,970.35	\$0.1422	2	140,160	\$17,688.77	\$0.1262	2	141,240	\$17,776.39	\$0.1259	2	127,080	\$17,566.79		2
Large Power (Out - w/Dmd & Rct)	EL10	65,340	\$7,082.78	\$0.1084	1	65,880	\$7,536.58	\$0.1144	1	70,200	\$7,601.59	\$0.1083	1	74,700	\$8,360.23		1
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	340,800	\$33,623.94	\$0.0987	2		\$36,335.40	\$0.1001	2	314,400	\$31,908.05	\$0.1015	2	262,080	\$31,593.00	\$0.1205	2
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	71,216	\$6,014.85	\$0.0845	2	75,657	\$6,509.56	\$0.0860	2	80,917	\$6,758.58	\$0.0835	2	86,020	\$7,861.04	\$0.0914	2
Total Large Power		3,109,103	\$288,165.66	\$0.0927	31	3,036,985	\$294,525.51		31		\$274,909.68		31	2,613,402	\$283,483.13		31
Industrial (In - w/Dmd & Rct, w/SbCr)	El1	1,988,263	\$149,218.10	\$0.0750	2	1,984,035	\$162,825.47	\$0.0821	2	1,980,102	\$157,408.43	\$0.0795	2	1,764,615	\$159,115.05		2
Industrial (In - w/Dmd & Rct, No/SbCr)	El2	1,057,587	\$77,201.69	\$0.0730	1	990,671	\$79,187.70	\$0.0799	1	1,034,124	\$87,121.03	\$0.0842	1	806,907	\$76,569.36	\$0.0949	1
Total Industrial		3,045,850	\$226,419.79	\$0.0743	3	2,974,706	\$242,013.17	\$0.0814	3	3,014,226	\$244,529.46	\$0.0811	3	2,571,522	\$235,684.41	\$0.0917	3
Interdepartmental (In - No Dmd)	ED1	87,978	\$8,365.07	\$0.0951	48	126.385	\$12,262,35	\$0.0970	48	166.609	\$15.927.03	\$0.0956	48	183.455	\$19.016.54	\$0.1037	48
Interdepartmental (Out - No Dmd)	ED10	01,370	\$0.00	\$0.0951	40	120,303	\$0.00		40	100,009	\$15,927.03	\$0.0956	40	103,433	\$19,018.34		40
	-	0			1	•			1	-			1	-			1
Interdepartmental (In - w/Dmd)	ED2	221,353	\$20,491.16	\$0.0926			\$23,251.25		20				20	374,969	\$37,992.13		20
Generators (JV2 Power Cost Only)	GJV2	16,349	\$817.12	\$0.0500	1	18,796	\$597.15		1	13,913		\$0.0329	1	22,895	\$644.27		1
Generators (JV5 Power Cost Only)	GJV5	13,759	\$687.67	\$0.0500	1	16,535	\$525.32	\$0.0318	1	17,752	\$583.86	\$0.0329	1	19,139	\$538.57	\$0.0281	1
Total Interdepartmental		339,439	\$30,361.02	\$0.0894	71	407,292	\$36,636.07	\$0.0900	71	503,720	\$45,533.93	\$0.0904	71	600,458	\$58,191.51	\$0.0969	71
SUB-TOTAL CONSUMPTION & DEMAI	ND	12,291,147	\$1,188,558.99	\$0.0967	5,870	12,326,130	\$1,250,004.47	\$0.1014	5,855	13,067,105	\$1,306,621.08	\$0.1000	5,859	13,395,178	\$1,470,310.57	\$0.1098	5,861
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			=			=				=	=			=			
Street Lights (In)	SLO	0	\$14.20	\$0.0000	16	0	\$14.20	\$0.0000	16	0	\$14.20	\$0.0000	16	0	\$14.20	\$0.0000	16
Street Lights (Out)	SLOO	0	\$0.77	\$0.0000	2		\$0.77		2	0		\$0.0000	2	0	\$0.77		01
	3100	0		φυ.υυ00	2			φυ.υυυυ	-			φυ.υυυυ	2	-			2
Total Street Light Only		0	\$14.97	\$0.0000		0	\$14.97	\$0.0000	18	0	\$14.97	\$0.0000	18	0	\$14.97	\$0.0000	18
TOTAL CONSUMPTION & DEMAND		12,291,147	\$1,188,573.96	\$0.0967	5,888	12,326,130	\$1,250,019.44	\$0.1014	5,873	13,067,105	\$1,306,636.05	\$0.1000	5,877	13,395,178	\$1,470,325.54	\$0.1098	5,879
TO TAL CONSOMETION & DEMAND	I	12,231,147	φ1,100,373.90	φ 0.09 67	5,000	12,320,130	φ1,200,019.44	φ0.1014	3,013	13,007,105	φ1,300,030.05	φ0.1000	5,077	13,393,178	φ1, 4 10,323.34	φυ.1098	3,019

BILLING DETERMINAN	TS fo	<u> </u>									
MAY, 2014											
2014 - MAY BILLING WITH APRIL 2014	1 DATA B	1							TOTAL	TOTAL	Avg.Cost
Class and/or	Rate	Mar-14	Mar-14	Cost / kWH	Apr-14 # of	Apr-14	Apr-14	Cost / kWH	KWH USEAGE	BILLING	Per kWH
Schedule	Code	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month	PRIOR 12 MO	PRIOR 12 MO	For Period
Residential (Dom-In)	E1	2,667,733	\$305,896.68	\$0.1147	3,339	2,203,437	\$215,125.61	\$0.0976	27,638,768	\$3,022,206.42	
Residential (Dom-In) w/Ecosmart	E1E	6,297	\$734.94	\$0.1147	10	4,683	\$474.70	\$0.1014	71,751	\$7,964.17	
Residential (Dom-In - All Electric)	E12	947,151	\$105,078.20	\$0.1109	605	747,599	\$69,791.66	\$0.0934	6,784,559	\$720,441.97	
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	517	\$61.41	\$0.1188	1	504	\$50.63	\$0.1005	6,919	\$768.12	
				<i>_</i>				<i>Q</i> 0000			<i>\</i> 00
Total Residential (Domestic)		3,621,698	\$411,771.23	\$0.1137	3,955	2,956,223	\$285,442.60	\$0.0966	34,501,997	\$3,751,380.68	\$0.1087
Residential (Rural-Out)	ER1	1,029,204	\$122,465.03	\$0.1190	740	863,514	\$87,869.22	\$0.1018	9,326,481	\$1,069,663.44	\$0.1147
Residential (Rural-Out) w/Ecosmart	ER1E	3,763	\$461.17	\$0.1226	4	2,769	\$298.35	\$0.1077	34,445	\$4,111.81	\$0.1194
Residential (Rural-Out - All Electric)	ER2	756,270	\$88,380.86	\$0.1169	385	622,894	\$61,875.34	\$0.0993	5,969,776	\$672,966.73	\$0.1127
Res. (Rural-Out - All Electric) w/Ecosmar		3,420	\$402.63	\$0.1177	2	2,782	\$279.42	\$0.1004	23,969	\$2,752.59	
Residential (Rural-Out w/Dmd)	ER3	23,947	\$2,814.89	\$0.1175	14	29,085	\$2,846.46	\$0.0979	449,325	\$48,177.18	
Residential (Rural-Out - All Electric w/Dm		15,632	\$1,837.21	\$0.1175	9	13,299	\$1,329.20	\$0.0999	164,364	\$18,239.39	
Total Residential (Rural)		1,832,236	\$216,361.79	\$0.1181	1,154	1,534,343	\$154,497.99	\$0.1007	15,968,360	\$1,815,911.14	\$0.1137
Commercial (1 Ph-In - No Dmd)	EC2	52,551	\$7,603.38	\$0.1447	73	47,168	\$5,464.82	\$0.1159	516,980	\$71,064.80	\$0.1375
Commercial (1 Ph-Out - No Dmd)	EC2O	17,014	\$2,676.53	\$0.1573	41	14,593	\$1,914.47	\$0.1312	166,612	\$25,521.55	
	2020		φ2,070.00	ψ0.1575			ψ1,017.47 	ψ0.1012		Ψ20,021.00	ψ0.1002
Total Commercial (1 Ph) No Dmd		69,565	\$10,279.91	\$0.1478	114	61,761	\$7,379.29	\$0.1195	683,592	\$96,586.35	\$0.1413
Commercial (1 Dis la sur/Domonal)	F.0.1	000 771	#E0 000 00	0.1100	0000	000.000	#07 000 00	0 1100	1 000 011	#E00 740 11	0.1000
Commercial (1 Ph-In - w/Demand)	EC1	369,771	\$52,003.63	\$0.1406	266 25	328,206	\$37,066.22	\$0.1129	4,029,314	\$539,713.11	
Commercial (1 Ph-Out - w/Demand)	EC10	51,000	\$6,814.96	\$0.1336		46,109	\$4,902.12	\$0.1063	448,645	\$58,744.89	\$0.1309
Total Commercial (1 Ph) w/Demand		420,771	\$58,818.59	\$0.1398	291	374,315	\$41,968.34	\$0.1121	4,477,959	\$598,458.00	\$0.1336
Commercial (3 Ph-Out - No Dmd)	EC4O	440	\$92.50	\$0.2102	2	80	\$43.80	\$0.5475	26,520	\$3,582.29	\$0.1351
Total Commercial (3 Ph) No Dmd		440	\$92.50	\$0.2102	2	80	\$43.80	\$0.5475	26,520	\$3,582.29	\$0.1351
Commercial (3 Ph-In - w/Demand)	EC3	1,466,120	\$186,264.89	\$0.1270	203	1,498,619	\$144,658.79	\$0.0965	18,834,322	\$2,201,386.48	
Commercial (3 Ph-Out - w/Demand)	EC3O	336,266	\$42,895.47	\$0.1276	36	276,511	\$27,407.82	\$0.0991	3,147,453	\$378,726.52	\$0.1203
Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	119,360	\$14,205.36	\$0.1190	2	115,400	\$10,328.65	\$0.0895	1,417,920	\$154,143.83	\$0.1087
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	2,040	\$263.89	\$0.1294	1	2,000	\$195.92	\$0.0980	30,960	\$3,788.78	\$0.1224
Total Commercial (3 Ph) w/Demand		1,923,786	\$243,629.61	\$0.1266	242	1,892,530	\$182,591.18	\$0.0965	23,430,655	\$2,738,045.61	\$0.1169
		.,020,700	<i>\\\\\\\\\\\\\</i>	\$0.1200		1,002,000	¢.0 <u>2</u> ,000	<i>Q</i> 0.0000	20,100,000	<i>q</i> _,,	<i>Q</i> 01100
Large Power (In - w/Dmd & Rct)	EL1	2,317,388	\$239,569.19	\$0.1034	24	2,007,407	\$174,927.77	\$0.0871	29,179,162	\$2,771,119.01	\$0.0950
Large Power (In - w/Dmd & Rct, w/SbCr)		162,600	\$19,158.59	\$0.1178	2	128,880	\$15,427.15	\$0.1197	1,469,400	\$209,678.94	\$0.1427
Large Power (Out - w/Dmd & Rct)	EL10	78,660	\$8,770.32	\$0.1115	1	67,860	\$6,696.91	\$0.0987	903,680	\$101,174.59	\$0.1120
Large Power (Out - w/Dmd & Rct, w/SbC		382,080	\$39,028.73	\$0.1021	2	303,840	\$28,455.05	\$0.0937	3,960,720	\$406,965.71	\$0.1028
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	87,615	\$8,084.06	\$0.0923	2	56,449	\$6,292.88	\$0.1115	936,922	\$110,222.89	\$0.1176
Total Lawna Davuar				¢0,1000	31	0.564.406	+001 700 7C	¢0.0004			¢0,0007
Total Large Power		3,028,343	\$314,610.89	\$0.1039	31	2,564,436	\$231,799.76	\$0.0904	36,449,884	\$3,599,161.14	\$0.0987
Industrial (In - w/Dmd & Rct, w/SbCr)	El1	1,943,145	\$172,895.43	\$0.0890	2	1,254,911	\$111,981.55	\$0.0892	22,647,607	\$1,853,859.44	\$0.0819
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1,082,899	\$97,248.96	\$0.0898	- 1	983,848	\$73,821.89	\$0.0750	12,177,117	\$984,485.18	
				<i>QQ</i>				<i>Q0.0700</i>			<i>Q</i> 0.0000
Total Industrial		3,026,044	\$270,144.39	\$0.0893	3	2,238,759	\$185,803.44	\$0.0830	34,824,724	\$2,838,344.62	\$0.0815
Interdepartmental (In - No Dmd)	ED1	194,860	\$20,454.73	\$0.1050	48	165,644	\$14,342.72	\$0.0866	1,528,665	\$149.968.45	\$0.0981
Interdepartmental (Out - No Dmd)	ED10	0	\$0.00	\$0.0000	1	0	\$0.00	\$0.0000	125	\$11.64	
Interdepartmental (In - w/Dmd)	ED2	431,959	\$44,486.15	\$0.1030	20	354,938	\$29,970.33	** ** *	3,542,287	\$340,234.53	
Generators (JV2 Power Cost Only)	GJV2	25,582	\$1,394.73	\$0.0545	1	20,858	\$1,385.60	\$0.0664	192,300	\$7,484.77	
Generators (JV5 Power Cost Only)	GJV5	20,046	\$1,092.91	\$0.0545	1	15,564	\$1,033.92	\$0.0664	182,339	\$6,917.60	
Total Interdepartmental		672,447	\$67,428.52	\$0.1003	71	557,004	\$46,732.57	\$0.0839	5,445,716	\$504,616.99	\$0.0927
SUB-TOTAL CONSUMPTION & DEMAI	ND	14,595,330	\$1,593,137.43	\$0.1092	5,863	12,179,451	\$1,136,258.97	\$0.0933	155,809,407	\$15,946,086.82	\$0.1023
					=						
Street Lights (In)	SLO	0	\$14.20	\$0.0000	16	0	\$14.20	\$0.0000	0	\$180.41	\$0.0000
Street Lights (Out)	SLOO	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	0	\$9.24	
Total Street Light Only		0	\$14.97	\$0.0000	18	0	\$14.97	\$0.0000	0	\$189.65	\$0.0000
TOTAL CONSUMPTION & DEMAND		14,595,330	\$1,593,152.40	\$0.1092	5,881	12,179,451	\$1,136,273.94	\$0.0933	155,809,407	\$15,946,276.47	\$0.1023





Electric Department Report April 2014

There were 9 callout/outages during the month of April. Three callouts were to reconnect electric services at various locations. One callout was to open a meter socket for an electrical contractor. Two outages were due to animals getting into primary lines causing fuses to blow. One outage was caused by a shorted primary current transformer. One outage was caused by a distribution switch faulting. One outage was caused by a yard tree blowing over on a secondary service drop.

Line Department/Service Truck: Line crews helped repair ball field nets at Oakwood Park. Crews worked on the rebuild in Riviera Heights. Crews worked on a lighting project in City Building. Crews installed a new URD service to a barn on 108 North and a second URD at 1003 Clairmont. Crews set a new pole line on Rd 18 and strung new wire. Line crews installed guy wires on 69 KV pole west of 108. They also repaired a line switch near TA truck stop. Line crews extended service to new customer on road 18 and US RT 6. Crews helped lower large branches behind 501 Welsted. Crews worked on Huddle Road transmission project and performed cleaning and truck and equipment maintenance. The Service Truck completed locates and work orders.

Substation Department: Todd and Nikk performed Mechanical Relay, battery testing and breaker testing at Glenwood Substation. They also switched out Glenwood Substation for fence installation, trimmed bushes and installed new signs on the new fence. Todd and Nikk performed switching and worked on sync relays at Northside Substation. They also performed monthly inspections and routine maintenance at all substations

Forestry Department: Jamie trimmed trees on Woodlawn, East Riverdowns Park, Rd O-3 and Road 18 South of Road T. Jamie and Nate trimmed trees at 501 Welsted, Wayne Park, Road Q and 16, County road A in Fulton County and performed truck and chipper maintenance.

Storeroom/Inventory/Metering Department: Shawn Druhot read meters, cleaned and counted inventory and mowed grass at service building. Shawn also helped crews and accepted incoming bulbs for recycling and delivered florescent bulbs to Bowling Green.

The Peak Load for April, 2014 was 21.54 MW occurring on the 3rd at 1:00 PM. This was an increase of .26 MW from April, 2013. The average load for April, 2014 was 15.61 MW. This was an decrease of 1.32 MW from April 2013. JV 2 did not run and JV 5 ran on 04/09/2014 and produced 5.4 MW. The gas Turbines ran on 04/30/14 and produced 44 MW. The AMP Solar Field showed a peak of 3.72 MW and the KWH output was 559,809.00

05/07/14 DPC

City of Napoleon, Ohio



SUMMARY OF APRIL 2014 OUTAGE/STANDBY CALL-OUTS

April 2, 2014:

One employee was dispatched at 5:30 p.m. to 242 Yeager St. to reconnect service.

April 2, 2014:

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

April 3, 2014:

One employee was dispatched at 3:00 p.m. from the City Building to reconnect service at 1212 E. Riverview Ave. Apt. 401.

April 3, 2014:

One employee was dispatched at 7:00 p.m. to 718 Strong St. to open a meter socket for a contractor.

April 6, 2014:

Electric personnel were dispatched at 9:20 a.m. to 1050 Kenilworth Ave. due to a power outage. The outage lasted forty minutes and affected thirteen customers. The outage was due to an animal blowing a fuse. The personnel replaced the fuse.

April 8, 2014:

Electric personnel were dispatched at 3:10 p.m. to N160 State Route 108 due to a bad primary ct. The Filling Home was running on generators until the crews changed out the primary ct. in the morning.
April 12, 2014:

Electric personnel were dispatched at 8:30 a.m. to 260 N. Harmony Dr. due to a power outage. The outage lasted forty five minutes and affected three customers. The outage was due to an animal that blew a fuse. The personnel replaced the fuse.

April 14, 2014:

One employee was dispatched at 6:35 a.m. to pole 1522 by TA Truck Stop on Industrial Dr. due to a switch blade that was burning. The outage lasted ten minutes and affected five customers. The circuit was energized from another switch. Repairs were made to the faulty switch. Circuits were then put back to normal configuration.

April 28, 2014:

Electric personnel were dispatched at 3:00 p.m. to Q769 County Road 16 due to a power outage. The outage lasted two hours and affected one customer. The outage was due to high winds that made trees fall on the secondary service. The personnel removed the trees and reconnected the secondary service.

Napoleon Power & Light



NAPOLEON POWER & LIGHT



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

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

Napoleon Power & Light

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AMPO Generation

Starting: Ending:

April 1, 2014 0:00 May 1, 2014 0:00



Napoleon Power & Light

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Napoleon, Ohio

2014 ELECTRIC RATE AND **COST OF SERVICE** STUDY

SCOPE OF SERVICES

- Data Acquisition/Verification
- Projected Revenue Requirements Analysis
- Cost of Service Analysis
- Rate Review/Design*

* To Be Completed

May 12, 2014

DATA ACQUISITION/VERIFICATION

- Identify Availability of Information
- Prepare and Submit Data Request
- Review Information and Data Provided
 - Billing Statistics
 - Operational Data
 - Financial Statements/Reports
- Verify the Accuracy of the Information Provided
- Data Provided was Accurate and Consistent

PROJECTED REVENUE REQUIREMENTS ANALYSIS

- 1. Project Energy Sales
- 2. Project Power Supply Requirements and Costs
- 3. Project Revenues at Current Rates
- 4. Project Revenue Requirements
- 5. Determine Overall Revenue Adjustment

1. Project Energy Sales

- Separate Sales by Rate Class
- Normalize Historical Data
- Determine Growth Rates
- Project Sales by Rate Class

SALES GROWTH RATES

Residential Commercial Industrial City Interdepartmental 0.0% 0.0% 0.0%

PROJECTED ENERGY SALES (kWh)

Rate Class	2014	2015	2016
Residential	49,046,400	49,046,400	49,046,400
Commercial	28,593,600	28,593,600	28,593,600
Industrial	73,440,000	73,440,000	73,440,000
City Interdepartmental	5,233,200	5,233,200	5,233,200
Totals	156,313,200	156,313,200	156,313,200

May 12, 2014

2. Project Power Supply Requirements and Costs

- Energy Requirements = Energy Sales + Losses
 - Unbilled Losses $\approx 7\%$
- Includes Projected Cost for All Power Supply Resources, as Provided by AMP
 - NYPA
 - OMEGA JV2, JV5, JV6
 - AMP Hydro I & II
 - AFEC
 - PSEC
- Market

PROJECTED POWER SUPPLY **REQUIREMENTS & COSTS** kWh(1) \$/kWh Year Amount 2014 168,078,710 \$12,007,543 \$ 0.07144 \$12,007,543 \$ 0.07144 2015 168,078,710 \$12,007,543 \$ 0.07144 2016 168,078,710 (1) Includes unbilled losses of 7%.

May 12, 2014

3. Project Revenues at Current Rates

- Project Average Revenues by Rate Class *
 - Residential Commercial Industrial City Interdepartmental
- \$ 0.10961/kWh
- \$ 0.11969/kWh
- \$ 0.08904/kWh
- \$ 0.09103/kWh
- Multiply Energy Sales by Average Revenues
 - * Based on projected Power Supply Costs.

PROJECTED REVENUES AT CURRENT RATES

	kWh	\$/kWh*	Amount
Residential	49,046,400	\$ 0.10961	\$ 5,376,000
Commercial	28,593,600	0.11967	3,422,400
Industrial	73,440,000	0.08904	6,539,400
City Interdepartmental	5,233,200	0.09103	476,400
Totals	156,313,200	\$ 0.10117	\$15,814,200

* Based on projected Power Supply Costs.

4. Project Revenue Requirements

- Cash Basis vs. Utility Basis
- Normalize Historical Data
- Projected Power Supply Costs
 Based on Projected Sales
- Anticipated Changes in Operation
- 2014 Budget
- Reimbursement Shared Expenses

Inflation (3% per year)

May 12, 2014

24. Project Revenue Requirements (Cont.)

- Capital Outlay / Transfers
- Debt Service

May 12, 2014

- Other Income Credits
 - Reimbursements
 - Miscellaneous
 - Other Operating Revenue

PROJECTED REVENUE REQUIREMENTS

	2014	2015	2016
Purchased Power	\$11,187,652	\$11,187,652	\$11,187,652
Other O&M	2,374,911	2,426979	2,480,608
Debt Service	819,891	819,891	819,891
Capital Outlay	160,100	164,223	169,850
Refunds – Misc	15,750	16,223	16,709
Reimbursement	810,930	835,258	860,316
Transfers	300,000	309,000	318,270
Other Income	(244,445)	(244,445)	(244,445)
Net Revenue Req.	\$15,424,789	\$15,515,460	\$15,608,851



5. Determine Overall Revenue Adjustment

 Compare Projected Revenue Requirements to Projected Revenues at Current Rates

DETERMINATION OF OVERALL REVENUE ADJUSTMENT

	Revenue Requirements	Revenues at Current Rates	<u>F</u> _	Revenue Adj Amount	ustment <u>%</u>
2014	\$ 15,424,800	\$ 15,814,200	\$	(389,400)	(2.5%)
2015	15,515,500	15,814,200		(298,700)	(1.9%)
2016	15,608,900	15,814,200		(205,300)	(1.3%)

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2

2

CONCLUSIONS

- Projected Revenues at Current Rates are Sufficient to Meet the Projected Revenue Requirements.
- Revenues Do Not Need to be Increased in Order to Meet the Projected Revenue Requirements.

FUNCTIONALIZED "UNBUNDLED" COST OF SERVICE ANALYSIS

1. Functionalization of Revenue Requirements

2. "Unbundled" Cost of Service Analysis

3. Cost of Service Results

FUNCTIONALIZATION OF REVENUE REQUIREMENTS

- Test Year Revenue Requirements
 - 2015 Test Year
- Categorize Costs by Function
 - Power Supply (Demand/Energy)
 - Delivery Service (Demand/Customer)
 - Consumer Services (Meter Reading/Billing)

"UNBUNDLED" COST OF SERVICE ANALYSIS



May 12, 2014

COST OF SERVICE RESULTS*

Rate Class	Revenue @ Current Rates	Cost of Service Results	Under (0 Recov \$,
Residential	\$ 5,376,017	\$ 5,086,312 \$	(289,705)	(5.4%)
Commercial	3,422,381	3,462,322	39,941	1.2%
Industrial	6,539,425	6,420,288	(119,137)	(1.8%)
City Interdepartmen	tal 476,374	543,539	70,165	14.7%
Totals	\$15,814,196	\$15,515,460 \$	(298,736)	(1.9%)
* Reflects 2015 Test	Year.			

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City of Napoleon, Ohio 2014 Electric Rate Study COST OF SERVICE RESULTS REVENUES VS. COS



CONCLUSIONS

- Except for the City Interdepartmental Customer Class, Existing Revenue Distribution is Very Consistent with the Cost of Service Results.
- In General, the Residential Customer Class is Subsidizing the City Interdepartmental Customer Class.
- To the Extent Practicable, Future Rate Adjustments Should Move Towards the Cost of Service Results.

SUMMARY

- Projected Revenues at Current Rates are Sufficient to Meet the Projected Revenue Requirements
- No Need to Increase Revenues at This Time.
- Except for the City Interdepartmental Customer Class, Revenue Distribution is Consistent with the Cost of Service Results.
- In General, Residential Class is Subsidizing the City Interdepartmental Class.
- Future Rate Adjustments Should Move the Revenue Distribution Towards Cost of Service Results.



Lost of service Model

Exhibit III-1

FUNCTIONALIZATION OF REVENUE REQUIREMENTS 2015 TEST YEAR

										(Delivery Services				Consu	mer (Services
Line			Total		Powe	r Sup	ply				Distribution				Meter		Billing &
No.	Description		Cost(1)		Demand		Energy		Demand	_	kWh Tax		Customer		Reading		Collection
			(a)		(b)		(c)		(d)		(e)		(f)		(g)		(h)
	OPERATING EXPENSES																
1	Personal Services	\$	1,245,394	\$	6,581	\$	0	ę	913,079	S	0	\$	274,190	8	38,876	\$	12,668
2	Travel		70,607		373		0		51,766	-	0		15,545	-	2,204	-	718
3	Purchased Power		11,187,652		5,267,920		5,919,732		0		0		0		0		0
4	Contractual Services		189,335		0		0		132,534		0		47,334		0		9,467
5	Supplies and Materials		282,323		0		0		197,626		0		70,581		0		14,116
6	SUBTOTAL	\$	12,975,310	\$	5,274,874	\$	5,919,732	5	1,295,005	- \$	0	\$	407,650	\$	41,080	\$	36,969
	NON-OPERATING EXPENSES																
7	Capital Outlay	\$	164,903	\$	0	\$	0	5	115.432		0	¢	49,471	S	0	\$	0
8	kWh Tax	*	639,321	Ŷ	ů n	Ŷ	0		0		639,321	÷	-0.471	Ψ	0	φ	0
9	Debt Service - 1998 Series Bond		000,000		0		0		0		000,021		0		0		0
10	Debt Service - JV2		3,830		3,830		ő		0		0		ů n		0		0
11	Debt Service - JV5		773,689		773,689		0 0		0		Ő		n		0		0
12	Debt Service - JV6		42,372		42,372		ů D		0 0		0		ů N		0		0
13	Refunds - Misc		16,223		.1,0,2		ů O		11,356		õ		4,867		ň		0
14	Reimbursement		835,258		0		õ		501,155		ů N		208,814		0		125,289
15	Transfer		309,000		Û		õ		309,000		õ		200,014		0		120,200
16	Total Non-Operating Expenses	\$	2,784,595	\$	819,891	\$	0	\$				\$	263,152	\$	0	\$	125,289
17	GROSS REVENUE REQUIREMENT	s	15,759,905	\$	6,094,765	\$	5,919,732	f	2,231,948	\$	639,321	\$	670,802	\$	41,080	\$	162,257
	LESS: OTHER INCOME																
18	Reimbursement	\$	2,640	\$	1,064	\$	1,034	ţ	390	\$	0	\$	117	\$	7	\$	28
19	Miscellaneous		231,805		93,435		90,752		34,217		0		10,284	•	630		2,487
20	Other Operating Revenue		10,000		4,031		3,915		1,476		0		444		27		107
21	Total Other Income	\$	244,445	\$	98,530	\$	95,701	\$		÷	0	\$	10,844	\$	664	\$	2,623
22	NET REVENUE REQUIREMENTS	\$	15,515,460	\$	5,996,234	\$	5,824,032	\$	5 2,195,866	\$	639,321	\$	659,957	\$	40,416	s	159,634

(1) 2015 Test Year

napolcos xis 25-Apr-14

City of Napoleon, Ohio Electric Rate and Cost of Service Study LABOR & PAYROLL RATIOS

													Consu	mer S	ervices		
Line			Total	-	Power	Supp	aly		Delive	ary Se	ervices		Meter		Billing &		
No.	Description		Cost		Demand		Energy		Demand		Customer		Reading		Collection		Administration
			(a)	-	(b)		(c)	-	(d)		(e)		(f)	• •	(9)		(h)
1	No. of Employees		15														
2	Electric Superintendent	\$	73,608	\$	3,680	\$	0	\$	13,249	\$	11.041	\$	1,472	\$	3,680	\$	40,484
3	Electric Const. Supervisor		68,611		0		0		41,167		24,014	•	0	*	0,000	Ŷ	3.431
4	Dist. Service Supervisor		68,087		0		0		40,852		6,809		3,404		3,404		13.617
5	Serv. Building Secretary		21,894		0		0		0		4,379		0		0		17,515
6	Lead Lineman		66,912		0		0		56,875		10,037		0		ñ		0
7	Lead Lineman		66,497		0		0		56,522		9,975		0		0		Ő
8	Lineman 1st. Class		58,194		0		0		8,729		46,555		2,910		0 0		0
9	Lineman 1st. Class		51,210		0		0		43,529		7,682		0		0 0		0
10	Lineman 1st. Class		5 1,210		0		0		43,529		7.682		0		0 D		0
11	Lineman 2nd Class		43,118		0		0		36,650		6,468		0		ů Ú		D
12	Lineman 2nd Class		48,172		0		0		40,946		7,226		0		0		0
13	Line Clearance Worker		28,413		0		0		24,151		4,262		n n		0		0
14	Substn. Maintainance Specialist		65,268		0		0		62,005		3,263		0		0		0
15	Electrical Engineer Tech.		33,987		0		0		30,588		0		3,399		0		0
16	Electric Service Worker	_	26,395	-	0		0	-	11,878		3,959		10,558		<u>0</u>	-	0
17	Sub-Total Labor	\$	771,576	\$	3,680	\$	0	\$	510,670	\$	153,350	\$	21,743	\$	7,085	\$	75,048
18	Administration		0	-	397		0	-	55,022		16,523		2,343		763		(75,048)
19	System Totals																
20	Labor	\$	771,576	\$	4,077	\$	D	\$	565,692	\$	169,873	\$	24,086	\$	7,848	\$	(0)

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25-Apr-14

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BILLING DETERMINANTS AND UNITS OF SERVICE 2015 TEST YEAR

Line No.	Customer Group	No. of Customers (a)	Customer Weighting Factor (b)	Weighted No. of Customers (c)	Meter Weighting Factor (d)	Weighted No. of <u>Meters</u> (e)	Billing kWh (f)	kWh at Generation Level (1) (g)	Billing kW-Mo (h)	Peak Dema Distribution (i)	nd - kW Power Supply(2) (j)	Average Monthly LF (k)
1	RESIDENTIAL	5,109	t	5,109	1	5,109	49,046,400	55,734,545	n/a	7,998	9,089	70.0%
2	COMMERCIAL	644	2	1,288	5	3,220	28,593,600	29,618,182	n/a	8,160	8,453	40.0%
3	INDUSTRIAL	34	5	170	10	340	73,440,000	77,305,263	154,773	12,898	13,577	65.0%
4	CITY INTERDEPARTMENTAL	89	2	178	2	178	5,233,200	5,420,719	n/a	1,195	1,238	50.0%
5	TOTAL SYSTEM	5,876		6,745		8,847	156,313,200	168,078,710	154,773	30,251	32,356	

(1) Adjusted for losses.(2) Contribution to System Peak Demand

napolcos.xls 25-Apr-14

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COST OF SERVICE RESULTS

							D	elivery Services			Consun	ner S	Services
Line			Powe	r Su	pply			Distribution		_	Meter		Billing &
No.	Description	 Totals	Demand		Energy	Demand		kWh Tax	 Customer	-	Reading	_	Collection
		(a)	(b)		(c)	(d)		(e)	(f)	_	(g)		(h)
	UNITS OF SERVICE												
1	Number		32,356		168,078,710	30,251		156,313,200	6,745		8,847		5,876
2	Units		kW		kWh	kW		kWh	Wt. Cust.		Wt. Meters		Customer
	UNIT COST OF SERVICE												
3	Amount	\$ 15,515,460	\$ 5,996,234	\$	5,824,032	\$ 2,195,866	\$	639,321	\$ 659,957	\$	40,416	S	159,634
4	Unit Cost of Service (\$/Unit)		185.32		0.0347	72.59		0.0041	97.84		4.57		27.17
	Residential												
5	Units of Service		9,089		55,734,545	7,998		49,046,400	5,109		5,109		5,109
6	Cost of Service	\$ 5,086,312	\$ 1,684,402	\$	1,931,237	\$ 580,586	\$	228,066	\$ 499,885	\$	23,340	\$	138,797
7	Billing Units		49,046,400		49,046,400	49,046,400		49,046,400	61,308		61,308		61,308
8	Cost Per Billing Unit		\$ 0.0343	\$	0.0394	\$ 0.0118	\$	0.0047	\$ 8.15	\$	0.38	\$	2.26
	Commercial												
9	Units of Service		8,453		29,618,182	8,160		28,593,600	1,288		3,220		644
10	Cost of Service	\$ 3,462,322	\$ 1,566,454	\$	1,026,288	\$ 592,334	\$	119,017	\$ 126,023	S	14,710	\$	17,496
11	Billing Units		28,593,600		28,593,600	28,593,600		28,593,600	7,728		7,728		7,728
12	Cost Per Billing Unit		\$ 0.0548	\$	0.0359	\$ 0.0207	\$	0.0042	\$ 16.31	\$	1.90	\$	2.26
	Industrial												
13	Units of Service		13,577		77,305,263	12,898		73,440,000	170		340		34
14	Cost of Service	\$ 6,420,288	\$ 2,516,025	\$	2,678,675	\$ 936,218	\$	270,259	\$ 16,633	\$	1,553	\$	924
15	Billing Units		154,773		73,440,000	154,773		73,440,000	408		408		408
16	Cost Per Billing Unit		\$ 16.26	\$	0.0365	\$ 6.05	\$	0.0037	\$ 40.77	\$	3.81	\$	2.26
	City Intergovernmental												
17	Units of Service		1,238		5,420,719	1,195		5,233,200	178		178		89
18	Cost of Service	\$ 546,539	\$ 229,354	\$	187,831	\$ 86,727	\$	21,979	\$ 17,416	\$	813	\$	2,418
19	Billing Units		5,233,200		5,233,200	5,233,200		5,233,200	1,068		1,068		1,068
20	Cost Per Billing Unit		\$ 0.0438	\$	0.0359	\$ 0.0166	\$	0,0042	\$ 16.31	\$	0.76	\$	2.26

πapolcos.xls 25-Apr-14

Exhibit III-4

P.4 of 5

Exhibit III-5

COST OF SERVICE RESULTS VS. REVENUES AT CURRENT RATES

Line	Customer Group	Revenues @ Current Rates	Cost of Service Results		Under(Over) Re \$	covery
No.		 (a)	 (b)		(c)	(d)
1	RESIDENTIAL	\$ 5,376,017	\$ 5,086,312	\$	(289,705)	-5.39%
2	COMMERCIAL	\$ 3,422,381	\$ 3,462,322	\$	39,941	1.17%
3	INDUSTRIAL	\$ 6,539,425	\$ 6,420,288	\$	(119,137)	-1.82%
4	CITY INTERGOVERNMENTAL	\$ 476,374	\$ 546,539	\$	70,165	14.73%
5	TOTAL SYSTEM	\$ 15,814,196	\$ 15,515,460	- ·	(298,736)	-1.89%

napolcos.xls 25-Apr-14

Moving "60,000 Adder to Base Rates:

RE: Updated Revenue Requirement Model

05/02/2014 01:37 PM "John Courtney" <john@courtney-associates.com> From: "Gregory J Heath" <gheath@napoleonohio.com> To: "Roxanne Dietrich" <rdietrich@napoleonohio.com>, "Scott Wieging" <scott@courtney-Cc: associates.com>, "IRELAN, MONICA" <mirelan@napoleonohio.com>, "Dr. Jon A. Bisher" <jbisher@napoleonohio.com> Attachments: 2013-01-JANUARY - WITHOUT \$60K.xls (295.1 kB); 2013-02-FEBRUARY - WITOUT \$60K.xls (297.7 kB); 2013-03-MARCH - WITHOUT \$60K.xls (292.5 kB); 2013-04-APRIL -WITHOUT \$60K.xls (292.5 kB); 2013-05-MAY - WITHOUT \$60K.xls (302.8 kB); 2013-06-JUNE - WITHOUT \$60K.xls (305.9 kB); 2013-07-JULY - WITHOUT \$60K.xls (304.4 kB); 2013-08-AUGUST - WITHOUT \$60K.xls (298.2 kB); 2013-09-SEPTEMBER - WITHOUT \$60K.xls (291.5 kB); 2013-10-OCTOBER - WITHOUT \$60K.xls (286.9 kB); 2013-11-NOVEMBER - WITHOUT \$60K.xls (286.9 kB); 2013-12-DECEMBER - WITHOUT \$60K.xls (298.2 kB);

Greg:

As a follow-up to your comments, I recalculated the PCF excluding the \$60,000 adder for each month of 2013 (see attached spreadsheets) and then compared the revised Generation Charges and Demand Charges to the actual Generation Charges and Demand Charges to determine how much the base rates would need to be increased in order to recover the \$60,000 adder in the same manner as it was actually charged. The results of my calculations are reflected in the spreadsheet titled 'RATES WO \$60K'. The base rate adjustments are reflected on line 63 of my model.

Please note that this analysis merely passes on the \$60,000 adder in the same manner as it is currently being recovered. Arguably, the \$60,000 could be recovered in a different manner, but in theory, this approach would not result in any increase, or decrease in rates for any customer.

Please review this information and let me know what you think.

JTC
Line						ion Charge (\$/kWh) arge Power	Industrial	Demand Charg Large Power	e (\$/kW) Industrial		
No.	Decription/Month	Res/L	nterdept	Commercial	L	arge Power	110030101				
	JANUARY							15.15 \$	17.27		
1	As-Billed	\$	0.08140 \$	0.10018	\$	0.04858 \$	0.04858 \$ 0.04587	15.15 \$	16.30		
2	WO/\$60K	s	0.07686	0.09459 0.00559	د	0.00271 \$	0.00271 \$	0.85 \$	0.97		
3 4	Difference Billing Units	>	4,115,198	2,409,991	*	3,025,972	2,877,924	7,609	5,314		12,429,085
5	Amount	\$	18,683 \$	13,472	\$	8,200 \$	7,799 \$	6,468 \$	5,155	\$	59,777
	FEBRUARY										
6	As-Billed	\$	0.07971 \$	0.09915	\$	0.04923 \$	0.04923 \$	14.14 \$ 13 34	15.46 14.58		
7	WO/\$60K		0.07519	0.09353		0.04643	0.04643	0.80 \$	D.88		
8	Difference	\$	0.00452 \$	0.00562 2,278,470	\$	2,889,684	2,675,341	7,559	5,413		12,388,928
9 10	Billing Units Amount	\$	20,545 \$	12,805	\$	8,091 \$	7,491 \$	6,047 \$	4,763	\$	59,743
11	MARCH As-Billed	\$	0.07757 \$	0.09706	\$	0.05188 \$	0.05188 \$	12.30 \$	13.61		
12	WO/\$60K		0.07316	0.09154	·	0.04893	0.04893	0.70 \$	12.83		
13	Difference	Ş	0.00441 \$		Ş	0.00295 \$ 2,641,342	2,552,115	7,837	5,222		12,552,771
14 15	Billing Units Amount	\$	5,146,538 22,696 \$	2,212,776 12,215	\$	7,792 \$	7,529 \$	5,486 \$	4,073	\$	59,791
15		·									
16	APRIL As-Billed	Ş	0.06358 \$	0.07121	\$	0.04114 \$	0.04114 \$	10.31 \$	12.30		
17	WD/\$60K		0.05937	0.0665		0.03842	0.03842	9.62	11.48		
18	Difference	\$	0.00421 \$		\$	0.00272 \$	0.00272 \$ 3,093,950	0.69 \$ 7,272	0.82 5,436		13,874,997
19	Billing Units		5,380,401	2,330,637 10,977	ć	3,070,009 8,350 \$	3,093,950 8,416 \$	5,018 \$	4,458	\$	59,870
0	Amount	\$	22,651 \$	10'211	Ŷ	ب مەدىرە	., V	-, •			
	MAY	\$	0.07345 \$	0.08864	\$	0.04769 \$	0.04769 \$	12.27 \$	13.65		
21	As-Billed WO/\$60K	÷	0.06896	0.08322		0.04477	0.04477	11.52	12.81		
22 23	Difference	\$	0.00449 \$			0.00292 \$	0.00292 \$	0.75 \$	0.84		12,499,962
24	Billing Units		4,680,364	2,268,540	~	2,771,982	2,779,076 8,115 \$	7,487 5,615 \$	5,552 4,664	ş	12,499,902 59,798
25	Amount	Ş	21,015 \$	12,295	\$	8,094 \$	8,113 3	5,615 5	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	JUNE			0.00004	,	0.04663 \$	0.04663 \$	13.17 \$	15.11		
26	As-Billed	\$	0.07479 \$ 0.07023	0.08884		0.04379	0.04379	12.37	14.19		
7	WO/\$60K Difference	\$	0.00456 \$			0.00284 \$	0.00284 \$	0.80 \$	0.92		42 422 622
28 29	Billing Units	Ŧ	4,522,271	2,155,216		3,017,697	2,777,439	7,494	5,330 4,904	5	12,472,623 59,638
30	Amount	\$	20,622 \$	11,660	Ş	8,570 \$	7,888 \$	5,995 \$	4,504	7	55,500
	JULY						0.05150 \$	13.33 \$	14.08		
31	As-Billed	\$	0.08182 \$			0.05150 \$ 0.04843	0.04843	12.53	13.24		
32	WO/\$60K	~	0.07694	0.0964		0.00307 \$	0.00307 \$	0.80 \$	0.84		
33	Difference	\$	3,592,042	2,132,269		3,001,164	2,958,628	7,995	5,330		11,684,103
34 35	Billing Units Amount	\$	17,529 \$			9,214 \$	9,083 \$	6,396 \$	4,477	\$	59,727
	AUGUST										
36	As-Billed	\$	0.08713 \$			0.05623 \$	0.05623 \$	12.35 \$ 11.68	12.92 12.22		
37	WO/\$60K		0.08241	0.0997		0.05318 0.00305 \$	0.05318 0.00305 \$	0.67 \$	0.70		
38	Difference	\$	0.00472	\$ 0.00577 2,229,241		3,159,748	3,145,132	8,115	5,480		12,449,806
39 40	Billing Units Amount	\$	3,915,685 18,482 \$			9,637 \$	9,593 \$	5,437 \$	3,836	\$	59,736
40											
41	SEPTEMBER As-Billed	\$	0.08226			0.05605 \$	0.05605 \$		11.46 10.85		
42	WO/\$60K		0.07793	0.0930		0.0531	0.0531	10.22			
43	Difference	\$	0.00433			0.00295 \$ 3,155,785	2,869,856	8,938	5,358		13,325,618
44 45	Billing Units Amount	\$	4,904,386 21,236	2,395,591 \$ 12,385		9,310 \$	8,466 \$			\$	59,617
40		*									
	OCTOBER As-Billed	\$	0.07788			0.05370 \$	0.05370 \$				
AF		Ŧ	0.07377	0.0897	2	0.05086	0.05086	10.77	11.66 0.65		
46 47				\$ 0.0050		0.00284 \$ 3,414,056	0.00284 \$ 3,126,136	0.60 \$ 8,634	5,497		13,874,506
46 47 48	WO/\$60K Difference	\$	0.00411			4 71 14 1156	3.1.0.130			\$	
47 48 49	WO/\$60K Difference Billing Units		4,744,511	2,589,803		9,696 \$	8,878 \$	5,180 \$		ş	59,777
47	WO/\$60K Difference	\$ \$		2,589,803				5,180 \$.,	\$	59,777
47 48 49 50	WO/\$60K Difference Billing Units Amount NOVEMBER	\$	4,744,511 19,500	2,589,803 \$ 12,945	\$			10.54 \$	11.31	ş	59,777
47 48 49 50 51	WO/\$60X Difference Billing Units Amount NOVEMBER As-Billed		4,744,511	2,589,803 \$ 12,945 \$ 0.0879 0.0831	4 \$ <u>2</u>	9,696 \$ 0.05040 \$ 0.04764	8,878 \$ 0.05040 \$ 0.04764	10.54 \$ 9.96	11.31 10.69	\$	59,777
47 48 49 50	WO/\$60K Difference Billing Units Amount NOVEMBER	\$	4,744,511 19,500 0.07512 0.0710 0.00412	2,589,803 \$ 12,945 \$ 0.0879 0.0831 \$ 0.0048	4 \$ 2 <u>2</u> 2 \$	9,696 \$ 0.05040 \$ 0.04764 0.00276 \$	8,878 \$ 0.05040 \$ 0.04764 0.00276 \$	10.54 \$ <u>9.96</u> 0.58 \$	11.31 10.69 0.62	ş	59,777 14,148,410
47 48 49 50 51 52 53 54	WO/\$60X Difference Billing Units Amount NOVEMBER As-Billed WO/\$60K Difference Billing Units	\$ \$ \$	4,744,511 19,500 0.07512 0.0710 0.00412 4,706,237	2,589,803 \$ 12,945 \$ 0.0879 0.0831 \$ 0.0048 2,849,116	4 \$ 4 \$ 2 \$	9,696 \$ 0.05040 \$ 0.04764 0.00276 \$ 3,516,637	8,878 \$ 0.05040 \$ 0.04764	10.54 \$ 	11.31 10.69 0.62 5,285	\$	14,148,410
47 48 49 50 51 52 53 54	WO/\$60X Difference Billing Units Amount NOVEMBER As-Billed WO/\$60K Difference	\$	4,744,511 19,500 0.07512 0.0710 0.00412	2,589,803 \$ 12,945 \$ 0.0879 0.0831 \$ 0.0048 2,849,116	4 \$ 4 \$ 2 \$	9,696 \$ 0.05040 \$ 0.04764 0.00276 \$	8,878 \$ 0.05040 \$ 0.04764 0.00276 \$ 3,076,426	10.54 \$ 	11.31 10.69 0.62 5,285		14,148,410
47 48 49 50 51 52 53 54 55	WO/\$60X Difference Billing Units Amount NOVEMBER As-Billed WO/\$60K Difference Billing Units Amount DECEMBER	\$ \$ \$	4,744,511 19,500 0.07512 0.0710 0.00412 4,706,237 19,390	2,589,803 \$ 12,945 \$ 0.0879 0.0831 \$ 0.0048 2,849,110 \$ 13,733	4 \$ 2 2 \$ 3 \$	9,696 \$ 0.05040 \$ 0.04764 0.00276 \$ 3,516,637 9,706 \$	8,878 \$ 0.05040 \$ 0.04764 0.00276 \$ 3,076,426	10.54 \$ 9.96 0.58 \$ 8,842 5,128 \$	11.31 10.65 0.62 5,285 3,277 14 67		14,148,410
47 48 49 50 51 52 53 54 55 55	WO/\$60X Difference Billing Units Amount NOVEMBER As-Billed WO/\$60X Difference Billing Units Amount DECEMBER As-Billed	\$ \$ \$	4,744,511 19,500 0.07512 0.0710 0.00412 4,706,237	2,589,803 \$ 12,945 \$ 0.0879 0.0831 \$ 0.0048 2,849,110 \$ 13,733	4 \$ 2 2 \$ 3 \$	9,696 \$ 0.05040 \$ 0.00276 \$ 3,516,637 9,706 \$ 0.05139 \$ 0.05435	8,878 \$ 0.05040 \$ 0.04764 0.00276 \$ 3,076,426 8,491 \$ 0.05139 \$ 0.04835	10.54 \$ 9.96 0.58 \$ 8,842 5,128 \$ 12.54 \$ 11.79	11.31 10.69 0.62 5,285 3,277 14 67 13 81		14,148,410
47 48 49 50 51 52 53 54 55 55 56 57	WO/\$60X Difference Billing Units Amount NOVEMBER Ass-Billed WO/\$60K Difference Billing Units Amount DECEMBER As-Billed WO/\$60K	\$ \$ \$	4,744,511 19,500 0.07512 0.0710 0.00412 4,706,237 19,390 0.07728	2,589,803 5 12,945 5 0.0879 0.0831 5 0.0048 2,849,114 5 13,733 5 0.0944 0885 5 0.0055	4 \$ 22 \$ 3 \$ 19 \$ 19 \$	9,696 \$ 0.05040 \$ 0.04764 0.00276 \$ 3,516,637 9,706 \$ 0.05139 \$ 0.04835 0.00304 \$	8,878 \$ 0.05040 \$ 0.04764 0.00276 \$ 3,076,426 8,491 \$ 0.05139 \$ 0.04835 0.00304 \$	10.54 \$ 9.96 0.58 \$ 8,842 5,128 \$ 12.54 \$ 11.79 0.75 \$	11.31 10.69 0.62 5,285 3,277 14 67 13.81 0.86		14,148,410 59,724
47 48 49 50 51 52 53 54 55 56	WO/\$60X Difference Billing Units Amount NOVEMBER As-Billed WO/\$60X Difference Billing Units Amount DECEMBER As-Billed	\$ \$\$ \$\$	4,744,511 19,500 0.07512 0.00710 0.00412 4,706,237 19,390 0.07728 0.07728 0.00457 3,583,780	2,589,803 5 12,945 5 0.0879 0.0831 5 0.0048 2,849,110 5 13,733 5 0.0944 - 0.0885 5 0.0055 2,552,411	4 \$ 22 \$ 3 \$ 19 \$ 19 \$ 19 \$	9,696 \$ 0.05040 \$ 0.04764 0.00276 \$ 3,516,637 9,706 \$ 0.05139 \$ 0.04835 0.00304 \$ 3,109,103	8,878 \$ 0.05040 \$ 0.04764 0.00276 \$ 3,076,426 8,491 \$ 0.05139 \$ 0.04835 0.00304 \$ 3,045,850	10.54 \$ 9.96 0.58 \$ 8,842 5,128 \$ 12.54 \$ 11.79 0.75 \$ 7,876	11.31 10.69 0.62 5,285 3,277 14 67 13 81 0.86 5,270		14,148,410 59,724 12,291,147
47 48 49 50 51 52 53 54 55 55 56 57 58	WO/\$60X Difference Billing Units Amount NOVEMBER As-Billed WO/\$60X Difference Billing Units Amount DECEMBER As-Billed WO/\$60X Difference	\$ \$\$ \$	4,744,511 19,500 0.07512 0.0710 0.00412 4,706,237 19,390 0.07728 0.07728 0.07271 0.00457	2,589,803 5 12,945 5 0.0879 0.0831 5 0.0048 2,849,110 5 13,733 5 0.0944 - 0.0885 5 0.0055 2,552,411	4 \$ 22 \$ 3 \$ 19 \$ 19 \$ 19 \$	9,696 \$ 0.05040 \$ 0.04764 0.00276 \$ 3,516,637 9,706 \$ 0.05139 \$ 0.04835 0.00304 \$	8,878 \$ 0.05040 \$ 0.04764 0.00276 \$ 3,076,426 8,491 \$ 0.05139 \$ 0.04835 0.00304 \$	10.54 \$ 9.96 0.58 \$ 8,842 5,128 \$ 12.54 \$ 11.79 0.75 \$ 7,876	11.31 10.69 0.62 5,285 3,277 14 67 13 81 0.86 5,270	\$	14,148,410 59,724 12,291,147
47 48 49 50 51 52 53 54 55 56 57 58 59 60	WO/S60X Difference Billing Units Amount NOVEMBER As-Billed WO/S60K Difference Billing Units Amount DECEMBER As-Billed WO/S60K Difference Billing Units Amount TOTAL	\$ \$\$ \$\$	4,744,511 19,500 0.07512 0.0710 0.00412 4,706,237 19,390 0.07728 0.077728 0.077728 3,583,780 16,378	2,589,803 5 12,945 5 0.0879 0.0831 5 0.0048 2,849,114 5 13,733 5 0.0944 0.0885 5 0.0055 2,552,411 5 14,265	4 \$ 22 \$ 3 \$ 19 \$ 19 \$ 19 \$ 19 \$	9,696 \$ 0.04764 0.00276 \$ 3,516,637 9,706 \$ 0.05139 \$ 0.04835 0.00304 \$ 3,109,103 9,452 \$	8,878 \$ 0.05040 \$ 0.04764 3,076,426 8,491 \$ 0.05139 \$ 0.04835 0.00304 \$ 3,045,850 9,259 \$	10.54 \$ 9.96 0.58 \$ 8,842 5,128 \$ 12.54 \$ 11.79 0.75 \$ 7,876 5,907 \$	11.31 10.69 0.62 5,285 3,277 14 67 13.81 0.86 5,270 4,532	\$	14,148,410 59,724 12,291,147 5 59,796 5 716,994
47 48 49 50 51 52 53 54 55 55 56 57 58 59	WO/S60X Difference Billing Units Amount NOVEMBER As-Billed WO/S60K Difference Billing Units Arnount DECEMBER As-Billed WO/S50K Difference Billing Units Arnount	\$ \$\$ \$\$	4,744,511 19,500 0.07512 0.00710 0.00412 4,706,237 19,390 0.07728 0.07728 0.00457 3,583,780	2,589,803 5 12,945 5 0.0879 0.0831 5 0.0048 2,849,114 5 13,733 5 0.0944 0.0885 5 0.0055 2,552,411 5 14,265	4 \$ 2 \$ 2 \$ 3 \$ 19 \$ 19 \$ 19 \$ 4 8 \$ 8 \$	9,696 \$ 0.05040 \$ 0.04764 0.00276 \$ 3,516,637 9,706 \$ 0.05139 \$ 0.04835 0.00304 \$ 3,109,103	8,878 \$ 0.05040 \$ 0.04764 0.00276 \$ 3,076,426 8,491 \$ 0.05139 \$ 0.04835 0.00304 \$ 3,045,850	10.54 \$ 9.96 0.58 \$ 8,842 5,128 \$ 12.54 \$ 11.79 0.75 \$ 7,876 5,907 \$ 5,907 \$	11.31 10.69 0.62 5,285 3,277 14.67 13.81 0.86 5,270 4,532 5,0926 64,487	\$	14,148,410 59,724 12,291,147 5 59,796



To:Dr. Jon Bisher, City ManagerFrom:Marc S. Gerken, P.E., President/CEOSubject:AMPGS Stranded Cost Payment OptionsDate:April 16, 2014

The purpose of this memo is to inform you, as a participant in the AMPGS project, the City of Napoleon's net AMPGS liability for stranded costs currently held on AMP's revolving line of credit facility (LOC) at March 31, 2014, including any payments made by the City, is \$820,991.00 (please see **Attachment A**). Stranded costs are subject to change, including future borrowings costs on the LOC. That amount does not include allocation of the \$34,881,074 Plant Held for Future Use potential liability.

Subject to the continued renewal of the LOC, AMP is prepared to assist the City with a payment plan of your choosing for a payback period of up to 15 years. The City may choose to include these payments as part of their monthly power invoice from AMP or pay their respective AMPGS liability in one or several lump sum payments. AMP prefers that these amounts would be invoiced to your municipality through the AMP monthly power supply invoices in order for these costs be recovered through your power cost adjustment. Please utilize **Attachment B** to this memo to make your selection, being sure an authorized signatory executes the document and returning **Attachment B** to the attention of Marty Engelman (mengelman@amppartners.org, 614-540-0851) at AMP headquarters, 1111 Schrock Rd, Columbus, OH 43229 by June 1, 2014.

AMP would like to emphasize the expectation that whatever payment option is chosen, the payment option should not cause the Electric Fund to exhibit an annual operating loss at any time during the payment period or cause the municipality to fail any covenants for its own debt service, AMP Joint Venture (JV) debt service if a participant in a JV, or reflect unfavorably on the municipal's AMP project participation.

As you have questions in deciding your payment options or would like assistance in determining the potential effects on your Electric Fund of a particular payment option under consideration, please contact Chris Deeter (cdeeter@amppartners.org, 614-540-0848) at AMP.

ATTACHMENT A PAGE 1 OF 1

	Original Ordinance kW	AFEC Allocation kW	AMPGS Stranded Costs	AMPGS AFEC Credit	AMPGS Plt held future use Credit	Less Municipal Payments	Net AMPGS Stranded Liability
Napoleon	12,000	6,650	2,078,311	(714,622)	(542,698)	-	820,991
Plus: Potential P	lant Held for	r Future Use	e Liability				542,698
					Total		1,363,689

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We ask that you please complete this form and return to the attention of Marty Engelman (<u>mengelman@amppartners.org</u>, 614-540-0851) at AMP headquarters, 1111 Schrock Rd, Columbus, OH 43229 by June 1, 2014.

Options for Payment of AMPGS Sunk Costs (More than one option can be selected) also Options (after contacting AMP) may be modified in the future as necessary:

Option A – Single Lump Sum Payment \$_____ Month and Year_____

□ Option B – Multiple Lump Sum Payments through power supply invoices up to 15 years

-Please include in monthly power supply invoice(s) during year(s) as indicated below:

	\$ per Month in Year
	\$ per Month in Year
	\$ per Month in Year
	\$ per Month in Year
\square	\$ per Month in Year
	\$ per Month in Year
	\$ per Month in Year
	\$ per Month in Year
\square	\$ per Month in Year
	\$ per Month in Year
\square	\$ per Month in Year
\Box	\$ per Month in Year
\square	\$ per Month in Year
	\$ per Month in Year
	\$ per Month in Year

□ Option C – Multiple Lump Sum Payments, separately invoiced up to 15 years

-Please send a separate monthly or annual invoice(s) during year(s) as indicated below:

□\$	per Month or Annual	in Year
□\$	per Month or Annual	in Year
□ \$	per Month or Annual	in Year
□ \$	per Month or Annual	_ in Year
□\$	per Month or Annual	_ in Year
□ \$	per Month or Annual	_ in Year
□ \$	per Month or Annual	in Year
□\$	per Month or Annual	in Year
□\$	per Month or Annual	_ in Year
□ \$	per Month or Annual	in Year
□\$	per Month or Annual	in Year

C \$	per Month or Annual	in Year
□\$	per Month or Annual	in Year
C \$	per Month or Annual	in Year
□\$	per Month or Annual	in Year

If there is a desire to pay on your municipality's Plant Held for Future Use potential liability, please contact Chris Deeter (<u>cdeeter@amppartners.org</u>, 614-540-0848) at AMP for assistance and payment arrangements.

If you want to make any other payment arrangements, also please contact Chris Deeter (<u>cdeeter@amppartners.org</u>, 614-540-0848) at AMP for assistance with alternate payment arrangements.

Community

Authorized Representative Name (Printed)

Authorized Representative Signature

Date

AMP statement on AMPGS Bechtel litigation

Late in the afternoon of Monday, March 31 AMP received the Federal Court's 41-page decision denying in part and granting in part Bechtel's Motion for Summary Judgment regarding the legal suit between AMP and Bechtel stemming from the AMPGS project.

As a reminder, in November 2009, AMP, based on the directive of the project participants and the Board of Trustees, cancelled the AMPGS project and terminated its contract with Bechtel Power with cause following an unanticipated October 2009 "surprise" increase of approximately \$1 billion in the indicative estimated price of the project. The legal suit was filed in February 2011 from Bechtel's August 2008 and May 2009 estimates. A major issue in the case was whether Bechtel acted wantonly or recklessly in performing under the contract. AMP argued that under either standard Bechtel should not get the benefit of the contract's limitation of liability provision and was entitled to nearly \$100 M in damages.

Based on our initial review of the decision, the Court found it should apply the higher "wanton" or "no care whatsoever" standard to Bechtel's conduct rather than the lower "reckless" standard defined as the "conscious disregard of or indifference to a known or obvious risk of harm to another which is unreasonable under the circumstances," as AMP had argued. The Court found that Bechtel was required to trend its similar project information and that Bechtel never did so. Despite recognizing that Bechtel failed to perform various trend related contractual obligations including a complete failure to trend its indicative estimate with information from similar projects as it was obligated to do and Bechtel failed to trend its price impacts as early as it should, the Court nonetheless found Bechtel did trend "some" items, which demonstrated "some" care, and therefore, the Court could not find that Bechtel exercised "no care whatsoever." As a result, the Court found that despite Bechtel's failure to comply with its contractual trend obligations, the contract's limitation of liability clause must be enforced, limiting any damage recovery to \$500,000.00. Limitation of liability clauses are standard in such contracts.

AMP believes the Court applied the wrong, higher standard, and also believes the evidence showed that under either standard AMP should have prevailed; because Bechtel did exercise "no care whatsoever", as concluded in the report of AMP's expert witness. AMP claimed that conduct directly resulted in the AMPGS cancellation after AMP had incurred significant expenses in reliance upon Bechtel's earlier, deficient price estimates.

AMP's General Counsel John Bentine stated that, "We agree with the Court's findings that Bechtel failed in a material way to perform very important contractual trending obligations. We are, however, obviously extremely disappointed by the Court's decision that Bechtel's failures to perform are "protected" by the contract's limitation of liability provision. AMP Executive Management and Litigation Counsel are analyzing the decision and our options in order to formulate further steps to recommend to the AMP Board of Trustees and the AMPGS participants, who will make those determinations."

If you have questions, please contact Kent Carson, sr. director of media relations and communications program at 614-540-0842 or kcarson@amppartners.org.

AMPGS Local Government Participant Accounting & Disclosure

In November 2009, certain Ohio governments participating in the AMP Generating Station Project ("the AMPGS Project") voted to terminate the development of a coal power plant in Meigs County. In August 2010, the AMPGS participants voted to convert the AMPGS Project to a Natural Gas Combined Cycle Plant. In February 2011, the participants suspended development of the Natural Gas Combined Cycle Plant.

The AMPGS project participants signed "take or pay" contracts with AMP. As such, project participants are contractually obligated to pay any costs incurred for the project. We understand that AMP has reported to the participants approximately \$86 million in total "stranded costs" as part of their obligations under the "take or pay" contracts. AMP is working with the AMPGS project participants to establish a formal plan for recovery on a participant-by-participants. To date, we understand there has not been a determination of the final costs for the AMPGS participants. AMP is pursuing legal claims against the construction contractor and has identified other revenue / credits that might offset certain participants' obligations.

Because of the differing circumstances of each Ohio governmental participant's investment in the AMPGS Project, it is not possible to determine a common method of accounting and disclosure applicable to all participants. Accordingly, each government must assess the facts and circumstances of its past and expected transactions related to the AMPGS Project and determine its accounting under generally accepted accounting principles or other basis of accounting used to present its annual financial statements. We encourage each government to assess all facts relevant to their particular situation and consult with legal counsel and other experts in determining the accounting and disclosure of these matters.

Potentially Applicable Accounting Guidance:

1. GASB 62 Contingencies:

¶ 102 An estimated loss from a loss contingency (as defined in paragraph 96) should be accrued if both of the following conditions are met:

a. Information available prior to issuance of the financial statements indicates that it is probable that an asset had been impaired or a liability had been incurred at the date of the financial statements. It is implicit in this condition that it should be probable that one or more future events will occur confirming the fact of the loss.

b. The amount of loss can be reasonably estimated.

¶ 104 When condition (a) in paragraph 102 is met with respect to a particular loss contingency and the reasonable estimate of the loss is a range, condition (b) in paragraph 102 is met and an amount should be accrued for the loss. When some amount within the range appears at the time to be a better estimate than any other amount within the range, that amount should be accrued. When no amount within the range is a better estimate than any other amount, however, the minimum amount in the range should be accrued. In addition, paragraph 106 may require disclosure of the nature and, in some circumstances, the amount accrued, and paragraph 107 requires disclosure of the nature of the contingency and the additional exposure to loss if there is at least a reasonable possibility of loss in excess of the amount accrued.

¶ 107 If no accrual is made for a loss contingency because one or both of the conditions in paragraph 102 are not met, or if an exposure to loss exists in excess of the amount accrued pursuant to the provisions of paragraph 102, disclosure of the contingency should be made when there is at least a reasonable

possibility that a loss or an additional loss may have been incurred. The disclosure should indicate the nature of the contingency and should give an estimate of the possible loss or range of loss or state that such an estimate cannot be made. . .

2. Recognizing losses on take or pay contracts, per GASB 62, ¶200:

Net Losses on Firm Purchase Commitments

The recognition in a current period of losses arising from the decline in the utility of inventory is equally applicable to similar losses that are expected to arise from firm, *uncancelable*, and unhedged *commitments* for the future purchase of inventory items. The net loss on such commitments should be measured in the same way as are inventory losses and should be separately recognized in the flows statement. The utility of such commitments is not impaired, and, therefore, there is no loss when the amounts to be realized from the disposition of the future inventory items are adequately protected by firm sales contracts or when there are other circumstances that reasonably assure continuing sales without price decline.

- (FASB Cod. 440-10-15 explains why "take or pay" contracts" can create "uncancelable commitments", as described above. Electricity the AMPGS project would have generated is "inventory" in this circumstance.)
- 3. **Per GASB 55, ¶5,** we believe the following is applicable "other accounting literature," relevant to determining whether a participant may net potential "AMP credits" (such as amounts from the Fremont / AFEC project) against the stranded costs. Unless the following applies, governments must report AMP credits separately from AMPGS stranded costs, and may not net (i.e. "offset") them.

Accounting Standards Codification Topic 210-20, Offsetting:

The general principle is that it is not proper to offset assets and liabilities in the balance sheet, unless a right of offset exists (if all of the following are satisfied):

- A. Amounts of debt are determinable
- B. Reporting entity has the "right" to setoff
- C. The right is enforceable by law
- D. Reporting entity has the "intention" to setoff.
- 4. Finally, GASB 62, ¶ 476 500 explains the requirements necessary to record a regulatory asset when a government-regulated utility intends to recover costs from future electric rate increases.

Disclosures:

- 1. Description of the AMPGS project, including:
 - a. The participant's share of kW and its share of incurred project costs (i.e. stranded costs).
 - b. Circumstances causing the project's termination, and date terminated.
 - c. Management's assessment of communications received from AMP and others regarding risks and uncertainties.
- 2. Amounts the government believes reduce its share of stranded costs, and reasons supporting why these reductions are recoverable
 - a. Governments may choose to disclose the amount and nature of "credits" AMP is offering to reduce the maximum at-risk (i.e. stranded) amount, if evidence supports the government has a legally-enforceable right to these credits.
 - b. Description of why these credits reduce the amount at risk.
 - c. Whether the government recorded any of these credits in its financial statements as of December 31, 2011.

- d. Whether the government intends to offset (i.e. net) its gross at-risk amount with available credits.
 - i. Governments cannot accrue or disclose these credits as a reduction of stranded costs unless the credits satisfy **the right of offset** described in the accounting guidance above.
 - ii. Note the right of offset exists only if enforceable by law. Determining legal enforceability requires legal expertise. It is not an accounting determination.
 - iii. Otherwise, governments must account for these credits separately from the maximum atrisk amount (i.e. must account for credits and the at-risk maximum amounts *gross* instead of *netting* them).
- 3. Management's rationale for its accounting treatment:
 - a. The rationale for not recording total stranded costs as a current expense.
 - b. If the government has paid amounts to AMP:
 - i. Amount and when paid
 - ii. Management's rationale supporting the accounting applied to the payment, such as <u>why</u> reported as:
 - 1. Debit to expense (or partially expensed, such as the minimum amount in GASB 62 ¶ 104)
 - 2. Debit to regulatory asset
 - a. Why and how the government will meet the requirements of GASB 62 ¶ 476 --- 500 to record this amount as a regulatory asset
 - 3. Debit to prepayment / deposit
 - 4. Debit to loan to AMP
 - a. Interest earned through Dec. 31, 2011 on the prepayment or loan
 - 5. The amount credited as a liability and how management determined this amount
 - a. Or why management believes GAAP does not require reporting a liability as of Dec. 31, 2011
 - c. Experts upon which management relied in determining their accounting treatment, such as:
 - i. The government's legal counsel's assessment of the lawsuit
 - ii. Information from AMP the government is relying on
 - iii. Advice from other parties (if any) the government relied on in determining its accounting
 - d. Reasons supporting why AMP credits or alternative uses of project assets legitimately reduce the government's stranded costs.
 - e. Evidence supporting that the right to any credits is legally enforceable.
- 4. If the government (a) has covenants related to this matter (such as debt service covenants related to AMP joint ventures) and (b) did not record an expense and liability for its maximum "at risk" amount as a 2010 or 2011 expense and liability:
 - a. Disclose the amount of stranded costs that, if added to 2011 expenses, would have caused a covenant violation.
- 5. If future events require the government to pay amounts in the future, how it intends to finance these costs.
 - a. Record a regulatory asset and build the cost into future electric rates
 - b. Pay from accumulated earnings without adjusting rates
 - c. Issue debt
 - d. Other

We encourage governments to review all the above matters diligently and thoroughly, because any oversight or misuse of facts discovered subsequent to issuing financial statements is cause for restating and reissuing them.

Governments must provide their auditors with sufficient, appropriate evidence to support amounts and disclosures related to the AMPGS project. Verbal assertions are likely insufficient evidence to support most of the matters described above. A lack of sufficient evidence would require auditors to consider whether there was a restriction on the audit's scope.

City of Napoleon, Ohio

BOARD OF PUBLIC AFFAIRS (BOPA)

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

Meeting Agenda

Monday, May 12, 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 May: Generation Charge: Residential @ \$0.08677; Commercial @ \$0.10393; Large Power @ \$0.05563; Industrial @ \$0.05563; Demand Charge Large Power @ \$14.36; Industrial @ \$15.02; JV Purchased Cost: JV2 @ \$0.04804; JV5 @ \$0.04804
- III. Electric Department Report
- IV. Review of Electric Rates with Courtney & Associates
- V. Review of AMPGS Settlement
- VI. Review of VanHyning I/I Study
- VII. 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, April 14, 2014 at 6:30 PM

PRESENT	
Members	Keith Engler – Chair, Mike DeWit, Dr. David Cordes
Electric Committee	Travis Sheaffer – Chair (arrived at 6:32 pm), Jason Maassel, Jeff
	Comadoll (substitute), John Helberg (arrived at 6:50 pm)
Water, Sewer Committee	Chris Ridley - Chair, Jeff Comadoll, John Helberg
City Staff	Ronald A. Behm, Mayor (arrived at 7:13 pm)
•	Dr. Jon A. Bisher, City Manager
	Monica S. Irelan, Assistant City Manager
	Dennis Clapp, Electric Superintendent
	Trevor M. Hayberger, Law Director
	Gregory J. Heath, Finance Director/Clerk of Council
Recorder	Tammy Fein
Others	Media, Carey Lange
ABSENT	
Call To Order	Chairperson Engler called the meeting to order at 6:30 pm.
	Committee member Maassel called the meeting to order at 6:30 pm.
Approval Of Minutes	The March 10 meeting minutes stand approved as presented with no
	objections or corrections.
Review Of Billing Determinants	The electric billing determinants for April were presented for review.
	 Heath reported that the JV5 determinant reflects the credit received for prepayment on the debt limitation process; this information was distributed in the packet; see attached. Heath added that this is the second payment on the levelization program that runs through March 2015, with this payment totaling \$120,000 however the payments fluctuate between \$120,000 and approximately \$180,000, and in April of 2015 a credit will be received. Cordes asked the amount of interest received on these payments; Heath replied that a trust account was opened with US Bank and according to the last statement, the interest rate is approximately 0.02%. DeWit added that the options of where to place the funds are limited, as it cannot be placed in
	commodities. Heath reported that currently there is \$310,000 in the account and \$6.43 was earned in interest.
Motion To Recommend Approval Of Electric Billing Determinants	Motion: DeWitSecond: CordesTo recommend approval of electric billing determinants for April 2014 asfollows:Generation Charge: Residential @ \$0.06700; Commercial @ \$0.07470;Large Power @ \$0.04226; Industrial @ \$0.04226; Demand Charge LargePower @ \$11.28; Industrial @ \$13.22; JV Purchased Cost: JV2 @\$0.06643; JV5 @ \$0.06643.

Passe	ed
Yea-	3
Nay-	0

Motion To Accept BOPA Recommendation For Approval Of Electric Billing Determinants

Passed Yea- 3 Nay- 0

Electric Department Report



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

Motion: Maassel Second: Comadoll To accept the BOPA recommendation for approval of electric billing determinants for April 2014 as follows: Gener]ation Charge: Residential @ \$0.06700; Commercial @ \$0.07470; Large Power @ \$0.04226; Industrial @ \$0.04226; Demand Charge Large Power @ \$11.28; Industrial @ \$13.22; JV Purchased Cost: JV2 @ \$0.06643; JV5 @ \$0.06643.

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

Clapp gave the Electric Department Report (attached).

Maassel asked if the crews drove in the lawns behind the residences in Riviera Heights; Clapp replied the lawns are driven in only when necessary, and any ruts that are made by the trucks are fixed; Clapp added that equipment pads were purchased to help decrease the number of ruts made when driving in the lawn is necessary.

Engler asked if additional precautions were taken at the area near WalMart that has significantly decreased the number of geese flying into the power lines; Clapp replied that the harsh winter may have thinned out the numbers of geese, and the six (6) foot cross arms were replaced with ten (10) foot cross arms to keep the wires from coming together if hit. Bisher added that he and Irelan observed the Electric Department software used at Police Dispatch to track power outages and it will be very helpful in tracking the number of outages associated with each incident; Clapp added that he is having a touchscreen installed in his office to monitor the incidents, and the software will automatically call the residents back to ensure the power has been restored and change the status on the screen, this will help to ensure that no resident is left without power. DeWit asked how to get on the list for callback through this system; Bisher replied there is a call number that will be distributed with the bills. Clapp stated that the outages can now be tracked with only a few residents calling in instead of everyone who was without power; Bisher added this system will work with all numbers, both landline and cell phones. Clapp stated that residents who are not Napoleon Power customers will still be able to call in to the Police Department and the Dispatcher will enter the address into the system to be tracked; DeWit warned that residents should be careful when doing this, as the Napoleon Police Department Dispatchers will enter the information into the system however the Sheriff's Department Dispatchers will not; Bisher agreed.

Clapp stated the EfficiencySmart Program has been successful recently, however the representative for the Program, Marvin Davis, has been let go due to downsizing; Carl Andre will take over the program. Clapp stated that Andre originated the program with the City and will be a fit

	replacement; a meeting will be scheduled with Andre for all who would like to attend.
Review Of Electric Rates	Bisher stated the review of the full Cost of Service Study with Courtney & Associates, including rate structure, will take place at the May 12 meeting.
<image/>	Sheaffer reported that many City projects are funded by tax free municipal bonds; the Federal Government issues Build America Bonds in which the Government would pay the interest rate on the bond; Heath added that these were fully taxable bonds with the interest reimbursed by the Federal Government. Sheaffer reported that the sequestration of these bonds that began in 2008 was extended to fund COLAs for Veterans. Heath explained that this means the City is not being reimbursed by the Federal Government, meaning that the entity which originally borrowed the money must now produce the additional funds to pay the interest as well. Sheaffer reported that AMP stated if the funds were continued to be sequestered, this would result in \$63,000,000 in reduced credit payment to AMP for bonds issued to finance Prarie State, the combined hydros, and the Meldahol hydro projects. AMP is requesting the City to contact the US Representatives and Senators regarding this issue; Sheaffer has a sample document to distribute to anyone who is interested. DeWit suggested that the cost per City customer should be highlighted in the correspondence to better show the message of who is being affected by the sequestration. Bisher stated that Congress suggested speaking with the Office of Management and Budget, who in turn suggested speaking with the Representatives and Senators. Bisher stated he would research the percentages of these projects in the City's portfolio and carry the message to AMP. Cordes asked the sequestration perentage; Heath replied that the City had Revenue Zone Economic Development Bonds on the sewer issue with a rate of 45% because the bonds qualified for an extra 10%, of that, the shortage is 8.7%. Heath is having the issue evaluated; adding that when the Government backtracked on its promise to pay, the term of the bond was voided, making the bond immediately callable. Heath is researching interest rates, and if a more favorable rate can be reached, Heath will bring the bond before Council for approval.
Electric Motion To Adjourn	Motion: Maassel Second: Comadoll
Passed Yea- 3	Roll call vote on above motion: Yea- Sheaffer, Maassel, Comadoll

Nay-0

WSRRL Call To Order

Approval Of Minutes

Sewer Lateral Cost And Responsibility Nay-

Chairperson Ridley called the meeting to order at 7:08 pm.

The February 10 meeting minutes stand approved as presented with no objections or corrections.

Bisher stated that the sewer lateral cost and responsibility has been discussed by the full body of Council, framing decisions that will require a new rate to be established.

Heath stated that the information being presented tonight to the Board of Public Affairs (BOPA) and the Water, Sewer, Refuse, Recycle, and Litter (WSRRL) Committee has no Council motion to direct action by the City, but instead Council has discussed a range of options with potential agreement on policy direction to assist customers in the process of sewer repairs. Heath stated that Hayberger will be presenting a policy outlining that the City is assuming the full costs of these repairs, and this policy must be decided as to how much responsibility will fall upon the City, after which the cost can be assigned. DeWit agreed, stating that a position must be taken to end the circular discussion on the issue.

Bisher explained the model created will be used to make the decisions based on actual data, and will reviewed annually; if the data is incorrect, it can be amended at the review to make the necessary decisions and change the rates as needed. Ridley stated that the full body of Council has debated this issue and come to an agreement as listed in the document included in the packet including the set fee structure and the City assuming all responsibility from the right of way; see attached. Ridley added Council did not want to set a policy before the issue came before the BOPA in regard to any rate change.

Hayberger stated there are two (2) documents before the Board and Committee; the first is the document distributed in the packet, and the second is a document created by Hayberger with more details. Hayberger stated after the first document was presented to Bisher and Heath, some changes were necessary, which is why the second document was created. The changes included the inclusion of 'allocation of responsibility cost of sewer lateral repair and maintenance'. Bisher stated that the policy is dedicated to sewer repair, adding that sewer maintenance responsibility still needs to be decided. Bisher gave an example of repair to mean that the sewer line may be open and working, but there's a void and the line is starting to fall in the street which had to be dug up to fix; Bisher gave an example of maintenance to mean the sanitary sewer isn't working, a plumber is called and it is discovered there is roots in the line that may be either under the street or in the front yard in which case the line is not dug up, but just cleared out. Bisher stated that Council did not discuss the responsibility of maintenance as much as Council discussed the responsibility of repair. Hayberger reminded the BOPA that the discussion is to approve rates that will be brought back to Council as an Ordinance; Heath reminded the Board that the rates assume repair only not maintenance. Helberg stated that rates cannot be agreed upon until the

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Policy is decided; Bisher and Heath agreed. Cordes asked what an average maintenance bill would cost; Engler gave the example of his sewer that was plugged with roots two (2) years ago, Engler called a plumber who came in with a roto-rooter to clear the line from the inspection at the edge of the house through the main sewer with a total cost of \$120; the Board agreed that sewer maintenance should not be included in the Policy. Ridley asked what procedure should be followed if, for example, after the maintenance is done, the sewer lateral caves in under the road on City property; Ridley stated his concern having the homeowner responsible for maintenance of the sewer lateral or any part of the sewer that is located on the 'other side' of a cleanout or a right of way, adding that any damage done will not be covered by this Policy; Hayberger replied that the homeowner's insurance is in place for this purpose. Helberg stated that previous discussion suggested that the homeowner is responsible for installing a cleanout at the right of way line on the lateral to help determine which side, either the City's side or the homeowner's side, was the issue. Hayberger asked if the Board and Committee were in agreement that maintenance should not be covered by the Policy; Ridley stated that he understood from previous discussion that the homeowner would be 'responsible for everything up to the right of way', and after the right of way 'it's the City's responsibility'.

Lulfs asked what the procedure would be when a resident calls into the City with a basement that is backing up, will a cleanout be required to be installed before Lulfs can inspect the basement; Engler stated that the issue must be resolved first and responsibility determined after. Engler believes that residents will not install cleanouts even if this is required, and, if a resident's basement is flooding, the resident wants the issue resolved first and responsibility determined after the issue is resolved. Helberg paraphrased a portion of the Policy regarding Engler's concern, "if at a later date it's discovered that the repair should have been the responsibility of the property owner, the we bill the property owner our full amount", Engler stated he had no problem with that as long as the issue is resolved first; Bisher stated that the City does not operate in that manner; City crews have fixed repairs in the middle of the night to help residents.

Ridley asked if it was possible to determine where the issue is without a cleanout; Bisher replied yes, the amount of cable or cleaner can be tracked and the issue can be determined to approximately one (1) foot, although there can be exceptions.

Hayberger summarized the discussion, asking if the Board and Committee wanted the City to initiate finding the area to be repaired or maintained, and if the area is on the right of way the City will pay the cost, and if the area is between the right of way and the house, the homeowner will pay the cost. Hayberger stated that this may cause the City to have a separate department to deal with the plumbing issues, adding that the onus should be on the homeowner to initiate the research. Helberg stated that maybe a cleanout not be required even though it would be for the convenience of the homeowner, if the homeowner could prove the issue was on City property through some other means, then that would be acceptable also. Ridley suggested having a City approved list of contractors to ensure they are aware of City policies; Lulfs stated all contractors, electricians, plumbers and others doing work within the City must be licensed with the City to do so; Ridley stated the customer must be made aware of this list. Cordes stated his concern regarding the City being responsible for the maintenance for each resident, as this will cost the City even more, and the burden of proof would be on the City instead of on the homeowner. DeWit asked how much installing a cleanout would cost; Comadoll estimated between \$600 - \$1,000; Lulfs added that even during projects when the trench is already opened to install a new lateral, the cost to install a cleanout is approximately \$350. Hayberger stated this Policy is similar to another program in the City in which the homeowner has the burden to prove the work done; Engler suggested creating a form to have the contractor sign when the work is completed to document where the issue was located.

Lulfs stated that whichever Policy the Board and Committee decide upon, the Policy should state that if 'through the course of human work' the City finds that the area to be repaired is on the homeowner's property, then the City has the ability to bill the homeowner for the time and materials used. DeWit added that the line of demarcation must be the property line to avoid any confusion with responsibility; Hayberger replied that the line of demarcation will be the right of way due to the chance of a property line running to the middle of a street.

Helberg suggested that the start date for the new Policy was discussed and agreed to be January 1, 2013; Ridley agreed. Hayberger agreed that this start date was brought up, but there was no consensus. Engler stated he does not believe the Policy should be retroactive; DeWit agreed. Bisher stated that he and Irelan heard a case today, and decided the case on the rules as of today, not what the rules might be at some other time. Helberg stated that start date was chosen due to the length of time this issue has been discussed; the Lange issue began in August 2013. Engler stated although this issue has been discussed at length, no decision had been made, and indicated that the Policy should be effective when a decision is made, not before; DeWit agreed.

Lulfs estimated approximately 130 incidents over the last three (3) year five (5) month timespan and each incident involved digging out the area, either in the right of way or on private property for just the sanitary lateral; Lulfs added that even if the project is done on private property a permit is required so that the City may inspect to make sure the work was done properly. Cordes asked if a cleanout is installed when work is being done on a sewer lateral; Lulfs replied that if a main is on the opposite side of the street, the City has never made the homeowner dig a new hole on their side of the street to install a cleanout; if the hole is being dug by where the cleanout should be, the City does have the homeowner install the cleanout.

Bisher prepared a model based on actual cost data from the previous ten (10) years that the Board and Committee used to figure the rate increases needed to keep the Water Sewer Fund at the optimal \$2 million. Heath reminded the Board and Committee that they must define what will be paid for by the City.

	Ridley stated that if the figures used in the model do not assume maintenance costs, could an additional amount be added to include maintenance in the Policy; Bisher stated that this could be considered when changing the figures in the model. Lulfs added that manpower will be an issue if maintenance is included; Lulfs suggested the final Policy should state that the homeowner is responsible for general maintenance and responsibility for any issues will be determined by the City; Hayberger added that debated incidents should be fact specific for each case. Ridley suggested that the homeowner be responsible for all routine maintenance from the house to the main, but the City could alleviate some of the cost if the homeowner provided a bill, the City could offer a rebate. Heath does not recommend offering a rebate. Engler suggested requiring the homeowner to be responsible for routine maintenance and defining routine maintenance in the Policy.
	Helberg suggested rewriting the Policy to be more 'customer friendly' and writing in the Policy that once the homeowner can prove the repair is not routine maintenance, then the City will be responsible. Lulfs stated that, like many other policies throughout the City, there must be room for interpretation, and the City must be allowed to make judgment calls; Bisher agreed stating there must be a decision making capability as well as a due process procedure regarding such decisions that have extenuating or mitigating circumstances. Hayberger stated that the appeals process is outlined in the Water and Sewer Rules.
WSRRL Motion To Recommend Council Approve The Water and Sewer Lateral Rules Policy With Changes To Make The Policy More User Friendly	Motion: Helberg Second: Comadoll To recommend Council approve the Water and Sewer Lateral Rules Policy with changes to make the Policy more user friendly
Passed Yea- 3 Nay- 0	Roll call vote on above motion: Yea- Helberg, Comadoll, Ridley Nay-
Review Of Sewer Rates	Bisher prepared a model based on actual cost data from the previous ten (10) years that the Board and Committee used to figure the rate increases needed to keep the Water Sewer Fund at the optimal \$2 million. The Board and Committee manipulated the model to research various rates and fees related to the cost of sewer repair. Heath reminded the Board and Committee that the figures in the model entitled 'Number of Customers' is based on the storm sewer definition of a customer; Bisher added this means it is not the number of customers who pay a sewer bill, it is the number of customers who pay the storm water bill.
	Class UserChargeResidential – In\$2.10Residential – Out\$3.15Commercial – In\$3.50Commercial – Out\$5.25Industrial\$12.00

BOPA Motion To Accept The New Charge For The Sewer Lateral	Motion:DeWitSecond:CordesTo accept the new charge for the Sewer Lateral
Passed Yea- 3 Nay- 0	Roll call vote on above motion: Yea- Engler, Cordes, DeWit Nay-
WSRRL Motion To Recommend Council Approve The BOPA Recommendation Of The New Charge For The Sewer Lateral	Motion: Comadoll Second: Helberg To recommend Council Approve the BOPA Recommendation of the new charge for Sewer Lateral
	Class UserChargeResidential – In\$2.10Residential – Out\$3.15Commercial – In\$3.50Commercial – Out\$5.25Industrial\$12.00
Passed Yea- 3 Nay- 0	Roll call vote on above motion: Yea- Helberg, Comadoll, Ridley Nay-
	 Bisher prepared a model based on actual cost data from the previous ten (10) years that the Board and Committee used to figure the rate increases needed to keep the Water Sewer Fund at the optimal \$2 million. The Board and Committee manipulated the model to research various rates and fees related to the cost of sewer repair. Bisher explained that the Lateral Cost is incorporated into the detailed Revenue Expenditure model, and includes the charge just approved by the Board and Committee, as well as all debt and revenue included. Bisher outlined a change from previous years in the model, including: A case settlement on a building on Independence Drive that stated the City should have known there were tree intrusions into the main, causing water in the basement, resulting in the City being required to inspect the entire sewer system over a ten (10) year period at a cost of approximately \$85,000 per year with an escalation of approximately a half a percent each year. DeWit asked how defined the term 'the City shall inspect' was outlined in the settlement, suggesting that a visual inspection may suffice to fill this requirement. Hayberger stated for the record that this was the insurance company's counsel settlement, and the point of the settlement was to create a routine inspection; Lulfs added that the EPA suggested a video inspection of the inside of the pipes. Hayberger stated that the settlement is more generous than what the EPA mandates are, as the mandates would be every three (3) years instead of every ten (10) years.
	in the Service Fees Professional category; Heath noted a slight error in the model and the revenue figure; a half year of revenue is assumed so the figure must be divided by two (2), as of right now though, the figure is

balanced.

Bisher explained the model shows the End of Year Fund Balances, which will change when varying rates are researched. Heath explained the difference in the columns '2014 Budgeted' and '2014'; reminding the Board and Committee that the budget is created with conservatively estimated revenues and liberally estimated expenditures; to get a better projection of an actual increase, the 2014 column represents what will probably be received in revenue and what will probably be expended. Bisher added that the column '2014' is a working column and the column '2014 Budgeted' is simply informational.

Bisher explained that the model contains a Line Regression Analysis that will assist in showing how the varying rates researched will affect the end of year Fund Balances. Heath reminded the Board and Committee that the \$2 million end of year balance is also a variable; Engler replied that this amount has been the desired balance for quite a while.

Throughout the research, DeWit stated that the proposed rate increases are too high since a charge to be added to the customer's bill was just approved; Engler explained that the charge is a separate issue than a rate increase, as the charge is a separate item on the customer's bill to assist with sewer repair issues. Bisher reminded the Board and Committee that there was no rate increase last year; Heath added that the Fund Balance increased due to the large projects completed.

DeWit asked what the average customer pays per month, and what percentage of the bill the newly added charge would be; Heath replied with an average monthly sewer bill at six (6) units of sewer, the cost is \$54.58, meaning the newly added charge would be an increase of 3.8%.

Heath added that in the model, the estimated cost on the capital side includes the long term control plan as approved, which has been changed and the modifications are not reflected in the model; adding that the advantage of maintaining the \$2 million balance is not being required to debt a large project that may arise.

Lulfs estimated the sewer projects for the year to cost approximately \$1.6 million, and the City received grants totaling approximately \$325,000. Bisher explained that the model shows the total expenses of \$3.9 million; Heath added this figure includes the transfers including the projects that Lulfs stated. Lulfs estimated that next year's projects totals will be approximately the same as this year, however the year after will have bigger projects starting including Park Street and Appian Avenue.

Motion:DeWitSecond:CordesTo accept a rate increase of 6% starting July 1, 2014, 8% starting January1, 2015, and 10% starting January 1, 2016, over the next three (3) years

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

BOPA Motion To Accept A Rate Increase of 6%, 8%, 10% Over The Next Three (3) Years

Passed Yea- 3

Nay- 0	Nay-
WSRRL Motion To Recommend Council Approve The BOPA Recommendation Of A Rate Increase of 6%, 8%, 10% Over The Next Three (3) Years	Motion: Comadoll Second: Helberg To recommend Council Approve the BOPA Recommendation of a rate increase of 6% starting July 1, 2014, 8% starting January 1, 2015, and 10% starting January 1, 2016, over the next three (3) years
Passed Yea- 3 Nay- 0	Roll call vote on above motion: Yea- Helberg, Comadoll, Ridley Nay-
Update On Status Of New Water Plant	 Bisher explained there was a setback regarding the new Water Plant; the County had filed for financing from the U.S. Department of Agriculture (USDA); because the grant is Federal money, the USDA is required by Federal law to research factors including species, archeology, and wetlands. Bisher stated when the USDA researched the property through the Army Corp of Engineers, there was a file of research compiled approximately seven (7) years ago for a developer, Ron Grant, who was interested in developing a senior housing project. Bisher stated that although Grant came to the City with different issues such as the way the water and sewer lines would be installed without easements, how the establishment would be metered, developing the streets to follow City specifications, and sewage pumping, and eventually the project ceased. Bisher stated that Grant may have also been dealing with the issues listed by the Army Corp of Engineers at that time, but these issues were not brought to the City's attention. Bisher stated that the unique feature of this property is the rail underpass that could be used as a connector line to transport water from Scott Street over to Glenwood Avenue. Bisher stated that the City was aware that at one time the property was such as sewage irrigation, but this was monitored. Bisher stated the property was purchased using Steve Lankenau as the realtor; and when the decision was made to use Federal monies, the risks involved were researched by Roberta Costa, who works with Small Cities Development, with an assessment of probably not having much species mitigation, however there would be wetlands. Bisher stated that the Court kept a file of the assessment of the Ohio EPA has jurisdiction, and the extent of the wetlands status must be researched and possibly mitigated. DeWit asked if a lawsuit could be filed against the bank, as they probably knew these issues existed but did not disclose them to the City; Hayberger replied that the bank had any document in th

Page 10 of 11

	the issues to the City. DeWit suggested that Hayberger request the bank provide all documentation of the language between the bank and the prior owner, and if any documentation shows proof that the bank has knowledge of the issues, the City will get made whole, adding that if there is no discovery of this prior knowledge, then the lawsuit could be dropped. Hayberger suggested not discussing potential litigation in a public meeting.
	Bisher stated his concern is moving forward; adding that the whole seventeen (17) acres may not be needed for the Water Plant and the connector road. Bisher will research if negotiations with either the Army Corp of Engineers or the Ohio EPA is possible, although this may take additional time and there may be additional cost involved. Bisher stated that there is no better spot for the Water Plant and the road; there is no other area that goes under Routes 6 and 24. Engler added that this location is on the raw water main; Bisher agreed adding that this is criteria for the new Water Plant. Behm asked how long the delay may be; Bisher replied it could easily be six (6) months and would probably be twelve (12) months. Behm asked how this would affect the current plan and operations and maintenance costs; Bisher will research this with Staff. Helberg asked if there is a large expenditure at the current plant, with only two (2) years to receive the money back, can the expenditure be included as part of the cost of the project; Bisher stated that would be added to the new Water Plant project cost and become an expense for the Consortium.
BOPA Motion To Adjourn	Motion: DeWit Second: Cordes To adjourn the meeting at 9:56 PM
Passed Yea- 3 Nay- 0	Roll call vote on above motion: Yea- Engler, Cordes, DeWit Nay-
WSRRL Motion To Adjourn	Motion: Comadoll Second: Helberg To adjourn the meeting at 9:56 PM
Passed Yea- 3 Nay- 0	Roll call vote on above motion: Yea- Helberg, Comadoll, Ridley Nay-
Date	Keith Engler, Chair

City of Napoleon, Ohio

WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE

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

Meeting Agenda

Monday, May 12, 2014 at 7:00 PM

- I. Approval of Minutes (In the Absence of any Objections or Corrections, the Minutes Shall Stand Approved)
- II. Review of VanHyning I/I Study
- III. Any Other Matters Currently Assigned To Committee

Gregory J. Heath, Finance Director/Clerk of Council

City of Napoleon, Ohio WATER, SEWER, REFUSE, RECYCLE & LITTER COMMITTEE Meeting Minutes

Monday, April 14, 2014 at 6:30 PM

PRESENT Water, Sewer Committee BOPA City Staff

Recorder Others ABSENT

WSRRL Call To Order

Approval Of Minutes

Sewer Lateral Cost And Responsibility Chris Ridley - Chair, Jeff Comadoll, John Helberg Keith Engler – Chair, David Cordes, Mike DeWit Ronald A. Behm, Mayor (arrived at 7:13 pm) Dr. Jon A. Bisher, City Manager Monica S. Irelan, Assistant City Manager Dennis Clapp, Electric Superintendent Trevor M. Hayberger, Law Director Gregory J. Heath, Finance Director/Clerk of Council Tammy Fein Media, Carey Lange

Chairperson Ridley called the meeting to order at 7:08 pm.

The February 10 meeting minutes stand approved as presented with no objections or corrections.

Bisher stated that the sewer lateral cost and responsibility has been discussed by the full body of Council, framing decisions that will require a new rate to be established.

Heath stated that the information being presented tonight to the Board of Public Affairs (BOPA) and the Water, Sewer, Refuse, Recycle, and Litter (WSRRL) Committee has no Council motion to direct action by the City, but instead Council has discussed a range of options with potential agreement on policy direction to assist customers in the process of sewer repairs. Heath stated that Hayberger will be presenting a policy outlining that the City is assuming the full costs of these repairs, and this policy must be decided as to how much responsibility will fall upon the City, after which the cost can be assigned. DeWit agreed, stating that a position must be taken to end the circular discussion on the issue.

Bisher explained the model created will be used to make the decisions based on actual data, and will reviewed annually; if the data is incorrect, it can be amended at the review to make the necessary decisions and change the rates as needed. Ridley stated that the full body of Council has debated this issue and come to an agreement as listed in the document included in the packet including the set fee structure and the City assuming all responsibility from the right of way; see attached. Ridley added Council did not want to set a policy before the issue came before the BOPA in regard to any rate change.

Hayberger stated there are two (2) documents before the Board and Committee; the first is the document distributed in the packet, and the second is a document created by Hayberger with more details. Hayberger stated after the first document was presented to Bisher and Heath, some changes were necessary, which is why the second document was created. The changes included the inclusion of 'allocation of responsibility cost of sewer lateral repair and maintenance'. Bisher stated that the policy is dedicated to sewer repair, adding that sewer maintenance responsibility still needs to be decided. Bisher gave an example of repair to mean that the sewer line may be open and working, but there's a void and the line is starting to fall in the street which had to be dug up to fix; Bisher gave an example of maintenance to mean the sanitary sewer isn't working, a plumber is called and it is discovered there is roots in the line that may be either under the street or in the front yard in which case the line is not dug up, but just cleared out. Bisher stated that Council did not discuss the responsibility of maintenance as much as Council discussed the responsibility of repair. Hayberger reminded the BOPA that the discussion is to approve rates that will be brought back to Council as an Ordinance; Heath reminded the Board that the rates assume repair only not maintenance. Helberg stated that rates cannot be agreed upon until the Policy is decided; Bisher and Heath agreed. Cordes asked what an average maintenance bill would cost; Engler gave the example of his sewer that was plugged with roots two (2) years ago, Engler called a plumber who came in with a roto-rooter to clear the line from the inspection at the edge of the house through the main sewer with a total cost of \$120; the Board agreed that sewer maintenance should not be included in the Policy. Ridley asked what procedure should be followed if, for example, after the maintenance is done, the sewer lateral caves in under the road on City property; Ridley stated his concern having the homeowner responsible for maintenance of the sewer lateral or any part of the sewer that is located on the 'other side' of a cleanout or a right of way, adding that any damage done will not be covered by this Policy; Hayberger replied that the homeowner's insurance is in place for this purpose. Helberg stated that previous discussion suggested that the homeowner is responsible for installing a cleanout at the right of way line on the lateral to help determine which side, either the City's side or the homeowner's side, was the issue. Hayberger asked if the Board and Committee were in agreement that maintenance should not be covered by the Policy; Ridley stated that he understood from previous discussion that the homeowner would be 'responsible for everything up to the right of way', and after the right of way 'it's the City's responsibility'.

Lulfs asked what the procedure would be when a resident calls into the City with a basement that is backing up, will a cleanout be required to be installed before Lulfs can inspect the basement; Engler stated that the issue must be resolved first and responsibility determined after. Engler believes that residents will not install cleanouts even if this is required, and, if a resident's basement is flooding, the resident wants the issue resolved first and responsibility determined after the issue is resolved. Helberg paraphrased a portion of the Policy regarding Engler's concern, "if at a later date it's discovered that the repair should have been the responsibility of the property owner, the we bill the property owner our full amount", Engler stated he had no problem with that as long as the issue is resolved first; Bisher stated that the City does not operate in that manner; City crews have fixed repairs in the middle of the night to help residents. Ridley asked if it was possible to determine where the issue is without a cleanout; Bisher replied yes, the amount of cable or cleaner can be tracked and the issue can be determined to approximately one (1) foot, although there can be exceptions.

Hayberger summarized the discussion, asking if the Board and Committee wanted the City to initiate finding the area to be repaired or maintained, and if the area is on the right of way the City will pay the cost, and if the area is between the right of way and the house, the homeowner will pay the cost. Hayberger stated that this may cause the City to have a separate department to deal with the plumbing issues, adding that the onus should be on the homeowner to initiate the research. Helberg stated that maybe a cleanout not be required even though it would be for the convenience of the homeowner, if the homeowner could prove the issue was on City property through some other means, then that would be acceptable also. Ridley suggested having a City approved list of contractors to ensure they are aware of City policies; Lulfs stated all contractors, electricians, plumbers and others doing work within the City must be licensed with the City to do so; Ridley stated the customer must be made aware of this list. Cordes stated his concern regarding the City being responsible for the maintenance for each resident, as this will cost the City even more, and the burden of proof would be on the City instead of on the homeowner. DeWit asked how much installing a cleanout would cost; Comadoll estimated between \$600 - \$1,000; Lulfs added that even during projects when the trench is already opened to install a new lateral, the cost to install a cleanout is approximately \$350. Hayberger stated this Policy is similar to another program in the City in which the homeowner has the burden to prove the work done; Engler suggested creating a form to have the contractor sign when the work is completed to document where the issue was located.

Lulfs stated that whichever Policy the Board and Committee decide upon, the Policy should state that if 'through the course of human work' the City finds that the area to be repaired is on the homeowner's property, then the City has the ability to bill the homeowner for the time and materials used. DeWit added that the line of demarcation must be the property line to avoid any confusion with responsibility; Hayberger replied that the line of demarcation will be the right of way due to the chance of a property line running to the middle of a street.

Helberg suggested that the start date for the new Policy was discussed and agreed to be January 1, 2013; Ridley agreed. Hayberger agreed that this start date was brought up, but there was no consensus. Engler stated he does not believe the Policy should be retroactive; DeWit agreed. Bisher stated that he and Irelan heard a case today, and decided the case on the rules as of today, not what the rules might be at some other time. Helberg stated that start date was chosen due to the length of time this issue has been discussed; the Lange issue began in August 2013. Engler stated although this issue has been discussed at length, no decision had been made, and indicated that the Policy should be effective when a decision is made, not before; DeWit agreed.

Lulfs estimated approximately 130 incidents over the last three (3) year five (5) month timespan and each incident involved digging out the area, either in the right of way or on private property for just the sanitary lateral; Lulfs added that even if the project is done on private property a permit is required so that the City may inspect to make sure the work was done properly. Cordes asked if a cleanout is installed when work is being done on a sewer lateral; Lulfs replied that if a main is on the opposite side of the street, the City has never made the homeowner dig a new hole on their side of the street to install a cleanout; if the hole is being dug by where the cleanout should be, the City does have the homeowner install the cleanout.

Bisher prepared a model based on actual cost data from the previous ten (10) years that the Board and Committee used to figure the rate increases needed to keep the Water Sewer Fund at the optimal \$2 million. Heath reminded the Board and Committee that they must define what will be paid for by the City.

Ridley stated that if the figures used in the model do not assume maintenance costs, could an additional amount be added to include maintenance in the Policy; Bisher stated that this could be considered when changing the figures in the model. Lulfs added that manpower will be an issue if maintenance is included; Lulfs suggested the final Policy should state that the homeowner is responsible for general maintenance and responsibility for any issues will be determined by the City; Hayberger added that debated incidents should be fact specific for each case. Ridley suggested that the homeowner be responsible for all routine maintenance from the house to the main, but the City could alleviate some of the cost if the homeowner provided a bill, the City could offer a rebate. Heath does not recommend offering a rebate. Engler suggested requiring the homeowner to be responsible for routine maintenance and defining routine maintenance in the Policy.

Helberg suggested rewriting the Policy to be more 'customer friendly' and writing in the Policy that once the homeowner can prove the repair is not routine maintenance, then the City will be responsible. Lulfs stated that, like many other policies throughout the City, there must be room for interpretation, and the City must be allowed to make judgment calls; Bisher agreed stating there must be a decision making capability as well as a due process procedure regarding such decisions that have extenuating or mitigating circumstances. Hayberger stated that the appeals process is outlined in the Water and Sewer Rules.

Motion:HelbergSecond:ComadollTo recommend Council approve the Water and Sewer Lateral Rules Policy
with changes to make the Policy more user friendly

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

Bisher prepared a model based on actual cost data from the previous ten

WSRRL Motion To Recommend Council Approve The Water and Sewer Lateral Rules Policy With Changes To Make The Policy More User Friendly

Passed Yea- 3 Nav- 0

Review Of Sewer Rates

	(10) years that the Board and Committee used to figure the rate increases needed to keep the Water Sewer Fund at the optimal \$2 million. The Board and Committee manipulated the model to research various rates and fees related to the cost of sewer repair. Heath reminded the Board and Committee that the figures in the model entitled 'Number of Customers' is based on the storm sewer definition of a customer; Bisher added this means it is not the number of customers who pay a sewer bill, it is the number of customers who pay the storm water bill.	
	<u>Class User</u> Residential – In	<u>Charge</u> \$2.10
	Residential – Out	\$3.15
	Commercial – In	\$3.50
	Commercial – Out	\$5.25
	Industrial	\$12.00
BOPA Motion To Accept The	Motion: DeWit	Second: Cordes
New Charge For The Sewer	To accept the new charge for	r the Sewer Lateral
Lateral		
Passed	Roll call vote on above moti	on:
Yea- 3	Yea- Engler, Cordes, DeWit	
Nay- 0	Nay-	
WSRRL Motion To Recommend	Motion: Comadoll	Second: Helberg
Council Approve The BOPA	To recommend Council Approve the BOPA Recommendation of the new	
Recommendation Of The New	charge for Sewer Lateral	
Charge For The Sewer Lateral	Class User	Charge
	Residential – In	\$2.10
	Residential – Out	\$3.15
	Commercial – In	\$3.50
	Commercial – Out	\$5.25
	Industrial	\$12.00
Passed Yea- 3	Roll call vote on above motion:	
Nay- 0	Yea- Helberg, Comadoll, Ridley Nay-	
Truy 0	itaj	
	Bisher prepared a model bas	ed on actual cost data from the previous ten
		d Committee used to figure the rate increases
		wer Fund at the optimal \$2 million. The bulated the model to research various rates and
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		detailed Revenue Expenditure model, and
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	all debt and revenue included. Bisher outlined a change from previous	
	years in the model, including	g: a building on Independence Drive that stated
		e known there were tree intrusions into the
	-	in the basement, resulting in the City being

required to inspect the entire sewer system over a ten (10) year period at a cost of approximately \$85,000 per year with an escalation of approximately a half a percent each year. DeWit asked how defined the term 'the City shall inspect' was outlined in the settlement, suggesting that a visual inspection may suffice to fill this requirement. Hayberger stated for the record that this was the insurance company's counsel settlement, and the point of the settlement was to create a routine inspection; Lulfs added that the EPA suggested a video inspection of the inside of the pipes. Hayberger stated that the settlement is more generous than what the EPA mandates are, as the mandates would be every three (3) years instead of every ten (10) years.

Bisher reported that the lateral cost work that was just completed is listed in the Service Fees Professional category; Heath noted a slight error in the model and the revenue figure; a half year of revenue is assumed so the figure must be divided by two (2), as of right now though, the figure is balanced.

Bisher explained the model shows the End of Year Fund Balances, which will change when varying rates are researched. Heath explained the difference in the columns '2014 Budgeted' and '2014'; reminding the Board and Committee that the budget is created with conservatively estimated revenues and liberally estimated expenditures; to get a better projection of an actual increase, the 2014 column represents what will probably be received in revenue and what will probably be expended. Bisher added that the column '2014' is a working column and the column '2014 Budgeted' is simply informational.

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DeWit asked what the average customer pays per month, and what percentage of the bill the newly added charge would be; Heath replied with an average monthly sewer bill at six (6) units of sewer, the cost is \$54.58, meaning the newly added charge would be an increase of 3.8%.

Heath added that in the model, the estimated cost on the capital side includes the long term control plan as approved, which has been changed and the modifications are not reflected in the model; adding that the advantage of maintaining the \$2 million balance is not being required to debt a large project that may arise.

BOPA Motion To Accept A Rate Increase of 6%, 8%, 10% Over The Next Three (3) Years	Lulfs estimated the sewer projects for the year to cost approximately \$1.6 million, and the City received grants totaling approximately \$325,000. Bisher explained that the model shows the total expenses of \$3.9 million; Heath added this figure includes the transfers including the projects that Lulfs stated. Lulfs estimated that next year's projects totals will be approximately the same as this year, however the year after will have bigger projects starting including Park Street and Appian Avenue. Motion: DeWit Second: Cordes To accept a rate increase of 6% starting July 1, 2014, 8% starting January 1, 2015, and 10% starting January 1, 2016, over the next three (3) years	
Passed Yea- 3 Nay- 0	Roll call vote on above motion: Yea- Engler, Cordes, DeWit Nay-	
WSRRL Motion To Recommend Council Approve The BOPA Recommendation Of A Rate Increase of 6%, 8%, 10% Over The Next Three (3) Years	Motion: Comadoll Second: Helberg To recommend Council Approve the BOPA Recommendation of a rate increase of 6% starting July 1, 2014, 8% starting January 1, 2015, and 10% starting January 1, 2016, over the next three (3) years	
Passed Yea- 3 Nay- 0	Roll call vote on above motion: Yea- Helberg, Comadoll, Ridley Nay-	
Update On Status Of New Water Plant	Bisher explained there was a setback regarding the new Water Plant; the County had filed for financing from the U.S. Department of Agriculture (USDA); because the grant is Federal money, the USDA is required by Federal law to research factors including species, archeology, and wetlands. Bisher stated when the USDA researched the property through the Army Corp of Engineers, there was a file of research compiled approximately seven (7) years ago for a developer, Ron Grant, who was interested in developing a senior housing project. Bisher stated that although Grant came to the City with different issues such as the way the water and sewer lines would be installed without easements, how the establishment would be metered, developing the streets to follow City specifications, and sewage pumping, and eventually the project ceased. Bisher stated that Grant may have also been dealing with the issues listed by the Army Corp of Engineers at that time, but these issues were not brought to the City's attention. Bisher stated that the unique feature of this property is the rail underpass that could be used as a connector line to transport water from Scott Street over to Glenwood Avenue. Bisher stated that the City was aware that at one time the property was used as sewage irrigation, but this was monitored.	

Bisher stated the property was purchased using Steve Lankenau as the

realtor; and when the decision was made to use Federal monies, the risks involved were researched by Roberta Costa, who works with Small Cities Development, with an assessment of probably not having much species mitigation, however there would be wetlands. Bisher stated that the Court kept a file of the assessment that was being done for Grant that concluded there was a larger number of wetland species even though the property was not irrigated for approximately four (4) years. Bisher explained that this issue would be taken seriously, that it would be researched to see if the Army Corp of Engineers or if the Ohio EPA has jurisdiction, and the extent of the wetlands status must be researched and possibly mitigated.

DeWit asked if a lawsuit could be filed against the bank, as they probably knew these issues existed but did not disclose them to the City; Hayberger replied that the bank bought this as a foreclosure; DeWit stated that makes no difference, if the bank had any document in their possession that indicated knowledge of these issues, then they were required to disclose the issues to the City. DeWit suggested that Hayberger request the bank provide all documentation of the language between the bank and the prior owner, and if any documentation shows proof that the bank has knowledge of the issues, the City will get made whole, adding that if there is no discovery of this prior knowledge, then the lawsuit could be dropped. Hayberger suggested not discussing potential litigation in a public meeting.

Bisher stated his concern is moving forward; adding that the whole seventeen (17) acres may not be needed for the Water Plant and the connector road. Bisher will research if negotiations with either the Army Corp of Engineers or the Ohio EPA is possible, although this may take additional time and there may be additional cost involved. Bisher stated that there is no better spot for the Water Plant and the road; there is no other area that goes under Routes 6 and 24. Engler added that this location is on the raw water main; Bisher agreed adding that this is criteria for the new Water Plant. Behm asked how long the delay may be; Bisher replied it could easily be six (6) months and would probably be twelve (12) months. Behm asked how this would affect the current plan and operations and maintenance costs; Bisher will research this with Staff. Helberg asked if there is a large expenditure at the current plant, with only two (2) years to receive the money back, can the expenditure be included as part of the cost of the project; Bisher stated that would be added to the new Water Plant project cost and become an expense for the Consortium.

n To Adjourn	Motion: DeWit To adjourn the meeting at 9:56 PM	Second: Cordes
	Roll call vote on above motion: Yea- Engler, Cordes, DeWit Nay-	
ion To Adjourn	Motion: Comadoll To adjourn the meeting at 9:56 PM	Second: Helberg
	Roll call vote on above motion:	

BOPA Motion

Passed Yea-3 Nay-0

WSRRL Moti

Passed



City of Napoleon

Water, Sewer, Refuse, Recycling & Litter Committee

Majority Report

The Water, Sewer, Refuse, Recycling & Litter Committee met on Monday, April 14, 2014, and recommended that Council:

1. Approve a new monthly fee related to Sewer Repair:

<u>Class User</u>	<u>Charge</u>
Residential – In	\$2.10
Residential – Out	\$3.15
Commercial – In	\$3.50
Commercial – Out	\$5.25
Industrial	\$12.00;

- 2. Approve the Sewer Lateral Responsibility Policy with changes to make it more 'customer friendly'; and
- 3. Approve a sewer rate increase of 6%, 8%, and 10% over the next three (3) years, to be reviewed annually.

Chris Ridley, Chair

John Helberg, Committee

Jeff Comadoll, Committee

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, May 12 at 7:30 PM, has been CANCELED due to lack of agenda items. City of Napoleon, Ohio

PRIVACY COMMITTEE

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

MEETING AGENDA

Tuesday, May 13, 2014 at 10:30 AM

- 1. Approval of Minutes from November 12, 2013 (In the Absence of any Objections or Corrections, the Minutes Shall Stand Approved)
- 2. Review of Policies/Procedures for Identity Theft Prevention
- 3. Report from Staff
- 4. Any Other Matters To Come Before The Committee

Gregory J. Heath, Finance Director/Clerk of Council

City of Napoleon, Ohio PRIVACY COMMITTEE

Meeting Minutes

Tuesday, November 12, 2013 at 10:30 AM

PRESENT		
Members	Robert Weitzel, Trevor Hayberger	
City Staff	Greg Heath, Finance Director	
	Trevor Hayberger, Law Director	
	Lori Rausch, Utility Billing Supervisor	
Recorder	Shannon Fielder, Tax Department Supervisor	
	Tammy Fein (Barbara Nelson attending)	
ABSENT		
Members	Christine Peddicord	
Call To Order	Acting Chair Hayberger called the meeting to order at 10:32 AM.	
Approval Of Minutes	Minutes from the May 14, 2013, meeting stand approved as presented with no objections.	
Review Of Policies/Procedures	Heath stated the Privacy Policy is written mainly around the Utility Billing Department and suggested it be expanded to include the Income Tax Department as well as all other appropriate areas.	
Motion To Review And	Motion: Waitzal Sacond: Haubargar	
Expand The Current Privacy	Motion: Weitzel Second: Hayberger	
Policy To Bring Back Before	To review and expand the current Privacy Policy to bring back before the Committee	
The Committee		
	Dell's Il vete en above motion.	
Passed	Roll call vote on above motion:	
Yea- 2	Yea- Hayberger, Weitzel	
Nay-0	Nay-	
Report From Staff	Raush presented the Annual Report for Red Flag/Identity Theft Prevention (attached).	
	The Committee and Upoth discussed how to positively identify the	
	The Committee and Heath discussed how to positively identify the identity of a victim of identity that the victim	
	identity of a victim of identity theft; Weitzel stated that the victim	
	should go to the local law enforcement office, they will verify the	
	victim's identity, the victim can then sign a release to have the local	
	law enforcement office can release the information to the Napoleon	
	Police Department.	
Any Other Items	There are no other items of concern at this time.	
Motion To Adjourn	Motion: Weitzel Second: Hayberger	
	To adjourn the meeting at 10:48 AM	
Passed	Roll call vote on above motion:	
Yea-	Yea- Hayberger, Weitzel	
Nay-0	Nay-	
-------	--------------------------------	
Date	Trevor Hayberger, Acting Chair	



Memorandum

To: Board of Zoning Appeals, Council, Mayor, City Manager, City Law Director, City Finance Director, Department Supervisors, Media
From: Gregory J. Heath, Finance Director/Clerk of Council
Date: 5/7/2014
Re: Board of Zoning Appeals Meeting Cancellation

The Board of Zoning Appeals meeting regularly scheduled for Tuesday,

May 13th at 4:30 PM has been CANCELED due to lack of agenda items.

Memorandum

To: Planning Commission, Council, Mayor, City Manager, City Law Director, City Finance Director, Department Supervisors, Media
 From: Gregory J. Heath, Finance Director/Clerk of Council
 Date: 5/7/2014
 Re: Planning Commission Meeting Cancellation

The Planning Commission meeting regularly scheduled for Tuesday, May 13 at 5:00 PM has been CANCELED due to lack of agenda items.



Market prices, congestion moderate in April

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

After a brutal winter, April weather returned to normal. This helped bring power and congestion costs back to their expected ranges.

AVERAGE DAILY	RATE COMP	PARISONS	
	April 2014 \$/MWh	March 2014 \$/MWh	April 2013 \$/MWh
A/D Hub 7x24 Price	\$40.43	\$55.39	\$37.69
PJM West 7x24 Price	\$41.46	\$69.43	\$39.76
A/D to AMP-ATSI Congestion/Losses	\$1.65	\$7.08	\$0.79
A/D to Blue Ridge Congestion/Losses	\$0.50	\$9.58	\$0.92
A/D to PJM West Congestion/Losses	\$1.03	\$14.04	\$2.07
PJM West to PP&L Congestion/Losses	-\$0.82	\$2.21	-\$0.28
IND to A/D Hub Congestion/Losses	\$3.13	\$8.48	\$2.27

EPA's Transport Rule is back on the table

By Julia Blankenship - director of energy policy & sustainability

Earlier this week the U.S. Supreme Court upheld the U.S. Environmental Protection Agency's (USEPA) Cross State Air Pollution Rule (CSAPR) with a 6-2 decision in *EPA v. EME Homer City Generation*.

In August 2012, the U.S. Court of Appeals for the District of Columbia Circuit had reversed and remanded the initial rule back to the USEPA for exceeding its statutory authority with CSAPR, also known as the Transport Rule.

The rule is a regulation that aims to reduce nitrogen oxide (NOx) and sulfur dioxide (SO2) emissions in 28 upwind states to achieve downwind attainment of three National Ambient Air Quality Standards (NAAQS).

With the Supreme Court now upholding CSAPR, it is possible the USEPA will put the rule back into effect this summer through a public notice. This would affect sources such as coal-burning power plants in AMP member states Kentucky, Michigan, Ohio, Pennsylvania, Virginia and West Virginia. The American Public Power Association, AMP and others are considering the impacts and will update our members accordingly.

AMP requests action from federal district court on AMPGS-Bechtel litigation

By John Bentine – senior vice president/general counsel

As approved by the AMPGS Participants, today AMP's litigation counsel filed a motion in the Bechtel litigation requesting the federal district court to take the following alternative actions. First, the motion asks the federal district court to certify a question of Ohio law to the Ohio Supreme Court. The question is whether under Ohio law a party's "reckless" conduct can *see LITIGATION Page 2*

Temporary peak shaving allowance ends May 3

By Caitlin Schiebel – air compliance specialist

As a reminder to all owners of reciprocating engines subject to reciprocating internal combustion engine (RICE) National Emissions Standards for Hazardous Air Pollutants (NESHAP) who chose to designate their units as emergencyonly, the temporary peak shaving allowance ends on Saturday, May 3. These units will still be permitted to operate for emergency purposes and as part of an RTO Emergency Demand Response Program. Owners and operators who chose to retrofit units are still permitted to operate them for any reason, as long as they remain in compliance with their permits.

Any unit in Ohio subject to this rule that operated for peak shaving between May 3, 2013, and May 3, 2014, must submit a report to Ohio EPA by May 15, 2014. The report must contain all records required under the RICE NESHAP for peaking shaving operation. Reports should be submitted either electronically through Ohio EPA's eBusiness Center or by mail to your district office or local air agency.

If you have questions regarding the peak shaving or reporting requirements, please contact me at <u>cschiebel@amppartners.org</u> or Cody Dill at <u>cdill@amppartners.org</u>.

AFEC weekly update

By Craig Kleinhenz – manager of power supply planning

Most every day this week saw AFEC generating at base maximum levels during most on-peak hours. The exception to this was on Sunday when the plant was dispatched offline due to economics. Wednesday morning saw some higher market prices, which resulted in duct burners being used for nine hours. The plant ended the week with a 58 percent load factor (based on 675 MW).

LITIGATION continued from Page 1

render a contractual limitation of liability provision unenforceable. In its March 31, 2014 Order granting summary judgment to Bechtel on enforcement of the EPC contract's limitation of liability clause, the court held that "willful" or "wanton" conduct was required to render a limitation of liability clause unenforceable. In the event the federal district court agrees to certify the question to the Ohio Supreme Court, the Ohio Supreme Court would have to agree to decide the issue. If it does, the issue will be fully briefed and decided by the Ohio Supreme Court before the case is sent back to the federal district court for trial.

In the alternative, if the federal district court declines to certify the question directly to the Ohio Supreme Court, the motion asks that court to allow AMP to take an immediate appeal of the court's summary judgment order to the Sixth Circuit Court of Appeals. In the event the federal district court agrees to permit an immediate appeal, the Sixth Circuit Court of Appeals also would have to agree to hear the case. If it does, the Sixth Circuit would hear the appeal of the summary judgment ruling, including the reckless conduct issue, before a trial. Copies of the filing will be distributed to AMPGS Participants and their Counsels.

For additional information, please contact me at <u>jbentine@amppartners.org</u> or Deputy General Counsel Rachel Gerrick at <u>rgerrick@amppartners.org</u>.

Annual NHA conference covers regulatory issues, policies

By Jolene Thompson – senior vice president/OMEA executive director

The National Hydropower Association (NHA) held its annual conference April 28-30 in Washington, D.C. The well-attended event provided an opportunity for attendees to hear first-hand from the Administration, Congress, federal regulators and resource agencies on the issues and policies that directly affect individual businesses and projects.

The conference marked the beginning of AMP President/ CEO Marc Gerken's second one-year term as president of the NHA. Gerken was among the speakers at the NHA conference, which also included U.S. Secretary of Energy Ernest Moniz, other senior DOE officials and hydropower industry officials. Mike Perry, senior vice president of generation operations, participated in a panel on "Getting Results: Secrets to Successfully Building New Hydro on Federal Facilities" and I was part of a panel on "State and Regional Energy Policies: How Does Hydro Fare?"

During the conference opening session, four members of Congress were awarded the NHA Legislator of the Year awards for their roles in championing hydroelectric power legislation through the House and Senate. Senators Ron Wyden (D-OR) and Lisa Murkowski (R-AK), and Representatives Cathy McMorris Rodgers (R-WA) and Diana DeGette (D-CO) were recognized with the award for their work on the Hydropower Regulatory Efficiency Act of 2013. At the President's luncheon, Mike Swiger was presented with the prestigious Henwood Award, the industry's highest honor. Swiger is a partner with the law firm of Van Ness Feldman who has represented numerous clients, including AMP, on hydropower matters for many years.

To learn more about the NHA, please visit <u>http://www.</u> <u>hydro.org/</u>.

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

Week end	ing May 2			
MON \$56.42	TUE \$52.20	WED \$59.74	THU \$54.85	FRI \$44.46
Week end	ing April 25			
MON \$47.93	TUE \$44.68	WED \$48.17	THU \$49.71	FRI \$46.61
AEP/Dayt	on 2015 5x16	price as of M	Aay 2 — \$48.	62

AEP/Dayton 2015 5x16 price as of April 25 — \$45.61

Electric markets are up again

By Craig Kleinhenz

The amount of natural gas injected into storage this week was larger than many analysts had predicted. This caused near-term natural gas prices to remain flat despite the large year-over-year storage deficit. June natural gas prices ended the week unchanged from last week to finish trading yesterday at \$4.72/MMBtu.

Strong concerns over the lack of natural gas in storage continue to keep next-year power prices closing higher. 2015 on-peak electric prices rose \$3.01/MWh for the week with AD Hub closing at \$48.62/MWh. This was led by a \$5.00/MWh price increase for January and February 2015 prices. These prices are up more than \$7.55/MWh or 18 percent from this time two months ago.

DOE assessment finds 65 GW of unharnessed power

By Marc Gerken, PE – president/CEO

According to a new U.S. Department of Energy (DOE) resource assessment unveiled at the National Hydropower Association (NHA) conference, there are more than 65 gigawatts of unharnessed power in U.S. waterways.

The New Stream-reach Development Resource Assessment (NSD) project analyzed the potential for new hydropower development using topography, hydrology, and environmental characteristics to develop the highest resolution and most rigorous national evaluation of U.S. hydropower potential to date. NSD is just one of several types of hydropower potential, including non-powered dams, existing hydropower facilities, pumped storage, and small conduits.

The assessment was developed and implemented by Oak Ridge National Laboratory (ORNL) for the DOE Water Power Program with the primary goal of producing and disseminating information and data ultimately leading to improved decision making and strategic planning by organizations and individuals.

Our hydroelectric projects under construction will add more than 300 megawatts of new renewable generation to the region and represent the largest deployment of new run-of-the-river hydro in the nation.



AMP Advanced Transformer Workshop participants

AMP hosted an Advanced Transformer Workshop on April 29. The class focused on advanced transformer theory and the review of transformer connections. The course is designed to provide an indepth knowledge of transformer sizing, fuse sizing and three-phase transformer banking. Participants pictured are (from left): row one – Mark Carpenter of Clinton, Matt Horwedel of Oberlin, Bob Rumbaugh, AMP's manager of technical training; row two – Drew Skolnicki of Oberlin, David Bealer of Wellington, Joe Brasee of Wellington, and Mark Ackworth of Hubbard.

Latest RP3 designation cycle now open, accepting applications

By Michelle Palmer, PE – *assistant vice president of technical services*

The American Public Power Association (APPA) is now accepting applications for the next Reliable Public Power Provider (RP3) designation cycle. The application period opened May 1 and will close Sept. 30. Utilities that apply are eligible for the



new three-year cycle, with the designation beginning May 1, 2015 and expiring on April 30, 2018.

The RP3 program recognizes utilities that demonstrate high proficiency in four areas: reliability, safety, work force development, and system improvement.

AMP encourages member participation in the program as RP3 recipients have used the designation to improve their systems through the inherent self-check process, to demonstrate the value of a public power utility to customers, and, in some cases, to negotiate lower bond and insurance rates. It can also boost members' AMP credit score rating.

Please contact Jennifer Flockerzie, technical services program coordinator, at <u>jflockerzie@amppartners.org</u> or 614.540.0853 for AMP assistance in filling out and submitting an application.

More information on APPA's RP3 program is available at <u>http://www.publicpower.org/Programs/Landing.cfm?Item</u> Number=31003&navItemNumber=37536.

Quote of interest

"We are now in an era of rising electricity prices," said Philip Moeller, a member of the Federal Energy Regulatory Commission, who said the steady reduction in generating capacity across the nation means that prices are headed up. "If you take enough supply out of the system, the price is going to increase."

Save the date: AMP's first annual Lineworkers Rodeo is slated for Aug. 23

By Michelle Palmer

AMP member lineworkers will demonstrate their skills and knowledge at AMP's first annual Lineworkers Rodeo on Aug. 23 at AMP headquarters in Columbus.

Lineworkers will also have the opportunity to connect and build relationships with other AMP member utility employees. The AMP Rodeo will be a family-friendly event and will be open to the public at no charge. Event details and registration brochures will be available soon.

In addition to the Rodeo, training sessions are being planned for Aug. 22.

Members should keep an eye out for more information in the next month. Contact Jennifer Flockerzie, technical services program coordinator, at 614.540.0853 or jflockerzie@amppartners.org with questions.

Calendar

May 14—Sustainability Subcommittee Webinar Email jblankenship@amppartners.org for log-in info

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

May 19-23—Lineworker Training Basic 1 AMP Headquarters, Columbus

May 21—AMP Regional Safety Meeting *Piqua, 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

June 30-July 2—Hotline Training AMP Headquarters, Columbus

July 24—AMP Finance & Accounting Subcommittee Meeting AMP Headquarters, Columbus

Aug. 23—AMP Lineworkers Rodeo AMP Headquarters, Columbus

Aug. 28—AMP Finance & Accounting Subcommittee Meeting Johnstown, Pennsylvania

Sept. 8-12—Lineworker Training Basic 2 AMP Headquarters, Columbus

Sept. 11—AMP Finance & Accounting Subcommittee Meeting *Piqua, Ohio*

Tipp City accepts applications for tree trimmer/arborist

The Tipp City Electric Department will be accepting applications for the position of Tree Trimmer/Arborist.

Duties of the Tree Trimmer/Arborist will include, but not be limited to:

- (a) Line clearance near energized electric circuits up to 69,000 volts.
- (b) Tree trimming/removal of City owned trees, curb lawns, parks, etc.
- (c) Landscaping, tree planting.
- (d) Assisting Electric crews when required.
- (e) Assisting other City departments when needed.

A preference of three years' experience in aerial lift operation, tree climbing, rigging and chipper operation is required. Class A CDL with trailer certification will be required within 6 months of employment. Arborist certification will be required within a one year period from date of hire.

This position will require periodic drug and alcohol testing, work in inclement weather, on-call and non-traditional hours.

Excellent wage and benefits package. Pay Range is \$18.31 to \$23.33/hour. Send resume and application to City Manager's Office, Tipp City Government Center 260 South Garber Dr. Tipp City, Ohio 45371 by 4 p.m. May 16, 2014. Tipp City is an equal opportunity employer.

Oberlin seeks lineworker

The Oberlin Municipal Light and Power System (OMLPS) is accepting applications for the position of fulltime journeyman lineworker in the Electric Distribution Division.

Journeyman lineworker is responsible for the operation, maintenance and routine construction of the city's municipal electric distribution system. Construct, maintain and repair energized primary and secondary distribution facilities. Operate aerial lift trucks, heavy equipment and distribution test equipment. Participate in emergency standby rotation.

Minimum qualifications are high school diploma or equivalent, valid Ohio driver's license, Class "A" commercial driver's license, journeyman lineworker certification, and successful completion of lineworker apprenticeship program with four years of experience as an apprentice lineworker.

Hourly salary range is \$23.36 - \$29.20/hour D.O.Q.

Applications are available at <u>www.cityofoberlin.com</u> and at Oberlin City Hall, 85 S. Main St., Oberlin, Ohio 44074. Applications should be returned via email to <u>hr@cityofoberlin.com</u> or mailed to: City of Oberlin Human Resources Department, Oberlin City Hall, 85 S. Main St., Oberlin, Ohio 44074. Closing date is June 2, 2014 at 4:30 p.m.

Orrville to hold civil service exam for wastewater treatment plant operator position

The City of Orrville - Utilities Dept. seeks applicants for a Wastewater Treatment Plant Operator I. Position is by application and Civil Service Exam only. Online applications will not be accepted.

Applicants must have a high school diploma or equivalent, plus have Class I Wastewater Operator's Certificate issued by the State of Ohio EPA. A copy of your certificate must accompany your application. Candidates must be able to perform the essential functions of the position with or without reasonable accommodation and be drug free. Pay range is \$19.39 to \$24.25, plus benefits. NOTE: The City of Orrville will not consider for employment nor, hire any individual who smokes or uses any form of tobacco products.

The exam is open to all citizens and those who have legally declared their intentions of becoming United States citizens and will be held at 6 p.m. June 4 at Schmid Hall, 501 Hall St. in Orrville.

Application period is 8 a.m. to 5 p.m. weekdays, ending at 5 p.m. May 15, 2014 at the City of Orrville Human Resources Office, 207 N. Main St., Orrville, Ohio, 44667. Applications are available at <u>www.orrville.com</u>.

The City of Orrville is an equal opportunity employer. Reasonable accommodation or testing will be made for applicants with disabilities with 72 hour notice.

Two positions open in Hamilton

The City of Hamilton, Ohio (pop. 63,000) is seeking candidates for Finance Director and Director of Information Technology.

Finance Director – This position requires a bachelor's degree from an accredited college or university with major coursework in accounting, business administration, finance, or a closely related field and seven to ten years of management experience in accounting, finance, or management with a local government agency including significant knowledge of public finance administration and systems and GAAP governmental audit and local government taxation. An advanced degree with major course work in Finance, MBA, MPA, and/or certification as a CPA or CFA is strongly desired.

Director of Information Technology – Qualifications include a bachelor's degree from an accredited college or university with a major in management information systems, information technology, computer science, or a closely related field; and five years of progressively responsible information technology experience at the management level or above, two years of which were at the assistant director or director level; or an equivalent combination of education, training and work experi-

CLASSIFIEDS continued from Page 4

ence. MBA or an MPA advanced degree from an accredited college or university is desirable.

For both positions, candidates should send cover letter, resume, salary history and five business references in Word or PDF format to: Civil Service Dept., One Renaissance Center, 345 High St. First Floor, Hamilton, OH 45011 by email to: <u>cspersonnel@ci.hamilton.oh.us</u> or by fax to: 513.785.7037. The City of Hamilton is an EEO & AAE. Minorities and women are encouraged to apply.

Tipp City seeks city engineer

The City of Tipp City, Ohio is seeking a highly qualified individual to lead its Engineering & Service Departments. Incumbent retiring in May after 14-plus years in position. Tipp City is a public power community of approximately 10,000 population located along the I-75 corridor seven miles north of I-70/75 Interchange. Tipp City is known for its strong sense of community, excellent park and recreational facilities, historic downtown, and exceptional schools.

The ideal candidate will be a State of Ohio Registered Professional Engineer (PE) in civil engineering or related field with at least five years progressively responsible municipal engineering and management experience, preferably in the State of Ohio. Responsibilities include preparation of the department's annual operating and capital budgets; overseeing the Street, Park, and Engineering Departments, acts as LPA coordinator for ODOT projects, prepares RFP, RFQ, & technical specifications for projects, recommends equipment purchases, performs inspections, etc. This is a key position for overall City management and public policy development.

Salary range: \$75,785 to \$94,425 depending on experience and qualifications. Submit resume with cover letter to Bradley Vath, Acting City Manager, 260 S. Garber Drive, Tipp City, Ohio 45371-3116 or <u>vathb@tippcity.net</u>, until May 16, 2014.

Consulting engineer position open at Cleveland Public Power

Cleveland Public Power is seeking a Consulting Engineer. Typical tasks for this position include: performing distribution substation system planning studies inclusive of demand and energy requirement forecast, fault duty calculations, planning and laying out new distribution lines and substations; developing equipment specifications and evaluating RFP's for distribution engineering and construction services; managing distribution line and substations construction; and writing work orders for large commercial accounts and conducting system-wide protective.

Candidates should have a bachelor's degree in electrical engineering or closely related field from an ABET accredited four-year college or university (or equivalent as determined by the Ohio Board of Registration of Professional Engineering and Surveyors). A Master's Degree is preferred. Candidates must be registered as a Professional Engineer (PE) in the State of Ohio or if PE license is in another state, candidates must have applied for an Ohio PE license at the time of hire and obtain it within four months of the date of hire. Three years of full time paid experience in Distribution substation Engineering, GIS, and AutoCAD; five years is preferred.

All interested applicants should submit a cover letter and resume to Danyelle Conner, DPU Employment Services Manager, 1201 Lakeside Ave., Cleveland, Ohio 44114, or email <u>dconner@clevelandwpc.com</u>.

Danville seeks utilities director

The City of Danville (43,000) seeks an energetic, proactive, creative leader to manage Danville Utilities, a municipal provider of electric, gas, water, wastewater, and telecommunications services in a 500-square mile territory. Appointed by and reporting directly to the city manager, the utilities director is responsible for leading a progressive organization that delivers exceptional customer service, operates effectively and efficiently, maintains a world class workforce, contributes to developing Danville's new economy, and meets environmental and community responsibilities.

Danville Utilities serves 42,000 electric meters, 16,000 gas meters, and 18,000 water meters. Its open access fiber optic telecommunications system serves 200 municipal, school, and business locations. Fiber-to-theneighborhood deployments are now underway. The Utilities Department employs 174 and operates on a \$166 million annual budget. A City Council-appointed Utility Commission provides policy oversight.

Position requires a bachelor's degree in engineering, public administration, business, or related field; masters degree in public or business administration is preferred. Extensive experience in utilities, public works, or local government management is required.

Salary range: \$102,824 - \$120,000 DOQ, plus generous fringe benefits package. Visit our website to apply online <u>www.danville-va.gov</u> Attach cover letter, detailed resume, credentials, and salary history. Position will remain open until filled. City Residency is required. All submissions are confidential. For additional information on Danville Utilities, please visit <u>http://www.danvilleutilities.com</u>. Equal Opportunity Employer.

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.



ATSI files annual transmission rate update

By Chris Norton - director of market regulatory affairs

On May 1, 2014 the American Transmission Systems Inc. (ATSI), the subsidiary of FirstEnergy that owns the transmission facilities in Northern Ohio and Western Pennsylvania, filed its 2014 transmission rate update. The new rates will take effect June 1, 2014. The new rates will be:

SERVICE	2014	INCREASE
VOLTAGE	RATE	FROM 2013
138 kV or Above:	\$14,894.53/MW-yr (\$1.24/kW-mo)	50.126%
Below 138 kV:	\$27,145.00/MW-yr (\$2.26/kW-mo)	3.331%

The ATSI transmission rate is what is known as a formula transmission rate. The rate is updated each year on June 1 based on ATSI's expenditures and capital costs from the prior year. ATSI reports the data to the Federal Energy Regulatory Commission (FERC) each year. The cost data is used to populate a formula accepted by FERC.

AMP intends to hire consultants to review the ATSI rate update information. If any errors are discovered, ATSI is required to correct the errors by reducing the rates for the following year by the error amount plus interest.

AMP/OMEA file comments with USEPA

By Julia Blankenship - director of energy policy & sustainability

AMP/OMEA filed comments this week with the U.S. Environmental Protection Agency (USEPA) on its proposed rule to establish new source performance standards to limit emissions of greenhouse gases (essentially CO2) from certain new electric generating units.

In addition to AMP's/OMEA's comments, staff prepared a letter comment template, which was distributed to members earlier this week in an effort to engage them through grassroots support. We'd like to thank the members who submitted comments for their continued support of our grassroots outreach efforts. Whether you are planning new unit construction or not, the costs of complying with this proposed rule are expected to be reflected in higher costs for electricity across the board, including market purchases.

AMP/OMEA's comments identified several categories of units that should not be subject to the requirements of the proposed new unit rules, including:

• All units 25 MW and below – regardless of level of electricity supplied to the grid or fuel type

Energy markets finally lose upward momentum

By Craig Kleinhenz – manager of power supply planning

For the second week in a row, the amount of natural gas that was injected into storage was larger than analyst expectations. This has helped put an end to the multiple-week increase in short-term natural gas prices seen over the last couple of months. June natural gas prices ended the week \$0.15/MMBtu lower than last week to finish trading yesterday at \$4.57/MMBtu.

This bearish news was not quite enough to stop the recent run-up in 2015 power prices, but was enough to stop the large weekly gains that have been seen recently. 2015 on-peak electric prices rose \$0.33/MWh for the week with AD Hub closing at \$48.95/MWh.

Ohio Senate adopts reforms to green energy law

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

The Ohio Senate adopted legislation – Senate Bill 310 – this week that would reform the state energy efficiency and renewable energy standards. The bill will pause annual increases in Ohio's green energy standards for two years and create an "Energy Mandates Study Committee" as well as other changes. Ohio municipal electric utilities and AMP are not subject to the state's efficiency and renewable standards and that remains unchanged with this legislation.

Prior to adoption of the bill in the Senate Public Utilities Committee, a substitute version was adopted that contained a provision detrimental to two hydro projects under develop**USEPA continued from Page 1**

- All units supplying less than one-third (or 40 percent capacity factor, if USEPA chooses to raise the threshold) of their potential electric output to the grid regardless of size or fuel type
- Reciprocating internal combustion engines (RICE units) USEPA recommends excluding these sources
- Non-natural gas stationary combustion turbines (CTs) USEPA recommends excluding these sources
- Existing sources undertaking modifications or reconstructions – USEPA recommends excluding these sources, which will be subject of a separate rulemaking
- Certain projects currently under development USEPA recommends excluding these sources

In addition, AMP's/OMEA's comments challenged USPEA's consideration of carbon capture and sequestration (CCS) as an acceptable control technology and also stressed the need for maintaining operational flexibility to keep compliance costs down while ensuring grid stability. We will continue to keep you up-to-date on this important issue, as well as USEPA's rule for existing units (expected in June), which could be much more impactful to AMP/ OMEA and our members.

Please feel free to contact me for more information at 614.540.0840 or jblankenshp@amppartners.org.

AMP shines Member Spotlight on Marshall, Michigan

By Krista Selvage – manager of publications

AMP is highlighting Marshall in its Member Spotlight. The city has a long history as a municipal electric provider, entering into utility ownership and operation in 1893. The



utility was recently named a Reliable Public Power Provider (RP3) program recipient by the American Public Power Association (APPA), receiving Gold level designation for providing consumers with the highest degree of reliable and safe electric service.

Marshall is a National Historic Landmark District and the city boasts an abundance of 19th century architecture. The National Trust of Historic Preservation previously named the city as one of the "Dozen Distinctive Destinations" in the country.

Learn more about Marshall and its AMP participation in the Member Spotlight section of the <u>AMP website</u>.



News or Ads?

Call Krista Selvage at 614.540.6407 or email to kbselvage@amppartners.org if you would like to pass along news or ads.

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

Week end	ling May 9			
MON \$53.37	TUE \$52.80	WED \$47.65	THU \$58.19	FRI \$56.63
Week end	ling May 2			
MON \$56.42	TUE \$52.20	WED \$59.74	THU \$54.85	FRI \$44.46
, ,	on 2015 5x16 on 2015 5x16	*	·	

Ohio Senate adopts reforms

continued from Page 1

ment by AMP. We were successful in amending the bill to address our concern prior to final passage. The bill now goes to the Ohio House, where hearings will begin next week and a vote is scheduled in that chamber prior to Memorial Day. We continue to pursue language in the House to provide Greenup hydro with credit as a renewable energy resource.

If you have any questions or need additional information about the legislation or legislative consideration, please contact me at <u>mbeirne@amppartners.org</u> or 614.540.0835.

April Operations Statistics			
	JV6 Wind Output	Belleville Output	Avg. A/D Hub On-Peak Rate
April 2014	30%	83%	\$45/MWh
April 2013	32%	91%	\$43/MWh
	Fremont Energy Center Output	Blue Creek Wind Output	Napoleon Solar Output
April 2014	54%	42%	22%
April 2013	51%	37%	20%
*Fremont capacity factor based on 675 MW rating			

*Solar capacity factor based on 3.54 MW rating

AFEC weekly update

By Craig Kleinhenz

Most every day this week saw AFEC generating at base maximum levels during most on-peak hours. The exception to this was on Saturday and Sunday when the plant was dispatched offline due to economics.

The plant was also dispatched offline during the overnight hours between Monday and Tuesday. On Tuesday, the plant did not clear in the Day Ahead market but was picked up and dispatched by PJM for reliability reasons.

Duct burners were not used at all this week as there were no extreme market prices. The plant ended the week with a 45 percent load factor (based on 675 MW).

www.amppartners.org

Cannelton makes progress on controlled filling of the cofferdam

Workers at the Cannelton Hydroelectric Project continue the controlled filling of the cofferdam. The upstream pool is now equalized with the upstream river elevation. This a major step in the transition from the powerhouse construction phase to the final layout. The 84-megawatt facility is located on the Ohio River near Hawesville, Kentucky.





Applications for DEED grants will be accepted starting June 1

By Michelle Palmer, P.E. – assistant vice president of technical services

The next funding cycle for the American Public Power Association's (APPA)



Demonstration of Energy & Efficiency Developments (DEED) grants will open June 1 and run through Aug. 15.

AMP pays for its members to be a DEED participant through APPA membership and encourages utilities to apply for grants to help finance innovative projects. The grants, up to \$125,000 in funding, are intended for demonstration or early commercialization projects at utilities that promise to improve efficiencies, lower costs or add service or value in the provision of electricity or energy services to the customers of publicly owned electric utilities.

AMP and a number of its members have received grants in previous years. If you need AMP's assistance in compiling your application for DEED, please contact me at 614.540.0924 or mpalmer@amppartners.org. For additional program information, email to DEED@PublicPower.org or visit the DEED section of APPA's website at http://publicpower.org or wisit the Mumber=31300 &navItemNumber=38572.

Reminder: Regional Safety Meeting to be held May 21

The next AMP Regional Safety Meeting will be held May 21 at Piqua Municipal Power System, 201 Hemm Ave., Piqua, OH 45356. The meeting is free to members and lunch will be provided. Reservations are required for lunch count. Please RSVP by May 16 to Jennifer Flockerzie at <u>jflockerzie@amppartners.org</u> or 614.540.0853, or Kyle Weygandt at 330.323.1269 or kweygandt@amppartners.org.

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. May 15. The update will include discussions on: NERC BESnet updates; the release of NERC's Auditor Handbook; Project 2010-04 Demand Data (MOD C), MOD-031-1; Project 2013-04 Voltage & Reactive Control, VAR-002-3; and NERC Balloting Software. 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.

Sustainability Subcommittee webinar to be offered May 14

By Julia Blankenship

The next Sustainability Subcommittee webinar will be offered at 2 p.m. May 14. The agenda includes an overview of the just-released National Climate Assessment, a discussion of EPA's upcoming rule to limit CO2 emissions from existing power plants, and a planned participation solicitation for AMP's EcoSmart Choice green pricing program.

Sustainability Subcommittee webinars are open to all AMP members, and log-in information will be emailed to all members on Monday, May 12. If you do not receive webinar log-in information for some reason and wish to participate, please contact me by close of business on May 13 at <u>jblankenshp@amppartners.org</u> or 614.540.0840.

AMP's Kelley listed among 'Top 20 Most Innovative CIOs'

AMP's Chief Information Officer Branndon Kelley was named one of the CRN Top 20 Most Innovative CIOs earlier this month at the Midsize Enterprise Summit (MES) conference held in Orlando.



The list was designed to spotlight elite IT leaders. The 20 midmarket CIOs recognized deployed solutions within the past year that achieved one or more of the following: a proven positive impact, cost savings, an improved infrastructure and/or systems, and/or an overall positive transformation of the way users work.

For more information and the complete Top 20 list, please visit <u>http://crn.com/slide-shows/channel-programs/300072660/the-top-20-most-innovative-midmarket-cios.htm.</u>





SAVE THE DATE August 23, 2014 1st Annual AMP Lineworker Rodeo AMP headquarters in Columbus, Ohio

Calendar

May 14—Sustainability Subcommittee Webinar Email jblankenship@amppartners.org for log-in info

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

May 19-23—Lineworker Training Basic 1 AMP Headquarters, Columbus

May 21—AMP Regional Safety Meeting *Piqua*, 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

June 30-July 2—Hotline Training AMP Headquarters, Columbus

July 24—AMP Finance & Accounting Subcommittee Meeting AMP Headquarters, Columbus

Aug. 23—AMP Lineworkers Rodeo AMP Headquarters, Columbus

Aug. 28—AMP Finance & Accounting Subcommittee Meeting Johnstown, Pennsylvania

Sept. 8-12—Lineworker Training Basic 2 AMP Headquarters, Columbus

Sept. 11—AMP Finance & Accounting Subcommittee Meeting *Piqua, Ohio*

Sept. 22-26—Lineworker Training Advanced AMP Headquarters, Columbus

Oct. 5-11—Public Power Week activities in member communities

Oct. 6-8—Underground Training AMP Headquarters, Columbus

Oct. 27-30—AMP/OMEA Conference *Hilton Columbus at Easton, Columbus*

Oct. 28—AMP Finance & Accounting Subcommittee Meeting Hilton Columbus at Easton, Columbus

Dec. 4—AMP Finance & Accounting Subcommittee Meeting AMP Headquarters, Columbus

Update Classifieds

Clinton seeks lineworker

The Village of Clinton I has an immediate opening for a lineworker in its Electrical Department. A journeyman lineman is the preferred level of knowledge, skill, and ability; however, the village will consider those with some level of training and/or experience in the electrical field. Duties include being responsible for the operation, maintenance and construction of the village's municipal electric distribution system.

Must have a high school diploma or GED; have or can obtain a CDL driver's license; mechanical knowledge and experience operating equipment such as an aerial bucket truck, digger derrick truck, backhoe and power tools preferred. The successful candidate, if less experienced, must promptly complete the lineworker apprenticeship program and become a jouneyman lineworker.

Clinton offers an attractive wage and benefit package. Salary is commensurate with experience.

Applications are available at the Village of Clinton website <u>www.villageofclinton.org</u>. Please submit a completed job application and resume by June 17, 2014 to Village of Clinton, 119 E. Michigan Avenue, Clinton MI 49236.

Director of IT position open in City of Hamilton

The City of Hamilton, Ohio (pop. 63,000) is seeking candidates for Director of Information Technology.

Qualifications include a bachelor's degree from an accredited college or university with a major in management information systems, information technology, computer science, or a closely related field; and five years of progressively responsible information technology experience at the management level or above, two years of which were at the assistant director or director level; or an equivalent combination of education, training and work experience. MBA or an MPA advanced degree from an accredited college or university is desirable.

Candidates should send cover letter, resume, salary history and five business references in Word or PDF format to: Civil Service Dept., One Renaissance Center, 345 High St. First Floor, Hamilton, OH 45011 by email to: <u>cspersonnel@ci.hamilton.oh.us</u> or by fax to: 513.785.7037. The City of Hamilton is an EEO & AAE. Minorities and women are encouraged to apply.

Fiscal officer position available in Village of New Knoxville

The Village of New Knoxville is accepting applications and resumes for the fulltime position of Village Fiscal Officer. Candidates for this fulltime position must be very computer literate and have excellent skills in Microsoft Word and Excel. Experience with Uniform Accounting Network (UAN) software for municipal accounts payable, accounts receivable, utilities and payroll is also a significant benefit for this position. Experience in human resources issues such as health care, OPERS, worker's compensation and COBRA are also assets for candidates.

Wages will be commensurate with skills and experience. Target annual salary for this position is \$27,750.00 to \$37,250.00. The village fiscal officer works closely with the mayor, village council, village administrator, all village employees and the auditor of the State of Ohio.

Applications can be obtained at the Village Hall in New Knoxville at 101 S. Main St. in New Knoxville, OH or online at <u>www.newknoxville.com</u>. Submit application and resume, including references: Attention: Village Administrator, 101 S. Main St., P.O. Box 246, New Knoxville, OH 45871.

Applications will be accepted until the position is filled. Inquiries can be made at: <u>admin@newknoxville.com</u>.

Danville is looking for electric substation superintendent

The Utilities Department is seeking an experienced candidate to perform administrative and expert technical support for the Substation and Meter Department as well as coordinating the dispatch/control of power supply. Electric substation superintendent will be responsible for preparing the budget and monitoring expenditures, programming; testing and calibrating all meters; handle customer complaints; providing technical support for meter technicians; supervise meter technicians, substation technicians and systems operators.

Qualified candidates will have the ability to read, understand, and interpret financial reports and/or legal documents; the ability to supervise, train, motivate, and discipline authorized personnel. Must have broad knowledge in a general professional or technical field or a bachelor's degree in related field. Possession of valid drivers license required; Starting salary range: \$56,993 -\$68,391/Annual. Position open until filled Apply online: www.danville-va.gov Equal Opportunity Employer

Cleveland Public Power seeks candidates for consulting engineer, senior lineworker

Cleveland Public Power is seeking applicants for two positions: Consulting Engineer and Senior Lineworker.

Consulting Engineer: Candidates should have a bachelor's degree in electrical engineering or closely related field from an ABET accredited four-year college

CLASSIFIEDS continued from Page 5

or university (or equivalent as determined by the Ohio Board of Registration of Professional Engineering and Surveyors). A Master's Degree is preferred. Candidates must be registered as a Professional Engineer (PE) in the State of Ohio or if PE license is in another state, candidates must have applied for an Ohio PE license at the time of hire and obtain it within four months of the date of hire. Three years of full time paid experience in Distribution substation Engineering, GIS, and AutoCAD; five years is preferred.

Senior Lineworker: Candidates should have a high school diploma or GED and must have completed a four-year Apprenticeship Program or Electrical Lineman program. Two years of full time paid experience as a High Tension Lineman or equivalent. May be required to work overtime during emergencies and for emergency call outs. Must be able to lift and carry 75 pounds. A valid State of Ohio Class "A" Commercial Driver's License with Air Brake Endorsement is required.

Interested applicants for either position should submit a cover letter and resume to Danyelle Conner, DPU Employment Services Manager, 1201 Lakeside Ave., Cleveland, Ohio 44114, or email to <u>dconner@clevelandwpc.com</u>.

Tipp City accepts applications for two open positions

The Tipp City Electric Department is accepting applications for the positions of Tree Trimmer/Arborist and City Engineer.

Tree Trimmer/Arborist: A preference of three years' experience in aerial lift operation, tree climbing, rigging and chipper operation is required. Class A CDL with trailer certification will be required within six months of employment. Arborist certification will be required within a one-year period from date of hire. This position will require periodic drug and alcohol testing, work in inclement weather, on-call and non-traditional hours. Excellent wage and benefits package. Pay Range is \$18.31 to \$23.33/hour. Send resume and application to City Manager's Office, Tipp City Government Center 260 S. Garber Dr., Tipp City, Ohio 45371 by 4 p.m. May 16, 2014. Tipp City is an equal opportunity employer.

<u>City Engineer:</u> The ideal candidate will be a State of Ohio Registered Professional Engineer (PE) in civil engineering or related field with at least five years progressively responsible municipal engineering and management experience, preferably in the State of Ohio. Responsibilities include preparation of the department's annual operating and capital budgets; overseeing the Street, Park, and Engineering Departments, acts as LPA coordinator for ODOT projects, prepares RFP, RFQ, & technical specifications for projects, recommends equipment purchases, performs inspections, etc. This is a key position for overall City management and public policy development. Salary range: \$75,785 to \$94,425 depending on experience and qualifications. Submit resume with cover letter to Bradley Vath, Acting City Manager, 260 S. Garber Dr., Tipp City, Ohio 45371-3116 or <u>vathb@tippcity.net</u>, until May 16, 2014.

Orrville to hold civil service exam for wastewater treatment plant operator position

The City of Orrville - Utilities Dept. seeks applicants for a Wastewater Treatment Plant Operator I. Position is by application and Civil Service Exam only. Online applications will not be accepted.

Applicants must have a high school diploma or equivalent, plus have Class I Wastewater Operator's Certificate issued by the State of Ohio EPA. A copy of your certificate must accompany your application. Candidates must be able to perform the essential functions of the position with or without reasonable accommodation and be drug free. Pay range is \$19.39 to \$24.25, plus benefits. Note: The City of Orrville will not consider for employment nor, hire any individual who smokes or uses any form of tobacco products.

The exam is open to all citizens and those who have legally declared their intentions of becoming United States citizens and will be held at 6 p.m. June 4 at Schmid Hall, 501 Hall St. in Orrville.

Application period is 8 a.m. to 5 p.m. weekdays, ending at 5 p.m. May 15, 2014 at the City of Orrville Human Resources Office, 207 N. Main St., Orrville, Ohio, 44667. Applications are available at <u>www.orrville.com</u>.

The City of Orrville is an equal opportunity employer. Reasonable accommodation or testing will be made for applicants with disabilities with 72 hour notice.

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.

American Municipal Power, Inc. 1111 Schrock Road

Suite 100 Columbus, Ohio 43229 614.540.1111

FAX 614.540.1113 www.amppartners.org





Legislative Bulletin

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Committee Schedule

May 9, 2014

HB 490

The Ohio General Assembly spent the early part of the week focusing on the primary election. Many members had major primary challenges and many issues were on the ballot, both locally and statewide. The Municipal League actively supported State Issue 1, which expanded the ability of local governments to issue bonds. That issue passed overwhelmingly, showing once again that the people of Ohio are willing to invest in critical infrastructure.

As we have suggested previously, during the summer months, when your elected officials are in your communities contacting you and the rest of their constituents, asking for advice on what actions should be taken when they return to the Statehouse, please take that opportunity to share with them the need for cities and villages to be able to raise revenue on the local level and to protect the integrity of the municipal income tax.

MID BIENNIAL REVIEW BEGINS HEARINGS IN SENATE

This week the Senate continued hearings on the Mid Biennial Review bills passed by the House of Representatives several weeks ago. The League maintained a presence at these hearings and continued to voice the concerns of Ohio's cities and villages.

The following MBR bills were examined by Senate Committees this week:

HB 483	MBR APPROPRIATIONS (Amstutz, R.)2nd Hearing-Proponent
HB 484 🔳	MBR HIGHER EDUCATION (Rosenberger, C., Brown, T.)2nd Hearing- Proponent
HB 492 🔳	MBR TAX ADMINISTRATION (Scherer, G.)2nd Hearing-Proponent
HB 487 🔳	MBR EDUCATION (Brenner, A.) –1st Hearing-All testimony (Pending referral)

MBR ENVIRONMENT (Hall, D., Thompson, A.) --4th Hearing-Proponent

HB 490 MBR ENVIRONMENT (Hall, D., Thompson, A.) –4th Hearing-Proponent

HB 486 MBR WORKFORCE (Baker, N., Stebelton, G.) --1st Hearing-Sponsor

Meanwhile, the House continued holding hearings this week regarding the following:

HB 491 MBR GAMING (Buchy, J., Blessing, L.) –3rd Hearing-All testimony-Possible amendments & vote

CALL FOR WITNESSES FOR EXPANDED INVESTMENT AUTHORITY

The OML is currently seeking members who would like to testify on HB 459 / SB 287. This bill would expand authority of cities to invest interim and inactive funds. The bill would expand allowable investments to municipal bonds.

Written testimony is preferred but oral testimony will be taken on Wednesday May 14th.

If you would like to submit written testimony or testify for about this bill, please contact legislative advocate Josh Brown: (614) 221-4349 jbrown@omlohio.org

OIL AND GAS SEVERANCE TAX BILL - HB 375

The House Ways and Means committee held an 8th hearing on

HB 375 Wednesday, with another substitute version of the proposal expected to be presented for the committee's consideration. The league has been working closely with legislators and other local government organizations to addresses concerns we have with the degree of support local governments can expect to receive through the legislation who are being negatively impacted by the increase in demand for services, as a result of the expanded drilling activities in the Ohio Shale regions.

We are hopeful that there will be a greater consideration given for a fair distribution of new revenue generated by the revised Severance tax to these impacted local governments, as they work to insure the health and safety of existing residents and the new activities that accompany new opportunities.

The following provisions are what the Committee is discussing at this time:

Rate:

- Rate of 2.5% for horizontal drillers. (Up from 2.25% in sub-bill)
- Rate of 10 cents a barrel of oil and 11/2 cents per MCF of natural gas for vertical drillers. (Revert to introduced language)
- Cost recovery a blanket \$10M exemption for horizontal wells (no cost recovery for vertical wells) will replace the time period currently in the sub-bill.

- Gross Receipts compromise language.
- Affiliate Language compromise language.

Credits/Exemptions: (Unchanged from Current Bill)

- Gross receipts related to oil and gas revenue from taxpayers who have both an income and severance tax liability are exempt from the Commercial Activities Tax.
- Ohio resident landowners are eligible for a income tax credit for their severance tax liability up to 12.5% of the total severance tax due attributable to their lands.

Disbursement:

- The first \$21 million in revenue goes to fund the Ohio Department of Natural Resources in the following manner: (Unchanged)
- \$15 million for the department's regulatory functions
- \$3 million for the department's idle and orphan well program
- \$3 million for the department's geological mapping program
 - Fifteen percent of the total severance tax revenue will be distributed to local governments in the following manner:
 - Hold the Local Government and the Public Library Funds harmless. Of the remainder:
 - \sim The money is distributed to counties in proportion to the statewide share of oil and gas revenue they produce.
 - $\sim 20\%$ goes to counties; budget commission will decide must be used on capital.
 - $\sim~5\%$ goes toward a township road maintenance fund.
 - \sim 75% goes toward the Ohio Shale Gas Infrastructure Development Fund, with the Ohio Shale Gas Regional Commission making awards. (of this 85% goes to infrastructure projects and 15% goes to a legacy fund)
 - $\sim PWC$ will manage application and award the grants.

 \sim The Ohio Shale Gas Regional Commission is made up of 3 county commissioners, 3 township trustees, 3 municipal leaders, 1 economic development leader and 1 representative of the oil and gas industry.

• The balance will provide annual income tax relief to Ohioans through the Ohio Income Tax Reduction Fund. (Unchanged)

Other:

• Compromise language from Ohio Environmental Council and OOGA creating the Idle and Orphan Well Program which identifies, locates and plugs wells throughout the state. They would have to create and maintain a statewide inventory of such wells, provide annual reports and seek cost recovery of plugging the wells.

DATAOHIO INITIATIVE

On Tuesday, the House State and Local Government Committee will continue to hold hearings on the DataOhio Initiative, which is a series of four bills proposed by Representatives Mike Duffey and Christina Hagan that would create new optional standards for local government accounting and offer grants for meeting certain accounting reporting requirements. The Committee is expected to take up several amendments.

The League has continued to stress the importance of not adding additional burdens to already heavily burdened local communities. We have been in consistent communications with the bill sponsors about our concerns.