MEMORANDUM

To: Mayor & Members of CouncilFrom: Jon BisherSubject: General InformationDate: March 8, 2013

I will be at the APPA Legislative Rally in Washington, DC Sunday - Wednesday. In my absence, I have appointed Chad as the Acting City Manager.

CALENDAR

AGENDA – Electric Committee; Monday, March 11th @ 6:30 pm

- Approval of Minutes –
 a. The minutes from the February 11th meeting are attached.
- 2. Review/Approval of the Electric Billing Determinants for March, 2013
 - *a.* Attached are the Billing Determinant Reports, Rate Review Comparison to Prior Periods, and Power (Energy) Cost Factor History for March.
- 3. *Electric Department Report* the February 2013 report is enclosed.
- 4. *Beneficial Use and Purchase of Eastlake Power* someone from AMP will be at the April meeting with a presentation on this project.

AGENDA – Board of Public Affairs; Monday, March 11th @ 6:30 pm

AGENDA – Water, Sewer, Refuse, Recycling & Litter Committee; Monday, March 11th @ 7:00 pm

- 1. Approval of Minutes the November 12, 2012 meeting minutes are enclosed.
- 2. Spring and Fall Pickup Schedules and Operations please see the enclosed Memo from Chad

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

- 1. Approval of Minutes the minutes from the October 8, 2012 meeting are enclosed.
- 2. *PC 13-03 Review of Changes to Planning and Zoning Codes* a copy of the changes presented to the Planning Commission are attached.
- 3. *Review of Economic Development Incentives for the Possible Expansion of an Existing Napoleon Business in Napoleon* – Rob will be at the meeting to discuss this item.

AGENDA – Special Joint Meeting of City Council, Parks & Recreation Board and Parks & Rec Committee; Wednesday, March 13th @ 6:30 pm

Tony Cotter has enclosed a Memorandum for each agenda item listed below:

- 1. Review of the Municipal Operations of the Golf Course
- 2. Outsource Management of the Municipal Swimming Pool
- 3. City Employee Discounts
- 4. Reduce Parks and Recreation Department Staffing by 1.5 FTE
- 5. Outsource of Cemetery Mowing, Burial and Maintenance Functions

AGENDA – Napoleon Infrastructure/Economic Development Fund Review Committee; Friday, March 15th @ 9:00 am

MEETINGS CANCELLED:

- 1. Board of Zoning Appeals
- 2. Planning Commission

INFORMATIONAL ITEMS

Bill to Streamline Municipal Tax Collection

JAB:rd Records Retention CM-11 - 2 Years

Monthly Calendar

March 1 - 31, 2013



Oalendar

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
24	25	26	27	28	1	2
AMP - Bisher (Arizona)	6:30 PM Finance & Budget	AMP - Bisher (Arizona)		BISHER - Vacation	BISHER - Vacation	BISHER - Vacation
	Committee Meeting					
	7:30 PM Safety & Human Resources Committee Meeting					
	AV - Sheryl					
	AMP - Bisher (Arizona)					
			-			
3	4	5	6	7	8	9
BISHER - Vacation	6:45 PM Public Hearing (CDBG/HOME/OHTF					
	Programs)					
	7:00 PM City COUNCIL					
	Meeting					
	8:00 PM Technology & Communication Committee					
	AV - Dan					
10	11	12	13	14	15	16
APPA Conference - DC: Bisher		APPA Conference - DC: Bisher,		17	15	10
	BOPA Meeting		Parks & Rec Board and Parks			
	7:00 PM Water/Sewer		& Rec Committee			
	Committee Meeting		APPA Conference - DC: Bisher,			
	7:30 PM Municipal Properties/ED Committee		AV - Rox			
	Meeting					
	AV - Rox					
	APPA Conference - DC: Bisher,					
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17	18	19	20	21	22	23
17	6:00 PM City TREE	19	20 AMP - Bisher	21 AMP - Bisher	22	23
17	6:00 PM City TREE Commission Meeting	19			22	23
17	6:00 PM City TREE Commission Meeting 7:00 PM City COUNCIL	19			22	23
17	6:00 PM City TREE Commission Meeting 7:00 PM City COUNCIL Meeting	19			22	23
17	6:00 PM City TREE Commission Meeting 7:00 PM City COUNCIL Meeting 8:00 PM Parks & Rec Committee Meeting	19			22	23
17	6:00 PM City TREE Commission Meeting 7:00 PM City COUNCIL Meeting 8:00 PM Parks & Rec	19			22	23
17	6:00 PM City TREE Commission Meeting 7:00 PM City COUNCIL Meeting 8:00 PM Parks & Rec Committee Meeting	19			22	23
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City of Napoleon, Ohio

ELECTRIC COMMITTEE

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

Meeting Agenda

Monday, March 11, 2013 at 6:30 PM

- I. Approval of Minutes (In the Absence of any Objections or Corrections, the Minutes Shall Stand Approved)
- II. Review/Approval of the Electric Billing Determinants for March: Generation Charge: Residential @ \$.07757; Commercial @ \$.09706; Large Power @ \$.05188; Industrial @ \$.05188; Demand Charge Large Power @ \$12.30; Industrial @ \$13.61; JV Purchased Cost: JV2 @ \$.01989; JV5 @ \$.01989
- III. Electric Department Report
- IV. Beneficial Use and Purchase of Eastlake Power
- V. Any Other Items Currently Assigned to Committee

Gregory J. Heath, Finance Director/Clerk of Council

City of Napoleon, Ohio ELECTRIC COMMITTEE

Meeting Minutes Monday, February 11, 2013 at 6:30 PM

PRESENT	I
Electric Committee	Travis Sheaffer – Chair (arrived at 6:37 pm), Patrick McColley, Jason Maassel
BOPA	Keith Engler – Chair, Mike DeWit, Dr. David Cordes
City Staff	Dr. Jon A. Bisher, City Manager
	Dennis Clapp, Electric Superintendent
	Roxanne Dietrich, Executive Assistant
	Trevor Hayberger, Law Director
	Gregory J. Heath, Finance Director/Clerk of Council
Recorder	Barbara Nelson
Others	Jim Hershberger
ABSENT	
	None
Call To Order	Acting Chairperson McColley called the meeting to order at 6:30 PM.
Approval Of Minutes	The January 14 meeting minutes stand approved as presented with no
	objections or corrections.
Review Of Determinants	The electric billing determinants for February were presented for review.
	Heath noted a credit of \$5,952 for JV5 RECs.
Motion To Accept BOPA	Motion: Maassel Second: McColley
Recommendation For	To accept the BOPA recommendation for approval of electric billing
Approval Of Electric Billing	determinants for February 2013 as follows:
Determinants	Generation Charge: Residential @ \$.07971; Commercial @ \$.09915; Large
	Power @ \$.04923; Industrial @ \$.04923; Demand Charge Large Power @
	\$14.14; Industrial @ \$15.46; JV Purchased Cost: JV2 @ \$.05595; JV5 @
	\$.05595
Passed	Roll call vote on above motion:
Yea-2	Yea- Maassel, McColley
Nay-0	Nay-
ing o	
Electric Department Report	Clapp gave the Electric Department Report (attached). (Sheaffer arrived.)
	Maassel asked Clapp to have the guys check the wires in the trees in the 500
	block of Haley. Clapp said he will. Bisher said Heath sent bill stuffers for the
	EcoSmart program and received 10 applications as of today.
Motion To Untable	Motion: Maassel Second: McColley
Performance Audit For The	To remove <i>Performance Audit For The Electric Department</i> from the table
Electric Department	
Daggad	Roll call vote on above motion:
Passed Yea-3	
	Yea- Maassel, Sheaffer, McColley
Nay-0	Nay-
	Heath said he does not know if Courtney & Associates scope is the same as the
	State Auditor, but the estimate is \$7,500. It's been over 5 years since Courtney
	•
Meeting Minutes	1 2/14/2013

	did a cost of service study. This is an additional \$20,000. Bisher said credit agencies ask if a cost of service study has been done within 5 years. Heath said the 3 proposals for the performance audit for the Electric Department are: Hometown Connections - \$14,000 Auditor of State - \$17,220 Courtney & Associates - \$7,500 Sheaffer said he would rather not do a performance audit for electric. It will say we are very efficient as it was for other departments. McColley said we need a rate study for bond ratings. Maassel said the performance audit did not say we were overstaffed anywhere.
Motion <u>Not</u> To Do A Performance Audit For	Motion: McColley Second: Maassel <u>Not</u> to do a performance audit for the electric department
Electric	Roll call vote on above motion:
Passed	Yea- Maassel, Sheaffer, McColley
Yea-3 Nay-0	Nay-
Nay-0	Bisher reported that Chief Weitzel was not at this meeting because his wife passed away last night.
Electric Motion To Adjourn	Motion: MaasselSecond: McColleyTo adjourn the meeting at 7:00 PM
Passed	Roll call vote on above motion:
Yea-3	Yea- Maassel, Sheaffer, McColley
Nay-0	Nay-
Date	Travis Sheaffer, Chair

REVIOUS MONTH'S POWER BILLS - PUP	CHASED POM		COST ALLOCA	TIONS BY DEM	14ND & ENEPC	<u>.</u>		
PREVIOUS MONTH'S POWER BILLS - PUP DATA PERIOD	MONTH		DAYS IN MONTH	TIONS OT DEM	SYSTEM PEAK			
	ANUARY, 2013		31		25,377		1	
	EBRUARY, 2013	•	28	11	20,577			
	ARCH, 2013		31			· · · · · ·		
			51	· · · · ·		· · ·		
([!]	AMPGS	AMPGS	1		NAPOLEON	PRAIRIE	NORTHERN	FREEMONT
PURCHASED POWER-RESOURCES -> (REPLACEMENT	REPLACEMENT	AMP CT	NYPA	SOLAR	STATE	POWER	ENERGY
	2013 5x16 @ AD	2013 7x24 @ AD	SCHED. @ ATSI	SCHED. @ NYIS	SCHED. @ ATSI	SCHED. @ PJMC	POOL	
Delivered kWh (On Peak) ->	1.760,000	5.208.000	5.252	494,088	80,307	2,449,997		SCHEDULED
Delivered kWh (Off Peak) ->		0,200,000	0.202		00,001	2,449,997	8,357	4,155,35
Delivered kWh (Losses/Offset) ->			··			· · · · · ·	257.551	
Delivered kWh (Credits) ->				1999 - 19	· · ·	÷	0.005 471	÷
				······································			-2.295 471	
Net Total Delivered kWh as Billed ->	1,760,000	5,208,000	5,252	494,088	80,307	2,449,997	-2,029,563	4,155,351
Percent % of Total Power Purchased->	12 1042%	35 8174%	0 0 361%	3 3980%	0.5523%	16 8496%	-13 9581%	28 5780%
a service and the service of the ser						· · · · · · · · · · · · · · · · · · ·		20.01007
POWER - COSTS OF ENERGY, DEMAND, REACTIVE,	TAXES, FEES, CRE	DITS & OTHER AD.	JUSTMENTS:					
DEMAND CHARGES (Debits)			· · · · · · · · · · · · · · · · · · ·	······································		· · · · · · · · · ·		
Demand Charges			\$22,940 00	\$6,074 99	\$3,699.18	\$42,661 27		\$27,528 38
Debt Services (Principal & Interest)						\$111,026.32	• •	\$44,251.84
Capital Improvements	- • • • • • • • • • • • • • •							
Norking Capital			P					
diana and a second and a second and a second							•	
DEMAND CHARGES (Credits)							· · · · · ·	
Fransmission Charges		-	-\$29,470 44					· ·
Capacity Credit			-\$26,164.00	-\$2,183 85		-\$1,995.05		-\$5,260.20
Sub Total Comment Channel	***************************************			***************************************	*****		***************************************	
Sub-Total Demand Charges	\$0.00	\$0.00	-\$32,694.44	\$3,891.14	\$3,699.18	\$151,692.54	\$0.00	\$66,520.02
ENERGY CHARGES (Debits):		· .						
Energy Charges - On Peak		.						
	\$121,809.60	\$311,178.00	\$265 33	\$6,670.24	-\$6 678 03	\$42,907 57	\$187 01	\$120,471.0
Energy Charges - Off Peak							\$5,101.06	
Net Congestion, Losses, FTR ESPP Charges	\$2,066.30	\$4,981 12	·			\$10,628.82	:	\$11.381.3
						en e		
Bill Adjustments	· · · · ·							\$33.08
	and the second second							
ENERGY CHARGES (Credits):			-					
Energy Charges - On Peak (Sale or Rate Stabilization)						-\$61,841.05	-\$75,006 28	
Net Congestion, Losses, FTR	a server a server a			-\$7,290.48				
Bill Adjustments				\$470.18				
Sub-Total Energy Charges	\$123,875.90	\$316,159.12	*065 00	e 4 5 0 0 0	AA #80 00			
	0120,010.00		\$265.33	-\$150.06	-\$6,678.03	-\$8,304.66	-\$69,718.21	\$131,885.48
COMBINED DEMAND & ENERGY (Debits & Credits A	located by Ratio h	efween Domand & I	Energyl - Service E	or Dilling and Dat	A direct manda	·		
RPM Charges Capacity - (Debit)		surven bemand 6 1		es, oning and Rat	<u>e Aujustments:</u>			
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)	1					• .		
· · · · · · · · · · · · · · · · · · ·			***************************************				······	
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0,00	\$0.00	\$0.00
TOTAL - ALL COSTS TO ALLOCATE	\$123,875.90	\$316,159.12	-\$32,429.11	\$3,741.08	-\$2,978.85	\$143,387.88		
Rutabased Baues Const							-\$69,718.21	\$198,405.50
Purchased Power Resources - Cost per kWH->	\$0.070384	\$0.060706	-\$6.174621	\$0.007572	-\$0.037093	\$0.058526	\$0.034351	\$0.047747

BILLING DETERMINANTS for BI	-		-	· ···· ·				
			-					
PREVIOUS MONTH'S POWER BILLS - PU		· · · · ·			· ·· ·			
DATA PERIOD MP-Ohio Bill Month							· · · · · · · · · · · ·	
City-System Data Month	· ·	•					···· ·	
City-Monthly Billing Cycle								
Suy-morality Diffing Cycle		· · · ·					· · · · · · · · · · · · · · · · · ·	
а така стана ст	EFFICIENCY	JV-2					·	
PURCHASED POWER-RESOURCES -> (SMART	PEAKING	JV-5	JV-6	TRANSMISSION	SERVICE FEES	CITY RATE	TOTAL -
	POWER PLANT	1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 -	HYDRO	WIND	CHARGES	DISPATCH, A & B	ADJUSTMENT	ALL
Delivered kWh (On Peak) ->	O	SCHED. @ ATSI	7x24 @ ATSI	SCHED. @ ATSI	Other Charges	Other Charges	ADDER	RESOURCES
Delivered kWh (Off Peak) ->	Ů,	21	2,297,472	86,065				16,544,9
Delivered kWh (Losses/Offset) ->		,	00 (00 ⁻				• • • • • • • • • •	257,5
Delivered kWh (Credits) ->		•	33,402					33,4
Denvered Ravin (Credits) **					· ·	*****		-2,295,4
Net Total Delivered kWh as Billed ->	O	21	2,330,874	86,065	 0		0	14,540,3
Percent % of Total Power Purchased->	0.0000%	0 0001%	16 0303%	0.5919%	0 0000%	0 0000%	0.0000%	99 999
		· · · · · · · · · · · · · · · · · · ·		0.001071	0 000072	0.000078	Verification Total - >	99.999
OWER - COSTS OF ENERGY, DEMAND, REACTIVE,								33.353
DEMAND CHARGES (Debits)		· •			• • • •		· · · · · · · · · · · · · · · · · · ·	
Demand Charges		\$282.53	\$11,623 99	\$1,352 13	\$74,588.12		e e e e comunita	\$190,750
Debt Services (Principal & Interest)		2	\$64,474.06	\$3,531.00			· · · · · · · · · · · · · · · · · · ·	\$223,283
Capital Improvements	`	`		1.11.12.12			· · · · · · · · · · · · ·	\$0
Vorking Capital	•			a de compañía	4 - 14 - 14 -		with the second s	\$0
			* *		•		• • • • • • • • • • • • • • • • • • • •	.
DEMAND CHARGES (Credits)			•.		r	· · · · ·	the second s	
Fransmission Charges	·	-\$729.93	-\$6,834 03	-\$168 17		•	en e	-\$37,202
Capacity Credit		\$380.66	-\$6,515.68	-\$152.36			,	-\$42,651
					******			+#+£,001.
Sub-Total Demand Charges	\$0.00	-\$828.06	\$62,748.34	\$4,562.60	\$74,588.12	\$0.00	\$0.00	\$334,179.
ENERGY CHARGES (Debits);							· · · · · · · · · · · · · · · · · · ·	
Energy Charges - On Peak		\$1.27	\$55.296.09		\$19,177.33		·	\$671,285
Energy Charges - Off Peak								\$5,101
Net Congestion, Losses, FTR					•			\$29,057
ESPP Charges	\$38,168 43				;		· · · · · · · · · ·	\$38,168
3II Adjustments	*	\$17.54		_	: •			\$50
					1 · · ·		·	
ENERGY CHARGES (Credits):			-		• •			
Energy Charges - On Peak (Sale or Rate Stabilization)					• •			-\$136,847
Net Congestion, Losses, FTR								-\$7,290
Bill Adjustments					.			\$470
Sub-Total Energy Charges	\$38,168.43	\$18.81	\$55,296.09	#A 20		*****		**************************************
	440,100,49	310.01	\$00,Z90.09	\$0.00	\$19,177.33	\$0.00	\$0.00	\$599,995.
COMBINED DEMAND & ENERGY (Debits & Credits A					•		с	
RPM Charges Capacity - (Debit)			,	1 A. A.	\$56 672 67			
RPM Charges Capacity - (Credit)	· ,				t 1		,	\$56,672
Service Fees AMP-Dispatch Center - (Debit/Credit)	·				-\$5 338 29		• • • • • • • • • •	-\$5,338
Service Fees AMP-Part A - (Debit/Credit)					;	\$1.258.32		\$1,258
Service Fees AMP-Part B - (Debit/Credit)	· · · · ·		1		• •	\$1,625.29	All the second s	\$1,625
Other Charges & Bill Adjustments - (Debit/Credit)	· •	•			,	\$7,030.55		\$7,030
City Rate Adjustment in Cost of Power (1)	· · · · ·				• • •		· · · · · · · ·	\$0
	***************************************	************************					\$60,000 00	\$60,000
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$51,334.38	\$9,914.16	\$60,000.00	\$121,248
TOTAL - ALL COSTS TO ALLOCATE	\$38,168.43	-\$809.25	\$118,044.43	\$4,562.60	\$145,099.83	\$9,914.16	\$60,000.00	\$1,055,423
Purchased Power Resources - Cost per kWH->	\$0.000000	-\$38.535714	\$0,050644 (Northern Pool Pow	\$0.053013		\$0.000000	Venfication Total - > \$0.000000	\$1,055,423 \$0,0725 \$0.0198

BILLING DETERMINANTS for B	ILLING CYC	LE - MARO	CH. 2013				· · · ·	
2013 - MARCH BILLING WITH FEBRUARY 2013					•			
PREVIOUS MONTH'S POWER BILLS - PL			COST ALLOCA	TIONS BY DEN	AND & ENERG	Y		
DATA PERIOD	MONTH		DAYS IN MONTH		SYSTEM PEAK			
AMP-Ohio Bill Month	JANUARY, 2013		31		25,377	÷	,	· · · · · ·
City-System Data Month	FEBRUARY, 2013	-	28		20,017		,	
City-Monthly Billing Cycle	MARCH, 2013		31			*	1	~
	· · ·			-				
· · · · · · · · · · · · · · · · · · ·	AMPGS	AMPGS		-	NAPOLEON	PRAIRIE	NORTHERN	FREEMONT
PURCHASED POWER-RESOURCES -> (REPLACEMENT	REPLACEMENT	AMP CT	NYPA	SOLAR	STATE	POWER	ENERGY
	2013 5x16 @ AD	2013 7x24 @ AD	SCHED. @ ATSI	SCHED. @ NYIS	SCHED. @ ATSI	SCHED, @ PJMC	POOL	SCHEDULED
RATIOS COMPUTATION (By Billed Demand and Ene	rqy):	·)=000000000000000000000000000000000000	·	······································				
DEMAND Ratio	0 0000%	0 0000%	100 8182%	104 0111%	-124 1815%	105.7917%	0.0000%	33 5273%
ENERGY Ratio	100.0000%	100.0000%	-0.8182%	-4.0111%	224.1815%	-5.7917%	100,0000%	66.4727%
Venfication Total-Ratio's = 100 0000%	100.0000%	100 0000%	100 0000%	100 0000%	100.0000%	100.0000%	100.0000%	100.0000%
COST ALLOCATION TO SERVICE FEES & BILLING	ND RATE ADJUST	MENTS - By DEMAN	D and ENERGY RA	TIO'S:	· · ·			·
RPM Charges Capacity				· · ·				
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ENERGY - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Verification Total	\$0.00	\$0.00	\$0 00	\$0 00	\$0 00	\$0 00	\$0.00	\$0.00
Service Fees-AMP Charges (Dispatch, Part A & Part	B)			· · ·				
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0 00	\$0.00	\$0.00	\$0.00
ENERGY - Allocation based on Ratio	\$0.00	<u>\$0.00</u>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Verification Total	\$0.00	\$0.00	\$0 00	\$0 00	\$0.00	\$0.00	\$0.00	\$0.00
Other Charges & Other Bill Adjustments			•					
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0 00	\$0.00	\$0.00
ENERGY - Allocation based on Ratio	\$0.00	<u>\$0 00</u>	\$0,00	\$0.00	\$0.00 [°]	\$0.00	\$0.00	\$0.00
Venfication Total	\$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	\$0.00
ENERGY - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0 00	\$0 00	\$0.00
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

BILLING DETERMINANTS for B	:							
2013 - MARCH BILLING WITH FEBRUARY 2013 I	1							
PREVIOUS MONTH'S POWER BILLS - PU	an a stat			· · · · · ·				
DATA PERIOD	·							
AMP-Ohio Bill Month		1997 - 19			2 C	· · · · ·		
City-System Data Month	. 4	4 M						
City-Monthly Billing Cycle		••						
	··· · ·	· .				•		
	EFEICIENCY	JV-2	JV-5	JV-6	TRANSMISSION	SERVICE FEES		TOTAL -
	SMART		and the second	WIND			CITY RATE	
PURCHASED POWER-RESOURCES -> (PEAKING	HYDRO	and the second	CHARGES	DISPATCH, A & B	ADJUSTMENT	ALL
	POWER PLANT	SCHED, @ ATSI	7x24 @ ATSI	SCHED. @ ATSI	Other Charges	Other Charges	ADDER	RESOURCES
RATIOS COMPUTATION (By Billed Demand and Ener		· · · · · · · · · · · · · · · · · · ·				A-AMP RATIO	B-CITY RATIO	
DEMAND Ratio	0.0000%	102.3244%	53.1565%	100 0000%	79.5476%	35 7216%	38 0297%	
ENERGY Ratio	100.0000%	-2.3244%	46.8435%	0.0000%	20.4524%	<u>64.2784%</u>	61.9703%	
Verification Total-Ratio's = 100.0000%	100.0000%	100.0000%	100.0000%	100 0000%	100.0000%	100.0000%	100 0000%	
COST ALLOCATION TO SERVICE FEES & BILLING A	· · · · · ·						*	TOTALS
RPM Charges Capacity	·····			`			•	
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$40,835 24	\$0.00	\$0.00	\$40,835 24
ENERGY - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$10,499.14	\$0.00	\$0,00	\$10,499,14
Verification Total	\$0.00	\$0.00	\$0.00	\$0 00	\$51,334 38	\$0.00	\$0.00	\$51,334.38
Service Fees-AMP Charges (Dispatch, Part A & Part			•				•••••	
DEMAND - Allocation based on Ratio	\$0.00		\$0.00	\$0.00	\$0.00	\$3,541.50	\$0.00	\$3,541.50
ENERGY - Allocation based on Ratio	\$0.00		\$0.00	\$0.00	\$0,00	\$6,372.66	\$0.00	\$6,372.66
Verification Total	\$0.00		\$0.00	\$0 00	\$0.00	\$9,914.16	\$0.00	\$9,914,16
Other Charges & Other Bill Adjustments		· · · · · ·		. • • • • •			00.00	00,071.10
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ENERGY - Allocation based on Ratio	\$0.00		\$0.00	\$0.00	\$0.00	• • · · · · · · · · · · · · · · · · · ·	\$0.00	\$0.00
Verification Total	\$0 00		\$0.00	\$0 00	\$0.00	\$0.00	50 00	\$0.00
City Rate Adjustment in Cost of Power (1)		e					•••••	*****
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$22,817,82	\$22,817.82
ENERGY - Allocation based on Ratio	\$0.00		\$0.00	\$0.00	\$0.00	• * * * * * * * * * * * * * * * * *	\$37,182,18	\$37 182.18
Venfication Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0 00	\$0.00	\$60,000.00	\$60,000.00
Venfication Total	\$0.00	\$0.00	\$0.00	\$0.00	\$51,334.38	\$9,914,16	\$60,000 00	\$121,248.54

. . .

BILLING DETERMINANTS for BILLING CYCLE - MARCH, 2013

PREVIOUS MONTH'S POWER BILLS - PURCHASED POWER SUPPLY - COST ALLOCATION:

DATA PERIODMONTHAMP-Ohio Bill MonthJANUARY, 201331City-System Data MonthFEBRUARY, 201328		
AMP-Ohio Bill Month JANUARY, 2013 31 City-System Data Month FEBRUARY, 2013 28		PEAK
City-System Data Month FEBRUARY, 2013 28	•	25.377
City-Monthly Billing Cycle :MARCH, 2013	-	
		s

PURCHASED POWER SUPPLY - COST ALLOCATION WORKSHEET

and the second	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
ORSUCH -REGULAR & LOSSES SCHEDULED	\$0.00	\$123,875.90	\$0.00	\$0.00	\$0.00	\$0
FFICIENCY SMART POWER PLANT	\$0.00	\$316,159.12	\$0.00	\$0.00	\$0.00	\$0
MP CT SCHEDULED	-\$32,694.44	\$265.33	\$0.00	\$0.00	\$0.00	\$0
NYPA SCHEDULED	\$3,891.14	-\$150.06	\$0.00	\$0.00	\$0.00	\$0
IAPOLEON SOLAR SCHEDULED	\$3,699.18	-\$6,678.03	\$0.00	\$0.00	\$0.00	\$0
RAIRE STATE SCHEDULED	\$151,692.54	-\$8,304.66	\$0.00	\$0.00	\$0.00	\$0
ORTHERN POWER POOL	\$0.00	-\$69,718.21	\$0.00	\$0.00	\$0.00	\$C
REEMONT ENERGY SCHEDULED	\$66,520.02	\$131,885.48	\$0.00	\$0.00		\$0
-ARON PP and SALE	\$0.00	\$38,168.43	\$0.00	\$0.00		\$0
V-2 PEAKING SCHEDULED	-\$828.06	\$18.81	\$0.00	\$0.00		\$0
V-5 HYDRO	\$62,748.34	\$55,296.09	\$0.00	\$0.00		
V-6 WIND	\$4,562.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0
RANSMISSION CHARGES Other Charges	\$74,588.12	\$19,177.33	\$40,835,24	\$10,499.14		\$(
A - AMP Service Fees- Dispatch, A & B	\$0.00	\$0.00	\$0.00	\$0.00		\$6,372
- City Rate Adjustment Added to Cost of Power	\$0.00	\$0.00	\$0.00	\$0.00		\$C
5 - City Rale Adjustment Added to Cost of Power	40.00					
	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
C - Outdoor Lght Credit Reconciliation TOTALS - ALL RATIOS COMPUTATIONS (By Billed Demand and Energy	\$0.00 \$334,179.44	\$599,995.53	\$0.00 \$40,835.24	\$0.00 \$10,499.14		\$0
City Rate Adjustment Added to Cost of Power Outdoor Lght.Credit Reconciliation FOTALS - ALL RATIOS COMPUTATIONS (By Billed Demand and Energy A - AMP Service Fees - Ratio Allocation (Excluding Fotals - AMP All Billing Costs by Demand and Energy Ratios to Allocate AMP Service Fees <u>3 - City Rate Adjustment - Ratio Allocation (To Tot</u> Totals - All Billing Costs both Demand and Energy Ratios to Allocate City Rate Adjustment	\$0.00 \$334,179.44 <u>V):</u> JV2, JV5 & JV6, & Se (Excludes: JV2, JV5 &	\$599,995.53 rvice Fees)	\$40,835.24			\$0 \$6,372
Outdoor Lght Credit Reconciliation OTALS - ALL ATIOS COMPUTATIONS (By Billed Demand and Energy AMP Service Fees - Ratio Allocation (Excluding otals - AMP All Billing Costs by Demand and Energy Ratios to Allocate AMP Service Fees - City Rate Adjustment - Ratio Allocation (To Tot otals - All Billing Costs both Demand and Energy Ratios to Allocate City Rate Adjustment - Outdoor Street Lights and Miscellaneou - Ratio	\$0.00 \$334,179.44 <u>y):</u> JV2, JV5 & JV6, & Se (Excludes: JV2, JV5 & al Cost of Power)	\$599,995.53 <u>rvice Fees)</u> JV6, & AMP Servi	\$40,835.24	\$10,499.14		\$(
Outdoor Lght Credit Reconciliation OTALS - ALL ATIOS COMPUTATIONS (By Billed Demand and Energy AMP Service Fees - Ratio Allocation (Excluding otals - AMP All Billing Costs by Demand and Energy Ratios to Allocate AMP Service Fees - City Rate Adjustment - Ratio Allocation (To Tot otals - All Billing Costs both Demand and Energy Ratios to Allocate City Rate Adjustment - Outdoor Street Lights and Miscellaneou - Ratio otals - All Billing Costs both Demand and Energy	\$0.00 \$334,179.44 <u>y):</u> JV2, JV5 & JV6, & Se (Excludes: JV2, JV5 & al Cost of Power)	\$599,995.53 <u>rvice Fees)</u> JV6, & AMP Servi	\$40,835.24	\$10,499.14		\$0
Outdoor Lght Credit Reconciliation OTALS - ALL ATIOS COMPUTATIONS (By Billed Demand and Energy AMP Service Fees - Ratio Allocation (Excluding otals - AMP All Billing Costs by Demand and Energy Ratios to Allocate AMP Service Fees - City Rate Adjustment - Ratio Allocation (To Tot otals - All Billing Costs both Demand and Energy Ratios to Allocate City Rate Adjustment - Outdoor Street Lights and Miscellaneou - Ratio otals - All Billing Costs both Demand and Energy	\$0.00 \$334,179.44 <u>y):</u> JV2, JV5 & JV6, & Se (Excludes: JV2, JV5 & al Cost of Power)	\$599,995.53 <u>rvice Fees)</u> JV6, & AMP Servi	\$40,835.24	\$10,499.14		\$(
Outdoor Lght Credit Reconciliation OTALS - ALL ATIOS COMPUTATIONS (By Billed Demand and Energy AMP Service Fees - Ratio Allocation (Excluding otals - AMP All Billing Costs by Demand and Energy Ratios to Allocate AMP Service Fees - City Rate Adjustment - Ratio Allocation (To Tot otals - All Billing Costs both Demand and Energy Ratios to Allocate City Rate Adjustment - Outdoor Street Lights and Miscellaneou - Ratio otals - All Billing Costs both Demand and Energy Ratios to Allocate City Rate Adjustment - Outdoor Street Lights and Miscellaneou - Ratio rotals - All Billing Costs both Demand and Energy Ratios to Allocate City Rate Adjustment	\$0.00 \$334,179.44 <u>y):</u> <u>JV2, JV5 & JV6, & Se</u> (Excludes: JV2, JV5 & <u>al Cost of Power)</u> <u>Allocation (To ALL Co</u>	\$599,995.53 rvice Fees) JV6, & AMP Servi	\$40,835.24	\$10,499.14		\$(
Outdoor Lght Credit Reconciliation OTALS - ALL ATIOS COMPUTATIONS (By Billed Demand and Energy AMP Service Fees - Ratio Allocation (Excluding otals - AMP All Billing Costs by Demand and Energy Ratios to Allocate AMP Service Fees - City Rate Adjustment - Ratio Allocation (To Tot otals - All Billing Costs both Demand and Energy Ratios to Allocate City Rate Adjustment - Outdoor Street Lights and Miscellaneou - Ratio otals - All Billing Costs both Demand and Energy Ratios to Allocate City Rate Adjustment - Outdoor Street Lights and Miscellaneou - Ratio otals - All Billing Costs both Demand and Energy Ratios to Allocate City Rate Adjustment Other Cost and Reconciliation Items for Power Su	\$0.00 \$334,179.44 <u>y):</u> <u>JV2, JV5 & JV6, & Se</u> (Excludes: JV2, JV5 & <u>al Cost of Power)</u> <u>Allocation (To ALL Comply Cost Allocation W</u>	\$599,995.53 rvice Fees) JV6, & AMP Servi	\$40,835.24	\$10,499.14		\$(
Outdoor Lght Credit Reconciliation OTALS - ALL ATIOS COMPUTATIONS (By Billed Demand and Energy AMP Service Fees - Ratio Allocation (Excluding otals - AMP All Billing Costs by Demand and Energy Ratios to Allocate AMP Service Fees <u>3 - City Rate Adjustment - Ratio Allocation (To Tot</u> otals - All Billing Costs both Demand and Energy Ratios to Allocate City Rate Adjustment <u>2 - Outdoor Street Lights and Miscellaneou - Ratio</u> totals - All Billing Costs both Demand and Energy Ratios to Allocate City Rate Adjustment <u>2 - Outdoor Street Lights and Miscellaneou - Ratio</u> totals - All Billing Costs both Demand and Energy Ratios to Allocate City Rate Adjustment <u>2 - Outdoor Street Lights and Miscellaneou - Ratio</u> totals - All Billing Costs both Demand and Energy Ratios to Allocate City Rate Adjustment <u>2 - Outdoor Street Lights and Miscellaneou - Ratio</u> totals - All Billing Costs both Demand and Energy Ratios to Allocate City Rate Adjustment	\$0.00 \$334,179.44 <u>y):</u> <u>JV2, JV5 & JV6, & Se</u> (Excludes: JV2, JV5 & <u>al Cost of Power)</u> <u>Allocation (To ALL Comply Cost Allocation W</u>	\$599,995.53 rvice Fees) JV6, & AMP Servi	\$40,835.24	\$10,499.14		\$(
Outdoor Lght Credit Reconciliation OTALS - ALL ATIOS COMPUTATIONS (By Billed Demand and Energy AMP Service Fees - Ratio Allocation (Excluding otals - AMP All Billing Costs by Demand and Energy Ratios to Allocate AMP Service Fees - City Rate Adjustment - Ratio Allocation (To Tot otals - All Billing Costs both Demand and Energy Ratios to Allocate City Rate Adjustment - Outdoor Street Lights and Miscellaneou - Ratio otals - All Billing Costs both Demand and Energy Ratios to Allocate City Rate Adjustment - Outdoor Street Lights and Miscellaneou - Ratio otals - All Billing Costs both Demand and Energy Ratios to Allocate City Rate Adjustment - Outdoor Street Lights and Miscellaneou - Ratio otals - All Billing Costs both Demand and Energy Ratios to Allocate City Rate Adjustment - Outdoor Street Light Reconciliation Credit Con Dutdoor Street Light Cost by Average Cost of Power	\$0.00 \$334,179.44 <u>y):</u> <u>JV2, JV5 & JV6, & Se</u> (Excludes: JV2, JV5 & <u>al Cost of Power)</u> <u>Allocation (To ALL Comply Cost Allocation Magnetics</u>)	\$599,995.53 rvice Fees) JV6, & AMP Servi	\$40,835.24	\$10,499.14		\$1
Outdoor Lght Credit Reconciliation OTALS - ALL ATIOS COMPUTATIONS (By Billed Demand and Energy AMP Service Fees - Ratio Allocation (Excluding otals - AMP All Billing Costs by Demand and Energy Ratios to Allocate AMP Service Fees - City Rate Adjustment - Ratio Allocation (To Tot otals - All Billing Costs both Demand and Energy Ratios to Allocate City Rate Adjustment - Outdoor Street Lights and Miscellaneou - Ratio otals - All Billing Costs both Demand and Energy Ratios to Allocate City Rate Adjustment - Outdoor Street Lights and Miscellaneou - Ratio rotals - All Billing Costs both Demand and Energy Ratios to Allocate City Rate Adjustment	\$0.00 \$334,179.44 <u>VI:</u> <u>JV2, JV5 & JV6, & Se</u> (Excludes: JV2, JV5 & <u>Allocation (To ALL Co</u> <u>oply Cost Allocation W</u> <u>uputation</u> e 3)	\$599,995.53 rvice Fees) JV6, & AMP Servi	\$40,835.24	\$10,499.14		\$(

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

	BILLI	NG DETERMINAN I	3		· ·	DE
BILLING DETERMINANTS for BILLII				- 		
PREVIOUS MONTH'S POWER BILLS - PURCH						
					•	
DATA PERIOD						
AMP-Ohio Bill Month	·					
City-System Data Month						
City-Monthly Billing Cycle	,					
				a an an g		
PURCHASED POWER SUPPLY - COST ALLO	•	· ·		n An an	· .	
	Other Charges	Other Charges	City Rate	City Rate	TOTAL COSTS	ALLOCATED
	& Bill Adjsmnt.	& Bill Adjsmnt.	Adjustment	Adjustment	TOTAL	TOTAL
Purchased Power Provider	DEMAND	ENERGY	DEMAND	ENERGY	DEMAND	ENERGY
GORSUCH -REGULAR & LOSSES SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$123,875.9
EFFICIENCY SMART POWER PLANT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$316,159.
AMP CT SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	-\$32,694.44	\$265
NYPA SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$3,891.14	-\$150.0
NAPOLEON SOLAR SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$3,699.18	-\$6,678.0
PRAIRE STATE SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$151,692.54	-\$8,304.0
NORTHERN POWER POOL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$69,718.2
FREEMONT ENERGY SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$66,520.02	\$131,885.4
J-ARON PP and SALE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$38,168.4
JV-2 PEAKING SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	-\$828.06	\$18.8
JV-5 HYDRO	\$0.00	\$0.00	\$0.00	\$0.00	\$62,748.34	\$55,296.0
JV-6 WIND	\$0.00	\$0.00	\$0.00	\$0.00	\$4,562.60	\$0.0
TRANSMISSION CHARGES Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$115,423.36	\$29,676.4
A - AMP Service Fees- Dispatch, A & B	\$0.00	\$0.00	\$0.00	\$0.00	\$3,541.50	\$6,372
B - City Rate Adjustment Added to Cost of Power	\$0.00	\$0.00	\$22,817.82	\$37,182.18	\$22,817.82	\$37,182.
C - Outdoor Lght.Credit Reconciliation	-\$1,728.16	-\$2,816.09	\$0.00	\$0.00	-\$1,728.16	-\$2,816.
TOTALS - ALL	-\$1,728.16	-\$2,816.09	\$22,817.82	\$37,182.18	\$399,645.84	\$651,233.
RATIOS COMPUTATIONS (By Billed Demand and Energy):				· · · · · ·	DEMAND	ENERG
A - AMP Service Fees - Ratio Allocation (Excluding JV					DEMAND	CILINC
Totals - AMP All Billing Costs by Demand and Energy (Ex				····· · · · · · · · · · · · · · · · ·	\$308,531,80	\$555,179.7
Ratios to Allocate AMP Service Fees				ter a ser se	35.7216%	64.2784
		· ··		~	· · · · · · · ·	
B - City Rate Adjustment - Ratio Allocation (To Total C					e e la	
Totals - All Billing Costs both Demand and Energy					\$378,556.18	\$616,867.3
Ratios to Allocate City Rate Adjustment					38.0297%	61,9703
C - Outdoor Street Lights and Miscellaneou - Ratio All-						
Totals - All Billing Costs both Demand and Energy		• .		· · · ·	\$401,374.00	\$654,049.
Ratios to Allocate City Rate Adjustment				· · · · ·	38.0297%	61.9703
Other Cost and Reconciliation Items for Power Supply						
C - Outdoor Street Light Reconciliation Credit Comput						
Outdoor Street Light Cost by Average Cost of Power:				· · ·		
Total Purchased Power Cost (Cost Per kWh, on Page 3)	\$0.072586	,		· .	•	
Total Outdoor Street Light kWh hy Light Type (on Page 1	62 605					
Total Outdoor Street Light kWh by Light Type (on Page 2 Net Allocated - Security Street Light Credit	<u>62,605</u> -\$4,544,25				-\$1 728 16	-\$2,816.0
Total Outdoor Street Light kWh by Light Type (on Page 2 Net Allocated - Security Street Light Credit Less: Security Street Light Corrections (If Any)	<u>62,605</u> -\$4,544.25 <u>\$0.00</u>				-\$1,728.16 \$0.00	-\$2,816.0 \$0.1

BILLING DETERMINANTS

ELECTRIC

BILLING DETERMINANTS for BILLING CYCLE - MARCH, 2013

BILLING UNITS - ALLOCATIONS OF kWH and DEMAND & ENERGY COSTS and RATE CALCULATION

BILLING UNITS - ALLOCATION OF KWH & DEMAND USEAGE BY CLASS

2,641,342

2,552,115

12,552,771

537,104

						· · ·	
CITY BILLI	NG UNITS - PRIC	R MONTH'S DAT	`A				
Days in AMP-Oh Bill Month	31	JANUARY, 2013			. ,	· •	
Coincidental Peak in Month	25,377	JANUARY, 2013		•		· · · · · · · · · · · · · · · · · · ·	
Days in Data Month	28	FEBRUARY, 2013			· ·	ţ	
(kWh (G1,G2, G3, & G4 ,	- kW D1 & D2)		C	ITY STREET LIGHTS	- kWh ALLOCATIO	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)	3,079,788	0		52W	3	17.16	51
Residential (Rural)	1,529,646	287		70W	. 87	23.10	2,010
Commercial (1P)	59,962	14		100W	487	33.00	16,071
Commercial (1P)(D)	373,672	1,925		150W	58	49.50	2,871
Commercial (3P)	3,680	26	-	157W	2	51,81	104
Commercial (3P)(D)	1,775,462	6,570		250W	335	82,50	27,638
Large Power (D)	2,641,342	7,837	7,837	400W	105	132.00	13,860
Industrial (D)	2,552,115	5,222	5,222				
Interdepartmental	537,104	1,287			•		· ·
Total kWh, kW and kVa	12,552,771	23,168	13,059	···· ·	1,077	-	62,605
Verification Totals ->	12,552,771	23,168		Street Lights	listing - Revised Per	Electric Superinten	dent on 12/19/2012.
· · · · ·	AVE	RAGE AND EXC	ESS DEMAND CA		- 		
New	A	В	С	D	E	F	
1 · · · · · · · · · · · · · · · · · · ·		(A / (24 X "Days in	(B / "System Load	(C - B)	D/"Tot.Excess Dmd	(B + E)	
		AMP Bill Month")	Factor")		X ("kW Load" -	System	· ·
kWh & Demand	Monthly	Monthly	Cal. or Actual		Mthly.Avg.Dmd")	kW Load	
w/Demand (Actual or Cal.)	kWh	Average	Maximum	Excess	Allocated Excess	Delivered	
Cstmr. Class or Schedule	Delivered	Demand	Demand	Demand	Demand	A & E	
Residential (Dom) (Cal. D)	3,079,788	4,140	5,596	1,456	865	5,005	
Residential (Rural) (Cal. D)	1,529,646			,		2,485	e
Commercial (1P) (Cal. D)	59,962		109			98	1. 1. 10 A
Commercial (1P) (Actual D)	373,672	502	1,925			1,347	·
Commercial (3P) (Cal. D)	3,680	5	7	2	1	6	·
Commercial (3P) (Actual D)	1,775,462		6,570	4,184	2,485	4,871	·
Large Power (Actual D)	2 644 242					-1,071	

3,550

3,430

16,872

722

25.377 <- Verification Total

6,096

4,494

25,275

25,377

873

102

Large Power (Actual D)

Interdepartmental (Cal. D)

Total Billed System Demand

Industrial (Actual D)

Outdoor Lights

7.837

5,222

31,021

976

4,287

1,792

14,149

254

2,546

1,064

151

8,403

8,421

18

MONTHLY BILLING DETERMINANTS

DETERMINANTS

			ITILI DILLING DEI		DETERMINA
<u>BILLING DETERMINA</u>	NTS for BILL	ING CYCLE	- MARCH, 2	013	
BILLING UNITS - ALLOCAT	· · · · · · · · · · · · · · · · · · ·	The second secon			÷
BILLING UNITS - ALLOCAT	IONS OF KWIT al		<u>ERGI CO313 a</u>	ING RATE CALCOLATION	
ALLOCATION OF ENERGY	AND DEMAND C	OSTS			
NERGY COST ALLOCATION:		· · · · · ·			
otal Energy Cost (from Power Bil	is nage).	\$651,233	\$651,233.00	<- Verification Total - Variations Due To Rounding	
		4001,200	=========		
	kWh			· · · · · · ·	ty to contact a
	Billing Units	Percent Allocated	Allocated Dollars \$		
Res./Interdept. (G1):	5,146,538	40.9992%	\$267,000		• • • •
Commercial (G2):	2,212,776	17.6278%	\$114,798		
Large Power (G3):	2,641,342	21.0419%	\$137,032		
Industrial (G4):	2,552,115	20.3311%	\$132,403	•••••••••••••••••••••••••••••••••••••••	•
		100 000000	***************************************		and the second second
otal:	12,552,771	100.0000%	and the second	<- Verification Total - Variations Due To Rounding	
Verification Total ->	12,552,771		========		.
				· · · · · · · · · · · · · · · · · · ·	
DEMAND COST ALLOCATION:			······	1	a a an an an
otal Demand Cost (from Power I	Bills page):	\$399,646	\$399,646	<- Verification Total - Variations Due To Rounding	• 0110000.0.10
• ··· ·· ·	1.34/0237.4				· · ·
· · · · · · · · · · · · · · · · ·	kW/KVA				• • • •
ایل در در از	Billing Units	Percent Allocated			×
Res./Interdept. (G1):	8,363	33.0880%	\$132,235		411
Commercial (G2):	6,322	25.0129%	\$99,963	4 · · · · · · · · · · · · · · · · · · ·	
Large Power (G3):	6,096	24.1187%	\$96,389		
Industrial (G4):	4,494	17.7804%	\$71,059	· · ·	A CONTRACTOR
otal:	25,275	100.0000%	\$399,646	<- Verification Total - Variations Due To Rounding	• •
Verification Total ->	25,275	·····	==========		
		······································		<u>.</u>	x
APPLIED GENERATION &	DEMAND COST	S TO MONTHLY	BILLING RATES		• •
	WIND AND AND AND AND AND AND AND AND AND A	ATE CALCULATI	the second of a part of the second		1. 1 . 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
		ATE CALCULAT		·	
MARCH, 2013	Allocated	Billing	PWR.RATES	1	- · ·
·····	Costs	Units	CHARGED	an a	tri interne
V's Purchased Cost kWH to C	ity			· · ·	
JV2 Joint Venture Rate (JV2 En	ergy Only)		\$0.01989		•
JV5 Joint Venture Rate (JV5 En	ergy Only)		\$0.01989		··· • ·
			· · · ·		· · · ···
Seneration Charge:					
Res./Interdept. (G1):	\$399,235	5,146,538	\$0.07757		
Commercial (G2):	\$214,761	2,212,776	\$0.09706		
Large Power (G3):	\$137,032	2,641,342	\$0.05188		
Industrial (G4):	\$132,403	2,552,115	\$0.05188		-
Demand Charge:		<u>12,552,771</u>		t · · · · ·	
Large Power (D1):	\$96,389	7,837	\$12.30		
Industrial (D2):	\$71,059	5,222	\$13.61		t = 1
			ψ10.01	· · · ·	•
Total Billing & Unit Check:	<u>\$1,050,879</u>	12,552,771		· · · · ·	
Verification of Billings & Units:	\$1,050,879	12,552,771	Net Costs/kWh	· 4	·
Net Average City Cost of Pu			\$0.07259		
Net Average Customer Cost	of Billing per kWH fo	r Prior Billing Month:	\$0.10660		



AMERICAN MUNICIPAL POWER, INC.

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

INVOICE NUMBER:	176604
INVOICE DATE:	2/13/2013
DUE DATE:	2/28/2013
TOTAL AMOUNT DUE:	\$858,846.17
CUSTOMER NUMBER:	5020
CUSTOMER P.O. #:	RG10046

\$858,846.17

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

Northern Power Pool Billing - January, 2	013	
MUNICIPAL PEAK: TOTAL METERED ENERGY:	25,377 kW 14,646,989 kWh	

Total Power Charges:	\$703,832.18
Total Transmission Charges:	\$145,099.83
Total Other Charges:	\$9,914.16
Total Miscellaneous Charges:	\$0.00

GRAND TOTAL POWER INVOICE:

**The

NOTE: PLEASE SEE ENCLOSED BACKUP FOR MORE DETAILED INFORMATION

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

	Made to provide available funds for use by AMF on or be	adia the due date.
Nire or ACH Transfer Information :	Mailing Address :	
Huntington National Bank	AMP, Inc.	
Columbus, Ohio	Dept. L614	
Account 0189-2204055	Columbus, Oh 43260	
\BA: #044 000024		
3ANK LOCK BOX DEPOSIT		AMOUNT
General Fund (010)	10	\$512,622.44
ECC (012)	12	1258.313179
IV6 (066)	66	-152.359302
1MPCT (025)	25	-2958.672202
ISPP (016)	16	\$38,168.43
V5 (065)	65	-\$6,515.68
\FEC (004)	4	\$187,024.16
(MPGS (009)	9	\$0.00
'SEC (013)	13	\$132,759.07
V2 (062)	62	-\$380.66
JapSolar (031)	31	-\$2,978.86
OTAL DEPOSIT	······································	\$858,846.17

DETAIL INFORMATION OF POWER CHARGES January , 2013

Napoleon

FOR THE MONTH OF:	January, 2013		Total Metered Load kWh: Transmission Losses kWh: Distribution Losses kWh:	14,646,98 -106,59
		-	Total Energy Req. kWh:	14,540,39
TIME OF FENTS PEAK: TIME OF MUNICIPAL PEAK: TRANSMISSION PEAK:	01/22/2013 @ H.E. 19:00 01/22/2013 @ H.E. 19:00 7/21/2011 HE 15:00 EST		COINCIDENT PEAK KW: MUNICIPAL PEAK KW: TRANSMISSION PEAK KW: PJM Capacity Requirement kW:	25,37 25,37 33,43 30,24
Napoleon Resources				
AMP CT - Sched @ ATSI				
Demand Charge:	\$1.850000	/ kW *	12,400 kW =	\$22,940.0
Energy Charge:	\$0.050522	/kWh*	5,252 kWh =	\$265.3 -\$29,470.4
Transmission Credit:	\$2.376647	/ kW * / kW *	-12,400 kW = -12,400 kW =	-\$26,164.0
Capacity Credit: Subtotal	\$2,110000 -\$6,174913	/ kWh *	5,252 kWh =	-\$32,429.1
Fremont - sched @ Fremont				
Demand Charge:	\$3.140000	/ kW *	8,767 kW =	\$27,528.3
Energy Charge:	\$0.028992	/ kWh *	4,155,358 kWh =	\$120,471.0
Net Congestion, Losses, FTR:	\$0.002739	/ kWh *		\$11,381.3
Capacity Credit:	\$0.600000	/ kW *	-8,767 kW =	-\$5,260.2
Debt Service	\$5.047546	/ kW	8,767 kW	\$44,251.8 \$33.0
Adjustment for prior month:	\$0.047747	/kWh*	4,155,358 kWh =	\$198,405.5
Subtotal Prairie State - Sched @ PJMC	şu.u47747	/ 800		\$100,000.0
Demand Charge:	\$8,573407	/ kW *	4,976 kW =	\$42,661.2
Energy Charge:	\$0.017513	/ kWh *	2,449,997 kWh =	\$42,907.5
Net Congestion, Losses, FTR:	\$0.004338	/ kWh *		\$10,628.8
Capacity Credit:	\$0.400935	/ kW *	-4,976 kW =	-\$1,995.0
Debt Service	\$22.312363	/ kW	4,976 kW	\$111,026.3
Rate Stabilization				-\$61,841.0
Subtotal	\$0.058526	/ kWh *	2,449,997 kWh =	\$143,387.8
JV2 - Sched @ ATSI			264 kW	
Demand Charge:	\$0,060066	/ kWh *	21 kWh =	\$1.23
Energy Charge: Transmission Credit:	\$2.764888	/ kW *	-264 kW =	-\$729.9
Capacity Credit:	\$1.441910	/ kW *	-264 kW =	-\$380.6
Subtotal	-\$52.377415	/ kWh *	21 kWh =	-\$1,109.3
JV6 - Sched @ ATSI				
Demand Charge:			300 kW	
Energy Charge:	AA AAAAAAAAAAAAA	11.3.67 +	86,065 kWh -300 kW =	-\$168.13
Transmission Credit:	\$0.560574 \$0.507864	/ kW * / kW *	-300 kW =	-\$152.3
Capacity Credit: Subtotal	-\$0.003724	/ kWh *	86,065 kWh =	-\$320.5
NYPA - Sched @ NYIS				
Demand Charge:	\$5.869556	/ kW *	1,035 kW =	\$6,074.9
Energy Charge:	\$0.013500	/ kWh *	494,088 kWh =	\$6,670.24
Net Congestion, Losses, FTR:	-\$0.014755	/ kWh *		-\$7,290.47
Capacity Credit:	\$2.110000	/ kW *	-1,035 kW =	-\$2,183.85
Adjustment for prior month:				\$470.18
Subtotal	\$0.007572	/ kWh *	494,088 kWh =	\$3,741.08
JV5 - 7X24 @ ATSI			3.088 kW	
Demand Charge:			2,297,472 kWh	
Energy Charge: Transmission Credit:	\$2.213094	/ kW *	-3,088 kW =	-\$6,834.03
Capacity Credit:	\$2.110000	/ kW *	~3,088 kW =	-\$6,515.68
Subtotal	-\$0.005811	/ kWh *	2,297,472 kWh =	-\$13,349.71
V5 Losses - Sched @ ATSI	, · · · · · · · · · · · · · · · · ·			
Energy Charge:			33,402 kWh	
Subtotal	#N/A	/ kWh *	33,402 kWh =	\$0.00
lapoleon Solar - sched @ ATSI	60 F56000	/ kW *	1,040 kW =	\$3,699.18
Demand Charge:	\$3,556900 -\$0,083156	/ kWh *	80,307 kWh =	-\$6,678.03
Energy Charge: Debt Service	-\$0.063130	/ NYVII	1,040 kW	\$0.00
Subtotal	-\$0.037093	/ kWh *	80,307 kWh =	-\$2,978.86
MPGS Replacement 2013 5x16 - 5x16 @ AD	<u>1 î.u.</u>			
Demand Charge:			5,000 kW	_
Energy Charge:	\$0.069210	/ kWh *	1,760,000 kWh =	\$121,809.60
Net Congestion, Losses, FTR:	\$0.001174	/ kWh *	1 700 000 1111	\$2,066.30
Subtotal	\$0.070384	/ kWh *	1,760,000 kWh =	\$123,875.90

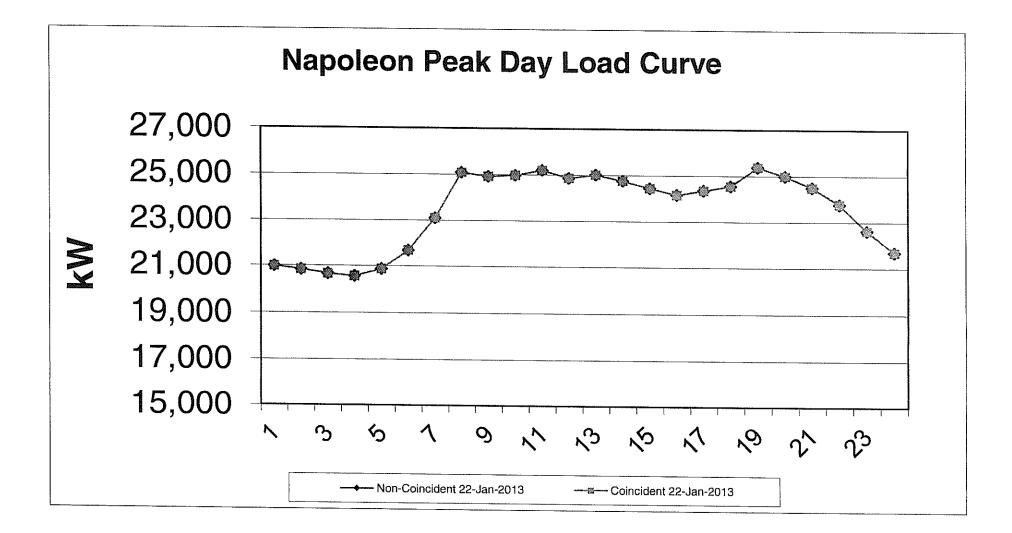
DETAIL INFORMATION OF POWER CHARGES January , 2013 Napoleon

AMPGS Replacement 2013 7x24 - 7x24 @ AD				
Demand Charge:			7,000 kW	6011 170 0
Energy Charge:	\$0.059750	/ kWh *	5,208,000 kWh =	\$311,178.00
Net Congestion, Losses, FTR:	\$0.000956	/ kWh *		\$4,981.12
Subtotal	\$0.060706	/ kWh *	5,208,000 kWh =	\$316,159.12
EFFICIENCY SMART POWER PLANT				
ESPP charges @ \$3.095 /MWh x 147,987.5 MWh / 12				\$38,168.43
Subtotal				\$38,168.43
Northern Power Pool:				
On Peak Energy Charge: (M-F HE 08-23 EDT)	\$0.022378	/ kWh *	8,357 kWh =	\$187.01
Off Peak Energy Charge:	\$0.019806	/ kWh *	257,551 kWh =	\$5,101.06
Sale of Excess Non-Pool Resources to Pool	\$0.032676	/ kWh *	-2,295,473 kWh =	-\$75,006.28
Subtotal	\$0.034351	/ kWh *	-2,029,564 kWh =	-\$69,718.21
Total Demand Charges:				\$178,327.61
Total Energy Charges:				\$525,504.57
Total Power Charges:			14,540,399 kWh	\$703,832.18
TRANSMISSION CHARGES:	\$2,231107	/ kW *	33.431 kW =	\$74,588.12
Demand Charge:	\$0.001566	/ kWh *	12,242,927 kWh =	\$19,177.33
Energy Charge:	• • •	/ kW *	30.248 KW =	\$56,672.67
RPM (Capacity) Charges:	\$1.873600	/ KW *	-2,530 kW =	-\$5,338.30
RPM (Capacity) Credits (not listed above):	\$2.110000			\$145.099.83
TOTAL TRANSMISSION CHARGES:	\$0.011852	/ kWh *	12,242,927 KWII =	\$140,055.00
Dispatch Center Charges:	\$0.000086	/ kWh *	14,646,989 kWh =	\$1,258.31
Service Fee Part A,				
Based on Annual Municipal Sales	\$0.000204	/ kWh *	156,027,853 kWh 1/12 =	\$1,625.29
Service Fee Part B.				
Energy Purchases	\$0.000480	/kWh *	14,646,989 kWh =	\$7,030.55
TOTAL OTHER CHARGES:				\$9,914.16

GRAND TOTAL POWER INVOICE:

\$858,846.17

ate	uesday 1/1/2013	Wednesday 1/2/2013							Wednesday	Thursday	Friday S	aturday	Sunday	Monday	Tuesday	
bur	1/ 1/2013	1/2/2013	1/3/2013	1/4/2013	1/5/2013	1/6/2013	1/7/2013	1/8/2013	1/9/2013	1/10/2013	1/11/2013	1/12/2013	1/13/2013	1/14/2013	1/15/2013	
100 200	14,069 13,617	17,353	19,644	19,251	16,618	14,248	17,267	18,700	18,508	18,059	17,743	13,530	12,726	16,836	18,724	
300	13,384	17,349 17,533	19,288	18,704	16,062	13,817	17,046	18,349	17,920	17,691	17,369	13,174	12,481	16,735	18,349	
400	13,153	17,533	19,081 19,008	18,459 18,457	15,891	13,486	16,889	18,168	17,832	17,698	17,206	12,898	12,384	16,953	18,324	
500	13,246	17,745	19,323	18,921	15,606 15,709	13,283	16,942	18,087	17,447	17,829	16,996	12,549	12,342	16,899	18,274	
600	13,551	18,996	20,231	19,781	16,077	13,373 13,530	17,794	18,574	17,934	18,346	17,003	12,599	12,404	17,250	18,608	
700	14,061	20,406	21,478	21,207	16,449	13,979	18,822 20,472	19,299	18,695	19,031	17,919	13,068	12,627	18,502	19,519	
800	14,390	22,147	23,413	22,768	17,194	14,887	20,472	20,889	20,011	20,338	19,287	13,730	12,965	20,153	20,847	
900	13,900	22,695	23,582	22,921	17,258	14,783	22,387	22,940 22,633	21,748	22,268	21,633	15,019	13,730	22,165	22,650	
1000	14,513	22,902	23,431	22,842	17,481	15,089	21,996	22,033	22,178	22,327	22,039	15,383	14,040	22,184	22,738	
1100	14,735	22,856	23,567	22,996	17,575	15,028	22,358	22,004	22,005 21,847	22,424	21,846	16,062	14,380	22,300	22,530	
1200	14,874	22,650	23,496	23,068	17,362	15,595	21,921	21,855	21,647	22,351	21,957	16,153	14,754	22,683	22,440	
1300	15,025	22,245	23,251	22,843	16,846	16,092	21,516	21,635	21,434	22,137	21,683	15,698	15,363	22,510	22,115	
1400	15,066	22,465	23,222	22,413	16,557	16,460	21,700	21,368	20,804	21,944	21,238	15,439	15,571	22,575	22,012	
1500	14,869	22,279	22,782	21,924	16,290	16,210	21,309	21,308	20,804	21,844 21,474	20,875	15,135	15,728	22,690	21,916	
1600	15,146	21,894	22,320	21,339	15,882	16,250	20,602	20,607	20,328	21,474 20,818	20,260 19,432	14,496	15,493	22,273	21,788	
1700	15,958	22,156	22,581	21,422	15,951	17,281	20,766	20,797	20,090	20,818		14,162	15,949	21,804	21,376	
1800	17,647	23,200	23,142	22,248	17,421	18,340	21,983	21,405	21,028	21,450	19,268 19,573	14,308	16,805	21,972	21,797	
1900	18,668	23,749	23,332	22,929	17,963	19,091	23,013	22,363	21,977	21,000	19,573	15,174 15,797	17,790 18,223	22,654	22,338	
2000	18,644	23,338	22,795	22,325	17,670	18,690	22,660	21,921	21,467	21,406	19,261	15,482	17,925	23,135	22,746	
2100	18,574	22,904	22,160	21,887	17,221	18,504	22,167	21,462	21,300	21,273	18,960	15,005	17,525	22,406 21,797	22,266	
2200	18,027	22,079	21,357	21,245	16,508	17,777	21,451	20,933	20,502	20,659	18,399	14,617	17,103		21,837	
2300	17,519	21,052	20,497	19,672	15,628	17,787	20,186	20,085	19,176	19,359	16,948	13,900	17,103	21,127 20,298	21,205	
2400	17,132	20,340	19,816	17,704	14,764	17,320	19,303	19,213	18,326	18,423	14,283	13,307	16,955	19,228	20,190 19,494	
atal																
uai	369,768	507,626	522,797	507,326	383,219	380,900	492,937	496,847	483,887	493,119	460,985	346,685	362,514	497,129	504,083	
١																
ate our	Wednesday 1/16/2013			507,326 Saturday 1/19/2013	Sunday !					Friday	Saturday			497,129 Tuesday 1/29/2013		Thursda 1/3
) ate lour 100	Wednesday 1/16/2013 18,868	Thursday 1/17/2013 18,612	Friday 1/18/2013 19,025	Saturday	Sunday !	Monday 1	uesday 1/22/2013	Wednesday 1/23/2013	Thursday 1/24/2013	Friday 1/25/2013	Saturday 1/26/2013	Sunday 1/27/2013	Monday 1/28/2013	Tuesday 1/29/2013	Wednesday 1/30/2013	1/3
ate our 100 200	Wednesday 1/16/2013 18,868 18,448	Thursday 1/17/2013 18,612 18,236	Friday 1/18/2013 19,025 18,358	Saturday 1/19/2013 16,123 15,730	Sunday ! 1/20/2013	Monday 1/21/2013	uesday	Wednesday 1/23/2013 21,298	Thursday 1/24/2013 20,133	Friday 1/25/2013 20,345	Saturday : 1/26/2013 17,039	Sunday 1/27/2013 15,301	Monday 1/28/2013 18,540	Tuesday 1/29/2013 17,535	Wednesday 1/30/2013 16,821	1/3
ate our 100 200 300	Wednesday 1/16/2013 18,868 18,448 18,385	Thursday 1/17/2013 18,612 18,236 18,075	Friday 1/18/2013 19,025 18,358 18,255	Saturday 1/19/2013 16,123 15,730 15,553	Sunday ! 1/20/2013 14,480	Monday 1 1/21/2013 19,039	^r uesday 1/22/2013 20,987	Wednesday 1/23/2013 21,298 21,056	Thursday 1/24/2013 20,133 20,141	Friday 1/25/2013 20,345 19,740	Saturday 1/26/2013 17,039 16,738	Sunday 1/27/2013 15,301 14,807	Monday 1/28/2013 18,540 18,110	Tuesday 1/29/2013 17,535 17,000	Wednesday 1/30/2013 16,821 16,345	1/3
ate our 100 200 300 400	Wednesday 1/16/2013 18,868 18,448 18,385 18,092	Thursday 1/17/2013 18,612 18,236 18,075 17,917	Friday 1/18/2013 19,025 18,358 18,255 18,107	Saturday 1/19/2013 16,123 15,730 15,553 15,413	Sunday N 1/20/2013 14,480 14,199 13,921 14,264	Monday 1/21/2013 19,039 18,579	Tuesday 1/22/2013 20,987 20,841	Wednesday 1/23/2013 21,298	Thursday 1/24/2013 20,133 20,141 20,272	Friday 1/25/2013 20,345 19,740 19,474	Saturday 1/26/2013 17,039 16,738 16,437	Sunday 1/27/2013 15,301 14,807 14,635	Monday 1/28/2013 18,540 18,110 17,869	Tuesday 1/29/2013 17,535 17,000 16,946	Wednesday 1/30/2013 16,821 16,345 16,230	1/3
ate our 100 200 300 400 500	Wednesday 1/16/2013 18,868 18,448 18,385 18,092 18,504	Thursday 1/17/2013 18,612 18,236 18,075 17,917 18,371	Friday 1/18/2013 19,025 18,358 18,255 18,107 18,460	Saturday 1/19/2013 16,123 15,730 15,553 15,413 15,467	Sunday N 1/20/2013 14,480 14,199 13,921 14,264 14,291	Monday 1 1/21/2013 19,039 18,579 18,481	⁷ uesday 1/22/2013 20,987 20,841 20,664	Wednesday 1/23/2013 21,298 21,056 20,939	Thursday 1/24/2013 20,133 20,141 20,272 20,220	Friday 1/25/2013 20,345 19,740 19,474 19,582	Saturday 1/26/2013 17,039 16,738 16,437 16,142	Sunday 1/27/2013 15,301 14,807 14,635 14,742	Monday 1/28/2013 18,540 18,110 17,869 17,723	Tuesday 1/29/2013 17,535 17,000 16,946 16,847	Wednesday 1/30/2013 16,821 16,345 16,230 15,870	1/3
ate cur 200 300 400 500 600	Wednesday 1/16/2013 18,868 18,448 18,385 18,092 18,504 19,551	Thursday 1/17/2013 18,612 18,236 18,075 17,917 18,371 19,254	Friday 1/18/2013 19,025 18,358 18,255 18,107 18,460 19,422	Saturday 1/19/2013 16,123 15,730 15,553 15,413 15,467 15,785	Sunday 1/20/2013 14,480 14,199 13,921 14,264 14,591 14,965	Monday 1/21/2013 19,039 18,579 18,481 18,493 19,045 19,716	Tuesday 1/22/2013 20,987 20,841 20,664 20,555	Wednesday 1/23/2013 21,298 21,056 20,939 20,816	Thursday 1/24/2013 20,133 20,141 20,272	Fiday 1/25/2013 20,345 19,740 19,474 19,582 19,887	Saturday 1/26/2013 17,039 16,738 16,437 16,142 16,294	Sunday 1/27/2013 15,301 14,807 14,655 14,742 14,983	Monday 1/28/2013 18,540 18,110 17,869 17,723 17,984	Tuesday 1/29/2013 17,535 17,000 16,946 16,847 17,139	Wednesday 1/30/2013 16,821 16,345 16,230 15,870 16,158	1/3
ate our 200 300 400 500 600 700	Wednesday 1/16/2013 18,868 18,448 18,385 18,092 18,504 19,551 21,078	Thursday 1/17/2013 18,612 18,236 18,075 17,917 18,371 19,254 20,565	Friday 1/18/2013 19,025 18,358 18,255 18,107 18,460 19,422 20,932	Saturday 1/19/2013 16,123 15,730 15,553 15,413 15,467 15,785 16,535	Sunday 1/20/2013 14,480 14,199 13,921 14,264 14,591 14,965 15,717	Monday 1/21/2013 19,039 18,579 18,481 18,493 19,045 19,716 20,921	Tuesday 1/22/2013 20,987 20,841 20,664 20,555 20,870 21,679 23,106	Wednesday 1/23/2013 21,298 21,056 20,939 20,816 21,047	Thursday 1/24/2013 20,133 20,141 20,272 20,220 20,619	Friday 1/25/2013 20,345 19,740 19,474 19,582	Saturday 1/26/2013 17,039 16,738 16,437 16,142	Sunday 1/27/2013 15,301 14,807 14,635 14,742 14,983 15,273	Monday 1/28/2013 18,540 18,110 17,869 17,723 17,984 18,742	Tuesday 1/29/2013 17,535 17,000 16,946 16,847 17,139 17,938	Wednesday 1/30/2013 16,821 16,345 16,230 15,870 16,158 16,839	1/3
ate our 200 300 400 500 600 700 800	Wednesday 1/16/2013 18,868 18,448 18,385 18,092 18,504 19,551 21,078 23,034	Thursday 1/17/2013 18,612 18,236 18,075 17,917 18,371 19,254 20,565 22,595	Friday 1/18/2013 19,025 18,358 18,255 18,107 18,460 19,422 20,932 22,484	Saturday 1/19/2013 16,123 15,533 15,453 15,467 15,785 16,535 17,803	Sunday 1 1/20/2013 14,480 14,199 13,921 14,264 14,591 14,965 15,717 16,874	Monday 1/21/2013 19,039 18,579 18,481 19,493 19,045 19,716 20,921 22,751	Tuesday 1/22/2013 20,987 20,841 20,664 20,555 20,870 21,679 23,106 25,085	Wednesday 1/23/2013 21,298 21,056 20,939 20,816 21,047 21,803	Thursday 1/24/2013 20,133 20,141 20,272 20,220 20,619 21,526	Friday 1/25/2013 20,345 19,740 19,474 19,582 19,887 20,707	Saturday 1/26/2013 17,039 16,738 16,437 16,142 16,294 16,627	Sunday 1/27/2013 15,301 14,807 14,605 14,742 14,983 15,273 15,563	Monday 1/28/2013 18,540 18,110 17,869 17,723 17,984 18,742 19,747	Tuesday 1/29/2013 17,535 17,000 16,946 16,847 17,139 17,938 19,518	Wednesday 1/30/2013 16,821 16,345 16,230 15,870 16,158 16,839 18,560	1/3
ate lour 200 300 400 500 600 700 800 900	Wednessday 1/16/2013 18,868 18,448 18,385 18,092 18,504 19,551 21,078 23,034 23,025	Thursday 1/17/2013 18,612 18,236 18,075 17,917 18,371 19,254 20,565 22,595 22,595 22,611	Friday 1/18/2013 19,025 18,358 18,255 18,107 18,460 19,422 20,932 22,484 22,461	Saturday 1/19/2013 16,123 15,553 15,413 15,467 15,785 16,535 17,803 17,754	Sunday 1 1/20/2013 14,480 14,199 13,921 14,264 14,591 14,965 15,717 16,874 16,982	Vonday 1/21/2013 19,039 18,579 18,481 18,493 19,045 19,716 20,921 22,751 23,076	Tuesday 1/22/2013 20,987 20,841 20,664 20,555 20,870 21,679 23,106 25,085 24,917	Wednesday 1/23/2013 21,298 21,056 20,939 20,816 21,047 21,803 23,085 25,007 24,810	Thursday 1/24/2013 20,133 20,141 20,272 20,220 20,619 21,526 23,149 24,755 24,632	Friday 1/25/2013 20,345 19,740 19,474 19,582 19,887 20,707 22,057	Saturday 1/26/2013 17,039 16,738 16,437 16,142 16,294 16,627 17,424	Sunday 1/27/2013 15,301 14,807 14,635 14,742 14,983 15,273	Monday 1/28/2013 18,540 17,723 17,723 17,984 18,742 19,747 21,644	Tuesday 1/29/2013 17,535 17,000 16,946 16,847 17,139 17,938 19,518 20,629	Wednesday 1/30/2013 16,821 16,345 16,230 15,870 16,158 16,839 18,560 20,477	1/3
ate our 200 300 400 500 600 700 800 900 1000	Wednesday 1/16/2013 18,868 18,448 18,385 18,092 18,504 19,551 21,078 23,034 23,025 22,681	Thursday 1/17/2013 18,612 18,236 18,075 17,917 18,371 19,254 20,565 22,595 22,611 22,801	Friday 1/18/2013 19,025 18,358 18,255 18,107 18,460 19,422 20,932 22,484 22,464 22,461	Saturday 1/19/2013 16,123 15,730 15,543 15,413 15,467 15,785 16,535 17,803 17,754 18,064	Sunday 1 1/20/2013 14,480 14,199 13,921 14,264 14,591 14,965 15,717 16,874 16,982 17,404	Vonday 1/21/2013 19,039 18,579 18,461 18,493 19,045 19,716 20,921 22,751 23,076 23,394	Tuesday 1/22/2013 20,987 20,841 20,664 20,555 20,870 21,679 23,106 25,085 24,917 24,975	Wednesday 1/23/2013 21,298 21,056 20,939 20,816 21,047 21,803 23,085 25,007 24,810 24,946	Thursday 1/24/2013 20,141 20,272 20,220 20,619 21,526 23,149 24,755 24,632 24,747	Friday 1/25/2013 20,345 19,740 19,474 19,582 19,887 20,707 22,057 24,273	Saturday 1/26/2013 17,039 16,738 16,437 16,142 16,294 16,627 17,424 18,485	Sunday 1/27/2013 15,301 14,807 14,635 14,742 14,983 15,273 15,563 16,357	Monday 1/28/2013 18,540 18,110 17,869 17,723 17,984 18,742 19,747	Tuesday 1/29/2013 17,535 17,000 16,946 16,847 17,139 17,938 19,518 20,629 21,157	Wednesday 1/30/2013 16,821 16,345 16,230 15,870 16,158 16,839 18,560 20,477 20,567	1/3
ate our 100 200 300 400 500 600 700 800 900 1000 1100	Wednesday 1/16/2013 18,868 18,484 18,385 18,092 18,504 19,551 21,078 23,034 23,025 22,681 22,554	Thursday 1/17/2013 18,612 18,236 18,075 17,917 18,371 19,254 20,565 22,595 22,611 22,801 22,652	Friday 1/18/2013 19,025 18,358 18,255 18,107 18,460 19,422 20,932 22,484 22,661 22,664	Salurday 1/19/2013 16,123 15,730 15,553 15,413 15,467 15,785 16,535 17,803 17,754 18,064 18,050	Sunday 1 1/20/2013 14,480 14,199 13,921 14,264 14,591 14,965 15,717 16,874 16,982 17,404 17,616	Vonday 1/21/2013 19,039 18,579 18,481 18,493 19,045 19,716 20,921 22,751 23,076 23,394 24,077	⁵ uesday 1/22/2013 20,987 20,841 20,664 20,555 20,870 21,679 23,106 25,085 24,917 24,975 25,204	Wednesday 1/23/2013 21,298 21,056 20,939 20,816 21,047 21,803 23,085 25,007 24,810 24,946 24,827	Thursday 1/24/2013 20,133 20,141 20,272 20,220 20,619 21,526 23,149 24,755 24,632 24,747 24,547	Friday 1/25/2013 20,345 19,740 19,474 19,582 19,887 20,707 22,057 24,273 24,203 24,203 24,273 24,273 24,342	Saturday 1/26/2013 17,039 16,738 16,437 16,142 16,294 16,627 17,424 18,485 18,730	Sunday 1/27/2013 15,301 14,807 14,635 14,742 14,983 15,273 15,563 16,357 16,096	Monday 1/28/2013 18,540 18,110 17,869 17,723 17,984 18,742 19,747 21,844 22,284	Tuesday 1/29/2013 17,535 17,000 16,946 16,847 17,139 17,938 19,518 20,629 21,157 21,157	Wednesday 1/30/2013 16,821 16,230 15,870 16,158 16,839 18,560 20,477 20,567 20,753	1/3
Date Iour 100 200 300 400 500 600 700 800 900 1000 1100 1200	Wednesday 1/16/2013 18,868 18,448 18,385 18,092 18,504 19,551 21,078 23,034 23,034 23,025 22,681 22,554 22,223	Thursday 1/17/2013 18,612 18,236 18,075 17,917 18,371 19,254 20,565 22,595 22,611 22,601 22,652 21,952	Friday 1/18/2013 19,025 18,358 18,255 18,107 18,460 19,422 20,932 22,484 22,694 22,694 22,694 23,005	Saturday 1/19/2013 16,123 15,730 15,553 15,413 15,467 15,785 16,535 17,803 17,754 18,064 18,050 17,835	Sunday 1 1/20/2013 14,480 14,199 13,921 14,264 14,591 14,965 15,717 16,874 16,982 17,404 17,616 17,780	Vonday 1/21/2013 19,039 18,579 18,481 19,443 19,045 19,716 20,921 22,751 23,076 23,394 24,077 24,249	Tuesday 1/22/2013 20,987 20,841 20,664 20,655 20,870 21,679 23,106 25,085 24,917 24,975 25,204 24,857	Wednesday 1/23/2013 21,298 21,056 20,939 20,816 21,047 21,803 23,085 25,007 24,810 24,946 24,827 24,745	Thursday 1/24/2013 20,133 20,141 20,272 20,220 20,619 21,526 23,149 24,755 24,632 24,747 24,547 23,885	Friday 1/25/2013 20,345 19,740 19,474 19,582 19,887 20,707 22,057 24,273 24,202 24,273 24,202 24,273 24,342 24,190	Saturday 1/26/2013 17,039 16,738 16,437 16,142 16,294 16,627 17,424 18,485 18,730 19,215	Sunday 1/27/2013 15,301 14,807 14,635 14,742 14,983 15,273 15,563 16,357 16,096 16,276	Monday 1/28/2013 18,540 18,110 17,859 17,723 17,984 18,742 19,747 21,844 22,284 22,482	Tuesday 1/29/2013 17,535 17,000 16,946 16,847 17,139 17,938 19,518 20,629 21,157	Wednesday 1/30/2013 16,821 16,230 15,870 16,158 16,839 18,560 20,477 20,567 20,753 21,162	1/3
ate lour 100 200 300 400 500 600 700 800 900 1000 1000 1200 1200	Wednessday 1/16/2013 18,868 18,448 18,385 18,092 18,504 19,551 21,078 23,034 23,025 22,681 22,253 22,223 21,845	Thursday 1/17/2013 18,612 18,236 18,075 17,917 18,371 19,254 20,565 22,595 22,611 22,601 22,652 21,952 21,952	Friday 1/18/2013 19,025 18,358 18,255 18,107 18,460 19,422 20,932 22,484 22,461 22,666 22,694 23,005 22,913	Saturday 1/19/2013 16,123 15,553 15,413 15,467 15,785 16,535 17,803 17,754 18,064 18,050 17,835 17,241	Sunday 1 1/20/2013 14,480 14,199 13,921 14,264 14,591 14,965 15,717 16,874 16,982 17,404 17,616 17,780 17,560	Vonday 1/21/2013 19,039 18,579 18,481 19,443 19,045 19,716 20,921 22,751 23,076 23,394 24,077 24,249 24,123	Tuesday 1/22/2013 20,987 20,841 20,664 20,555 20,870 21,679 23,106 25,085 24,917 24,975 25,204 24,857 25,205	Wednesday 1/23/2013 21,298 21,056 20,939 20,816 21,047 21,803 23,085 25,007 24,810 24,946 24,946 24,745 24,602	Thursday 1/24/2013 20,133 20,141 20,272 20,220 20,619 21,526 23,149 24,755 24,632 24,747 24,547 23,885 23,466	Friday 1/25/2013 20,345 19,740 19,474 19,582 19,887 20,707 22,057 24,273 24,273 24,273 24,273 24,273 24,272 24,273 24,242 24,190 23,821	Saturday 1/26/2013 17,039 16,738 16,437 16,142 16,294 16,627 17,424 18,485 18,730 19,215 19,060	Sunday 1/27/2013 15,301 14,635 14,742 14,983 15,563 15,563 16,357 16,096 16,276 16,475	Monday 1/28/2013 18,540 18,110 17,869 17,723 17,984 18,742 19,747 21,844 22,284 22,564	Tuesday 1/29/2013 17,535 17,000 16,946 16,847 17,139 17,938 19,518 20,629 21,157 21,157 21,157 21,025	Wednesday 1/30/2013 16,821 16,345 16,230 15,870 16,158 16,839 18,560 20,477 20,567 20,753 21,162 20,860	1/3
ate lour 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400	Wednesday 1/16/2013 18,868 18,448 18,385 18,092 18,504 19,551 21,078 23,034 23,025 22,681 22,554 22,223 21,845 21,769	Thursday 1/17/2013 18,612 18,236 18,075 17,917 19,254 20,565 22,595 22,611 22,601 22,652 21,952 21,524 21,556	Friday 1/18/2013 19,025 18,358 18,255 18,107 18,460 19,422 20,932 22,484 22,461 22,666 22,694 23,005 22,913 22,799	Salurday 1/19/2013 16,123 15,730 15,553 15,413 15,467 15,785 16,535 17,803 17,754 18,064 18,050 17,835 17,241 16,803	Sunday 1 1/20/2013 14,480 14,199 13,921 14,264 14,591 14,965 15,717 16,874 16,982 17,404 17,616 17,780 17,560 17,561	Vonday 1/21/2013 19,039 18,579 18,481 18,493 19,045 19,716 20,921 22,751 23,076 23,394 24,077 24,249 24,128 24,128	⁵ uesday 1/22/2013 20,987 20,841 20,664 20,555 20,870 21,679 23,106 25,085 24,917 24,975 25,204 24,857 25,015 24,754	Wednesday 1/23/2013 21,298 21,066 20,939 20,816 21,047 21,803 23,085 25,007 24,810 24,946 24,827 24,745 24,602 24,468	Thursday 1/24/2013 20,133 20,141 20,272 20,220 20,619 21,526 23,149 24,755 24,632 24,747 24,547 23,865 23,466 23,185	Friday 1/25/2013 20,345 19,740 19,474 19,582 19,887 20,707 22,057 24,273 24,202 24,273 24,202 24,273 24,342 24,190 23,821 23,530	Saturday 1/26/2013 17,039 16,738 16,437 16,142 16,627 17,424 18,485 18,730 19,215 19,060 18,696	Sunday 1/27/2013 15,301 14,805 14,742 14,983 15,563 15,563 16,357 16,096 16,276 16,475 16,843	Monday 1/28/2013 18,540 18,110 17,869 17,723 17,984 18,742 19,747 21,844 22,284 22,482 22,564 22,220	Tuesday 1/29/2013 17,535 17,000 16,946 16,847 17,139 17,938 19,518 20,629 21,157 21,025 20,984	Wednesday 1/30/2013 16,821 16,345 16,230 15,870 16,158 16,839 18,560 20,477 20,567 20,753 21,162 20,860 20,880	1/3
ate lour 100 200 300 400 500 600 700 800 900 1000 1100 1200 1200 1300 1400 1500	Wednessday 1/16/2013 18,868 18,448 18,385 18,092 18,504 19,551 21,078 23,034 23,025 22,681 22,554 22,223 21,845 21,759 21,150	Thursday 1/17/2013 18,612 18,236 18,075 17,917 18,371 19,254 20,565 22,595 22,611 22,652 21,952 21,524 21,556 21,556 21,221	Friday 1/18/2013 19,025 18,358 18,255 18,107 18,460 19,422 20,932 22,484 22,461 22,664 22,664 22,664 22,694 23,005 22,913 22,799 22,322	Salurday 1/19/2013 16,123 15,730 15,553 15,413 15,467 15,785 16,535 17,803 17,754 18,064 18,050 17,835 17,241 18,050 17,835 17,241 16,803 16,348	Sunday 1 1/20/2013 14,480 14,199 13,921 14,264 14,591 14,965 15,717 16,874 16,982 17,404 17,616 17,780 17,560 17,561 17,466	Vonday 1/21/2013 19,039 18,579 18,481 18,493 19,045 19,716 20,921 22,751 23,076 23,394 24,077 24,249 24,123 24,128 24,128 23,954	⁵ uesday 1/22/2013 20,987 20,841 20,664 20,555 20,870 21,679 23,106 25,085 24,977 24,975 25,204 24,857 25,015 24,754 24,754 24,442	Wednesday 1/23/2013 21,298 21,056 20,939 20,816 21,047 21,803 23,085 25,007 24,810 24,946 24,827 24,745 24,602 24,468 24,038	Thursday 1/24/2013 20,133 20,141 20,272 20,220 20,619 21,526 23,149 24,755 24,632 24,747 24,547 23,885 23,466 23,185 22,864	Friday 1/25/2013 20,345 19,740 19,474 19,582 19,887 20,707 22,057 24,273 24,203 24,273 24,273 24,273 24,273 24,24 24,190 23,821 23,550 23,021	Saturday 1/26/2013 17,039 16,738 16,437 16,142 16,627 17,424 18,485 18,730 19,215 19,060 18,696 18,696 18,630 17,851 17,568	Sunday 1/27/2013 15,301 14,807 14,635 14,742 14,983 15,273 15,563 16,357 16,096 16,276 16,276 16,843 16,941	Monday 1/28/2013 18,540 18,110 17,869 17,723 17,984 18,742 19,747 21,844 22,284 22,564 22,564 22,220 22,175	Tuesday 1/29/2013 17,535 17,000 16,946 16,847 17,139 17,938 19,518 20,629 21,157 21,157 21,025 20,984 21,050	Wednesday 1/30/2013 16,821 16,230 15,870 16,158 16,839 18,560 20,477 20,567 20,753 21,162 20,880 20,880 20,728	1/3
ate our 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400	Wednesday 1/16/2013 18,868 18,448 18,385 18,092 18,504 19,551 21,078 23,034 23,034 23,025 22,681 22,554 22,223 21,845 21,769 21,150 20,821	Thursday 1/17/2013 18,612 18,236 18,075 17,917 18,371 19,254 20,565 22,595 22,611 22,652 21,525 21,525 21,524 21,526 21,221 20,668	Friday 1/18/2013 19,025 18,358 18,255 18,107 18,460 19,422 20,932 22,484 22,461 22,694 22,694 23,005 22,913 22,799 22,322 21,503	Saturday 1/19/2013 16,123 15,730 15,553 15,413 15,467 15,785 16,535 17,803 17,754 18,064 18,050 17,835 17,241 16,803 16,348 15,850	Sunday 1 1/20/2013 14,480 14,199 13,921 14,264 14,591 14,965 15,717 16,874 16,982 17,404 17,616 17,780 17,560 17,554	Vonday 1/21/2013 19,039 18,579 18,481 19,443 19,045 19,716 20,921 22,751 23,076 23,394 24,077 24,249 24,123 24,128 23,954 23,954 23,954	Tuesday 1/22/2013 20,987 20,841 20,664 20,655 20,870 21,679 23,106 25,085 24,917 24,975 25,204 24,975 25,204 24,857 25,015 24,754 24,422 24,164	Wednesday 1/23/2013 21,298 21,056 20,939 20,816 21,047 21,803 23,085 25,007 24,810 24,946 24,827 24,745 24,602 24,468 24,468 24,468 24,468 24,468 24,468 24,403 23,710	Thursday 1/24/2013 20,133 20,141 20,272 20,220 20,619 21,526 23,149 24,755 24,632 24,747 24,547 23,885 23,466 23,185 22,864 22,551	Friday 1/25/2013 20,345 19,740 19,474 19,582 19,887 22,057 24,273 24,202 24,273 24,202 24,273 24,342 24,190 23,821 23,530 23,021 22,594	Saturday 1/26/2013 17,039 16,738 16,437 16,142 16,234 16,627 17,424 18,485 18,730 19,215 19,060 18,696 18,696 18,696 18,630 17,851 17,558	Sunday 1/27/2013 15,301 14,805 14,742 14,983 15,273 15,563 16,357 16,096 16,276 16,475 16,843 16,941 16,807	Monday 1/28/2013 18,540 18,110 17,869 17,723 17,984 18,742 19,747 21,844 22,284 22,564 22,220 22,175 21,984	Tuesday 1/29/2013 17,535 17,000 16,946 16,847 17,139 19,518 20,629 21,157 21,157 21,157 21,055 20,984 21,050 21,066	Wednesday 1/30/2013 16,821 16,345 16,230 15,870 16,158 16,839 18,560 20,477 20,567 20,753 21,162 20,860 20,880	1/3
ate our 100 200 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500	Wednesday 1/16/2013 18,868 18,448 18,385 18,092 18,504 19,551 21,078 23,034 23,025 22,681 22,554 22,223 21,845 21,769 21,156	Thursday 1/17/2013 18,612 18,236 18,075 17,917 18,371 19,254 20,565 22,595 22,611 22,652 21,952 21,524 21,526 21,524 21,526 21,524 21,526	Friday 1/18/2013 19,025 18,358 18,255 18,107 18,460 19,422 20,932 22,484 22,461 22,666 22,694 23,005 22,913 22,799 22,322 21,503 21,037	Salurday 1/19/2013 16,123 15,730 15,553 15,413 15,467 15,785 16,535 17,785 18,064 18,064 18,050 17,845 17,241 16,803 16,348 15,850 16,065	Sunday 1/20/2013 14,480 14,199 13,921 14,264 14,591 14,965 15,717 16,874 16,982 17,404 17,616 17,780 17,560 17,561 17,554 17,554	Vonday 1/21/2013 19,039 18,579 18,481 18,493 19,045 19,716 20,921 22,751 23,076 23,394 24,077 24,249 24,123 24,123 24,123 24,123 24,123 24,123 24,123 24,123	¹ uesday 1/22/2013 20,987 20,841 20,654 20,850 21,679 23,106 25,085 24,917 24,975 25,204 24,857 25,015 24,754 24,442 24,442 24,164	Wednesday 1/23/2013 21,298 21,056 20,939 20,816 21,047 21,803 23,085 25,007 24,810 24,946 24,827 24,745 24,602 24,468 24,602 24,468 24,038 23,710 23,517	Thursday 1/24/2013 20,141 20,272 20,220 20,619 21,526 23,149 24,755 24,632 24,747 24,547 23,885 23,466 23,165 22,864 22,864 22,551 22,925	Friday 1/25/2013 20,345 19,740 19,474 19,582 19,887 20,707 22,057 24,273 24,202 24,273 24,342 24,342 24,342 23,530 23,021 22,594 22,556	Saturday 1/26/2013 17,039 16,738 16,437 16,437 16,627 17,424 18,485 18,730 19,215 19,060 18,696 18,320 17,851 17,554 17,554	Sunday 1/27/2013 15,301 14,807 14,635 14,742 14,983 15,563 16,357 16,357 16,357 16,276 16,475 16,843 16,941 16,807 16,803	Monday 1/28/2013 18,540 18,110 17,869 17,723 17,984 18,742 19,747 21,844 22,284 22,564 22,2564 22,275 21,984 21,394	Tuesday 1/29/2013 17,535 17,000 16,946 16,847 17,139 17,938 19,518 20,629 21,157 21,157 21,157 21,025 20,984 21,050 21,006 21,006	Wednesday 1/30/2013 16,821 16,345 16,230 15,870 16,158 16,839 18,560 20,477 20,567 20,753 21,152 20,860 20,860 20,728 20,512 20,184	1/3
ate our 2000 3000 4000 5000 6000 7000 8000 9000 10000 11000 12000 13000 14000 15000 16000 1700	Wednesday 1/16/2013 18,868 18,448 18,345 18,092 18,504 19,551 21,078 23,034 23,025 22,681 22,554 22,223 21,845 21,769 21,150 20,821 21,156 21,905	Thursday 1/17/2013 18,612 18,075 17,917 18,371 19,254 20,565 22,595 22,611 22,601 22,652 21,952 21,554 21,555 22,5555 22,5555 22,5555 22,5555 22,5555 22,5555 22,55	Friday 1/18/2013 19,025 18,358 18,255 18,107 18,460 19,422 20,932 22,464 22,666 22,694 23,005 22,913 22,799 22,322 21,503 21,037 20,924	Salurday 1/19/2013 16,123 15,730 15,553 15,413 15,467 15,785 16,535 17,803 17,754 18,064 18,050 17,241 16,803 16,348 15,850 16,065 16,085	Sunday 1 1/20/2013 14,480 14,199 13,921 14,264 14,591 14,965 15,717 16,874 16,982 17,404 17,616 17,780 17,560 17,561 17,564 17,554 17,682 18,968	Vonday 1/21/2013 19,039 18,579 18,481 18,493 19,045 19,716 20,921 22,751 23,076 23,394 24,077 24,249 24,128 24,128 24,128 23,954 23,820 24,326	Tuesday 1/22/2013 20,987 20,841 20,664 20,555 20,870 21,679 23,106 25,085 24,917 24,975 25,204 24,857 25,014 24,857 24,754 24,442 24,164	Wednesday 1/23/2013 21,298 21,056 20,939 20,816 21,047 21,803 23,085 25,007 24,810 24,946 24,827 24,745 24,602 24,468 24,038 23,710 23,517 23,743	Thursday 1/24/2013 20,133 20,141 20,272 20,220 20,619 21,526 23,149 24,755 24,632 24,747 24,547 23,466 23,185 22,864 22,551 22,925 23,399	Friday 1/25/2013 20,345 19,740 19,474 19,582 19,887 20,707 22,057 24,273 24,202 24,273 24,202 24,273 24,342 24,190 23,821 23,530 23,021 22,556 22,358	Saturday 1/26/2013 17,039 16,738 16,437 16,142 16,627 17,424 18,485 18,730 19,215 19,060 18,696 18,320 17,851 17,568 17,534 17,552 17,670	Sunday 1/27/2013 15,301 14,805 14,742 14,983 15,563 15,563 15,563 16,357 16,096 16,276 16,475 16,843 16,941 16,803 17,452	Monday 1/28/2013 18,540 18,110 17,869 17,723 17,984 18,742 19,747 21,844 22,484 22,484 22,484 22,564 22,564 22,200 22,175 21,984 21,394 20,920	Tuesday 1/29/2013 17,535 17,000 16,946 16,847 17,139 17,938 19,518 20,629 21,157 21,025 21,025 20,984 21,050 21,006 21,056 20,565 20,263	Wednesday 1/30/2013 16,821 16,345 16,230 15,870 16,158 16,839 18,560 20,477 20,563 20,477 20,563 21,162 20,880 20,880 20,880 20,728 20,512	1/3
ate our 100 200 300 400 500 600 700 800 900 1000 1200 1200 1200 1400 1500 1500 1600 1700 800 1800	Wednesday 1/16/2013 18,868 18,448 18,385 18,092 18,504 19,551 21,078 23,034 23,025 22,681 22,554 22,223 21,845 21,769 21,150	Thursday 1/17/2013 18,612 18,236 18,075 17,917 18,371 19,254 20,565 22,595 22,611 22,652 21,952 21,524 21,556 21,525 21,552 21,552 21,555 21,556 21,221 20,668 20,764 21,296 22,481	Friday 1/18/2013 19,025 18,358 18,255 18,107 18,460 19,422 20,932 22,484 22,461 22,664 22,664 22,664 22,694 23,005 22,913 22,799 22,322 21,503 21,037 20,924 21,037	Salurday 1/19/2013 16,123 15,730 15,553 15,413 15,467 15,785 16,535 17,803 17,754 18,060 17,835 17,241 16,803 16,348 15,850 16,065 16,880 17,697	Sunday 1 1/20/2013 14,480 14,199 13,921 14,264 14,591 14,965 15,717 16,874 16,982 17,404 17,616 17,560 17,561 17,561 17,564 17,554 17,554 17,554 17,554 17,554 17,554 17,554 17,554 17,554	Monday 1/21/2013 19,039 18,579 18,481 18,493 19,045 19,716 20,921 22,751 23,076 23,394 24,077 24,249 24,123 24,123 24,128 23,954 23,954 23,954 23,820 24,326 23,854 23,854 23,854 23,854 23,854 23,854 23,854 23,854 23,854 23,854 23,854 23,854 23,854 23,854 23,854 23,854 23,854 23,854 23,854 24,355 25,317	"uesday 1/22/2013 20,987 20,841 20,664 20,555 20,870 21,679 23,106 25,085 24,977 24,975 25,204 24,857 25,015 24,754 24,422 24,452 24,452 24,553 25,377	Wednesday 1/23/2013 21,298 21,056 20,939 20,816 21,047 21,803 23,085 25,007 24,810 24,946 24,827 24,745 24,602 24,468 24,468 24,468 24,468 24,468 24,468 24,468 23,710 23,517 23,743 24,909	Thursday 1/24/2013 20,133 20,141 20,272 20,220 20,619 21,526 23,149 24,755 24,632 24,747 24,547 23,885 23,466 23,185 22,864 22,551 22,925 23,399 24,327	Friday 1/25/2013 20,345 19,740 19,474 19,582 19,887 20,707 22,057 24,273 24,273 24,273 24,273 24,273 24,322 24,190 23,621 23,530 23,021 22,554 22,358 23,034	Saturday 1/26/2013 17,039 16,738 16,437 16,142 16,294 16,627 17,424 18,485 18,730 19,215 19,060 18,696 18,6320 17,851 17,558 17,554 17,554 17,522 17,670 19,632	Sunday 1/27/2013 15,301 14,807 14,635 14,742 14,983 15,563 16,357 16,096 16,276 16,475 16,843 16,941 16,803 17,452 17,687 18,543 19,540	Monday 1/28/2013 18,540 18,110 17,869 17,723 17,984 18,742 19,747 21,844 22,484 22,484 22,484 22,484 22,564 22,2564 22,2564 21,984 21,394 21,990 21,091 21,110 21,560	Tuesday 1/29/2013 17,535 17,000 16,946 16,847 17,139 19,518 20,629 21,157 21,050 21,00	Wednesday 1/30/2013 16,821 16,345 16,230 15,870 16,158 16,639 18,560 20,477 20,567 20,753 21,152 20,860 20,880 20,728 20,512 20,184 20,225	1/3
ate our 200 3000 400 500 600 7000 1000 1000 1200 1300 1200 1300 1500 1500 1700 1800 1900	Wednesday 1/16/2013 18,868 18,448 18,385 18,092 18,504 19,551 21,078 23,034 23,025 22,681 22,554 22,223 21,845 21,769 21,150 20,821 21,905 21,905 23,078	Thursday 1/17/2013 18,612 18,236 18,075 17,917 18,371 19,254 20,565 22,595 22,611 22,652 21,525 21,525 21,525 21,525 21,525 21,525 21,525 21,525 21,526 21,221 20,668 20,764 21,296	Friday 1/18/2013 19,025 18,358 18,255 18,107 18,460 19,422 20,932 22,484 22,464 22,664 22,664 22,664 22,694 23,005 22,913 22,799 22,322 21,503 21,037 20,924 21,927 21,610	Saturday 1/19/2013 16,123 15,730 15,553 15,413 15,467 15,785 16,535 17,754 18,064 18,050 17,835 17,241 16,803 16,348 15,850 16,085 16,880 17,697 17,474	Sunday 1 1/20/2013 14,480 14,199 13,921 14,264 14,591 14,965 15,717 16,874 16,982 17,404 17,616 17,780 17,564 17,554 17,554 17,554 17,554 17,554 17,554 17,554 17,554 17,554 17,554 17,554 17,554	Vonday 1/21/2013 19,039 18,579 18,481 19,443 19,045 19,716 20,921 22,751 23,076 23,394 24,077 24,249 24,123 24,128 23,954 23,954 23,954 23,820 24,326 25,317 24,628	Tuesday 1/22/2013 20,987 20,841 20,664 20,655 20,870 21,679 23,106 25,085 24,917 24,975 25,204 24,975 25,204 24,857 25,015 24,754 24,422 24,164 24,452 24,553 25,377 24,988	Wednesday 1/23/2013 21,298 21,056 20,939 20,816 21,047 21,803 23,085 25,007 24,810 24,946 24,827 24,745 24,602 24,468 24,038 23,710 23,517 23,743 24,309 24,356	Thursday 1/24/2013 20,133 20,141 20,272 20,220 20,619 21,526 23,149 24,755 24,632 24,747 24,547 23,885 23,466 23,185 22,864 22,551 22,925 23,399 24,327 24,033	Friday 1/25/2013 20,345 19,740 19,474 19,582 19,887 20,707 22,057 24,273 24,202 24,273 24,242,24,342 24,190 23,821 23,530 23,021 22,556 22,358 23,034 22,485	Saturday 1/26/2013 17,039 16,738 16,437 16,142 16,294 16,627 17,424 18,485 18,730 19,215 19,060 18,696 18,630 17,851 17,558 17,554 17,554 17,554 17,554 17,554 17,554 17,554 17,554	Sunday 1/27/2013 15,301 14,635 14,742 14,983 15,563 15,563 16,357 16,096 16,276 16,475 16,843 16,843 16,843 16,843 16,803 17,452 17,687 18,543 19,540 19,142	Monday 1/28/2013 18,540 18,110 17,869 17,723 17,984 18,742 19,747 21,844 22,482 22,564 22,220 22,175 21,984 21,394 21,394 21,394 21,991 21,560 20,921	Tuesday 1/29/2013 17,535 17,000 16,946 16,847 17,139 17,938 19,518 20,629 21,157 21,157 21,157 21,025 20,984 21,050 21,006 20,585 20,263 20,318 20,433	Wednesday 1/30/2013 16,821 16,230 15,870 16,158 16,839 18,560 20,477 20,753 21,162 20,880 20,880 20,880 20,728 20,512 20,184 20,226 20,459	1/2
ate our 100 200 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1500 1500 1800 1900 2000	Wednesday 1/16/2013 18,868 18,448 18,385 18,092 18,504 19,551 21,078 23,034 23,025 22,681 22,554 22,223 21,845 21,769 21,150 20,821 21,155 21,905 23,074 22,924 22,924 22,196	Thursday 1/17/2013 18,612 18,236 18,075 17,917 18,371 19,254 20,565 22,595 22,611 22,601 22,652 21,525 21,524 21,556 21,526 21,526 21,526 21,526 21,526 21,526 21,526 21,526 21,221 20,668 20,764 21,296 22,481 22,230 21,918	Friday 1/18/2013 19,025 18,358 18,255 18,107 18,460 19,422 20,932 22,484 22,661 22,664 22,694 23,005 22,913 22,799 22,322 21,503 21,037 20,924 21,927 21,610 21,244	Salurday 1/19/2013 16,123 15,730 15,553 15,413 15,467 15,785 16,535 17,803 17,754 18,064 18,050 17,241 16,803 16,348 15,850 16,065 16,880 17,697 17,474 17,224	Sunday 1 1/20/2013 14,480 14,199 13,921 14,264 14,591 14,965 15,717 16,874 16,982 17,404 17,616 17,780 17,560 17,561 17,564 17,554 17,482 18,968 20,063 19,986 19,634	Vonday 1/21/2013 19,039 18,579 18,481 18,493 19,045 19,716 20,921 22,751 23,076 23,394 24,077 24,249 24,123 24,128 23,954 23,181 23,820 24,326 25,317 24,628 24,107	⁵ uesday 1/22/2013 20,987 20,841 20,664 20,555 20,870 21,679 23,106 25,085 24,917 24,975 25,204 24,975 25,204 24,857 25,015 24,754 24,442 24,164 24,453 24,553 25,377 24,988 24,986 24,496	Wednesday 1/23/2013 21,298 21,066 20,939 20,816 21,047 21,803 23,085 25,007 24,810 24,946 24,827 24,745 24,602 24,468 24,468 24,038 23,710 23,517 23,743 24,356 23,810	Thursday 1/24/2013 20,133 20,141 20,272 20,220 20,619 21,526 23,149 24,755 24,632 24,747 24,547 23,865 23,466 23,185 22,864 22,551 22,925 23,399 24,327 24,033 23,511	Friday 1/25/2013 20,345 19,740 19,474 19,582 19,887 20,707 22,057 24,273 24,202 24,273 24,202 24,273 24,342 24,350 23,821 22,596 22,556 22,358 23,034 22,485 22,057	Saturday 1/26/2013 17,039 16,738 16,437 16,142 16,234 16,627 17,424 18,485 18,730 19,215 19,060 18,696 18,320 17,851 17,534 17,534 17,532 17,870 19,632 19,243 18,962	Sunday 1/27/2013 15,301 14,807 14,635 14,742 14,983 15,563 16,357 16,096 16,276 16,475 16,843 16,941 16,803 17,452 17,687 18,543 19,540	Monday 1/28/2013 18,540 18,110 17,869 17,723 17,984 18,742 19,747 21,844 22,484 22,484 22,484 22,484 22,564 22,2564 22,2564 21,984 21,394 21,990 21,091 21,110 21,560	Tuesday 1/29/2013 17,535 17,000 16,946 16,847 17,139 17,938 19,518 20,629 21,157 21,025 20,984 21,050 21,006 21,006 20,585 20,263 20,318 20,433 20,317	Wednesday 1/30/2013 16,821 16,245 16,230 15,870 16,158 16,839 18,560 20,477 20,553 21,152 20,860 20,860 20,860 20,728 20,512 20,184 20,225 20,184	1/3
ate our 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1500 1600 1700 1800 1900 2000 2100	Wednesday 1/16/2013 18,868 18,468 18,385 18,092 18,504 19,551 21,078 23,034 23,025 22,681 22,253 21,845 21,769 21,150 20,821 21,155 20,821 21,155 21,905 23,078 22,924 22,196 21,406	Thursday 1/17/2013 18,612 18,236 18,075 17,917 18,371 19,254 20,565 22,595 22,611 22,601 22,652 21,952 21,524 21,525 21,525 21,525 21,525 21,525 21,525 21,526 21,221 20,668 20,764 21,296 22,481 22,230 21,918 21,918 21,918	Friday 1/18/2013 19,025 18,358 18,255 18,107 18,460 19,422 20,932 22,484 22,661 22,664 22,694 23,005 22,913 22,799 22,322 21,503 21,037 20,924 21,927 21,610 21,244 20,841	Salurday 1/19/2013 16,123 15,730 15,553 15,413 15,467 15,785 16,535 17,803 17,754 18,064 18,050 17,835 17,241 16,803 16,348 15,850 16,065 16,880 17,697 17,724 17,224	Sunday 1 1/20/2013 14,480 14,199 13,921 14,264 14,591 14,965 15,717 16,874 16,982 17,404 17,616 17,560 17,561 17,560 17,554 17,666 17,554 17,882 18,968 20,063 19,986 19,634 19,333	Vonday 1/21/2013 19,039 18,579 18,481 18,493 19,045 19,716 20,921 22,751 23,076 23,394 24,077 24,249 24,123 24,128 23,954 23,181 23,820 24,326 24,326	Tuesday 1/22/2013 20,987 20,841 20,664 20,555 20,870 21,679 23,106 25,085 24,917 24,975 25,204 24,857 25,204 24,857 25,015 24,754 24,4975 24,452 24,453 25,377 24,988 24,989 23,769	Wednesday 1/23/2013 21,298 21,056 20,939 20,816 21,047 21,803 23,085 25,007 24,810 24,946 24,827 24,745 24,602 24,468 24,038 23,710 23,517 23,743 24,909 24,356 23,810 22,967	Thursday 1/24/2013 20,133 20,141 20,272 20,220 20,619 21,526 23,149 24,755 24,632 24,747 23,885 23,466 23,185 22,864 22,551 22,925 23,399 24,327 24,033 23,511 22,714	Friday 1/25/2013 20,345 19,740 19,474 19,582 19,887 20,707 22,057 24,273 24,203 24,223 24,24 24,190 23,821 23,530 23,021 22,594 22,556 22,358 23,034 22,485 22,057 21,422	Saturday 1/26/2013 17,039 16,738 16,437 16,142 16,294 16,627 17,424 18,485 18,730 19,215 19,060 18,696 18,320 17,851 17,568 17,532 17,552 17,870 19,632 19,243 18,962 18,457	Sunday 1/27/2013 15,301 14,807 14,635 14,742 14,983 15,563 16,357 16,096 16,276 16,475 16,843 16,941 16,803 17,452 17,687 18,543 19,540 19,142 18,806 18,716	Monday 1/28/2013 18,540 18,110 17,869 17,723 17,984 18,742 19,747 21,844 22,482 22,564 22,220 22,175 21,984 21,394 21,394 21,394 21,991 21,560 20,921	Tuesday 1/29/2013 17,535 17,000 16,946 16,847 17,139 17,938 19,518 20,629 21,157 21,025 21,050 21,050 21,050 21,050 20,585 20,263 20,318 20,433 20,433 20,433	Wednesday 1/30/2013 16,821 16,345 16,230 15,870 16,158 16,839 18,560 20,477 20,567 20,753 21,162 20,880 20,728 20,512 20,184 20,226 20,459 21,369 21,369 21,162	1/3
bate lour 100 200 300 400 500 600 700 800 900 1000 1200 1300 1500 1600 1500 1600 1700 1800 2000 2100	Wednesday 1/16/2013 18,868 18,448 18,385 18,092 18,504 19,551 21,078 23,034 23,025 22,681 22,554 22,223 21,845 21,769 21,150 20,821 21,155 21,905 23,074 22,924 22,924 22,196	Thursday 1/17/2013 18,612 18,236 18,075 17,917 18,371 19,254 20,565 22,595 22,611 22,601 22,652 21,525 21,524 21,556 21,526 21,526 21,526 21,526 21,526 21,526 21,526 21,526 21,221 20,668 20,764 21,296 22,481 22,230 21,918	Friday 1/18/2013 19,025 18,358 18,255 18,107 18,460 19,422 20,932 22,484 22,661 22,664 22,694 23,005 22,913 22,799 22,322 21,503 21,037 20,924 21,927 21,610 21,244	Salurday 1/19/2013 16,123 15,730 15,553 15,413 15,467 15,785 16,535 17,803 17,754 18,064 18,050 17,241 16,803 16,348 15,850 16,065 16,880 17,697 17,474 17,224	Sunday 1 1/20/2013 14,480 14,199 13,921 14,264 14,591 14,965 15,717 16,874 16,982 17,404 17,616 17,780 17,560 17,561 17,564 17,554 17,482 18,968 20,063 19,986 19,634	Vonday 1/21/2013 19,039 18,579 18,481 18,493 19,045 19,716 20,921 22,751 23,076 23,394 24,077 24,249 24,123 24,128 23,954 23,181 23,820 24,326 25,317 24,628 24,107	Tuesday 1/22/2013 20,987 20,841 20,664 20,555 20,870 21,679 23,106 25,085 24,917 24,975 25,204 24,975 25,204 24,857 25,015 24,754 24,422 24,455 24,452 24,553 25,377 24,988 24,498 25,3769 22,622	Wednesday 1/23/2013 21,298 21,056 20,939 20,816 21,047 21,803 23,085 25,007 24,810 24,946 24,827 24,745 24,602 24,468 24,602 24,468 24,038 23,710 23,517 24,516 24,516 24,517 21,556 24,517 21,557 24,557 24,557 24,557 24,557 24,557 25,557 24,557 25,5577 25,5577 25,5577 25,5577 25,5577 25,55777 25,557777777777	Thursday 1/24/2013 20,133 20,141 20,272 20,220 20,619 21,526 23,149 24,755 24,632 24,747 24,547 23,885 23,466 23,185 22,864 22,551 22,925 23,399 24,327 24,033 23,511 22,714 21,549	Friday 1/25/2013 20,345 19,740 19,474 19,582 19,887 20,707 22,057 24,273 24,273 24,273 24,273 24,273 24,273 24,322 24,190 23,821 23,530 23,021 22,554 22,558 23,034 22,485 22,057 21,422 20,194	Saturday 1/26/2013 17,039 16,738 16,437 16,142 16,294 16,627 17,424 18,485 18,730 19,215 19,060 18,696 18,630 17,851 17,554 17,554	Sunday 1/27/2013 15,301 14,807 14,635 14,742 14,983 15,563 15,563 16,357 16,096 16,276 16,475 16,843 16,941 16,803 17,452 17,687 18,543 19,540 19,142 18,806 18,716 18,572	Monday 1/28/2013 18,540 18,110 17,869 17,723 17,984 18,742 19,747 21,844 22,482 22,564 22,2564 22,2564 22,2564 21,394 21,394 21,394 21,394 21,394 21,394 21,092 21,091 21,110 21,560 20,921 20,493 19,811 18,768	Tuesday 1/29/2013 17,535 17,000 16,946 16,847 17,139 17,938 19,518 20,629 21,157 21,025 20,984 21,050 21,006 20,585 20,263 20,433 20,433 20,437 20,539 19,960 19,458 18,299	Wednesday 1/30/2013 16,821 16,245 16,230 15,870 16,158 16,839 18,560 20,477 20,557 20,753 21,152 20,860 20,860 20,728 20,512 20,184 20,256 20,459 21,162 20,859 21,162 20,859 21,162 20,859	1/3
Date iour 100 200 3000 500 600 700 800 900 1000 1200 1300 1400 1500 1500 1500 1500 2000 2100 2200 2300	Wednesday 1/16/2013 18,868 18,448 18,385 18,092 18,504 19,551 21,078 23,034 23,025 22,681 22,554 22,223 21,845 21,769 21,150 20,821 21,155 23,078 22,924 22,924 22,924 22,196 21,406 20,044	Thursday 1/17/2013 18,612 18,236 18,075 17,917 18,371 19,254 20,565 22,595 22,611 22,652 21,524 21,526 21,524 21,526 21,221 20,668 20,764 21,296 22,481 22,230 21,918 22,481 22,230 21,918 22,481 22,230 21,918 21,433 20,699	Friday 1/18/2013 19,025 18,358 18,255 18,107 18,460 19,422 20,932 22,484 22,661 22,664 22,664 22,664 22,694 23,005 22,913 22,799 22,322 21,503 21,037 20,924 21,927 21,610 21,244 20,841 19,437	Salurday 1/19/2013 16,123 15,553 15,413 15,467 15,785 16,535 17,803 17,754 18,064 18,050 17,835 17,241 16,803 16,348 15,850 16,880 17,697 17,474 17,224 16,927 16,231	Sunday 1 1/20/2013 14,480 14,199 13,921 14,264 14,591 14,965 15,717 16,874 16,982 17,404 17,616 17,780 17,561 17,564 17,564 17,554 17,564 17,554 17,466 17,554 17,564 17,554 17,564 17,554 17,682 18,968 20,063 19,986 19,634 19,080	Vonday 1/21/2013 19,039 18,579 18,481 18,493 19,045 19,716 20,921 22,751 23,076 23,394 24,077 24,249 24,123 24,128 23,954 23,954 23,850 24,326 25,317 24,628 24,107 24,628 25,317 24,628	Tuesday 1/22/2013 20,987 20,841 20,664 20,555 20,870 21,679 23,106 25,085 24,917 24,975 25,204 24,857 25,204 24,857 25,015 24,754 24,4975 24,452 24,453 25,377 24,988 24,989 23,769	Wednesday 1/23/2013 21,298 21,056 20,939 20,816 21,047 21,803 23,085 25,007 24,810 24,946 24,827 24,745 24,602 24,468 24,038 23,710 23,517 23,743 24,909 24,356 23,810 22,967	Thursday 1/24/2013 20,133 20,141 20,272 20,220 20,619 21,526 23,149 24,755 24,632 24,747 23,885 23,466 23,185 22,864 22,551 22,925 23,399 24,327 24,033 23,511 22,714	Friday 1/25/2013 20,345 19,740 19,474 19,582 19,887 20,707 22,057 24,273 24,203 24,223 24,24 24,190 23,821 23,530 23,021 22,594 22,556 22,358 23,034 22,485 22,057 21,422	Saturday 1/26/2013 17,039 16,738 16,437 16,142 16,294 16,627 17,424 18,485 18,730 19,215 19,060 18,696 18,320 17,851 17,568 17,532 17,552 17,870 19,632 19,243 18,962 18,457	Sunday 1/27/2013 15,301 14,807 14,635 14,742 14,983 15,563 16,357 16,096 16,276 16,475 16,843 16,941 16,803 17,452 17,687 18,543 19,540 19,142 18,806 18,716	Monday 1/28/2013 18,540 18,110 17,669 17,723 17,984 18,742 19,747 21,844 22,482 22,564 22,220 22,175 21,984 21,394 20,920 21,091 21,110 21,560 20,921 21,110 21,560	Tuesday 1/29/2013 17,535 17,000 16,946 16,847 17,139 17,938 19,518 20,629 21,157 21,157 21,157 21,025 20,984 21,050 21,050 21,050 21,056 20,263 20,318 20,433 20,877 20,539 19,960 19,458	Wednesday 1/30/2013 16,821 16,230 15,870 16,158 16,839 18,560 20,477 20,753 21,162 20,880 20,880 20,728 20,512 20,142 20,128 20,128 20,1459 21,162 20,459 21,169 21,169 21,169	1/3



Napoleon	Capacity Plan -	Actual									
Jan	2012	ACTUAL DEMAND	= 25.377	MW			-				
Days	31	ACTUAL ENERGY		MWH							
			11,017			ENERGY				FEFFOR	
		DEMAND	ENERGY	LOAD	RATE	RATE	DEMAND	ENERGY	TOTAL	EFFECTIVE RATE	% OF
	SOURCE	MW	MWH	FACTOR	\$/KW	\$/MWH	CHARGE	CHARGE	CHARGES	S/MWH	
	(1)	(2)	(4)	(5)	(6)	(7)	(9)	(10)		•	
1	NPP Pool Purchases	0.00	266	0%	\$0.00	\$19.89	\$0	\$5,288	(11) \$5,288	(12)	(13)
2	NPP Pool Sales	0.00	-2,295	0%	\$0.00	\$32.68	\$0 \$0	,,∠oo -\$75,006	\$5,∠88 -\$75.006	\$19.89 \$32.68	0.5%
3	AFEC	8.77	4,155	64%	\$7.59	\$31.73	\$66,553	\$131.852	-\$75,006 \$198,405	\$32.68 \$47.75	-7.5%
4	Prairie State	4.98	2,450	66%	\$18.06	\$21.85	\$89,851	\$53,536	\$196,405 \$143,388	\$47.75 \$58.53	20.0% 14.4%
5	NYPA - Ohio	1.04	494	64%	\$3.76	-\$0.30	\$3,891	-\$150	\$3,741	\$50.53 \$7.57	0.4%
6	JV5	3.09	2,297	100%	\$20.32	\$24.07	\$62,748	\$55,296	\$118,044	\$7.57 \$51.38	11.9%
7	JV6	0.30	86	39%	\$15.21	\$0.00	\$4,563	\$0 \$0	\$4,563	\$53.01	0.5%
В	Napoleon Solar	1.04	80	10%	\$3.56	-\$83.16	\$3,699	-\$6.678	-\$2,979	-\$37.09	-0.3%
9	AMPGS Replace 7x24	7.00	5,208	100%	\$0.00	\$60.71	\$0	\$316,159	\$316,159	\$60.71	31.8%
10	AMPGS Replace 5x16	5.00	1,760	47%	\$0.00	\$70.38	\$0	\$123,876	\$123,876	\$70.38	12.5%
11	AMPCT	12.40	5	0%	-\$2.64	\$50.52	-\$32,694	\$265	-\$32,429	-\$6,174.62	-3.3%
12	JV2	0.26	0	0%	-\$3.07	\$60.00	-\$811	\$1	-\$809	-\$38,536.02	-0.1%
	POWER TOTAL	43.87	14,507	44%			\$197,801	\$604,440	\$802,241	\$55.30	80.7%
13	Energy Efficiency		0		\$0.00	\$0.00	\$0	\$38,168	\$38,168	\$0.00	3.8%
14	Installed Capacity	30.25		-	\$1.87	[\$56,673	-\$5,338	\$51,334	\$3.50	5.2%
15	TRANSMISSION	33.43	12,243		\$2.23	\$1.57	\$74,588	\$19,177	\$93,765	\$6.40	9.4%
16	Distribution Charge	33.43	r	-	\$0.00	\$0.00	\$0	\$0	\$0	\$0.00	0.0%
17	Service Fee B		14,647]		\$0.48	·	\$7,031	\$7,031	\$0.48	0.7%
18	Dispatch Charge		14,647			\$0.09		\$1,258	\$1,258	\$0.09	0.1%
	OTHER TOTAL						\$131,261	\$60,296	\$191,557	\$13.08	19.3%
GRAND TOTAL PI			14,507	-			\$329,062	\$664,737	\$993,798	<u></u>	10.070
Delivered to memb	pers	25.377	14,647	78%		Τ	\$329,062	\$664,737	\$993,798	\$67.85	100.0%
		DEMAND	ENERGY	L.F.		·		L <u>· · · · · · · · · · · · · · · · · · ·</u>	TOTAL \$	\$/MWh	Avg Temp
	2013 Forecast	24.31	14,483	80%					\$985,118	\$68.02	25.5
	2012 Actual	24.03	14,664	82%					\$977,790	\$66.68	30.2
	2011 Actual	25.04	14,919	80%					\$969,393	\$64.98	22.1
									Actual Temp		39.5



IG ASSOCIATION	Omega Joint Venture Two	INVOICE NUMBER:	176411
	1111 Schrock Rd, Suite 100	INVOICE DATE:	2/5/2013
	COLUMBUS, OHIO 43229	DUE DATE:	2/15/2013
	PHONE: (614) 540-1111	TOTAL AMOUNT DUE:	\$300.07
	FAX: (614) 540-1078	CUSTOMER NUMBER:	5020
		CUSTOMER P.O. #:	
	City of Napoleon		
	Gregory J. Heath, Finance Director	PLEASE WRITE INVOICE NUMBER ON	
	255 W. Riverview Ave., P.O. Box 151	REMITTANCE AND RETURN YELLOW INVOICE	
	Napoleon, Ohio 43545-0151	COPY, MAKE CHECK PAYABLE TO OMEGA JV 2	

\$300.07

Amount

\$300.07

\$300.07

OMEGA JV2 POWER INVOICE -	<u>January, 2013</u>				Ameri	Do Not Pay Paid by E-Pay can Municipal PWR Inc Ray Merrill 614-540-0914	·
FIXED RATE CHARGE:	264	kW	*	\$1.07 /	/kW =		\$282.53
ENERGY CHARGE: SERVICE FEES: Fuel Costs that were not recovered through Er	0	kWh kWh ket		\$0.000000 / \$0.000000 /			\$0.00 \$0.00 \$17.54

TOTAL CHARGES

	d payment charge, payment must be r use by OMEGA JV-2 on or before the		
Wire Transfer Information: Huntington National Bank Columbus, OH Account: 0189-2204055 ABA: #044 000024		Mailing Address: AMP, Inc. Dept. L614 Columbus, OH 43260	
Bank Lockbox Depo	sit Use Only		
62-4470-8662-4110	\$282.53 62-4470-8662-4121	\$0.00	
10-4170-8510-4610	\$0.00 62-4470-8662-4111	\$0.00	
62-4470-8662-4125	\$0.00 62-4470-8662-4128	\$17.54	
62-4470-8662-4700	\$0.00		
Omega JV2	0189-2204055		

TOTAL DEPOSIT

	ath, Finance Director iew Ave., P.O. Box 151		INVOICE NUMBER: INVOICE DATE: DUE DATE: TOTAL AMOUNT DUE: CUSTOMER NUMBER: CUSTOMER P.O. NUMBE MAKE CHECKS PAYABL		176516 2/5/2013 2/20/2013 \$64,474.06 5020 BL980397 OMEGA JV5
Debt Service - OMEGA JV5		PLEASE WRITE INV AND RETURN YELL	OICE NUMBER ON REMITTANCE OW INVOICE COPY.		
FOR THE MONTH/YEAR OF:	February, 2013				
Financing CHARGES: Base Financing Principal Paymen Base Financing Interest Payment:		\$13.306145 \$7.572760	/ kW * / kW *	3,088 kW = 3,088 kW =	\$41,089.38 \$23,384.68
TOTAL Financing CHARGES:		\$20.878905	/ kW *	3,088 kW =	\$64,474.06
SUB-TOTAL					\$64,474.06
Total OMEGA JV5 Fin	ancing Invoice:				\$64,474.06
* To avoid a delayed payment cha use by OMEGA-JV5 on or before		ade to provide a	vailable funds for		
Mailing Address :	OMEGA JV5/AMP, Inc. Dept. L614 Columbus, OH 43260			Wire or ACH Transfer Info Huntington National Bank Columbus, Ohio	

000mbus, 01140200	Account No. 0189-2204055 ABA: #044 000024
Entity Bank Lockbox Deposit	AMOUNT
65 \$64,474.06	
OMEGA JV5 0189-2204055	\$64,474.06

		INVOICE NUMBER:		176474
OF BO MUNICIPAL ELECTRIC GENERATING ASSOCIATION		INVOICE DATE:		2/5/2013
1111 Schrock Rd, Suite 100 Columbus, Ohio 43229	Do Not Pay Paid by E-Pay ican Municipal PWR Inc	DUE DATE:		2/20/2013
	/ Merrill 614-540-0914	TOTAL AMOUNT DUE:		\$66,920.08
		CUSTOMER NUMBER:		5020
City of Napoleon		CUSTOMER P.O. NUMBER:		BL980397
Gregory J. Heath, Fina 255 W. Riverview Ave Napoleon, Ohio 43545	., P.O. Box 151	MAKE CHECKS PAYABLE TO:		OMEGA JV5
		PLEASE WRITE INVOICE NUMBER ON REMITTAN AND RETURN YELLOW INVOICE COPY.	DE	
FOR THE MONTH/YEAR OF: Janua DEMAND CHARGES: Base Financing Demand Charge: (Invoiced	ry. 2013 I seperately as of 1/1/07)			-
Base Operating Expense Demand Charges Seca Associated with JV5.	\$3.764245 \$0.000000	/ kW * / kW *	3,088 kW = 3,088 kW =	\$11,623.99 \$0.00
TOTAL DEMAND CHARGES:	\$3.764245	/ kW *	3,088 kW =	\$11,623.99
ENERGY CHARGES: JV5 Repl. Pwr. & Variable (Budgeted Rate) JV5 Fuel Cost (Actual Expense):): \$0.024068 \$0.000000		2,297,472 kWh = 2,297,472 kWh =	
TOTAL ENERGY CHARGES:	\$0.024068	/ kWh * 2	2,297,472 kWh =	\$55,296.09
SUB-TOTAL		I	••••	\$66,920.08
				\$0.00 \$0.00

Total OMEGA JV5 Invoice:	\$66,920.08

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

Mailing Address :

=

OMEGA JV5/AMP, Inc. Dept. L614 Columbus, OH 43260 Wire or ACH Transfer Information : Huntington National Bank Columbus, Ohio Account No. 0189-2204055 ABA: #044 000024 AMOUNT

Entity Bank Lockbox Deposit 65 \$66,920.08 OMEGA JV5 0189-2204055

\$66,920.08



AMERICAN MUNICIPAL POWER, INC.

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

INVOICE NUMBER:	176534
INVOICE DATE:	2/1/2013
DUE DATE:	2/15/2013
TOTAL AMOUNT DUE:	\$3,531.00
CUSTOMER NUMBER:	5020

CUSTOMER P.O. #:

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

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

AMOUNT DUE FOR : February, 2013 -	Interest	\$33.34
Demand Charge 300 Kw * 11.77 per kW-Month	Princípal	<u>Total</u> \$3,497.66
Omega JV6Project Capacity:300 kWYear 2013		Do Not Pay Paid by E-Pay American Municipal PWR Inc Ray Merrill 614-540-0914

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

Wire or ACH Transfer Information : Huntington National Bank Columbus, Ohio Account: 0189-2204055 ABA: #044 000024	Mailing Address : AMP, Inc. Dept. L614 Columbus, Ohio 43260	
Bank Lock Box Deposit 14 \$3,531.00		AMOUNT
General Fund 0189-2204055		\$3,531.00

TOTAL DEPOSIT

\$3,531.00

Company a second second to	AMERICAN MUNICIPAL POWER, INC.	INVOICE NUMBER:	176544
MONAFGA	1111 Schrock Rd, Suite 100	INVOICE DATE:	2/1/2013
	COLUMBUS, OHIO 43229	DUE DATE:	2/15/2013
OHIO AQUNICIPAL ELECTRIC	PHONE: (614) 540-1111	TOTAL AMOUNT DUE:	\$1,352.13
GENERATING ASSOCIATION	FAX: (614) 540-1078	CUSTOMER NUMBER:	5020
		CUSTOMER P.O. #:	

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

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

Omega JV6 Project Capacity: 3 Year 2013	300 kW	Do Not Pay Paid by E-Pay American Municipal PWR Inc Ray Merrill 614-540-0914
<u>Electric Fixed</u> 300 Kw * 4.51 per	kW-Month	Total
February, 20 AMOUNT DUE FOR :	13 - Electric Fixed	\$1,352.13

TOTAL CHARGES

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

AMP, Inc.
Dept. L614
Columbus, Ohio 43260

Bank Lock Box	Deposit		AMOUNT
	66	\$1,352.13	
General Fund	0189-	2204055	\$1,352.13

TOTAL DEPOSIT

\$1,352.13

\$1,352.13

2013-03-MARCH	
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	Page	1	of	4	
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2/20/201	3
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BILLING DETERMINANT	' <mark>S for</mark>	BILLIN	IG CYCLE	- MARQ	<u>CH, 2013</u>										
MARCH, 2013 2013 - MARCH BILLING WITH FEBRUAR	RY 2013 D	ATA BILLI	ING UNITS												
	Ī	Feb-13			1		Cost / KWH	Mar-12	a na na se		1	Apr-12		· · · · ·	
Class and/or	Rate	# of	Feb-13	Feb-13	Billed kVa	Cost / kWH	Prior 12 Mo	# of	Mar-12	Mar-12	Cost / kWH	# of	Apr-12	Apr-12	Cost / kWH
Schedule	Code	Bills	(kWh Usage)	Billed	of Demand	For Month	<u>Average</u>	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month
Residential (Dom-In)	E1	3,345	2,364,247	\$259,452.84		\$0.1097	\$0.1067	3,351	2,281,837	\$241.446.06	\$0 1058	3,348	2,003,331	\$191.012 70	\$0 0953
Residential (Dom-In - All Electric)	E2	610	715,541	\$76,089,63	0	\$0 1063	\$0.1053	621	764,061	\$77,799.02	\$0 1018		621 131	\$56.718 75	
Total Residential (Domestic)		3,955	3,079,788	\$335,542.47	0	\$0 1089	\$0.1065	3,972	3,045,898	\$319,245.08	\$0 1048	3,971	2,624,462	\$247,731.45	\$0 0944
Residential (Rural-Out)	ER1	737	890,190	\$101,656.64	0	\$0 1142	\$0 1129	737	840,842	\$92,858.56	\$0 1104	735	745,915	\$74,483 85	\$0.0999
Residential (Rural-Out - All Electric)	ER2	389	608,114	\$68,290 80	0	\$0 1123	\$0 1113	393	598,244	\$64,740.47	\$0 1082	392	517,574	\$50,495.00	\$0.0976
Residential (Rural-Out w/Dmd)	ER3	15	19,557	\$2,220.41	200	\$0.1135	\$0 1100	15	26,664	\$2,857 55	\$0.1072	15	29,499	\$2,799 46	\$0 0949
Residential (Rural-Out - All Electric w/Dme	ER4	10	11,785	\$1,348.57	87	\$0 1144	\$0.1107	10	13,298	\$1,452.28	\$0 1092	10	12,396	\$1,215.62	\$0.0981
Total Residential (Rural)		1,151	1,529,646	\$173,516.42	287	\$0 1134	\$0.1122	1,155	1,479,048	\$161,908.86	SD 10 95	1,152	1,305,384	\$128,993.93	\$0 0986
Commercial (1 Ph-In - No Dmd)	EC2	76	45,976	\$6,511.14		\$0.1416	\$0 1371	70	38,793	\$5 092 91	\$0 1313	71	34.969	\$4,111.09	\$0.1176
Commercial (1 Ph-Out - No Dmd)	EC2O	40	13,986	\$2,185.06	0	\$0.1562	\$0 1534	41	18,831	\$2,557,20	\$0 1358	40	12,582	\$1,654.29	\$0 1315
Total Commercial (1 Ph) No Dmd		116	59,962	\$8,696.20	14	\$0.1450	\$0.1411	111	57,624	\$7,650.11	\$0 1328	111	47,551	\$5,765.38	\$0 1212
Commercial (1 Ph-In - w/Demand)	EC1	265	335,728	\$45,919 15	1730	\$0.1368	\$0 1300	266	361,521	\$44,571 76	\$0 1233	266	332,747	\$36,199.19	\$0.1088
Commercial (1 Ph-Out - w/Demand)	EC10	26	37,944	\$5,136 07	195		\$0.1293	26	43,497	\$5,192.11	\$0 1194	26	41,277	\$4,346,79	
Total Commercial (1 Ph) w/Demand		291	373,672	\$51,055.22	1,925	\$0.1366	\$0 1299	292	405,018	\$49,763.87	\$0 1229	292	374,024	\$40,545.98	\$0 1084
Commercial (3 Ph-In - No Dmd)	EC4	o î	D.	\$0.00	. n	\$0 0000	\$0 5393	1.	34:	\$21 74	\$0 6394	1	48	\$22.48	\$0.4683
Commercial (3 Ph-Out - No Dmd)	EC4O	2	3,680	\$483.82	26			2	4,240	\$500 87		2	320	\$65 85	
Total Commercial (3 Ph) No Dmd		2	3,680	\$483.82	26	\$0.1315	\$0 1393	3	4,274	\$522.61	\$0 1223	3	368	\$88.33	\$0 2400
Commercial (3 Ph-In - w/Demand)	EC3	201	1,415,555	\$171,941.74	4939	\$0.1215		199	1 448 848	\$157,462.71	\$0 1087	199	1.420.041	\$132,055.62	\$0 0930
Commercial (3 Ph-Out - w/Demand)	EC30	32	258,267	\$32,631 27	1228	\$0 1263		. 33	255,923	\$28,815 88				\$20,805.52	\$0 0954
Commercial (3 Ph-Out - w/Dmd &Sub-St Commercial (3 Ph-In - w/Demand, No Ta)	E3SO EC3T	2 _. 1	99,960 1,680	\$11,629 87 \$209 25	398	\$0 1163 \$0 1246		2	139,440	\$14,030 63 \$227 76		2	122,840 2,160	\$10,608 74 \$197.97	
Total Commercial (3 Ph) w/Demand		236	1,775,462	\$216,412.13	1			235	1,846,291	\$200,536.98		235	1,763,238	\$163,667.85	;
	F 1 4				∎===			-	A construction of the second s	· · · · ·					
Large Power (In - w/Dmd & Rcl) Large Power (In - w/Dmd & Rcl, w/SbCr)	EL1 EL2	24	2,130,951 112,800	\$217,738.62	5684	\$0 1022		26	3,554,713	\$320,374.74		26	3,199,396	\$256,360 63	
Large Power (Out - w/Dmd & Rct)	EL10	2.	73,980	\$16,271.65 \$8,268.95				1	27,840 73,080	\$3.982 24		1	12,960	\$2,904.46	
Large Power (Out - w/Dmd & Rct, w/SbCi	EL2O	2	247,200	\$29,689.86				2	412,560	\$7.724 30 \$38,116 77		2	64.260 363.600	\$6,412.76	
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	76,411	\$12,654,57	440			2	70,654	\$7,668.05	-		38,400	\$31,333.90 \$3,290.04	
Total Large Power		31	2,641,342	\$284,623.65	7,837	\$0.1078	\$0 0932	32	4,138,847	\$377,866.10	;		***************	\$300,301,79	1 -
Industnal (In - w/Dmd & Rct, w/SbCr)	EI1	2	1,929,342	\$159,002.64	3646	\$0 0824	÷ co.o706		1 014 000		÷ •		e des de la	and the second	-
Industrial (In - w/Dmd & Ret, No/SbCr)	EI2	1	622,773	\$57,971,33				1	1,314,886 923,159	\$101,841 39 \$74,219 32		1	1,213,635 839,632	\$84,749 93 \$60,954 68	
Total Industrial		3	2,552,115	\$216,973.97	5,222	\$0.0850	\$0 0818	2	2,238,045	\$176,060.71		2	2,053,267	\$145,704.61	
					·····	İ					1	. *	2,000,207	\$145,704.01	: 4007 R
Interdepartmental (In - No Dmd) Interdepartmental (Out - No Dmd)	ED1 ED10	48_	158,448 0	\$15,737 81 \$0 00	105	5 \$0.0993 \$0.0000		49	153,820	\$14,623,93		49	129,323	\$10,802 95	
Interdepartmental (In - w/Dmd)	ED2	20	339,370	\$32,854 61				1 20	0: 384,916	\$0 00 \$35,720 65		1	0	\$0.00	
Generators (JV2 Power Cost Only)	GJV2	1	21,029	\$1,176 57	34				25,102	\$1.181.80		20	e i internet ge	\$25,411 38	
Generators (JV5 Power Cost Only)	GJV5	1	18,257	\$1,021,48					17 745	\$835 43		1	20,146	\$512 72 \$366 96	
Total Interdepartmental		71	537,104	\$50,790.47	1,287	- \$0 0946	\$0.0895	72	581,583	\$52,361.81	\$0 0900	72	476,390	\$37,094.01	
						Į] .			•		······		1
SUB-TOTAL CONSUMPTION & DEMAN	D	5,856	12,552,771	\$1,338,094.35		\$0 1066	\$0 1002		13,796,628	\$1,345,916.13	\$0 0976	+ * *		\$1,069,893.33	\$0 0868
		1 7				1	1				-	1		*******	
Street Lights (In) Street Lights (Out)	SLO SLOO	16	0	\$14 20 \$0 77		so. 0000			0	\$14.20				\$14 20	
	0200			**********************		50 0000 -	\$0 0000	2	.0	\$0 77	\$0 0000	2		\$0 77	\$0 0000
Total Street Light Only		18	0	\$14.97	i a	so coo c	\$0 0000	18	0	\$14.97	\$0 0000	18	0	\$14.97	\$0.0000
TOTAL CONSUMPTION & DEMAND		5,874	12,552,771	\$1,338,109.32	23,168		en 1000		43 700 000	## 34F 03+ ++					
				31,336,109.32		3 \$0 1066 =	\$0 1002	1	13,796,628	\$1,345,931.10	÷	4 · ·	12,323,300	\$1,069,908.30	\$0 0868
)13-03-MARCH		•				-1									<u>.</u>

ELECT

BILLING DETERMINANTS for

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- 25		1910

MARCH, 2013	<u></u>					-										· · ·	· .
2013 - MARCH BILLING WITH FEBRUAI	RY 2013 E															· · · · · ·	na sta F
Class and/or	Rate	May-12 # of	May-12	May-12	Cost / kWH	Jun-12 # of	Jun-12	Jun-12	Cost / kWH	Jul-12 # of	Jul-12	1	Cost / kWH	Aug-12 # of	A 40		Cont (MAR)
Schedule	Code	Billis	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month	# or <u>Bills</u>	(kWh Usage)	Jul-12 <u>Billec</u>	For Month	Bills	Aug-12 (kWh Usage)	Aug-12 Billed	Cost / kWH For Month
Residential (Dom-In) Residential (Dom-In - All Electric)	E1 E2	3,331 617	1,838,146 431,078	\$204,944,68 \$47,091,46	\$0 1115 \$0 1092	3,345 621	1,761,017 381,243	\$199,341 38 \$42,541 29	\$0 1132 \$0 1116	3,337 616	2.283,884 415,828	\$269,307 62 \$49,083 48	\$0 1179 \$0 1180	3,339 615	3,411,297 545,552	\$366,730.13 \$59,137.58	\$0 1075 \$0 1084
Total Residential (Domestic)		3,948	2,269,224	\$252,036.14	\$0 1111	3,966	2,142,260	\$241,882.67	\$0 1129	3,953	2,699,712	\$318,391.10	\$0 1179	3,954	3,956,849	\$425,867.71	\$0.1076
Residential (Rural-Out)	ER1	734	598,235	\$70,345.44	\$0.1176	737	574,482	\$68,564 68	\$0.1194	738	706 242	\$87,788 31	\$0.1243	741	970,184	\$110,563 50	\$0 1140
Residential (Rural-Out - All Electric)	ER2	393	397,718	\$45.820 54	\$0 1152	391	373,115	\$43,654 50		391	411,039	\$50,709 34	\$0.1234	390	542,835	\$61,617 72	\$0 1135
Residential (Rural-Out w/Dmd) Residential (Rural-Out - All Electric w/Dm	ER3 ER4	15 10	17,731 10,370	\$2,015 38 \$1,192 02	\$0 1137 \$0 1149	15 10		\$1,827 48 \$1,151 51	\$0.1159 \$0.1166	15 10	13,811 11,181	\$1,721.42 \$1,372.86	\$0 1246 \$0 1228	15 10	• 6 6.00	\$1,522.70 \$1,513.58	
Total Residential (Rural)		1,152	1,024,054	\$119,373.38	\$0 1166	1,153	973,238	\$115,198.17	\$0 1184	1,154	1,142,273	\$141,591.93	\$0 1240	1,156	1,539,235	\$175,217.50	\$0.1138
Commercial (1 Ph-In - No Dmd) Commercial (1 Ph-Out - No Dmd)	EC2 EC2Q	72 40	35,777 10,544	\$5,062 48 \$1,719 13	\$0 1415 \$0 1630	73 40	34,381 10,203	\$4,920 85 \$1,682 12	\$0 1431 \$0 1649	73 40	39,292 10,855	\$6,041 82 \$1,909 03	\$0.1538 \$0.1759	74 40		\$5.338.61 \$1,730.38	\$0 1395 \$0 1612
Total Commercial (1 Ph) No Dmd		112	46,321	\$6,781.61	\$0.1464	113	44,584	\$6,602.97	\$0 1481	113	50,147	\$7,950.86	\$0 1586	114	49,005	\$7,068.99	\$0 1443
Commercial (1 Ph-In - w/Demand) Commercial (1 Ph-Out - w/Demand)	EC1 EC10	266 26	328,241 35,283	\$44,738 20 \$4,727 21		266 26		\$41,187.77 \$4,292,23	\$0.1393 \$0.1359	265 27	343,510 33,003	\$51,544.63 \$5,024.13	\$0 1501 \$0 1522	265 27		\$50,773 99 \$5,135 90	
Total Commercial (1 Ph) w/Demand		292	363,524	\$49,465.41	\$0 1361	292	327,303	\$45,480.00	\$0 1390	292	376,513	\$56,568.76	\$0.1502	292	423,440	\$55,909.89	\$0 1320
Commercial (3 Ph-In - No Dmd) Commercial (3 Ph-Out - No Dmd)	EC4 EC4O	0 2	0 480	\$0 00 \$92 36		0 2	0	\$0.00 \$36.00		0	0 0	\$0 00 \$36 00	\$0 0000 \$0 0000	0		\$0.00 \$36.00	身子 おうし こうしょう
Total Commercial (3 Ph) No Dmd		2	480	\$92.36	\$0 1924	2	o ¦	\$36.00	\$0 0000	2	0	\$36.00	\$0 0000	2	0	\$36.00	\$0 00 00
Commercial (3 Ph-In - w/Demand)	EC3	198	1,385.048	\$162,972 55	\$0.1177	198	1,434,586	\$170,923.90	\$0.1191	200	1,477,726	\$194,743 67	\$0.1318	200	1,712,964	\$197,216.69	\$0 1151
Commercial (3 Ph-Out - w/Demand)	EC3O	33	÷ .	\$23,463 18				\$22,214 31	\$0.1267	33	185,367	\$25,853.95	\$0.1395	33		\$29,088.11	
Commercial (3 Ph-Out - w/Dmd &Sub-St. Commercial (3 Ph-In - w/Demand, No Ta)	E3SO EC3T	2 1	117,720 1,960	\$13,067 39 \$230 26			119,440 1,960	\$13,236.40 \$234.50		2 1	110,120 1,680	\$13,782 20 \$227.88		. 2	(c) (d) (d) (d) (d) (d) (d)	\$12,626,93 \$316,75	
Total Commercial (3 Ph) w/Demand		234	1,693,907	\$199,733.38	\$0 1179	234	1,731,352	\$206,609.11	\$0 1193	236	1,774,893	\$234,607.70	\$0 1322	236	2,076,038	\$239,248.48	\$0.1152
Large Power (In - w/Dmd & Rct)	ĘL1	26	3,566,453	\$333,792.62				\$334.460.62	\$0.0956	26	3,717,438	\$362,616.41	\$0 0975	26	3,688,122	\$326,784.57	\$0 0886
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	, <u>1</u> :	12.480	\$3,473 35				\$4,616.40		2	57,120	\$7,165 11	\$0 1254	2		\$5,325.11	
Large Power (Out - w/Dmd & Rct)	EL10	. 1	58,320	\$7,529.26		+		\$7,796.10		1	86,400	\$10,683 94		1	110,520	\$11,325.25	
Large Power (Out - w/Dmd & Rct, w/SbCi Large Power (In - w/Dmd & Rct, w/SbCr)	EL2O EL3	2	397,200 16.800	\$40,853 20 \$2,449 96		2		\$41,264 83 \$14,752 32		2 2	443,280 71,731	\$45,463 72 \$11,939 16		2		\$37,783 24 \$14,087 70	est i
Total Large Power		32	4,051,253	\$388,098.39	\$0 0958	32	4,057,370	\$402,890,27	\$0 0993	33	4,375,969	\$437,868.34	\$0 1001	33	4,305,312	\$395,305.87	\$0 0918
industrial (in - w/Dmd & Rct, w/SbCr)	El1	1	1 222 199	\$99,931 68	1			\$96,887 61		1	1 225 661	\$104,581 63		1	1 234 535	\$93,694 76	
Industrial (In - w/Dmd & Rct, No/SbCr)	El2		986.067	\$83,734.08			876,672	\$79,178 29	-		900,860	\$81,661 20	•	1	790,574	\$67,201.22	1
Total Industrial		. 2	2,208,266	\$183,665.76		1		\$176,065.90	\$0 0868	2	2,126,521	\$186,242.83	\$0 0876	2	2,025,109	\$160,895.98	\$0.0795
Interdepartmental (In - No Dmd)	ED1	49		\$10,077 83				\$9,289.99		. .	84,297	\$9,078.08		49	86,356	\$8,635.64	\$0 1000
interdepartmental (Out - No Dmd)	ED10	1	134	\$13 23			. T.	\$0.00		1	0	\$0 00		1		\$0.00	\$0 0000
Interdepartmental (In - w/Dmd)	ED2	20		\$24,655 57				\$24,326.91		20	288,656	\$30 375 79		20		\$28,861.53	
Generators (JV2 Power Cost Only) Generators (JV5 Power Cost Only)	GJV2 GJV5	. 1	99.442 13.721	\$2,810 23 \$387 76				\$680.47 \$538.45			15,010 10,228	\$562.57 \$383.35		1	12,428 9,101	\$283.36 \$207.50	
Total Interdepartmental		72	470,555	\$37,944.62	\$0 0806	72		\$34,835.82	\$0 0937	74	398,191	\$40,399.79	\$0.1015	72	402,803	\$37,988.03	\$0 0943
SUB-TOTAL CONSUMPTION & DEMAN	D	5,845	12,127,584	\$1,237,191.05	\$0 1020	+ '		\$1,229,600.9 ⁻	1	1 '	12,944,219	\$1,423,657.30	1	· ·		\$1,497,538.45	- ÷1
Street Lights (In) Street Lights (Out)	SLO SLOO	16	0	\$14.20 \$0.77			-	\$14 20 \$0 75			0 0	\$14.20 \$0.77				\$14.20 \$0 77	
Total Street Light Only		18	0	\$14.97		18	3 0	\$14.9	- 7 \$0 0000	18	0	\$14.97	-		1 0	\$14.97	-
TOTAL CONSUMPTION & DEMAND		5,864		\$1,237,206.02	\$0 1020	1 1		\$1,229,615.8		5,877	12,944,219	\$1,423,672.27		5,879	14,777,791	\$1,497,553.42	\$0 1013
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2013-03-MARCH

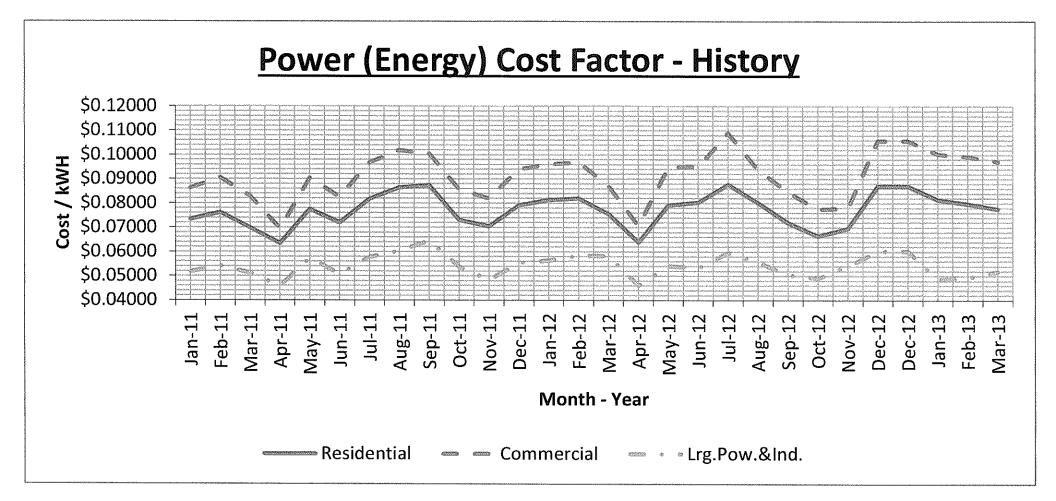
ELECTRIC							DILLING	DETERMINAN	10							DETERMINAN	113
BILLING DETERMINANT	<u>S for</u>																
MARCH, 2013	V 1041 5											•			· ·		•
2013 - MARCH BILLING WITH FEBRUAR	т 2013 E	Sep-12	·· •		1	Oct-12			1	Nov-12	and a		.	Dec-12	• •		
Class and/or Schedule	Rate Code	# of	Sep-12 (kWh Usage)	Sep-12 Billed	Cost / kWH For Month	# of Bills	Oct-12 (kWh Usage)	Oct-12 Billed	Cost / kWH For Month	# of Bills	Nov-12 (kWh Usage)	Nov-12 Billed	Cost / kWH For Month	# of <u>Bills</u>	Dec-12 (kWh Usage)	Dec-12 Billed	Cost / kWH For Month
· · · · · · · · · · · · · · · · · · ·																	
Residential (Dom-In) Residential (Dom-In - All Electric)	E1 E2	3,344 619	3,620,747 563,097	\$358,312 27 \$56,318 53	\$0 0990 \$0 1000	3,345 615	2,734,209 457,148	\$260 427 08 \$43,877 60	\$0 0952 \$0 0960	3 340 616	1,712,390 326,201	\$175,969 61 \$33,400 85				\$233,374 50 \$55,336.67	
otal Residential (Domestic)		3,963	4,183,844	\$414,630.80	\$0 0991	3,960	3,191,357	\$304,304.68	\$0 0954	3,956	2,038,591	\$209,370.46	\$0.1027	3,978	2,441,453	\$288,711.17	\$0 1183
Residential (Rural-Out)	ER1	742	937,481	\$99,400 69	\$0.1060	739	764,117	\$78,154 40	\$0.1023	740	535,533	\$58,690 66		738		\$85,202.59	
Residential (Rural-Out - All Electric) Residential (Rural-Out w/Dmd)	ER2 ER3	392 15	530,605 15,755	\$55,985,23 \$1,694,49	\$0 1055 \$0 1076	391 15	425,422 14,186	\$43,300 05 \$1,462 41	\$0 1018 \$0 1031	390 15	333,451 16,892	\$35.806.28 \$1,765.68		390 15		\$53,949 94 \$10,166 91	
Residential (Rural-Out - All Electric w/Dm-	ER4	10	15,314	\$1,601 77	\$0.1046	10	12,246	\$1,233 89	\$0 1008	10	15,361	\$1,568.48	3	10		\$2,848 41	4
Total Residential (Rural)		1,159	1,499,155	\$158,682.18	\$0.1058	1,155	1,215,971	\$124,150.75	\$0 1021	1,155	901,237	\$97,831.10	\$0.1086	1,153	4	\$152,167.85	\$0 1224
Commercial (1 Ph-In - No Dmd)	EC2	76	41,162	\$5,325 38	\$0 1294	74	40,749	\$4,964 05	\$0 1218	73	31,337	\$4,028 13				\$5,454 44	4
Commercial (1 Ph-Out - No Drnd)	EC2O	40	11,042	\$1,665.61	\$0 1508	40	11,306	\$1,612 70	\$0 1426	40 __	10,055	\$1,493 07		l		\$2,531 11	
Total Commercial (1 Ph) No Dmd		116	52,204	\$6,990.99	\$0.1339	114	52,055	\$6,576.75	\$0 1263	113	41,392	\$5,521.20	\$0 1334	. 111	51,821	\$7,985.55	\$0 1541
Commercial (1 Ph-In - w/Demand) Commercial (1 Ph-Out - w/Demand)	EC1 EC10	267 26	475,727 38,978	\$56,333 24 \$4,664 29	\$0 1184 \$0 1197	265 26	408,645 34,073	\$46,613 93 \$3.988 01	\$0.1141 \$0.1170	263 26	314,268 29,657	\$38,600 36 \$3,658.55		. 263 26		\$44,055 55 \$4,457 13	
Total Commercial (1 Ph) w/Demand		293	514,705	\$60,997.53	\$0 1185	291	442,718	\$50,601.94	\$0 1143	289	343,925	\$42,258.91				\$48,512.68	
Commercial (3 Ph-In - No Dmd)	EC4	0	0	\$0.00		0		\$0.00	\$0 0000	0	0	\$0.00			*	\$0,00	\$0.0000
Commercial (3 Ph-Out - No Dmd)	EC4O	2	0	\$36.00		2	0	\$36.00	\$0 0000	2	0	\$36 00		1	· ······	\$410.70	\$0 1407
Total Commercial (3 Ph) No Dmd		2		\$36.00	\$0.0000	2	0	\$36.00	\$0.0000	2	0	\$36.00	\$0 0000	2	2,920	\$410.70	\$0.1407
Commercial (3 Ph-In - w/Demand)	EC3	201	1,887,290	\$198,665.03		199	1 944 847	\$192,197.43		201	1,649,795	\$166,153 20		202		\$186,473.94	
Commercial (3 Ph-Out - w/Demand) Commercial (3 Ph-Out - w/Dmd.&Sub-St	EC3O E3SO	33	255,153 118,160	\$27,952 89 \$11,863 58		33 2	246,609 128,440	\$25,302 69 \$11,814 46		32 2	320,986 132,080	\$33,186,01				\$56,885.58	
Commercial (3 Ph-In - w/Demand, No Ta)	EC3T	<u>1</u>	5,800	\$595 53		1	5,440	\$522.80		1	4,040	\$12,068 67 \$415 97			2 125,840 1,680	\$14,959 29 \$243 69	
Total Commercial (3 Ph) w/Demand		237	2,266,403	\$239,077.03	\$0 1055	235	2,325,336	\$229,837,38	\$0 0988	236	2,106,901	\$211,823.85	\$0 1005	236	2,028,840	\$258,562.50	\$0 1274
Large Power (In - w/Dmd & Rct)	EL1	26	3,773,782	\$313,758 19		26	3,858,546	\$305,788 43		26	3,585,563	\$295,809.50				\$259,171.51	
Large Power (in - w/Dmd & Rct, w/SbCr) Large Power (Out - w/Dmd & Rct)	EL2 EL10	2	52,440 105,660	\$5,548.11 \$10,558.18		2	67,080 84,960	\$8,021 35 \$8,129 96		2	73,560 57,780	\$8,298.94 \$6,358.18			2 76.560 64,260	\$11,468 48 \$8,346 49	
Large Power (Out - w/Dmd & Rct, w/SbCi	EL2O	2	439,440	\$39,608,16		2	395,760	\$33,918 49		2	342,720	\$31,080 96				\$40,465 13	
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	74,741	\$11,826.64	\$0 1582	2	72,978	\$11,884,43	\$0 1628	2	56,780	\$6,162.01	\$0 1085	2	2 38,400	\$4,273 20	
Total Large Power		33	4,446,063	\$381,299.28	\$0 0858	33	4,479,324	\$367,742.66	\$0 0821	33	4,116,403	\$347,709,59	4	31	4 1.1 1.1 1.1 1.1 1.1	\$323,724.81	\$0 1070
Industrial (In - w/Dmd & Rot, w/SbCr)	EI1	1	1 192,679	\$86,391 37		1	1,147,180	\$80 891 19		1	1,100,838	\$80.039.40			the first of the second se	\$182,854.76	
Industrial (in - w/Dmd & Rct, No/SbCr)	EI2		759,665	\$60,062.45			*************	\$56,299.68	1		412,665	\$37,114 15	\$0 0899 -		802,864	\$72,710 19	9 \$0.0906
Total Industrial		: . ²	1,952,344	\$146,453.82	\$0.0750	2	1,869,366	\$137,190.87	\$0 0734	2	1,513,503	\$117,153.55	\$0 0774		2,877,924	\$255,564.95	\$0 0888
Interdepartmental (In - No Dmd) Interdepartmental (Out - No Dmd)	ED1 ED10	49	85,438	\$7,866 84 \$0 00		49	A COMPANY OF A COMPANY OF A COMPANY	\$7 372 78 \$0 00		. 49 1	89,813 0	\$8.046 07 \$0 00				\$12,512.08	
Interdepartmental (In - w/Dmd)	ED2	20	287,407	\$25,788 31		20	· · · · · · · · · · · · · · · · · · ·	\$21 542 71		20	197,249	\$17.159.98		20		\$3.09 \$28,493.96	
Generators (JV2 Power Cost Only) Generators (JV5 Power Cost Only)	GJV2	1	15,054	\$459 90		2		\$445.05	A second s	2	21,389	\$451.10		1	2 24,071	\$507.90	\$0.021
	GJV5	· · · · · ·	10.163	\$310 48		1	12,583	\$269 78		1	13,812	\$291.30	50 02 <u>1</u> 1		15,853	\$334 50	\$0.021
Total Interdepartmental		72	398,062	\$34,425.53	\$0 0865	73	374,623	\$29,630.32	\$0 0791	73	322,263	\$25,948.45	\$0 0805	7:	430,746	\$41,851.53	\$0 0972
SUB-TOTAL CONSUMPTION & DEMAN	D	5,877	15,312,780	\$1,442,593.16	A CONTRACTOR OF	5,865		\$1,250,071.38	4	5,859	11,384,215	\$1,057,653.11	- 1 \$0.0929	5,870	· · · ·	\$1,377,491.74	\$0.1108
a is a a					1	1							-	1			5 .
Street Lights (In) Street Lights (Out)	SLO SLOO	16 . 2	0	\$14 20 \$0 77		16		\$14 20 \$0 77		4	0	\$14 20 -\$1 15			5 0 2 0	\$14 20 \$1 92	
Total Street Light Only		18	0	\$14.97		18	0	\$14.97			0	\$13.05	-		· · · · · · · · · · · · · · · · · · ·	\$16.12	-j
TOTAL CONCUMPTION & DEMANT							· · · · · · · · · · · · · · · · · · ·		2				-			*****	
TOTAL CONSUMPTION & DEMAND		5,895	15,312,780	51,442,608.1 3			13,950,750	\$1,250,086.32	A		11,384,215	\$1,057,666.16		1 .		\$1,377,507.86	
2013-03-MARCH													= .		**********		z /

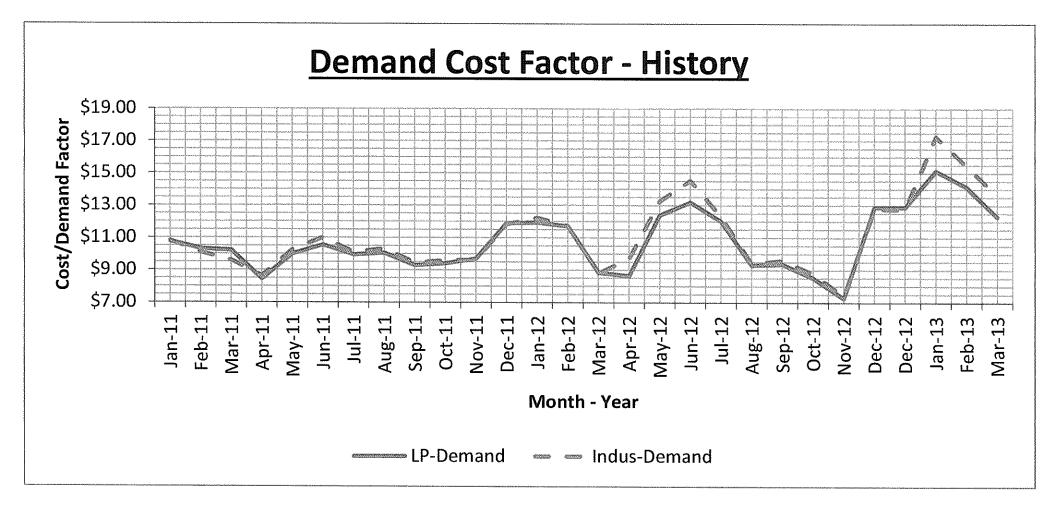
BILLING DETERMINANTS

ELECTRIC

DETERMINANTS

					BILLIN	IG DETER	MINANTS						DETER
BILLING DETERMINANT	S for												
MARCH, 2013													
2013 - MARCH BILLING WITH FEBRUAR	Y 2013 L					· ·			-				
		Jan-13				Feb-13			_	Average	TOTAL	TOTAL	Avg.Cost
Class and/or	Rate	# of	Jan-13	Jan-13	Cost / kWH	# of	Feb-13	Feb-13	Cost / kWH	# of	KWH USEAGE	BILLING	PerkWH
Schedule	Code	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month	Bills	PRIOR 12 MO	PRIOR 12 MO	For Period
Residential (Dom-In)	Eİ	3,346	2,133,099	\$239 663 29	\$0.1124	3.345	2,364,247	\$259.452.84	\$0 1097	3,343	28,109,931	\$2,999,982 16	\$0 1067
Residential (Dom-In - All Electric)	E2	613	566,345	\$61,973.79		610	715,541	\$76 089 63	\$0 1097	5,543	6,262,951	\$659,368.65	\$0.1053
residenter (sent in surficerie)					40 100 4			3.0 005 05	40 1000		0,202,001	4000,000.00	20.1000
Total Residential (Domestic)		3,959	2,699,444	\$301,637.08	\$0 1117	3,955	3,079,788	\$335,542.47	\$0 1089	3,960	34,372,882	\$3,659,350.81	\$0.1065
Residential (Rural-Out)	ER1	737	750,656	\$88,165.09		737	890,190	\$101,656.64	\$0 1142	737	9,001,505	\$1,015,874 41	\$0 1129
Residential (Rural-Out - All Electric)	ER2	389	492,368	\$56,884.99		389	608,114	\$68.290 80	\$0 1123	390	5,672,703	\$631,254 86	\$0.1113
Residential (Rural-Out w/Dmd)	ER3	15	112 961	\$12.250 97		15	19,557	\$2.220 41	\$0 1135	15	384,568	\$42,304.86	
Residential (Rural-Out - All Electric w/Dm	ER4	10	15,440	\$1,760 32	\$0 1140	10	11,785	\$1 348 57	\$0.1144	10	164,889	\$18,259.31	\$0 1107
Total Residential (Rural)	ł	1,151	1,371,425	\$159,061.37	\$0 1160	1,151	1,529,646	\$173,516.42	\$0 1134	1,152		\$1,707,693.44	\$0.1122
· · · · · · · · · · · · · · · · · · ·	:					1999 - Carl		• • • • • • • • • • • • • • • • • • • •					
Commercial (1 Ph-In - No Dmd)	EC2	72	41,306	\$5,937.20	\$0 1437	76	45,976	\$6,511.14	\$0.1416	72	457,861	\$62,788.10	\$0 1371
Commercial (1 Ph-Out - No Dmd)	EC2O	40	11,373	\$1,878 72	\$0 1652	40	13,986	\$2,185.06	\$0 1562	40	147,484	\$22,618.42	\$0 1534
	· · - ·			*****************									
Total Commercial (1 Ph) No Dmd		112	52,679	\$7,815.92	\$0 1484	116	59,962	\$8,696.20	\$0 1450	112	605,345	\$85,406.52	\$0.1411
Commorcial (1 Dh In/Damaad)	EC1	200	707 475	¢ 43 367 37	\$0.4.400	005		545 040 4C	en 4000		4 40 4 00 F	6540 706	
Commercial (1 Ph-In - w/Demand) Commercial (1 Ph-Out - w/Demand)	EC1 EC10	264 26	307,175 33,681	\$43,257 37 \$4,729 38			335,728 37,944	\$45,919 15 \$5,136 07	\$0 1368 \$0 1354	265		\$543,795 14	
commerciar (TPH-Out - wibemanu)	ECIO		33,001	04,729 30	30 1404	26	37,944	ab, 130 07		26	428,023	\$55,351.80	\$0 1293
Total Commercial (1 Ph) w/Demand		290	340,856	\$47,986.75	\$0 1408	291	373,672	\$51,055.22	\$0.1366	291	4,612,108	\$599,146.94	\$0.1299
			· · · · · · · · · · · · · · · · · · ·		-				-		•		
Commercial (3 Ph-In - No Dmd)	EC4	0	0	\$0.00			0	\$0.00		0	82	\$44 22	
Commercial (3 Ph-Out - No Dmd)	EC40	2	13,000	\$1,629.07	\$0 1253	1	3,680	\$483 82	\$0 1315	2	24,640	\$3,398.67	\$0.1379
Total Commercial (2 Ph) No David		2	42.000	E4 C20 07	0 1050		0.000					** 448.00	
Total Commercial (3 Ph) No Dmd		4	13,000	\$1,629.07	\$0 1253	2	3,680	\$483.82	\$0 1315	2	24,722	\$3,442.89	\$0 1393
Commercial (3 Ph-In - w/Demand)	EC3	203	1,441,090	\$177,112 82	\$0 1229	201	1,415,555	\$171,941.74	\$0.1215	200	18,651,154	\$2,107,919.30	\$0 1130
Commercial (3 Ph-Out - w/Demand)	EC30	31	316,485	\$39,299 72			258,267	\$32,631,27		32		\$365,499.11	
Commercial (3 Ph-Out - w/Dmd &Sub-St -	E3SO	2	112,640	\$12,946 77			99,960	\$11,629,87	3. A. K. M.		•	\$152,634.93	
Commercial (3 Ph-In - w/Demand, No Ta>		1	1,720	\$217.00			1,680	\$209 25			***	\$3,639.36	
		1									,		
Total Commercial (3 Ph) w/Demand		237	1,871,935	\$229,576.31	\$0.1226	236	1,775,462	\$216,412.13	\$0 1219	235	23,260,596	\$2,629,692.70	\$0.1131
and the second second second second second second second second second second second second second second second	_								-				
Large Power (in - w/Dmd & Rct)	EL1	24	2,336,414	\$234,867.97			2.130,951	\$217,738.62				\$3,561,523 81	
Large Power (in - w/Drnd & Rct, w/SbCr) Large Power (Out - w/Drnd & Rct)	EL2 EL10		116,280 67,860	\$15,769.19 \$8,145.59			112,800 73,980	\$16,271,65 \$8,268,95			,	\$92,844.39	
Large Power (Out - w/Dmd & Rct, w/SbCr		· · · · · · · · · · ·	321,120	\$34,182.86		1	247,200	\$29,689 86		2	907,740 4,530,720	\$101,278.96 \$443,761.12	
Large Power (in - w/Dmd & Rct, w/SbCr)	EL3	. 2		\$4,564.35			76,411	\$12,654 57	2 C C C C C C C C C C C C C C C C C C C			\$105,552.43	
ander and (in monte a rate monor)	220	·		<i><i>(</i></i>)		· · · · · · · · ·		\$12.004 OF	1	· · · · · · · · · · · · · · · · · · ·			40.1401
Total Large Power		31	2,889,684	\$297,529.96	\$0 1030	ງ 31	2,641,342	\$284,623.65	\$0 1078	31	46,206,155	\$4,304,960.71	\$0.0932
						E D							
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	2	2,000,088	\$167,772.33			1.929,342	\$159 002 64		1	16,808,295	\$1,338,638.69	\$0 0796
Industrial (In - w/Dmd & Rct, No/SbCr)	El2	1	675,253	\$65,680.44	\$0 097:	3 1	622,773	\$57 971 33	\$0 0931	1	9,312,370	\$796,787.03	\$0 0856
Total Industrial		3	2 676 344			3 3			1				
Total Ricusular			2,675,341	\$233,452.73	\$0 087:	ין אריין	2,552,115	\$216,973.97	\$0 0850	2	26,120,665	\$2,135,425.72	\$0.0818
Interdepartmental (In - No Dmd)	ED1	49	142,015	\$14,340.0	\$0 1010	48	158,448	\$15 737 81	\$0 0993	49	1,326,495	\$128,384.04	\$0 0968
Interdepartmental (Out - No Dmd)	ED10	. 1	•	\$0.00			0	\$0.00				\$16.32	
Interdepartmental (in - w/Dmd)	ED2	20	298,536	\$29.457 66			339,370	\$32 854 6			*	\$324,649.06	
Generators (JV2 Power Cost Only)	GJV2	1	18,361	\$871.96			21,029	\$1 176 57			· · · · · · · · · · · · · · · · · · ·	\$9,943 63	
Generators (JV5 Power Cost Only)	GJV5	1	15,652	\$743.3	1 \$0.047	5] 1	18,257	\$1.021.48			164,895	\$5,690 30	
				· · · · · · · · · · · ·					-				
Total Interdepartmental		72	474,564	\$45,412.9	7 \$0 095	7 71	537,104	\$50,790.47	\$0 0946	72	5,238,475	\$468,683.35	\$0.0895
		:	• • •						1				τ.
SUB-TOTAL CONSUMPTION & DEMAN	iD.	5,857	12,388,928	\$1,324,102.2	50 106	9 5,856	12,552,771	\$1,338,094.3	\$0 1066	5,857	· •	\$15,593,803.08	1
			ETENDESCONSTR			+ ·		=======================================	,	1	==========	313,353,803.00	
			· ·		;				1	İ			1
Street Lights (In)	SLO	ໍ <u>16</u>		\$14.2	ວ່ \$0 000	0 16	0	514 20	so ooo	16	5 O	\$170.40	\$0 0000
Street Lights (Out)	SLOO	. 2	0	\$0.7	7 \$0 000	0 2	0	\$0.7	7 \$0 0000) 2	2 0	\$8 47	1
Total Streat Light Colu				·····					,		4		4
Total Street Light Only		. 18	0	\$14.9	7 \$0 000	0 18	. 0 _.	\$14.9	\$0 0000	18	្រុំ	\$178.87	\$0 0000
					•	ł							: /
TOTAL CONSUMPTION & DEMAND		5,875	12,388,928	\$1,324,117.1		9 5,874	12,552,771	\$1,338,109.3	-	5,875	155,664,613	\$15,593,981.95	
1		-	.===========				.================	=======================================		2,010 2,010		315,050,901.90	
									-				-





RATE REVIEW COMPARISONS

2013 MARCH - BILLING DETERMINATES - RATE COMPARISONS TO PRIOR PERIODS

Rate Comparisons to Prior Month and Prior Year for Same Period

Customer Type	Service <u>Usage</u>	Service <u>Units</u>	<i>Current</i> March 2013 Rate	Prior Month February 2013 Rate	<i>Prior Year</i> March <u>2012 Rate</u>	Service <u>Usage</u>	Service <u>Units</u>	<i>Current</i> March <u>2013 Rate</u>	Prior Month February 2013 Rate	<i>Prior</i> Year March <u>2012 Rate</u>
<u>Customer Type -></u>		RESIDI	ENTIAL USEF	R - (w/Gas Hea	<u>nt)</u>		RESID	ENTIAL USE	R - (All Electri	<u>ic)</u>
Electric Customer Charge Distribution		· · ·	\$6.00 \$16.53	\$6.00 \$16.53	\$6.00 \$16.53			\$6.00 \$33.39	\$6.00 \$33.39	\$6.00 \$33.39
Demand				and the second second second second second second second second second second second second second second second						
Generation	978	kWh	\$75.86	\$77.96	\$73.80	1,976	kWh	\$153.28	\$157.51	\$149.11
kWH Tax- Level 1			\$4.55	\$4.55	\$4.55			\$9.19	\$9.19	\$9.19
kWH Tax- Level 2 kWH Tax- Level 3	<i>e</i>	•							1.1.1. app11.1.	
KWIT TAX- Level 5				· .				· .		
Total Electric			\$102.94	\$105.04	\$100.88			\$201.86	\$206.09	\$197.69
Water	6	CCF	\$39.57	\$39.57	\$37.71	11	CCF	\$63.07	\$63.07	\$59.75
Sewer	6	CCF	\$54.58	\$54.58	\$54.58	11	CCF	\$76.78	\$76.78	\$76.78
Storm Water (Rate/ERU)		· · · ·	\$9.50	\$9.50	\$9.50		÷ · ··· · ·	\$9.50	\$9.50	\$9.50
Refuse (Rate/Service)		· · · · ·	\$18.00	\$18.00	\$18.00			\$18.00	\$18.00	\$18.00
Sub-Other Services	• •	· · · ·	\$121.65	\$121.65	\$119.79		· • • • • • • • • • • • • • • • • • • •	\$167.35	\$167.35	\$164.03
Total Billing - All Services		· · ·	\$224.59	\$226.69	\$220.67		· · ·	\$369.21	\$373.44	\$361.72
Verification Totals->			\$224.59	\$226.69	\$220.67	· ·		\$369.21	\$373.44	\$361.72
			· · · · · · · · · · · ·	Cr.Mo to Pr.Mo	<u>Cr.Yr to Pr.Yr</u>				Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr
Dollar Chg.to Prior Periods		•	· · · · · · · · · · · ·	-\$2.10	\$3.92				-\$4.23	\$7.49
% Inc/Dec(-) to Prior Periods				-0.93%	1.78%			• • • • • • •	-1.13%	2.07%
				======::;			. = = = = = :	· . ;		
Cost/kWH - Electric	978	kWh	\$0.10526	\$0.10740	\$0.10315	1,976	kWh	\$0.10216	\$0.10430	\$0.10005
% Inc/Dec(-) to Prior Periods				-1.99%	2.05%				-2.05%	2.11%
Cost/CCF - Water	6	CCF	\$6.59500	\$6.59500	\$6.28500	2	CCF	\$31.53500	\$31,53500	\$29.87500
Cost/GALLONS - Water	4,488	GAL	\$0.00882	\$0.00882	\$0.00840	1,496	GAL	\$0.04216	\$0.04216	\$0.03994
% Inc/Dec(-) to Prior Periods		· · · ·		0.00%	4.93%		• 	,	0.00%	5.56%
Cost/CCF - Sewer	6	CCF	\$9.09667	\$9.09667	\$9.09667	2	CCF	\$38.39000	\$38.39000	\$38.39000
Cost/GALLON - Sewer	4,488	GAL	\$0.01216	\$0.01216	\$0.01216	1,496	GAL	\$0.05132	\$0.05132	\$0.05132
% Inc/Dec(-) to Prior Periods	· · · · · · · · · · · · · · · · · · ·		· ·	0.00%	0.00%		· · · · ·		0.00%	0.00%
(Listed Accounts Assume SAM	E USAGE I	for kWH an	d Water (CCE) fo	or All Rilling Perio	40)				• 2	
One "1" Unit of Water CCF "Hu				r An Dinnig Fenor	101					

RATE REVIEW COMPARISONS

2013 MARCH - BILLING I										
Rate Comparisons to Prior Me				··· :			• • • •		•	e e e e e e e
			Current	Prior Month	Prior Year			Current	Prior Month	Prior Year
	Service	Service	March	February	March		Service	March	February	March
Customer Type	<u>Usage</u>	<u>Units</u>	2013 Rate	2013 Rate	2012 Rate	<u>Usaqe</u>	<u>Units</u>	2013 Rate	2013 Rate	2012 Rate
	~			(A O)						
<u>Customer Type -></u>	<u>cc</u>	JMMERC		(3 Phase w/De			IDUSTRIA		<u> 8 Phase w/Der</u>	
Electric Customer Charge			\$18.00	\$18.00	\$18.00			\$100.00	\$100.00	\$100.00
Distribution	00.04		\$92.86	\$92.86	\$92.86	98,748	Reactive	\$7,279.05	\$7,279.05	\$7,279.05
Demand	20.31	kW/Dmd				1510.1	kW/Dmd	\$16,219.62	\$19,977.82	\$11,657.03
Generation	7,040	kWh	\$683.30	\$698.02	\$612.20	866,108	kWh	\$42,687.02	\$39,971.77	\$47,928.27
kWH Tax- Level 1			\$9.66	\$9.66	\$9.66			\$9.66	\$9.66	\$9.66
kWH Tax- Level 2			\$20.80	\$20.80	\$20.80			\$56.24	\$56.24	\$56.24
kWH Tax- Level 3				÷				\$3,087.71	\$3,087.71	\$3,087.71
Total Electric		· · · ·	\$824.62	\$839.34	\$753.52		 	\$69,439.30	\$70,482.25	\$70,117.96
		ń.,	-				· · · · · · · · · · · · · · · · · · ·			
Water	25	CCF	\$126.07	\$126.07	\$119.67	300	CCF	\$1,420.51	\$1,420.51	\$1,344.61
Sewer	25	CCF	\$138.94	\$138.94	\$138.94	300	CCF	\$1,359.94	\$1,359.94	\$1,359.94
Storm Water (Rate/ERU)			\$9.50	\$9.50	\$9.50			\$330.00	\$330.00	\$330.00
Refuse (Rate/Service)		en en en en	\$5.00	\$5.00	\$5.00			\$5.00	\$5.00	\$5.00
Sub-Other Services			\$279.51	\$279.51	\$273.11		······································	\$3,115.45	\$3,115.45	\$3,039.55
Total Billing - All Services			\$1,104.13	\$1,118.85	\$1,026.63		• •	\$72,554.75	\$73,597.70	\$73,157.51
Verification Totals->		(* - *	\$1,104.13	\$1,118.85	\$1,026.63		4 jaar 19 af 19	\$72,554.75	\$73,597.70	\$73,157.51
			···· -	<u>Cr.Mo to Pr.Mo</u>	Cr.Yr to Pr.Yr				Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr
Dollar Chg.to Prior Periods				-\$14.72	\$77.50	I			-\$1,042.95	-\$602.76
% Inc/Dec(-) to Prior Periods		•		-1.32%	7.55%		l e e e e e e e e e e e e e e e e e e e		-1.42%	-0.82%
	=====		=======		=======:	 =======		======`		=======
Cost/kWH - Electric	7,040	kWh	\$0.11713	\$0.11922	\$0.10703	866,108	kWh	\$0.08017	\$0.08138	\$0.0000C
% Inc/Dec(-) to Prior Periods	7,040	TA WII	ψυ. Π/ ΤΟ	-1.75%	9.44%	000,100	KVVII	φυ.υου I /	-1.49%	\$0.08096 -0.98%
	~			004 0440	010 0 (50)		n a a a su			
Cost/CCF - Water	6	CCF	\$21.01167	\$21.01167	\$19.94500	250	CCF	\$5.68204	\$5.68204	\$5.37844
Cost/GALLONS - Water	4,488	GAL	\$0.02809	\$0.02809	\$0.02666	187,000	GAL	\$0.00760 _.	\$0.00760	\$0.00719
% Inc/Dec(-) to Prior Periods			· · · · ·	0.00%	5.35%	1	e .	:	0.00%	5.64%
Cost/CCF - Sewer	6	CCF	\$23.15667	\$23.15667	\$23.15667	250	CCF	\$5.43976	\$5.43976	\$5.43976
Cost/GALLON - Sewer	4,488	GAL	\$0.03096	\$0.03096	\$0.03096	187,000	GAL	\$0.00727	\$0.00727	\$0.00727
% Inc/Dec(-) to Prior Periods			•	0.00%	0.00%	, -			0.00%	0.00%
Listed Accounts Assume SAM		*								
(One "1" Unit of Water CCF "Hu							•			

Electric Department Report February 2013

There were 9 outages/callouts during the month of February. Two outages were due to the customer's main breaker being tripped and our personnel showed them how to reset their breakers. One was a callout for low wires that were cable drops, not electric lines. One was a limb across wires in icy, windy conditions that cleared itself before personnel arrived at address. One callout was to check a pole hit in a car accident. Two were callouts for underground locates for water main breaks. One was a callout for an accident involving a semi truck that hit 1500 KVA padmount transformer. One outage was due to an animal getting into the primary wires.

Line Department / Service Truck

The line crews worked on an underground line extension in Twin Oaks Subdivision. Crews worked on line sag and anchor replacement on Independence due to excessive Phone cable weight on pole line. Crews cleared brush growing into wires and roadway along river side of East Riverview across from Anthony Wayne subdivision. Crews trimmed in alley off Norten between Park and Strong. Personnel straightened poles on East Riverview and Sheffield South of Welsted. Crews changed out epoxilators on 69KV transmission lines at Southside Substation and on Glenwood Ave. by P.D. A line crew relocated primary transformer at 968 E. Riverview and replaced breaker box at Glenwood pump station for wastewater. Crews have also been setting poles and reworking lines to accommodate new feeders to be installed at Glenwood Substation. Crews also replaced a pole on road S between 12 and 13 hit by car. The service truck completed Work Orders and installed new lighting in Service Building at time allowed.

Substation Department:

Todd Wachtman and Nikk Hogrefe performed general substation maintenance and testing components. They also worked on hauling material to Glenwood Substation for 2 feeders being replaced this spring. Todd and Nikk are also updating all electrical substation prints.

Forestry Department:

Jamie Howe and Thomas Miller are continuing to clear lines on Road 12 north of Napoleon. They also trimmed trees on Park Street, Glenwood across from Substation and on Woodlawn at bridge East of Glenwood. Jamie and Todd also performed flagging duties for line crews.

Storeroom/Inventory/ Metering Department:

Shawn Druhot has been reading meters along with purchasing, unloading and cleaning inventory. Shawn also takes care of the bulb recycling and walk-in customers needing meter sockets and other assistance.

The Peak Load for February, 2013 was 24.64MW occurring on the 19th at 8:00 P.M. This was an increase of 1.03 MW from February of 2012. The average load for February, 2013 was 19.57MW. This value was a decrease of 0.04 MW from February 2012. The Turbines did not run in February. The JV-2 and JV-5 ran on February 19th and produced 5.4 MW each. In February 2013 the Amp Solar Field showed a peak of 3.73 MW. and the Output was 264,491.63 KWH.

City of Napoleon, Ohio



SUMMARY OF FEBRUARY 2013 OUTAGE/STANDBY CALL-OUTS

February 1, 2013:

Electric personnel were dispatched at 6:15 p.m. to 272 Grenwich Dr. due to a power outage. The outage lasted forty five minutes and affected one customer. The outage was due to the customer's wire being loose at the main breaker. The employees pulled the meter and tightened the set screw.

February 2, 2013:

Electric personnel were dispatched at 8:20 a.m. to the corner of Appian Ave. & Maumee Ave. for low hanging wires. The wires were cable drops.

February 5, 2013:

Electric personnel were dispatched at 6:00 p.m. to 7663 County Road W due to a tree hanging on the power lines. The tree limbs were cleared before the employees got there.

February 7, 2013:

Electric personnel were dispatched at 5:10 p.m. to County Road R & Oakwood Ave. due to a car that hit a pole. There was no damage to the pole.

February 9, 2013:

Electric personnel were dispatched at 6:00 p.m. to Orwig Ave. for an emergency locate for the Water Department.

February 13, 2013:

Electric personnel were dispatched at 3:45 p.m. to 800 Independence Dr. by Jeff Rathge for an emergency locate for a main break.

February 15, 2013:

Electric personnel were dispatched at 5:15 p.m. to 734 E. Washington St. due to a power outage. The outage lasted forty five minutes and affected one customer. The outage was due to no voltage. The employees checked the voltage at the meter and the voltage was good. The customer checked the main breaker and it was off. The customer reset the main breaker.

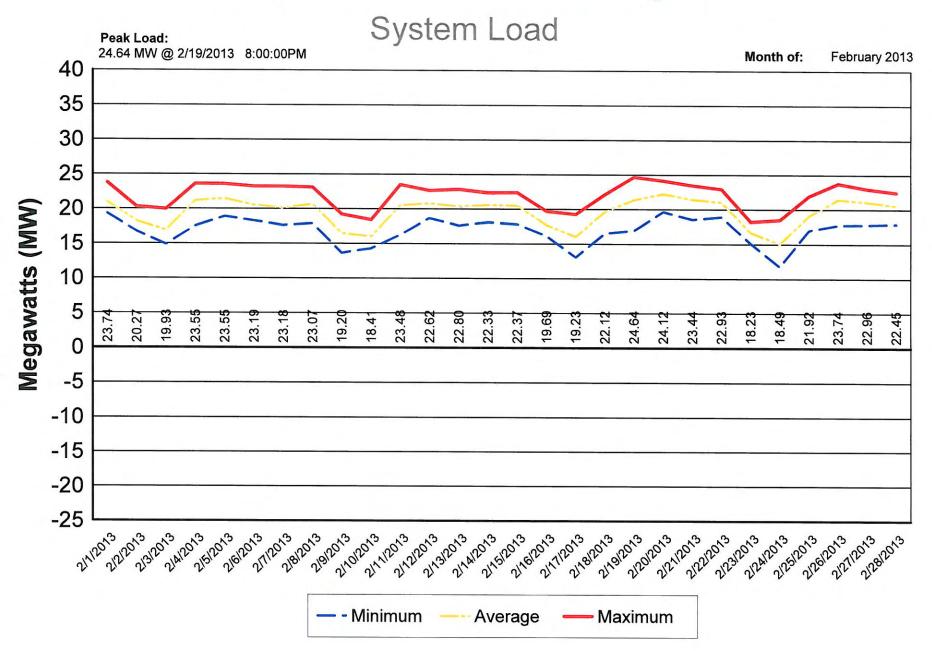
February 16, 2013:

Electric personnel were dispatched at 10:00 a.m. to 800 Independence Dr. due to a power outage. The outage lasted five hours and affected one customer due to a truck that smashed a pad mount. The employees replaced the 1500 kva pad mount with a 750 kva pad mount.

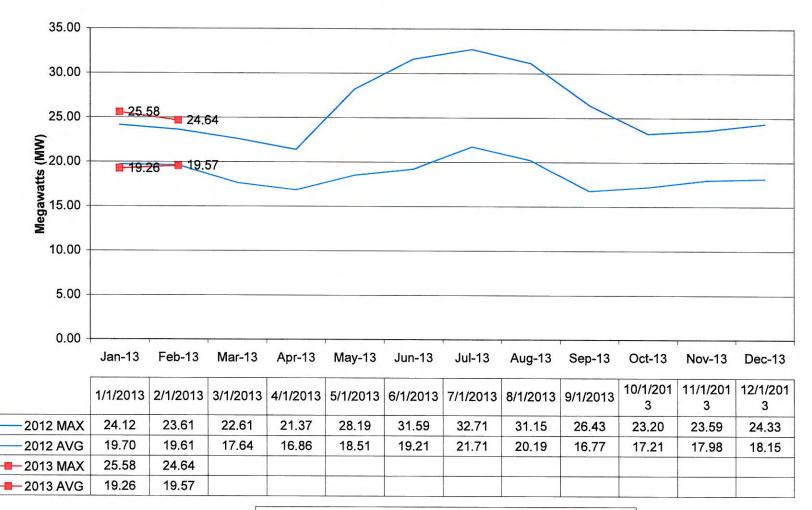
February 17, 2013:

Electric personnel were dispatched at 12:15 p.m. to 968 E. Riverview Ave. due to a power outage. The outage lasted one hour and affected one customer. The outage was due to an animal getting into power lines and blowing a fuse. The employees replaced the 6 amp fuse.

Napoleon Power & Light



NAPOLEON POWER & LIGHT



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

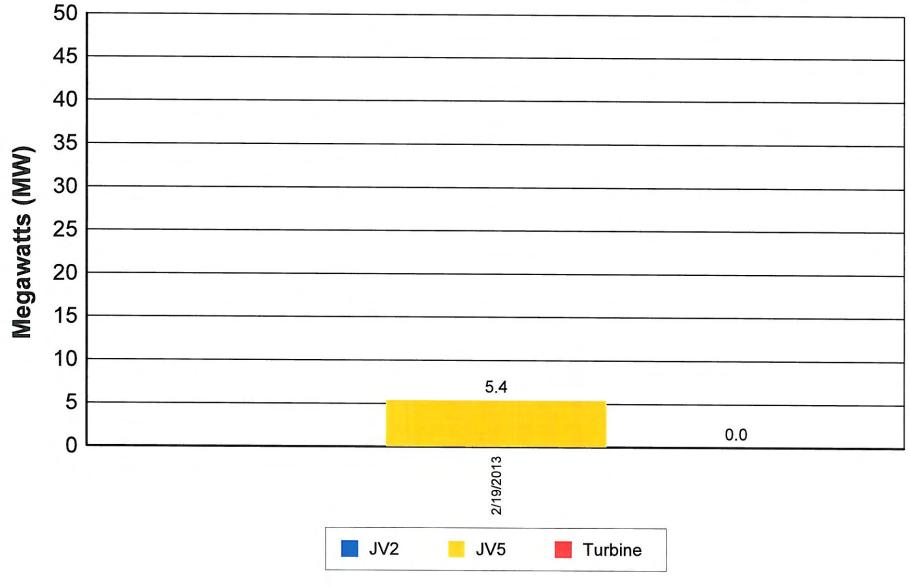
** 300-800 residential homes served / MW peak load

Napoleon Power & Light

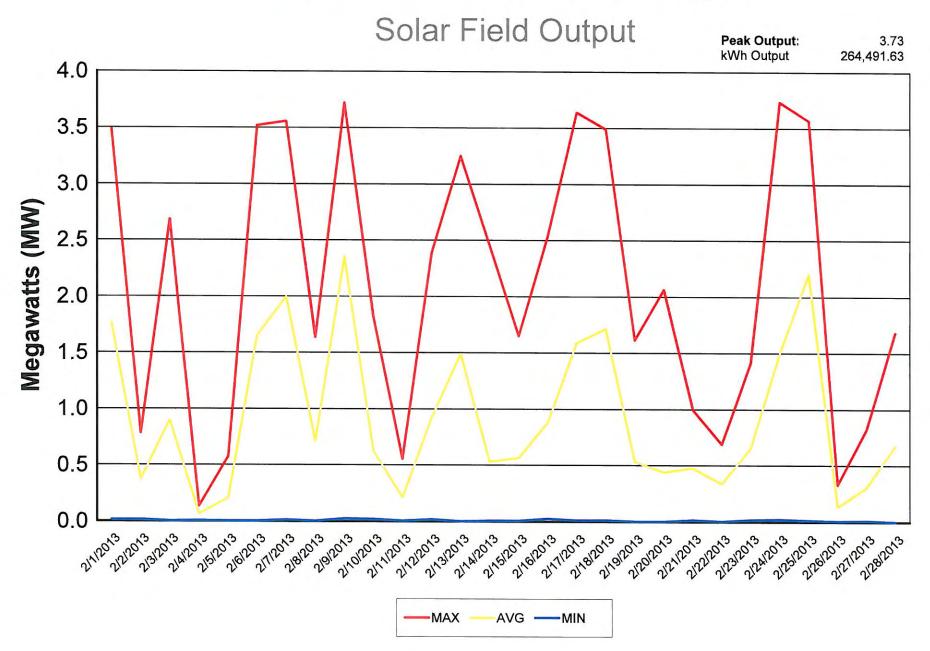
AMPO Generation

Starting: February 1, 2 Ending: March 1, 2

February 1, 2013 0:00 March 1, 2013 0:00



Napoleon Power & Light





Efficiency Smart Cumulative to Date Summary Report for City of Napoleon

Reporting Period: 1/1/2011 through 12/31/2012

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

Sector	Quantity	MWh Savings	Lifetime MWh Savings	Annual Customer Savings	Lifetime Customer Savings	Rebates/Incentives Paid Program to Date
Custom Incentives	600	943	11,571	\$85,127	\$1,014,180	\$25,350
Prescriptive Rebates	27	15	219	\$1,366	\$20,101	\$1,020
Residential	6,108	324	2,679	\$35,890	\$267,957	\$22,978
Total	6,735	1,282	14,469	\$122,382	\$1,302,238	\$49,348

Summary of Residential Installed Efficiency Measures

Measure Desc	MWh Savings	Annual Customer Savings	Rebates Paid Program to Date
Compact fluorescent screw-base bulb	176	\$18,383	\$8,912
Dehumidifier	0	\$22	\$25
Energy Star CEE Tier 1 refrigerator, incremental cost	4	\$416	\$1,250
Energy star refrigerator	2	\$245	\$950
Energy Star washer	16	\$3,289	\$2,950
Freezer early retirement program, secondary	26	\$2,962	\$2,074
Furnace fan motor	3	\$313	\$300
Refrigerator early retirement program, secondary	56	\$6,866	\$4,786
Specialty Bulb	41	\$3,394	\$1,731
Total	324	\$35,890	\$22,978

Summary of Commercial & Industrial Projects with Installed Efficiency Measures

Program Type	Company Name	Zip	Manager/ KAM	Measure Category Description	Measure Desc	MWh Savings	Annual Customer Savings	Incentives Paid Program to Date	Complete Month/Year
Custom Rebates	Advanced Drainage Systems	43545	Carl Andre	Light Bulb/Lamp	Compact fluorescent screw-base bulb	1	\$73	\$3	September 201
				Lighting Efficiency/Controls	Occupancy sensors	29	\$2,402	\$2,721	September 201
				Lighting Hardwired Fixture	Linear fluorescent T8, super	3	\$189	\$180	September 201
					Metal halide fixture pulse start	13	\$1,337	\$339	September 201
					New Super T8 High-Bay	120	\$7,740	\$968	September 201

Summary of Commercial & Industrial Projects with Installed Efficiency Measures

Program Type	Company Name	Zip	Manager/ KAM	Measure Category Description	Measure Desc	MWh Savings	Annual Customer Savings	Incentives Paid Program to Date	Complete Month/Year
Custom Rebates	Advanced Drainage Systems	43545	Carl Andre	Lighting Hardwired Fixture	Relamp/Reballast to Super T8	26	\$2,028	\$289	September 2011
	B & B Molded Products	43545	Justin	Compressed Air	Compressed air, compressor	97	\$8,682	\$4,000	May 2012
			Kale/Carl Andre	Industrial Process Efficiency	Injection Molding Machines	77	\$7,462	\$3,900	October 2011
	Keller Warehousing & Distribution, LLC	43545	Ryan Fry/Carl	Lighting Efficiency/Controls	Occupancy sensors	46	\$4,476	\$764	July 2012
			Andre	Lighting Hardwired Fixture	New T5 High-Bay	45	\$3,411	\$2,036	July 2012
	Snyder Chevrolet Company	43545	Justin Kale/Carl Andre	Lighting Hardwired Fixture	New T5 Vapor Proof	31	\$8,348	\$4,850	August 2011
	Tippman & Associates	43545	Justin Kale/Carl Andre	Motor Controls	Variable Frequency Drive, Industrial Process	403	\$38,980	\$5,300	January 2012
	Total					943	\$85,127	\$25,350	
Prescriptive Rebates	Edward Jones	43545	J.R. Chisolm	Lighting Hardwired Fixture	Linear fluorescent T8, super	2	\$125	\$180	April 2011
	German Mutual Insurance	43545	Sean Clement/	Air Conditioning Efficiency	Unitary air conditioning system	0	\$18	\$200	October 2012
			Sean Clement	Motor Controls	Variable frequency drive motor control	6	\$595	\$200	October 2012
	Super Wash, Inc.	61270	Carl Andre	Lighting Efficiency/Controls	Occupancy sensors	1	\$86	\$38	September 2011
				Lighting Hardwired Fixture	New T5 Vapor Proof	6	\$541	\$402	September 2011
	Total					15	\$1,366	\$1,020	
Total						958	\$86,492	\$26,370	

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

Company Name	Job-Project	Project Title	Status	Manager	Current Milestone	Est MWH	Est Incentive	Estimated Complete Date
Automatic Feed Company	5301-4679	Automatic Feed - Lighting - February 2013 - Mutliple Locations	ACTIVE	Justin Kale	Peer Review	0.0	\$0	6/30/2013
City of Napoleon	5201-4171	City of Napoleon - Lighting - Nov 2012 - City Building	ACTIVE	Ryan Fry	Rebate / Close Out	28.0	\$2,000	2/28/2013
Active Projects			2			28	\$2,000	

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

Company Name	Job-Project	Opportunity Title	Status	Manager	Current Milestone	Est MWH	Est Incentive	Estimated Complete Date
B & B Molded Products	5000-1243	B & B Molded Products- Lighting, April 2011, Napoleon	ACTIVE	Marvin Davis	Rebate Estimate Provided		\$4,300	
City of Napoleon	5000-4008	City of Napoleon - Lighting - Oct 2012 - Fire Station	ACTIVE	Marvin Davis	Rebate Estimate Provided	60.0	\$0	3/31/2013
City of Napoleon	5000-4010	City of Napoleon - Lighting - Oct 2012 - Wastewater Plant Lab	ACTIVE	Marvin Davis	Rebate Estimate Provided	4.0	\$0	3/31/2013
Cloverleaf Cold Storage	5000-1264	Cloverleaf Cold Storage-Motors/VFD April 2011, Napoleon	ACTIVE	Marvin Davis	Identify Opportunity	170.0		7/24/2013

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

Company Name	Job-Project	Opportunity Title	Status	Manager	Current Milestone	Est MWH	Est Incentive	Estimated Complete Date
Cloverleaf Cold Storage	5000-3693	Cloverleaf Cold Storage - Lighting - Sept 2012 - Org Bldg	ACTIVE	Marvin Davis	Request Rebate Estimate	103.0		
Isofoton	5000-3462	Isofoton - Compressed Air - July 2012	ACTIVE	Marvin Davis	Opportunity ISBT	37.5	\$0	5/31/2013
Isofoton	5000-3910	Isofoton - Lighting - October 2012 - Bldg Conversion	ACTIVE	Marvin Davis	Rebate Estimate Provided	95.0	\$4,500	5/31/2013
Oldcastle Precast Enclosure Solutions	5000-2036	Oldcastle Precast Enclosure Sol - Lighting/Chiller - 2011/2012	ACTIVE	Marvin Davis	Identify Opportunity	35.0		6/28/2013
Tenneco - Tenneco - Napoleon	5000-0006	Tenneco-Lighting, Jan 2011, Napoleon	ACTIVE	Marvin Davis	Rebate Estimate Provided	499.1		6/28/2013
Active Opportunities			9			1,125	\$13,300	

Companies with Terminated Projects (Commercial & Industrial)

Company Name	Job-Project	Project Title	Status	Manager
Rupp Enterprises	5301-1562	Rupp Enterprises-Lighting, June 2011-649	TERM	
Terminated Projects			1	

Companies with Terminated Opportunities (Commercial & Industrial)

Company Name	Job-Project	Opportunity Title	Status	Manager
Buckeye Launderers	5000-1837	Buckeye Launderers - Lighting, Sept 2011	TERM	Carl Andre
Terminated Opportunities			1	

Cumulative Goals

3-Year MWh Goal	MWh Savings	% of 3-Year MWh Goal
3,950	1,282	32%

Cumulative Expenditures



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

City of Napoleon, Ohio

BOARD OF PUBLIC AFFAIRS (BOPA)

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

Meeting Agenda

Monday, March 11, 2013 at 6:30 PM

- I. Approval of Minutes (In the Absence of any Objections or Corrections, the Minutes Shall Stand Approved)
- II. Review/Approval of the Electric Billing Determinants for March: Generation Charge: Residential @ \$.07757; Commercial @ \$.09706; Large Power @ \$.05188; Industrial @ \$.05188; Demand Charge Large Power @ \$12.30; Industrial @ \$13.61; JV Purchased Cost: JV2 @ \$.01989; JV5 @ \$.01989
- III. Electric Department Report
- IV. Beneficial Use and Purchase of Eastlake Power
- V. Spring & Fall Pickup Schedules and Operations
- VI. 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

	Meeting Minutes
	Monday, February 11, 2013 at 6:30 PM
PRESENT	
Members	Keith Engler – Chair, Mike DeWit, Dr. David Cordes
Electric Committee	Travis Sheaffer – Chair (arrived at 6:37 pm), Patrick McColley, Jason Maassel
City Staff	Dr. Jon A. Bisher, City Manager
	Dennis Clapp, Electric Superintendent
	Roxanne Dietrich, Executive Assistant
	Trevor Hayberger, Law Director
	Gregory J. Heath, Finance Director/Clerk of Council
Decordor	Barbara Nelson
Recorder	
Others	Jim Hershberger
ABSENT	None
Call To Order	Chairperson Engler called the meeting to order at 6:30 PM.
Approval Of Minutes	The January 14 meeting minutes stand approved as presented with no
	objections or corrections.
Review Of Determinants	The electric billing determinants for February were presented for review.
	Heath noted a credit of \$5,952 for JV5 RECs.
Motion To Recommend	Motion: DeWit Second: Cordes
Approval Of Electric Billing	To recommend approval of electric billing determinants for February 2013 as
Determinants	follows:
	Generation Charge: Residential @ \$.07971; Commercial @ \$.09915; Large
	Power @ \$.04923; Industrial @ \$.04923; Demand Charge Large Power @
	\$14.14; Industrial @ \$15.46; JV Purchased Cost: JV2 @ \$.05595; JV5 @
	\$.05595
Passed	Roll call vote on above motion:
Yea-3	Yea- Cordes, DeWit, Engler
Nay-0	Nay-
Ttay-0	lvay
Electric Department Report	Clapp gave the Electric Department Report (attached). (Sheaffer arrived.)
Electric Department Report	Maassel asked Clapp to have the guys check the wires in the trees in the 500
	block of Haley. Clapp said he will. Bisher said Heath sent bill stuffers for the
	EcoSmart program and received 10 applications as of today.
	Ecosmant program and received to applications as of today.
BODA Mation To Adjourn	Motion: DeWit Second: Cordes
BOPA Motion To Adjourn	
	To adjourn at 6:48 PM
Descal	Dell cell viste en chevie metion.
Passed	Roll call vote on above motion:
Yea-3	Yea- Cordes, DeWit, Engler
Nay-0	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, March 11, 2013 at 7:00 PM

- I. Approval of Minutes (In the Absence of any Objections or Corrections, the Minutes Shall Stand Approved)
- II. Spring & Fall Pickup Schedules and Operations
- III. Any Other Matters Currently Assigned To Committee

Gregory J. Heath, Finance Director/Clerk of Council

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

Monday, November 12, 2012 at 6:45 PM

PRESENT	
Water, Sewer Committee	Jeffrey Lankenau – Chair, James Hershberger, Christopher Ridley (arrived at
	6:50)
City Council	John Helberg – President, Jeffrey Lankenau, James Hershberger, Patrick
	McColley, Christopher Ridley, Jason Maassel
City Staff	Ronald A. Behm, Mayor
	Dr. Jon A. Bisher, City Manager
	Dennis Clapp, Electric Superintendent
	Roxanne Dietrich, Executive Assistant
	Trevor Hayberger, Law Director
	Gregory Heath, Finance Director/Clerk of Council
	Scott Hoover, Water Treatment Plant Superintendent
	Robert Weitzel, Police Chief
Recorder	Barbara Nelson
Others	News Media, Jeff Leonard, John Lehner, Keith Engler, Tom Druhot, Mike
	DeWit
ABSENT	N
Water, Sewer Committee	None
WCDDL Call To Orden	Chaimannan Loubenou called the mosting to ander at (.45 DM
WSRRL Call To Order	Chairperson Lankenau called the meeting to order at 6:45 PM.
Approval Of Minutes	The September 10, 2012, meeting minutes stand approved as presented with no
Approval Of Minutes	objections or corrections.
	objections of concetions.
Motion To Untable	Motion: Hershberger Second: Lankenau
Water Treatment Plant Eval	To remove Water Treatment Plant Evaluation from the table
Passed	Roll call vote on above motion:
Yea-2	Yea- Lankenau, Hershberger
Nay-0	Nay-
Discussion	Bisher said the reason Council called a special meeting is so members can
	comment and ask questions during the Committee meeting. No decision is
	expected from Council tonight. This is about the future for Napoleon's drinking
	water. (Ridley arrived.) There are four options that staff researched:
	1. Rehabbing the present plant: This was almost 2 years ago. Since then,
	other options became available.
	2. Doing a project with Defiance: This made sense. We took legislative
	action to apply for a grant to get facts on the cost and plans. This study
	has not been completed.
	3. Archbold talked about delivering water to us.
	4. If we didn't rehab the plant, building a new plant altogether.
	Staff relied heavily on:
	Staff relied heavily on: A pril 2011 study by Jones & Henry commissioned by the City of
	1. April 2011 study by Jones & Henry commissioned by the City of
	•

- 2. Another study was done in September 2012 which spoke directly about a new plant at a different site and using a different process. This study was also done by Jones & Henry, commissioned by the City of Napoleon.
- 3. Fulton County Water Supply Demand Study: Fulton County commissioners discussed this at an open meeting. Several Council members attended this meeting.

Bisher explained why staff believes Council should not wait until the Defiance study is complete. The study is ready to go out to bid and could be done within 6 months to 1 year. Bisher did \$1,740,000 cuts in the 2013 budget for things that had to be done almost immediately at the water plant. Scott Hoover, Water Treatment Plant Superintendent, is here to talk about those cuts. We are not putting money in the current water plant and can't wait. The 2011 study said the slakers were nearing the end of their useful life and should be replaced. We cut lime slakers from the 2011 and 2012 budgets. Defiance had a bad accident due to operating old slakers. Our water operators are in that same position. We can't get replacement parts for feeders. Staff feels we can make a reasonable decision from the 3 studies.

Bisher went through the four options with explanations of why they were accepted or rejected:

- Archbold seemed reasonable when we first looked at it. There would be a lot of line to be put in the ground. The Fulton County Study convinced staff and Council against this. The final conclusion in that study was, "As previously noted, the Maumee River is a surface water source with a dependable yield of 57 MGD that would meet the current and projected water demands. Through the existing intake, water from the Maumee River could be conveyed for treatment at Wauseon or to Archbold with additional infrastructure. While the location is south of the county line and there are issues with surface water intakes, the Maumee River presents the most dependable yield for Fulton County to have a county regional water system." Bisher said we have the water pool here. Why would we send water to Archbold and pump the finished water back? This is not the most efficient way to do it. On 11/8/12, Archbold's THM reading was just below 80. On 11/8/12, our THM reading was 64.
- 2. Defiance is on a different water pool than we have. Ours is Providence/Independence and they are above Independence. There are three rivers there. We would have to negotiate how to do this. It is not easily done if we are going to own a piece of their plant. Wauseon Reservoir negotiations took almost 2 years. There are issues with taste and smell with Defiance water. It would be our cost to fix.
- 3. The cost of rehabbing our plant from the 2011 study was \$13,424,000. There is a problem going into an old plant due to old pipes, etc. in the way. We need 1,000,000+ gallons of water per day output while we rehab. It could take 2-3 years to get this done.
- 4. A new plant per the 2011 study would cost \$25,000,000. The second study in September of this year looked at the problem differently. Staff asked Scott Hoover what he wanted. The proposed new plant would be

located at a new site with a new process called reverse osmosis (RO), also called membrane. This is a new technology, but not cutting edge. This would cost approximately \$18,800,000. We included \$500,000 to tear down the old plant, but we may not want to do this. Staff met with our satellites. The Village of Liberty Center (LC) and the County Water/Sewer District (CWSD) said if the City can get them water that will meet EPA requirements, they would be partners in the new plant. We figured their cost based on last year's use. Our share would be \$15,000,000 and they would absorb the rest of the cost. The plant would be owned by the consortium. Staff recommends building a new plant through this consortium and recommended the following 6 actions:

- a. Legislation rescinding Defiance Co-op Agreement;
- **b.** Legislation to direct City Manager to negotiate an extension of the Wauseon Reservoir Agreement;
- **c.** Direction to consent to form the collaborative agreement to build plant with CWSD and LC. We need to take the lead.
- **d.** Legislation to redirect purpose of \$1,800,000 of issued debt on rehab of old plant to new plant;
- e. Legislation to expend \$100,000 for test study. We must have this to build the new plant and must start immediately. It may take 6 months or more.
- **f.** Authorize City Manager to negotiate any contracts needed to assist in procurement or building of plant with final approval of Council.

Helberg asked if rate studies have been done. Bisher said they have not, but he told John Courtney we would need this. It is budgeted. We have estimated some of the numbers to operate the new plant. The cost estimated in the study is \$525,000 per year including chemicals, power, personnel, but not the cost of repairing a truck, travel expense, etc. Bisher added in another \$75,000 for these costs to make it \$600,000 per year. Estimated operating costs of our plant for 2013 are \$831,000 and we did not include MIEX costs.

Lankenau asked what we will do with MIEX. Bisher said we will sell off parts. We should make at least \$1,000,000 to help pay down the \$3,500,000 debt on MIEX. This debt service is already in the rates. Any sale would help pay down the debt quicker. Rates should not substantially change. They always go up due to chemicals, personnel costs, etc. In this case, we could get grants. With the difference in operating costs, we could just about pay the debt service for our part of the \$7,500,000-\$8,000,000 and use that same money to service debt. There would be \$8,000,000 of new debt, but it shouldn't require a rate hike. It would be revenue based debt. The revenue stream is already there.

Helberg asked about the other \$8,000,000. Bisher said we are counting on 50% in grants. Doing this project with others makes the project more attractive for grants. Lulfs said he spoke to some organizations. Two of them are interested in taking this on. Both would put a large grant project forward. They received Federal funds and have to use them. Regionalizing is good in the competitive grant process.

McColley asked if the plant will operate 1/3 of the day. Bisher said the 2012 study assumes it is operating 8 hours per day. It is designed at 3.5 million

gals/day. Hoover operates now with an extended single shift of 10-12 hours. We believe that is one savings cost off the top. We don't need 3.5 million gallons a day and can operate three shifts with the same amount of people. The numbers assume it is a one-shift plant, but it would probably operate better and be more efficient as a smaller plant operating 24 hours per day to drive down capital costs further.

Ridley asked if a membrane plant would not have issues with THMs. Bisher said we would be using UV for the primary disinfectant. The water must have certain chlorine retention before it leaves the plant according to the EPA. We will put chlorine in the system. If we eliminate almost all of the organics, we don't get byproducts and THM problems are substantially reduced with the new process. Our proposed partners are spending money now trying to reduce THM issues. Hoover said the main thing is that the organics would be removed. That procees will help with future regulations too. Bisher asked Hoover to explain the LT 2 rule that we must comply with by 2014. Hoover explained this requirement and noted that if we are changing to a new plant, we can ask for an extension to 2016.

McColley asked if the plant can be expanded in the future if the customer base expands. Bisher said a cell for RO produces 500,000 gallons in a 24 hour period. In 10 years, it may be that the City doesn't need more water, but the CWSD does. They can expand the plant using their capital putting in blocks of 500,000 gallons as needed. The plant will be easily expandable in blocks. Henry County has the most potential for expansion.

Ridley asked if the coalition of owners would set the water rates. Bisher said we would get output from our plant and set our own rates. LC and CWSD would set their own rates.

Maassel asked what will happen if we transfer debt from the old plant to the new plant and the old water plant breaks. Bisher said we put \$50,000 of contingency money in the 2013 budget. We may want to do part of the debt at this time and save some for the old plant.

Helberg asked if the \$600,000 expected annual cost includes the cost of raw water and sewage treatment. Bisher said the \$600,000 includes input and output cost. These are consortium costs. We would also have to recapitalize the water line to Wauseon as a consortium cost. \$600,000 is the cost to operate the plant. If it costs to pump raw water this year, it is included in the 2013 budget.

Helberg asked if sewage treatment costs would be in there. Bisher said they would not because we are not using that much water at the plant. It is not a problem with capacity. Capacity at the water treatment plant is a peak you reach and you have an overflow. We fixed that by putting in the EQ Basin. There should not be an issue for overflows or daily operations of water treatment. Hoover said there is also a large volume we send to wastewater now, about a ton of brine a day. Bisher said those costs are in the rates for the consortium. The water fund is not the healthiest of enterprise funds. We built in a 7% increase for 2013. The money is in the rates presently to service the debt. The old plant was built in 1965 and has operated 365 days a year since then. The new plant will set us up for another 40-50 years.



	 Helberg said we need a mechanism to charge raw water output. Bisher said he doesn't have those details worked out yet, but is aware of those issues and they are talking about them. The costs included pumping of raw water. We would recapitalize those assets and the use of the reservoir. Coutney can get a rate study done, but it is not a critical piece. Mayor Behm said he was here last year and remembers that having the water plant rehabbed would have been a 50%-60% increase in rates. He brought this up in the State of the City address. When we received contact from Defiance and Archbold, he encouraged the City Manager to look at them. Bisher wants the City to retain control and he did due diligence. The two options left are repairing the plant or building something new at a little more than the cost of repairs. The MIEX plant is costly and a new plant would eliminate that. A new plant would help with future regulations. Bisher and Lulfs did a good job looking at options. He has no complaints against their recommendation since they looked at everything. Lankenau said we have been beating this horse for 5 years. This will solve a lot of our problems. It is time to move forward.
Motion To Make 6 Recommendations To Council	 Motion: Ridley Second: Hershberger To make the six recommendations from staff to Council, including: Legislation rescinding Defiance Co-op Agreement; Legislation to direct City Manager to negotiate an extension of the Wauseon Reservoir Agreement; Direction to consent to form the collaborative agreement to build plant with County Water/Sewer District and Liberty Center; Legislation to redirect purpose of 1.8 million issued debt on rehab of old plant to new plant; Legislation to expend \$100K for test study; and Authorize City Manager to negotiate any contracts needed to assist in procurement or building of plant with final approval of Council.
Passed Yea-3 Nay-0	Roll call vote on above motion: Yea – Ridley, Lankenau, Hershberger Nay - Hershberger commended Bisher for all the work he put into this. Bisher said staff did much of the work.
Motion To Adjourn	Motion: Hershberger Second: Ridley To adjourn the meeting at 7:50 PM
Passed Yea-3 Nay-0	Roll call vote on above motion: Yea- Ridley, Lankenau, Hershberger Nay-
Approved:	
Date	Jeffrey Lankenau, Chair



City of Napoleon, Ohio

Department of Public Works

255 West Riverview Avenue, P.O. Box 151 Napoleon, OH 43545 Chad E. Lulfs, P.E., P.S., Director of Public Works Telephone: (419) 592-4010 Fax: (419) 599-8393 www.napoleonohio.com

Memorandum

To:	Jon A. Bisher, City Manager
сс:	Mayor & City Council
	Water, Sewer, & Refuse Committee
	Board of Public Affairs
	Gregory Heath, Finance Director
	Jeffery Rathge, Operations Superintendent
From:	Chad E. Lulfs, P.E., P.S., Director of Public Works
Date:	March 11, 2013
Subject:	2013 Spring and Fall Clean Ups

Each year the City provides spring and fall seasonal clean up to the residents of the City of Napoleon. Below are items that need to be discussed with the Water, Sewer, & Refuse Committee and/or the Board of Public Affairs.

- 1. Authorize spring seasonal clean up dates of April 29 May 3, 2013; fall seasonal clean up dates of September 30 October 4, 2013.
- 2. Discussion of material disposal quotes for both spring and fall clean ups.
- 3. Discussion regarding the pickup procedures for 2013.

Should you have any questions regarding this matter or require additional information, please contact me at your convenience.

CEL

City of Napoleon, Ohio

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

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

Meeting Agenda

Monday, March 11, 2013 at 7:30 PM

- I. Minutes of October 8, 2012 (In the absence of any objections or corrections, the Minutes shall stand approved.)
- II. PC 13-03 Review of Changes to Planning & Zoning Codes
- III. Review of Economic Development Incentives for the Possible Expansion of an Existing Napoleon Business in Napoleon
- IV. Updated Information from Staff on Economic Development (as needed)
- V. Any Other Matters Currently Assigned to Committee
- VI. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

City of Napoleon, Ohio Municipal Properties, Buildings, Land Use & Economic Development Committee **Special Meeting Minutes** Monday, October 8, 2012 at 7:00 PM

PRESENT **Committee Members** John Helberg - Chair, Jeff Lankenau, Patrick McColley, Mayor Ron Behm Dennis Clapp, Electric Superintendent Trevor Hayberger, Law Director Greg Heath, Finance Director/Clerk of Council Chad Lulfs, Acting City Manager Barbara Nelson News Media ABSENT None Dr. Jon Bisher, City Manager Chairman Helberg called the meeting to order at 7:00 PM Minutes of the June 11, 2012, meeting stand approved as presented. **Minutes Stand Approved Review Updated Information** Review Updated Information From Staff On Economic Development From Staff.. Remained Tabled remained tabled. Lulfs said there were few projects in 2012. He will bring one water project to **Review Of 2012 Projects** Council on Monday night which requires emergency funding. He'll bring plans and specifications for the job, but he can't pay for it. It will be up to Council whether to move forward or not. Heath said the key is where to legally pay for it from. It can come from the general fund or capital improvement fund. Heath checked the water balances today and doesn't know how to do this project without taking the balance precipitously low.

> Lulfs said the problem is that the cast iron waterline on Strong Street has severe rust issues. We are replacing water filters for residents every 5 days. The filters cost about \$40 each. When one homeowner fills his bathtub, you can't see the bottom of the tub for all the rust. One homeowner has a new baby and can't bathe it in the water. This project was split out from another project. He took Welsted out of that project because it's not part of this issue. He'll put Welsted in the 2013 budget for \$205,000. Projects cost more separately. He estimated about \$300,000 for both together. He's never had residents complain as much about any other issue. Bisher is involved with the homeowners on this and can talk about it at Monday's meeting.

> Helberg asked if the utility fund can borrow from the general fund. Heath said we can borrow money, but cannot transfer funds from another fund. Helberg suggested selling a 6 month note until the project can be included in the budget. Heath said we still have to follow the process to sell notes. We have to maintain minimum balances in the funds to maintain trust agreements with revenue bonds. He'll look at emergency clauses in the Ohio Revised Code (ORC) and check with our bond counsel. We have money in the general fund if Council wants to allocate it. At some point, we need to

City Staff

Recorder

Committee

Call To Order

Others

Staff

address emergency situations and how to deal with them. Hayberger said this shouldn't affect our bond rating. Heath said the water fund and general fund are our only options. The water fund is not as healthy as the sewer fund. Lulfs said if Council wants to do it now, we will. If not, we'll put it in 2013. It was in the 2012 budget, but got cut because the water fund was broke. Helberg said he would rather do the big project. Lulfs said both sets of plans are done. Lulfs said he didn't bring the Scott Street Project because we don't have **Review Of 2013 Projects** much say on that. He distributed plans for the Haley Ave Interceptor I/I Reduction Project (LTCP Project 17B) on Riverview Ave. and described them in detail. The plan includes replace existing sidewalks, and giving the homeowner one year to put in sidewalks where none existed before. Council can change this if they want, but this is what we did on Clairmont. The east side of the driveway at house #836 is where the existing sidewalk stops. From there to Glenwood, there are no sidewalks. This is an issue to consider. Another issue is that houses at 900, 904 and 908 have blocks/walls in their yards and the sidewalk in these proposed locations go through them. They are in the right of way by about 12'-15'. The plans on page 11 show the sidewalks where we normally put them. This is the standard location of sidewalks with the back of the sidewalk 1' inside the right of way. Lulfs said the issue is, do we pull the sidewalk all the way inside where the walls are? The flagstone is more than halfway to the road. We don't have to take the walls out to put in utilities. It is hard to fit the sidewalks in between the road and the wall. There is no curb and nothing to slow down traffic once the wall is down. Helberg said this might be a place to put a bike path. Lulfs said it would fit, but the cost would be guite a bit more because we have to watch thickness due to being on the edge of the pavement. There would be drainage to contend with. That's where the catch basins are. Police would have to be sure people don't park on it. Lulfs will check on cost. He will also contact people to see if they want the walls. We'll take walls out for free. One property had a license agreement with the City, but it is not transferrable. Hayberger said the agreement can be revoked at any time with an ordinance. Helberg said some people park there. Lulfs said many times when we do projects like this, parking goes away. One concern is having a bike path in front of three residences and a sidewalk at each end. Helberg said it could be called a walkway. Lulfs said if it is 10', we would want to do asphalt not concrete. The walls end at 908. There is a short wall west of there. Hayberger suggested doing a curb for those three houses. Lulfs said that is possible but we would have to change the drainage. It might be a cheaper option. Lulfs will check to see what residents want to do with their sidewalks. The projected cost for this project is just under \$750,000. We have a grant for 45% as long as it doesn't go over \$750,000. It will be in the budget for next year. The EPA says we have to do it.

Helberg asked why we replace the laterals. Lulfs said we've always replaced

everything in the right of way when we replace the main. That's the industry practice. Heath said one funding option to consider is assessment. Lulfs said we could assess sidewalks even where they exist because they have reached their useful life. His understanding is there is something in the ORC stating that when something has reached its useful life, it can be assessed again. Helberg said some people are still paying on their assessments, but the rates are higher for everyone because we haven't been assessing in the last 10 years. Heath said all of the south side was assessed in 1992 for the Southside Sewer Project. Helberg said those people got their sewers assessed, but they are still paying higher rates. Heath said utility bills are high because of socializing everything. We are spending money out of the socialized rates. The only other funding is assessments. The precedent has been set, and it will be hard to go back to assessing.

Helberg said there could be a long-term phase back in of assessments. Heath noted that industry and commercial customers are paying these rates too. Lulfs said when we had hearings for Woodlawn, people from the south side complained. McColley said we may need to do socializing on deeper sewers. Mayor Behm said there are smaller pipes on the outskirts of town and bigger ones in town. Heath said things like the water plant should be paid by everyone. Sidewalks should be paid by the homeowner. Nothing got assessed on Woodlawn and Washington.

Lulfs said assessment costs are calculated based on the cost of the project, frontage of property with special consideration for corner lots, etc. Every lot is calculated. We don't do assessment calculations in a day. Heath said the assessments are added to property taxes. Council has the legal authority to place assessments on projects. Helberg suggested overall project assessing, one person at the end may be deep and the other is shallow, we can assess them more evenly as an overall project. Lulfs said in assessment calculations we look at the cost of an 8" sewer which is the standard requirement. There may be something in Issue 2 funding about the local share. Some grants can't be assessed. CDBG is low income and we can't assess those. It cost \$10,000 in engineering costs to get calculations done for assessments on the Woodlawn Ave. Project and then we didn't assess.

Heath believes Council needs to reconsider assessing at some point and decide when to do it and when not. Council chambers will fill up on the first project you do. McColley said W. Riverview has more traffic. We are building it up a lot. Lulfs said if we assess it, we would look at 6 on 8 instead of 10 on 8 or 8 on 10. The minimum width for a street is 25'. Council could set minimum guidelines.

Lulfs will contact folks about the walls by their property. He rerouted the proposed sidewalk on Riverview at Glenwood.

Helberg asked about the Indiana Avenue taps. Lulfs said we can nonperform the taps. We have always done this wherever we worked. Helberg said the sewer is outside of the curb line. Lulfs said we're out there working and have the right to work on taps when we're out there. We may be able to get out I/I. Helberg suggested that Lulfs come back to the Committee with the sidewalk issue after he talks to people and before he gets too far into the design.

McColley asked if assessments should be put on the agenda for future discussion. Heath said this can be discussed as part of the budget process. Helberg asked how to get the topic to Council. Heath said he can put it on the Council agenda for the next meeting. We have regular Council meetings during the budget meetings.

Mayor Behm asked about future projects. Lulfs said Scott Street, Miscellaneous Streets, Welsted and Ohio Street waterlines, Ohio St. sanitary sewer, Hudson waterline, Kenilworth I/I Reduction Phase II. The sidewalk under Rt. 24 is a few years out. We're trying to get other funding to fix the road at the same time. We have \$500,000 now, but hope to get enhancement funding with a safety grant. When those are combined, ODOT allows us to use the funds for engineering as well. Helberg asked if ODOT will do that part of 108 with 24. Lulfs said anything full depth is us and every one of those bumps is full depth. 424 will be paved next year. The Riverview Sewer Project is the only substantial project except Scott Street. We'll put utilities in the Kenilworth area. There's a 1-1/2" line on Hudson.

Lulfs said the sewer on Ohio St. is an emergency in his mind. It has bad rust. Next year will be the biggest year and the issue will be having bodies for inspection. Helberg asked whether the City or ODOT inspect 108. Lulfs said we can, but no one in our office knows how to do the recording process. We want to hire someone to do the recording and we supplement them. McColley said ODOT inspected the Oakwood Avenue bridge.

Mayor Behm asked how much money we're borrowing next year. Lulfs said we have almost \$3,500,000 in grants. Cost is an estimated \$6,000,000. The bids will probably come in lower, but there will be about \$2,500,000 of City responsibility to spread across the funds. Helberg asked if Lulfs has access to Brad anymore. Lulfs said roadway projects don't work well with his schedule. He works better with site based projects, but can't be here 10-12 hours per day.

Motion: Lankenau Second: McColley To adjourn the meeting at 8:15 PM

Roll call vote on motion: Yea- Helberg, Lankenau, McColley, Mayor Behm Nay-

Motion To Adjourn

Passed: Yea-4 Nay-0

Date_

John Helberg, Chair

PC 13-03

Review proposed changes to City's Planning & Zoning Code

MEMORANDUM

TO: Members of The City Planning Commission
FROM: Tom Zimmerman, Zoning Administrator
SUBJECT: Review of changes to Planning & Zoning Codes
MEETING DATE: February 12th, 2013 @ 5:00 PM
HEARING #: PC-13-03

BACKGROUND:

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

Exhibit A

		Resid	lential			Cor	nmer	cial		Indu	strial
Institutional	R1	R2	R3	R4	C1	C2	C3	C4	C5	1	12
Cemetery	С	С	С	С	С		С	С	С	С	С
Child Day Care Centers				С	Ρ		Ρ	Ρ	Ρ		
Clubs, Lodges, Fraternal and Civic Assembly				С	Ρ		Ρ	Ρ	Ρ		
Convalescent and Nursing Homes				С	Ρ		Ρ	Ρ	Ρ		
Essential Services	Р	Р	Р	Р	Ρ		Ρ	Ρ	Ρ	Р	Р
Hospital					Ρ		Ρ	Ρ	Ρ		
Institutional Use			С	С	Ρ		Ρ	Ρ	Ρ	Р	
Mortuaries and Funeral Homes			С	С	Ρ		Ρ	Ρ	Ρ		
Public and Private Schools			С	С	Ρ		Ρ	Ρ	Ρ		
Public Service Facility	Р	Р	Р	Ρ	Р		Р	Ρ	Ρ	Р	Р
Wireless Telecommunication Facilities										С	С

Exhibit **B**

Essential Services: The erection, construction, alteration or maintenance by public utilities or municipal or other governmental agencies of underground or overhead gas, electrical, steam or water transmission or distribution systems; collection, communication, supply or disposal systems including poles, wires, mains, drains, sewers, pipes, traffic signals, hydrants and other similar equipment and accessories in connection therewith, not including buildings, which are necessary for the furnishing of adequate service by such public utilities or municipal or other governmental agencies for the public health, safety or general welfare.

Hospital: Facilities providing medical or surgical care to patients and offering inpatient (overnight) care.

Institutional Use: A use that provides a public service and is operated by a Federal, State or local government, public or private utility, public or private school or college, tax-exempt organization, and/or a place of religious assembly. Examples include: public agency, public safety and emergency services, essential and utility services, cultural, service and religious facilities, public/private health facilities or other similar uses.

Mortuaries: An establishment providing services such as preparing the human dead for burial and arranging and managing funerals and may include limited caretaker facilities. This classification excludes cemeteries, crematoriums and columbariums.

Public Service Facility: Any building held, used, or controlled exclusively for public transportation systems or facilities, water systems or facilities, wastewater systems or facilities, storm drainage systems or facilities, fire, police, and emergency systems or facilities, parks and recreation, electric utilities, gas utilities, cable facilities, or other public utilities.

Public/Private Utility: A person, firm, or corporation, municipal department, board or commission duly authorized to furnish and furnishing under governmental regulations to the public: gas, steam, electricity, sewage disposal, communication, telegraph, transportation or water.

Wireless Telecommunications Facility: A facility consisting of the equipment and structures involved in receiving telecommunications or radio signals from a mobile radio communications source and transmitting those signals to a central switching computer which connects the mobile unit with the land-based telephone lines.

		Resid	lential			Cor	nmer	cial		Indu	strial
Institutional	R1	R2	R3	R4	C1	C2	C3	C4	C5	1	12
Cemetery	С	С	С	С	С		С	С	С	С	С
Child Day Care Centers				С	Ρ		Р	Ρ	Р		
Clubs, Lodges, Fraternal and Civic Assembly				С	Р		Ρ	Ρ	Ρ		
Convalescent and Nursing Homes				С	Ρ		Ρ	Ρ	Ρ		
Essential Services	Ρ	Р	Р	Ρ	Ρ		Ρ	Ρ	Ρ	Р	Р
Hospital					Ρ		Ρ	Ρ	Ρ		
Institutional Use			С	С	Р		Ρ	Ρ	Ρ	Р	
Mortuaries and Funeral Homes			С	С	Ρ		Ρ	Ρ	Ρ		
Public and Private Schools			С	С	Ρ		Ρ	Ρ	Ρ		
Public Service Facility	Ρ	Р	Р	Ρ	Ρ		Ρ	Ρ	Ρ	Р	Р
Wireless Telecommunication Facilities										С	С

		Resid	lential			Cor	nmer	cial		Indu	strial
Institutional	R1	R2	R3	R4	C1	C2	C3	C4	C5	1	12
Cemetery	С	С	С	С	С		С	С	С	С	С
Child Day Care Centers				С	Р		Р	Ρ	Ρ		
Clubs, Lodges, Fraternal and Civic Assembly				С	Р		Ρ	Ρ	Ρ		
Convalescent and Nursing Homes				С	Ρ		Ρ	Ρ	Ρ		
Essential Services	Ρ	Р	Р	Ρ	Ρ		Ρ	Ρ	Ρ	Р	Р
Hospital					Р		Ρ	Ρ	Ρ		
Institutional Use			С	С	Ρ		Ρ	Ρ	Ρ	Р	
Mortuaries and Funeral Homes			С	С	Ρ		Ρ	Ρ	Ρ		
Public and Private Schools			С	С	Ρ		Ρ	Ρ	Ρ		
Public Service Facility	Ρ	Р	Р	Ρ	Ρ		Ρ	Ρ	Ρ	Р	Р
Wireless Telecommunication Facilities										С	С

CHAPTER 1145 Table of Permissible Uses

<u>1145.01</u> Table of Permissible Uses.

CROSS REFERENCES

Uses defined - see P. & Z. Ch. <u>1101</u>

1145.01 TABLE OF PERMISSIBLE USES.

The Table of Permissible Uses should be read in close conjunction with the definitions of terms set forth in Definitions of Basic Terms and the other interpretive provisions set forth in this Planning and Zoning Code.

(a) <u>Use of the Designation "P" and "C" in Table of Permissible Uses.</u> When used in connection with a particular use in the Table of Permissible Uses, the letter "P" means that the use is permissible in the indicated zone with a zoning permit issued by the Zoning Administrator. When the letter "P" is nonexistent in the Table, then it shall be deemed a nonpermissive use unless a special use or conditional use permit is approved in accordance with this Zoning Code.

In the zone district. When used in connection with a particular use in the Table of Permissible Uses, the letter "C" means that the use may be permissible with a conditional use permit in the indicated zone as may be issued by the Zoning Administrator upon approval by the Council after Planning Commission review.

(b) <u>Jurisdiction Over Uses Otherwise Permissible with a Zoning Permit.</u> Notwithstanding any other provisions of this Planning and Zoning Code, whenever the Table of Permissible Uses (interpreted in light of subsection (a) hereof and the other provisions of this Planning and Zoning Code) provides that a use is permissible with a zoning permit, and/or a conditional use permit, as applicable, shall nevertheless be required if the Zoning Administrator finds that the proposed use would have an extraordinary impact on neighboring properties or the general public. In making this determination, the Zoning Administrator shall consider, among other factors, whether the use constitutes a change from one principal use classification to another, whether the use is proposed for a site that poses peculiar traffic or other hazards or difficulties, and whether the proposed use is substantially unique or is likely to have impacts that differ substantially from those presented by other uses that are permissible in the zoning district in question.

(c) <u>Permissible Uses and Specific Exclusions.</u>

(1) The presumption established by this Planning and Zoning Code is that all legitimate uses of land, except those uses which, if allowed, would not serve to promote public health, safety, convenience, comfort, prosperity or general welfare, are permissible within at least one zoning district in the City's planning jurisdiction. Therefore, because the list of permissible uses set forth in (Table of Permissible Uses) cannot be all inclusive, those uses that are listed shall be interpreted liberally to include other uses that have similar impacts to the listed uses, subject to the issuance of a conditional use permit.

(2) The "Table of Permissible Uses" shall not be interpreted to allow a use in one zoning district when the use in question is more closely related to another specified use that is permissible in other zoning districts.

(3) Without limiting the generality of the foregoing provisions, the following uses (a) through (d) are specifically prohibited in all districts:

A. Any use that involves the manufacture, handling, sale, distribution, or storage of any highly combustible or explosive materials in violation of the City's Fire Prevention Code.

B. Stockyards, slaughterhouses, and rendering plants.

C. Use of a travel trailer as a temporary or permanent dwelling.

D. Use of a motor vehicle parked on a lot as a structure in which, out of which, or from which any goods are sold or stored, any services are performed, or other business is conducted.

(d) <u>Accessory Uses.</u>

(1) The Table of Permissible Uses classifies different principal uses according to their different impacts.

(2) Accessory use, or accessory: an "accessory use" is a use that is clearly incidental to, customarily found in connection with, and (except in case of accessory off-street parking spaces or loading) located on the same zoning lot as the principal use to which it is related. When "accessory" is used in the text, it shall have the same meaning as "accessory use". An "accessory use" includes, but is not limited to, the following:

A. Swimming pools for use of occupants of a residence or their guests.

B. Domestic or agricultural storage in a barn, shed, tool room, or similar accessory building or other structure.

C. Home occupations when carried on by the owner-resident of the dwelling when no physical or visual affects are observed beyond the walls of the dwelling.

D. Storage of merchandise normally carried in stock in connection with a business or industrial use, unless such storage is excluded in the applicable district regulations.

E. Storage of goods used in or produced by industrial uses or related activities, unless such storage is excluded in the applicable district regulations.

F. Accessory off-street parking regulations for the district in which the zoning lot is located.

G. Accessory signs, subject to the sign regulations for the district in which the zoning lot is located.

H. Satellite antenna or microwave receiving antenna, following all regulations set forth in Section <u>1127.20</u>.

(4) The following activities shall not be regarded as accessory to a residential principal use and are prohibited in residential districts.

A. Storage outside of a substantially enclosed structure of any motor vehicle that is unlicensed and not operational.

B. Parking outside a substantially enclosed structure of more than four motor vehicles between the front building line of the principal building and the street on any lot used for purposes that fall within the permitted use in a residential district.

(e) <u>Permissible Uses Not Requiring Zoning Permits.</u> Notwithstanding any other provisions of this Planning and Zoning Code, no zoning, or conditional-use permit is necessary for the following uses:

(1) Streets.

(2) Electric power, telephone, telegraph, fiber optic cable, cable television, gas, water, and sewer lines, wires or pipes, together with supporting poles or structures, located within a public right-of-way, except that a use of right-of-way permit may be required by the City.

(3) Neighborhood utility facilities located within a public right-of-way with the permission of the owner or controller (state or city) of the right-of-way.

(f) <u>Change in Use.</u>

(1) A substantial change in use of property occurs whenever the essential character or nature of the activity conducted on a lot changes. This occurs whenever:

A. The change involves a change from one principal use category to another; or

B. If the original use is a Combination Use or Planned Development, the relative proportion of space devoted to the individual principal use that comprises the Combination Use or Planned Development Use changes to such an extent that the parking requirements for the overall use are altered; or

C. If the original use is a Combination Use or Planned Development Use, the mixture of types of individual principal uses that comprise the Combination Use or Planned Development Use changes; or

D. If the original use is a Planned Residential Development, the relative proportions of different types of dwelling units change; or

E. If there is only one business or enterprise conducted on the lot (regardless of whether that business or enterprise consists of one individual principal use or a Combination Use), that business or enterprise moves out and a different type of enterprise moves in (even though the new business or enterprise may be classified under the same principal use or Combination Use category as the previous type of business). For illustration purposes only, if there is only one building on a lot and a florist shop that is the sole tenant of the building moves out and is replaced by a clothing store, which constitutes a change in use even though both tenants fall within a permitted principal Use. However, if the florist shop were replaced by another florist shop, that would not constitute a change in use since the type of business or enterprise would not have changed. Moreover, if the florist shop moved out of a rented space in a shopping center and was replaced by a clothing store, that would not constitute a change in use since there is more than one business on the lot and the essential character of the activity conducted on that lot (shopping center, Combination Use) has not changed.

(2) A mere change in the status of property from unoccupied to occupied or vice versa does not constitute a change in use. Whether a change in use occurs shall be determined by comparing the two active uses of the property without regard to any intervening period during which the property may have been unoccupied, unless the property has remained unoccupied for more than 181 consecutive days or has been abandoned.

(g) <u>Combination Uses.</u>

(1) When a Combination Use comprises two or more principal uses that require different types of permits, then the permit authorizing the Combination Use shall be a conditional use permit along with a zoning permit.

(2) When a Combination Use consists of a single-family detached residential subdivision that is not architecturally integrated and two-family or multi- family uses, the total density permissible on the entire tract shall be determined by having the developer indicate on the plans the portion of the total lot that will be developed for each purpose and calculating the density for each portion as if it were a separate lot.

(3) When a Combination Use consists of a single-family detached, architecturally integrated subdivision two-family or multi-family uses, then the total density permissible on the entire tract shall be determined by dividing the area of the tract by the minimum square footage per dwelling unit specified therein.

(h) <u>More Specific Use Controls.</u> Whenever a development could fall within more than one use classification in the Table of Permissible Uses, the use classification that most closely and most specifically describes the development controls.

	R	ESIDE	NTIAL	I		COM	IMERO	CIAL		INDUS'	TRIAL
AGRICULTURAL:	R-1	R-2	R-3	R-4	C-1	C-2	C-3	C-4	C-5	I-1	I-2
FARM MARKETS & STANDS					С				Р		
KENNELS								Р		Р	
PLANT CULTIVATION										Р	
SPECIALIZED ANIMAL RAISING										Р	

 RESIDENTIAL
 COMMERCIAL
 INDUSTRIAL

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							-				
RESIDENTIAL:	R-1	R-2	R-3	R-4	C-1	C-2	C-3	C-4	C-5	I-1	I-2
ONE FAMILY DWELLING	Р	Р	Р	Р							
TWO FAMILY DWELLING	Р	Р	Р	Р							
MULTIPLE FAMILY DWELLING				Р							
DAY CARE CENTERS				С			С	Р			
APARTMENTS ABOVE 1ST FLOOR			Р	Р	Р			Р			
BED & BREAKFAST			Р	Р	Р						
FUNCTIONAL EQUIVALENT FAMILY	С	С	С	С							
HOME OCCUPATION	Р			С	С						
REASONABLE ACCOMMODATION USE	С	С	С	С							
ASSISTED LIVING UNITS				Р							
MANUFACTURED HOMES										Р	

	R	ESIDE	NTIAL	1		COM	1MER(CIAL		INDUS	TRIAL
COMMERCIAL:	R-1	R-2	R-3	R-4	C-1	C-2	C-3	C-4	C-5	I-1	I-2
AGRICULTURE, CONSTRUCTION, SEMI- TRUCK SALES/SERVICE									Р	Р	Р
ANIMAL HOSPITAL/VETERINARY CLINIC							Р	Р			
AUTOMOTIVE OIL & LUBE SERVICE FACILITIES								Р	Р	С	
AUTOMOTIVE SALES OR LEASE FOR NEW & USED VEHICLES - OUTDOORS								Р	Р		С
AUTO REPAIR									Р	С	
AUTO WASH							С	С	Р		
COMMERCIAL RECREATIONAL FACILITIES								Р	Р		
COMMERCIAL SCHOOL							Р	Р	Р		
BANKS					Р		Р	Р	Р		
COMMERCIAL SEMI- TRUCK SALES/SERVICE									С	Р	Р

RESIDENTIAL

COMMERCIAL

INDUSTRIAL

RESTAURANT FAST FOOD

CONDEDCIAL											
COMMERCIAL:	R-1	R-2	R-3	R-4	C-1	C-2	C-3	C-4	C-5	I-1	I-2
ENTERTAINMENT AND SPECTATOR SPORT FACILITIES								Р	Р	С	С
GROCERY STORES								Р	Р		
MESSAGE/RELAXATION ESTABLISHMENT									С	Р	
MOTEL & HOTEL								Р	Р	С	
NEIGHBORHOOD BUSINESS LESS THAN 10,000 SQ. FT.					Р		Р	Р	Р		
PERSONAL SERVICES					Р		Р	Р	Р		
OFFICE					Р		Р	Р	Р		
PRINTING					Р		Р	Р	Р		
RECREATIONAL VEHICLE/EQUIPMENT OUTDOOR SALES								С	Р	С	Р
RESTAURANT CARRY- OUT ONLY					Р		С	Р	Р		
RESTAURANT DRIVE-IN								Р	Р	С	

С

Р

Р

Р

С

]	RESIDI	ENTIA	L		CON	1MER(CIAL		INDUS	TRIAL
COMMERCIAL:	R-1	R-2	R-3	R-4	C-1	C-2	C-3	C-4	C-5	I-1	I-2
RESTAURANT OUTDOOR CAFÉ					Р			Р	Р		
RESTAURANT FULL SERVICE					Р			Р	Р	С	
RETAIL BUSINESS: LESS THAN 60,000 GSF					Р		Р	Р	Р		
RETAIL BUSINESS MORE THAN 60,000 GSF								Р	Р		
SALE & STORAGE OF BUILDING MATERIALS										Р	Р
SELF-SERVICE STORAGE									Р	Р	Р
SERVICE STATION					Р			Р	Р		
SEXUALLY ORIENTED BUSINESS						С					
SHOPPING CENTER					С			Р	Р		
HOSPITALITY FACILITIES								Р	Р		
ROOMING HOUSE	С	С	С	С	С						

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	RESIDENTIAL				COMMERCIAL					INDUSTRIAL	
COMMERCIAL:	R-1	R-2	R-3	R-4	C-1	C-2	C-3	C-4	C-5	I-1	I-2
CEMETERY			С	С			С				
REPAIR SERVICES, CONSUMER					Р		Р	Р	Р		
NURSERY/GREENHOUSE									Р	С	С

	RESIDENTIAL					CON	INDUSTRIAL				
INDUSTRIAL:	R-1	R-2	R-3	R-4	C-1	C-2	C-3	C-4	C-5	I-1	I-2
ARTIFICIAL LAKE, POND, OR RESERVOIR	С	С	С	С	C	С	С	С	С	С	С
AUTO & METAL SALVAGE, JUNK YARDS										Р	С
BORROW PITS	С	C	С	С	C	С	С	С	С	С	С
FOOD PROCESSING									С	Р	Р
EXCAVATION, SAND, GRAVEL, CLAY, STONE & TOPSOIL FACILITIES										С	С
LABORATORIES										Р	Р
MANUFACTURING, SALE/STORAGE BUILDING MATERIALS									С	Р	Р
MANUFACTURING- GENERAL										С	Р
MANUFACTURING: LIGHT										Р	Р
OIL & GAS WELLS										С	Р
OUTSIDE STORAGE											Р

	RESIDENTIAL					CON	INDUSTRIAL				
INDUSTRIAL:	R-1	R-2	R-3	R-4	C-1	C-2	C-3	C-4	C-5	I-1	I-2
PUBLISHING										Р	Р
TRANSPORT & TRUCKING										С	Р
WAREHOUSING										Р	Р
WHOLESALE BUSINESS									С	Р	Р
WIND GENERATOR (TURBINE)	С	С	С	С						С	Р

PLANNED APARTMENT DEVELOPMENT		С	С			С		
PLANNED COMMERCIAL DEVELOPMENT					С	С	C	
PLANNED CLUSTER DEVELOPMENT		С	С			С		
PLANNED RESIDENTIAL DEVELOPMENT		С	С					

PLANNING COMMISSION RESOLUTION NO. PC13-03

A RESOLUTION OF THE CITY OF NAPOLEON PLANNING COMMISSION RECOMMENDING APPROVAL TO COUNCIL THE AMENDMENT OF THE PLANNING AND ZONING CODE, SPECIFICALLY CHAPTER 1101.01 AND 1145.01;

WHEREAS, the City Planning Commission has been requested to process a duly filed application for amendments to the current zoning code; and,

WHEREAS, pursuant to Section 1121.03 of the Codified Ordinances of Napoleon, Ohio (Zoning Code) the Planning Commission, within sixty (60) days of receipt of such application held meetings and hearings on the application with notice thereof; and,

WHEREAS, this Commission finds that proper application has been made and notice given in conformance with Section 159.03 of the Administrative Code as found in the Codified Ordinances of the City of Napoleon, and,

WHEREAS, the Planning Commission so desires to make a recommendation concerning the adoption and enactment of the proposed planning and zoning code amendments as presented to it in the above captioned matter; now therefore

BE IT RESOLVED BY THE PLANNING COMMISSION OF THE CITY **OF NAPOLEON, OHIO:**

That, this Planning Commission recommends to City Council the Section 1. adoption and enactment of the amendments to the Planning and Zoning Code, specifically, Chapter 1145.01 to include Exhibit "A" to the Table of Permissible Uses.

That, this Planning Commission recommends to City Council the Section 2. adoption and enactment of the amendments to the Planning and Zoning Code, specifically, Chapter 1101.01 to include the items listed in Exhibit "B" to the Definitions in their proper alphabetical order.

Section 3. That, this Resolution shall serve as a report from this Commission.

Section 4. That it is found and determined that all formal actions of this Commission concerning and relating to the adoption of this Resolution were adopted in open meetings of this Commission, and that all deliberations of this Commission and any of its committees that resulted in such formal actions were in compliance with all legal requirements, including Section 121.22 of the Ohio Revised Code and the Codified Ordinances of Napoleon Ohio.

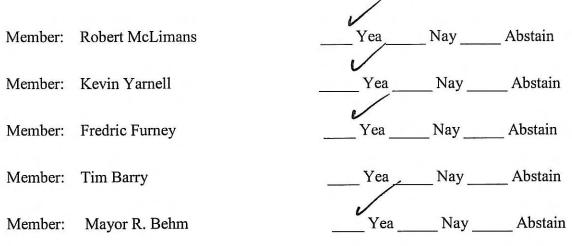
Section 5. That this Resolution shall take immediate effect.

.*

Report McLimans, Chairman

VOTE:

1



* See attached reason for any Nay vote, if checked ()

* See attached report amendment to this Commission Resolution, if checked ()

City of Napoleon, Ohio

Special Joint Meeting of

CITY COUNCIL

and

PARKS & RECREATION BOARD

and

PARKS & RECREATION COMMITTEE

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

Special Meeting Agenda

Wednesday, March 13, 2013 at 6:30 PM

- 1. Call to Order
- 2. Review of the Municipal Operation of the Golf Course
- 4. Outsource Management of the Municipal Swimming Pool
- 5. City Employee Discounts
- 6. Reduce Parks & Recreation Department Staffing by 1.5 FTE
- 7. Outsource of Cemetery Mowing, Burial and Maintenance Functions
- 8. Any other Business as may properly come before Council
- 9. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

255 West Riverview Avenue Napoleon, Ohio 43545 (419) 592-4010 (419) 592-8955 (fax) tcotter@napoleonohio.com

Memorandum

To:	Parks and Recreation Board Members
	Jon A. Bisher, City Manager
From:	Tony Cotter, Director of Parks and Recreation
Date:	Thursday, March 7, 2013
Subject:	Establishment of a Golf Course Greens Committee

In an effort to develop strategies and initiatives to improve the viability of the golf course operation, I am recommending the establishment of a Golf Course Greens Committee. This committee would meet independent of the Parks and Recreation Board and the Parks and Recreation Committee and bring recommendations to those bodies for review. The committee would consist of regular golf course member(s), senior citizen golf course member(s), youth golfers, staff members, a City Council member (if they choose), and myself. Issues such as initiatives to boost revenues, marketing strategies, assessing rate structures, and analyzing expenses would all be addressed. It would be the committee's objective to make recommendations no later than the commencement of the budget process in the fall.

If you would like additional information, please let me know.

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Memorandum

To:	Jon A. Bisher, City Manager
From:	Tony Cotter, Director of Parks and Recreation
Date:	Monday, January 14, 2013
Subject:	Swimming Pool Management Company Proposal

As a part of my continued cost reduction efforts for the Parks and Recreation Department, I've contacted two companies that specialize in the management of municipal swimming pools. Management companies can be hired by municipalities, private clubs, homeowners associations, etc.to assume onsite management functions of your facility from spring opening to end of summer closing.

Attached is a proposal that I received from USA Pools of Ohio that outlines what services they would provide and the annual cost. The cost to the City of Napoleon would be \$74,130. Their proposal includes the company furnishing staffing (onsite managers and lifeguards), day to day management, and chemicals for proper filtration and water chemistry levels. The City would be responsible for the cost of utilities (water, sewer, electric, and natural gas), facility maintenance and repairs, insurance, and capital improvements. The City would glean all revenue from pool attendance. A verbal quote from Metro Pools of Cleveland was given in the minimum amount of \$75,000. I am awaiting their detailed proposal.

For comparison purposes, I've also included the total costs for the operation of the swimming pool managed by the City of Napoleon and the total cost to the City with the facility managed by USA Pools. As you will note, a potential savings of \$1,630 might be achieved by contracting with a management company. This relatively small amount of savings should be measured against the loss of management control of the facility. In particular, the cost of utilities could likely be higher with a management company since this is an expense they would not bear. Increased costs could occur with more water usage, higher natural gas costs if water temperature level is increased or other operational expenses beyond the City's control. The City typically monitors these costs closely and keeps them to a minimum.

Based on the information presented, I do not believe contracting with a swimming pool management company would be in the best interest of the City.

Let me know if you have questions or would like additional information.

Swimming Pool Operation Expense Comparison City Operated vs. Management Company Operated

City Operated Expense Summary

Description of Expense	Amount
Personnel	\$50,940
Utilities – electric, water, sewer, natural gas, telephone	\$21,000
Chemicals	\$20,500
Miscellaneous Operational Expenses – spring startup, concrete repairs, painting, staff training, permits, etc.	\$ 8,310
Insurance and Bonding	\$ 1,100
Total Operating Expense	\$103,170
2013 Projected Revenue (average of 2011 and 2012 actual)	-\$21,760
Net Expense To City	\$81,410

Pool Management Company Expense Summary

Description of Expense	Amount
Management Operations Expense	\$74,130
Utilities – electric, water, sewer, natural gas, telephone	\$21,000
Chemicals	Included
Miscellaneous Operational Expenses – concrete patching, painting, buildings maintenance, permits (less labor costs)	\$5,300
Insurance and Bonding	\$ 1,100
Total Operating Expense	\$101,540
2013 Projected Revenue – to be retained by the City (average of 2011 and 2012 actual)	-\$21,760
Net Expense To City	\$79,780

ORIGINAL

SWIMMING POOL MANAGEMENT AGREEMENT

THIS AGREEMENT, between USA Pools of Ohio (the "Company") and The City of Napoleon (the "Owner"), is to provide for the operation and management by the Company of the Owner's pool located in Henry County, Ohio, in accordance with the specification, conditions, and terms set forth herein.

1. OPERATIONAL TIMES

DATES OF OPERATION:

June 1, 2013 through August 11, 2013

-Pool will be closed Monday-Friday while Henry County Schools are in session.

HOURS OF OPERATION:

Monday - 1pm-5pm Tuesday – 1pm-8pm Wednesday – 1pm-5pm Thursday – 1pm-8pm Friday – 1pm-5pm Saturday – 1pm-5pm

Sunday-1pm-5pm

2. SCOPE OF SERVICES:

- **Provide Staff**
- Test Water
- **Skim Pool Surface**
- Management of Operations
- Vacuum Pool
- **Clean Filters**
- **Inventory & Stock Chemicals**
- **Clean & Straighten Deck Furniture**
- **County Inspections**

- **Permit Applications**
- **Hiring & Recruiting**
- Bathroom Management Water Sampling
- Opening and Closing of Pool for Season

PAYMENTS: The Company hereby proposes to perform the work and services set forth above for the price of \$74,130.00 ber swim year upon specification, conditions and terms as set forth herein. Payments by Owner to Company shall be made in accordance with the following schedule:

DUE	Sept 15	Dec 1	Feb1 Ap	ril 1 June	<u>1 July 1</u>	August 1
						1.50
	\$3,706.50	\$3,706.50	\$3,706.50 \$7,4	13.00 \$22,23	9.00 \$22,239.00	0 \$11,119.50

4. PROPOSAL EXPIRATION OPTION: This contract is void at the Company's option if not executed by the Owner and returned to the Company by January 10, 2013.

5. ACCEPTANCE: Acceptance of this Agreement by Owner through signatures below, and return of this Agreement along with any payments due hereunder will constitute a contract entered into in accordance with the specifications, terms and conditions and addenda attached hereto. Owner acknowledges that it owns and /or operates the pool facility and has legal capacity and authority to enter into this agreement and bind the property owney of the pool facility. Owner agrees to contract specifications SECTION 1-41 in the proceeding body contract. Any actual changes must be listed in a separate Addendum

USA POOLS By: USA Pools of Chio, IN Bv: Name: Mart Satterly Title: President

The City of Napoleon

By: Authorized Agent - "Owner" Date:

Officer

255 West Riverview Avenue Napoleon, Ohio 43545 (419) 592-4010 (419) 592-8955 (fax) tcotter@napoleonohio.com

Memorandum

To:	Jon A. Bisher, City Manager
From:	Tony Cotter, Director of Parks and Recreation
Date:	Monday, March 11, 2013
Subject:	Performance Audit Response – Parks Maintenance Staff Reduction

The Performance Audit that was recently conducted by the State of Ohio compared the City of Napoleon's park maintenance division to peer cities of Oberlin, Orrville, and Tipp City. These comparisons were based on figures gathered by the auditors from 2011. Making the assumption that those figures are accurately reported, it shows that the City of Napoleon's expenditures and full-time employees exceed those of the peer cities.

Beginning in 2012, the Parks and Recreation Department, at the request of City Council, began making expense reductions within its budget. These reductions are outlined below. In addition, there are several items that need to be considered as it relates to the overall financial implication to the City - especially when being compared to other cities. Below is some information that must also be considered as we assess the results of the Performance Audit.

Number of Parks: The number of parks the City has is eleven (11) total while it was reported at ten (10). The total amount of acreage maintained was inaccurate. The City estimates that total acreage at 218.8 rather than 168.8. The additional acreage, which may not have been calculated, include additional park ground added in Oakwood Park, Bike trails and paths, athletic fields maintained by City staff located on school property. The maintenance staff also maintains the downtown sidewalks in way of weed control and snow removal.

Expenditures: It is important to note that I recommended several expense reductions measures that were recommended to the Parks and Recreation Board for 2012. Many of these recommendations included personnel reductions, program reductions or eliminations, and maintenance expense reductions. These items were implemented in 2012 and further reductions in personnel have been implemented for 2013. In addition, the audit suggested that revenue collected in the parks is often immaterial and therefore is not presented in net expenditures. The City of Napoleon gleans approximately \$17,500 in revenue from shelter house rental fees. We believe that is a significant amount of revenue and needs to considered and subtracted from the total expenditures to show a true "net cost" of the maintenance operation. For 2013, the projected expenditures for the Parks Maintenance Division totals \$261,366. This is a reduction from 2011 in the amount of \$55,597.

Staffing Levels: As part of our expense reduction effort, staffing levels were assessed and I recommended to the Board the reduction of one (1) permanent part time employee and three (3) seasonal employees for 2013. This resulted in a savings of nearly \$17,000. By reducing staff, it can be shown that our staffing levels are more in line with peer cities. With regard to peer cities, the City of Tipp City has 3.5 full time employees in their Parks Maintenance Division. They also employee 1 part-time employee (40 hrs. x 6 mo.) and three (3) seasonal employees (40 hrs. x 3 mo.). The City of Oberlin

has three (3) full time positions in their parks division and one (1) full time employee in the recreation division. No comparison was made to the City of Orrville since they do not offer any recreation programs and have no need to maintain athletic fields.

General Peer City Comparisons: It should also be noted that no specific comparisons were reported as they relate to types of parks in each of the peer cities. Expenses incurred in park properties are largely dependent upon the facilities and amenities maintained. In addition to The City of Napoleon maintains a total of eleven (11) baseball/softball fields, four (4) soccer fields, and one (1) football field. The City of Oberlin maintains 5 baseball/softball fields and 8 soccer fields. The City of Tipp City has sixteen (16) baseball/softball fields and ten (10) soccer fields. Neither Tipp City nor Oberlin have a Rec Levy. All expenses are funded through the General Fund and Capital Improvement Funds. Attempts to gain information from Orrville were unsuccessful.

The following table was taken from the AOS Performance Audit:

TABLE TAKEN FROM CITY OF NAPOLEON PERFORMANCE AUDIT (page 15)					
	Napoleon	Peer Average	Difference	% Difference	
Number of Parks	10	13	(3)	(23.1%)	
Total Acres Maintained	168.8	235.7	(66.9)	(28.4%)	
Total City Area (Sq. Miles)	5.6	5.1	0.5	1.0%	
Park Acres per Sq. Mile	30.2	46.0	(15.8)	(34.3%)	
Expenditures ¹	\$316,963	\$244,561	\$72,401	29.6%	
Expenditures Per Acre	\$2,154	\$1,279	\$875	68.4%	
FTE's	4.0	2.8	1.2	43.3%	
FTE's Per 100 Acres	2.4	1.2	2.0	166.4%	

TABLE 10: 2011 Parks Operating Comparison

Source: City of Napoleon and the cities of Oberlin, Orrville, and Tipp City

¹ Revenue collected for parks is often immaterial; therefore, expenditures are presented net of revenue generation.

The table below outlines the same comparison made by AOS to the peer cities after expense reductions are considered, actual acreage maintained is identified and calculated, and the net revenue is properly adjusted:

	Napoleon	Peer Average	Difference	% Difference
Number of Parks	11	13	(2)	(15%)
Total Acres Maintained	218.8	235.7	(16.9)	(7.7%)
Total City Area (Sq. Miles)	5.6	5.1	0.5	1.0%
Park Acres per Sq. Mile	39.1	46.0	(6.9)	(18%)
Expenditures ²	\$261,366 ³	\$244,561	\$72,401	29.6%
Expenditures Per Acre	\$1,195	\$1,279	\$875	(7%)
FTE's	3.5	2.8	0.7	25%
FTE's Per 100 Acres	1.6	1.2	<mark>0.4</mark>	33%

2013 Parks Operating Comparison

Source: City of Napoleon and the cities of Oberlin, Orrville, and Tipp City

² Net expenditures calculated after subtracting revenues of \$18,700 collected from shelter rentals, vending commissions, and donations ³ Total expenditures for Napoleon reflect personnel reductions implemented in 2013 which resulted in the elimination of one (1) permanent, part-time employee and three (3) seasonal employees.

Based on this information and the reductions already made, I recommend no additional staffing changes be considered at this time. If you would like more information, please let me know.

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Memorandum

To:	Jon A. Bisher, City Manager
From:	Tony Cotter, Director of Parks and Recreation
Date:	March 7, 2013
Subject:	City Employee Discounts for Golf, Swimming Pool, and Recreation
	Programs

With the recent discussion of the golf course operations, the issue of discounts for City employees has been asked to be considered. Currently, a benefit exists for both bargaining and non-bargaining employees that allows for a 50% discount in memberships at the swimming pool and golf course as well as city-operated recreation program fees.

Because this benefit is contained in all existing union contracts, I would recommend that any changes to this policy be addressed during future negotiations.

If you would like additional information, please let me know.

255 West Riverview Avenue Napoleon, Ohio 43545 (419) 592-4010 (419) 592-8955 (fax) tcotter@napoleonohio.com

Memorandum

То:	Jon A. Bisher, City Manager
From:	Tony Cotter, Director of Parks and Recreation
Date:	Thursday, March 07, 2013
Subject:	Request For Proposal – Outsourcing the Cemetery Maintenance Operation

The Performance Audit conducted by the State of Ohio cited the outsourcing of the mowing, burial, and maintenance functions of the City's cemeteries operation as an area for potential savings. According to the audit, hiring a contractor to perform these tasks, the City of Napoleon may have saved at total of \$34,800. The table below was contained in the Performance Audit and illustrates their calculations:

Table 15: Potential Savings: Outsourcing Cemetery Functions

	Actual Cost	Contracted (Estimate)	Difference
Personal Services	\$84,700		\$84,700
Supplies and Bonding	\$12,600		\$12,600
Contracted Burials		\$34,500	(\$34,500)
Contracted Mowing		\$28,000	(\$28,000)
		Total Annual Savings	\$34,800

TABLE TAKEN FROM CITY OF NAPOLEON PERFORMANCE AUDIT (page 20)

Source: City of Napoleon and the Village of Middlefield, Ohio

The audit estimated a cost per acre for mowing and trimming at \$32.00 per acre one time per week for 24 weeks and estimated a contracted cost of \$500 per burial assuming 57 interments.

To determine the viability of this recommendation, I sent a Request for Proposal (RFP) for the mowing, trimming, and related maintenance functions for both Forest Hill and Glenwood Cemeteries. The RFP included mowing and trimming to be completed one (1) time per week for a total of thirty (30) weeks. We generally consider our growing season from the first or second week in April to the end of October, depending on weather conditions. Other maintenance services include trimming around monuments, trees, and bushes. There are a total of 10,220 monuments and 305 bushes/shrubs in both cemeteries. The stone entry drives require a minimum of three (3) grass/weed control applications each season. Weekly weeding and watering of flower and perennial beds was also included as these are all maintenance items performed by city staff.

Only one (1) bid was received for this RFP which was submitted by Northwest Landscape Service of Napoleon. <u>Their cost for services for our proposal was \$76,840.</u> (see attached) Other maintenance duties were not included in the RFP. Those duties included grave leveling and seeding, mausoleum maintenance, tree trimming and/or removal, etc. No bid was submitted for burial services.

<u>It is important to note that the cemetery maintenance division effectively utilizes CCNO trustees to</u> <u>perform nearly all weed and shrub trimming duties.</u> On average, CCNO trustees commit approximately 20-30 hours per week to trimming at both Forest Hill and Glenwood cemeteries. This labor is performed at no cost to the City and allows us to limit the hours of the permanent, part-time maintenance workers to approximately 20 hours per week during the growing season. This represents a substantial savings to the City.

The following table represents the comparison between the quotation we received from Northwest Landscape Service and the actual cost to the City for maintenance and burials performed by current cemetery employees:

	City of Napoleon	Northwest Landscape Service	Difference
Personal Services	\$84,700		\$84,700
Supplies and Bonding	\$12,600 ¹		\$12,600
Contracted Burials		\$34,500 ²	(\$34,500)
Contracted Mowing		\$76,840	(\$76,840)
		Total Additional Cost to City	\$14,040

¹ For proper comparison to the Audit recommendation, the same amount that was used in their report has been used here. No bid was received for this service.

Based on this comparison, I do not believe that the City would realize any savings by outsourcing the cemetery maintenance operation. I recommend that City Council not pursue this course of action as they assess the results of the Performance Audit.

Additionally, I submitted a rate increase proposal in January for both lot purchases and open and closing fees. A survey of area cemeteries (both public and private) determined that our rates were lower in comparison and an increase could be justified. I am recommending that these rates be presented to City Council for approval. The new rates would generate additional revenue in the General Fund.

Please advise me on how you would like to proceed. If you would like additional information, please let me know.

CITY OF NAPOLEON – CEMETERIES DIVISION REQUEST FOR PROPOSAL

To: Landscape/Mowing Contractors

Re: Request for Proposal - Mowing and Trimming of City of Napoleon Cemeteries

Scope of Services:

- Finish mowing at Forest Hill and Glenwood Cemeteries a minimum of one (1) time per week for 30 weeks. (Additional mowing may be necessary upon mutual agreement with contractor and the City)
- 2. Trimming around all monuments, mausoleums, trees, shrubs, walkways a minimum of one (1) time per week.¹
- 3. Spray all drives to eradicate weed and grass growth three (3) times per year
- 4. Dress and level all drives with berm stone a minimum of one (1) time per season
- 5. Water and weed flower beds a minimum of four (4) days per week for 24 weeks
- 6. Possess all necessary liability insurance and workers compensation

COMPANY:	NORTHWEST LANDSCAPE SERVICE.
CONTACT:	Rom Foor
ADDRESS:	2 INTERSTATE DR.
	NAPOLEOH OHIO 43545
PHONE	419- 599-7371 (COL 966-2506).
COST FOR SERVICES:	
PRICE PER ACRE:	4 1707.55 (SEASCH),
COMMENTS:	111 NUMBER MAIL HOULS, 4320 SEASON
	(2) GROUND CONTOUR VERY UNEURIL
	STONES HOT IN STRICHT LINES.
	(3) SOME AREAS. REMAIN VERY-WET
Questions:	Contact Tony Cotter at 419-592-4010 or tcotter@napoleonohio.com
Deadline to submit:	February 28, 2013

¹ There are approximately 10,220 monuments and 305 bushes/shrubs at both cemeteries

255 West Riverview Avenue Napoleon, Ohio 43545 (419) 592-4010 (419) 592-8955 (fax) tcotter@napoleonohio.com

Memorandum

To:	Jon A. Bisher, City Manager
From:	Tony Cotter, Director of Parks and Recreation
Date:	January 24, 2013
Subject:	Cemetery Rates and Fee Recommendation

After a study of area cemetery fees and consulting with local funeral home directors, I am proposing an adjustment to the rates and fee schedule for burial lots and opening and closing services for both Glenwood and Forest Hill Cemeteries. We believe the proposed rates would bring us more in line with rates charged at area facilities. Additional fees are also proposed to account for services that extend beyond 2:00 pm. on weekdays that necessitate extra hours or overtime for our employees. I've attached the current rate schedule along with the proposed increases. These rates were last adjusted in 2002.

Based on the proposed rates, the City could generate approximately \$3,400 in lot sales. The City sold fifty-five (55) lots in 2012. With regard to opening and closing fees, the proposed rates could generate approximately \$6,500. We have averaged fifty-seven (57) interments since 2010.

Please advise me on how you would like to proceed. If you would like additional information, please let me know.

City of Napoleon – Cemeteries Division Rate Increase Recommendation

Current Rates:

Burial Lots	Resident	Non-resident
Regular	\$165.00	\$250.00
Infant	\$80.00	\$110.00
Opening and Closing Fees		
Adult Grave	\$215.00	\$310.00
Indigent Adult	\$190.00	\$275.00
Crematory Urn	\$100.00	\$160.00
Child's Grave	\$135.00	\$250.00
Infant (under 1 year)	\$110.00	\$190.00
Crypt end opening	\$160.00	\$240.00
Weekend Opening and Closing Fees (additional)	\$125.00	\$200.00

Proposed Rates:

Burial Lots	Resident	Non-resident
Regular	\$225.00	\$310.00
Infant	\$100.00	\$130.00
Opening and Closing Fees		
Adult Grave	\$350.00	\$450.00
Indigent Adult		
Crematory Urn	\$150.00	\$210.00
Child's Grave	\$185.00	\$300.00
Infant (under 1 year)	\$150.00	\$230.00
Crypt end opening	\$200.00	\$280.00
Weekend Opening and Closing Fees (additional)	\$200.00	\$300.00
Services after 2:00 pm. (additional)	\$50.00	\$50.00

Area Cemetery Rates and Fees

Riverside Cemetery (City of Defiance) – Defiance, Ohio

Burial Lots	Resident	Non-resident	Notes
Regular	\$375	\$450	Discounts given to purchases of 2 or more
Infant	-	-	
Opening and Closing Fees			
Adult Grave	\$400	-	
Crematory Urn	\$200	-	
Child's Grave	\$250	-	
Infant (under 1 year)	\$250	-	
Weekend and Holidays	\$500	-	
Services after 2:00 pm. (additional)	\$100	-	

Riverview Memory Gardens – Defiance, Ohio

Burial Lots	Resident	Non-resident	Notes
Regular	\$1000	-	Includes bronze plaque and footer
Infant	-	-	
Opening and Closing Fees			
Adult Grave	\$800	-	
Crematory Urn	\$750	-	
Mausoleum Interment	\$950	-	

Grelton Cemetery – Grelton, Ohio

Burial Lots	Resident	Non-resident	Notes
Regular	\$900	-	5 grave lot
Infant	-	-	
Opening and Closing Fees			
Adult Grave	\$400	\$500	

Damascus Cemetery – Liberty Center, Ohio

Burial Lots	Resident	Non-resident	Notes
Regular	\$300	\$400	
Infant	-	-	
Opening and Closing Fees			
Adult Grave	\$300	\$450	

City of Napoleon, Ohio

NAPOLEON INFRASTRUCTURE/ECONOMIC DEVELOPMENT FUND REVIEW COMMITTEE

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

Meeting Agenda

Friday, March 15, 2013 at 9:00 AM

- 1. Approval of Minutes from January 4, 2013 (In the Absence of any Objections or Corrections, the Minutes Shall Stand Approved)
- 2. Discussion/Action: Review of CRA No. 6 Napoleon I, LLC
- 3. Any Other Matters to Come before the Committee

Gregory J. Heath, Finance Director/Clerk of Council

City of Napoleon, Ohio Napoleon Infrastructure/Economic Development Fund Review Committee Meeting Minutes

Meeting Minutes Friday, January 4, 2013 at 1:30 PM

PRESENT Members Recorder Others ABSENT	Dr. Jon A. Bisher – Acting Chair, Gregory J. Heath Barbara Nelson Nancy Stehulak, Amanda Griffith Henry County CIC Director position was vacant on this date.		
Call To Order	Acting Chairperson Bisher called the meeting to order at 1:33 PM		
Motion To Approve Minutes	Minutes of the March 6, 2012 meeting stand approved with no objections or corrections.		
Kory Ratliff - Country Gourmet Request	Bisher said Corey Ratliff is asking that the original loan for Country Gourmet be modified so that we take a subordinate position to Henry County Bank. We were always in a subordinate position. Amanda Griffith said Glenn Miller told her that due to refinancing, we would automatically take the first position. Bisher said that would be because our date would be before the bank unless we subordinate ourselves. Griffith said this is a formality to assure that we are in second position.		
	Hayberger asked why this business isn't paying us off when they refinance. Griffith said she doesn't know. Heath said he is assuming this money was used on the building for downtown development and gets a lower interest rate. Griffith said it was used for building renovations. Heath said he believes Ratliff owns the building, but not the business anymore. He wonders if the loan needs to be restated or rewritten. Griffith said the loan says it is "Cory Ratliff doing business as Country Gourmet." Ratliff sold the business, but owns the building. Heath said the infrastructure loan is for the facility and Ratliff leases the facility. Heath is willing to take a subordinate position. Bisher said we would be taking a		
	subordinate position to the loan on the property. If the present tenant goes away, Ratliff will get another one. That's not our issue. If the building goes away and she owes money for it, we get our money after the bank gets theirs. We already accepted that. Heath said he doesn't know the deal that was made on selling the business. It could be land contract and may still be in transit.		
	Hayberger said he is assuming Ratliff owns the building. Griffith said she doesn't know. Hayberger said if the loan says "Cory Ratliff doing business as Country Gourmet," the loan could be modified to "Cory Ratliff doing business as Ratliff Enterprises (or whatever her business name is)." Bisher said the original loan needs to be modified or reapproved so we take a subordinate position. We can modify it by making a motion to make a subordinate loan to Cory Ratliff understanding that she is a property owner. Henry County Bank will have to do the same thing.		

	Heath asked if Ratliff runs the business next to Country Gourmet. Griffith affirmed, stating she believes it is a separate building. Heath asked if Ratliff owns that building too. Griffith said she assumes Ratliff does.
Motion To Approve	Motion: Heath Second: Bisher
Modification To A Subordinate	To approve the modification to take a subordinate position to Henry
Position On Loan With Legal	County Bank on refinancing the loan and to whatever legal name it should
Name Change As Needed	be under
Passed	Roll call vote on above motion:
Yea-2	Yea - Bisher, Heath
Nay-0	Nay -
Motion To Adjourn	Motion: Heath Second: Bisher
,	To adjourn the meeting at 1:42 PM
Passed	Roll call vote on above motion:
Yea-2	Yea - Bisher, Heath
Nay-0	Nay -

Date

Dr. Jon A. Bisher, 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:	2/27/2013
Re:	Board of Zoning Appeals Meeting Cancellation

The Board of Zoning Appeals meeting regularly scheduled for Tuesday,

March 12 at 4:30 PM has been <u>CANCELED</u> 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: 2/27/2013
Re: Planning Commission Meeting Cancellation

The Planning Commission meeting regularly scheduled for Tuesday, March 12 at 5:00 PM has been <u>CANCELED</u> due to lack of agenda items.

Fw: PD Editorial Board: Bill to streamline municipal tax collection is full of special-interest goodies

From: "Gregory J Heath" <gheath@napoleonohio.com> To: "Roxanne Dietrich" <rdietrich@napoleonohio.com> 03/04/13 09:09 AM

For Council Packet.

-----Original Message-----From: "Michelle Jordan" <datataxgroup@gmail.com> To: "undisclosed-recipients:"@napoleonohio.com Date: 03/04/2013 06:51 AM Subject: PD Editorial Board: Bill to streamline municipal tax collection is full of special-interest goodies

Dear DATA members:

This is an important editorial to share with everyone in your administration regarding HB 5. Please be sure to pass this along.

Have a wonderful Monday!

Michelle

Michelle Jordan DATA Dayton Area Tax Administrators

Tax Manager, Dayton Branch Office Central Collection Agency 371 W Second St, Suite 110 Dayton OH 45402 937.227.1359 Office 216.857.7382 Cell www.ccatax.ci.cleveland.oh.us

Bill to streamline municipal tax collection is full of special-interest goodies: editorial

Print

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Municipal income taxes are vital to the

Email Ohio cities and villages that collect

them. But for too many Ohioans, and too many businesses, filing and paying those taxes is more complex than it should be.

This year's Statehouse bid to smooth and systematize municipal income taxes, **House Bill 5**, is well-intended. And the bill is a great

improvement over a "central collection" plan that died last year.

But HB 5 has way too little input from Ohio cities and villages -- and way too much input from Statehouse lobbyists.

It needs to be rethought and redrafted.

To be sure, Ohio municipalities that charge income taxes want a less complex (and lower-cost) mechanism to collect them.

 Wirese full size

View full size

Bay Village Mayor Debbie Sutherland takes a dim view of House Bill 5.

But on the evidence to date, HB 5 -- backed by a Municipal Tax Reform

Coalitioncomposed of a score or more business lobbies and the **Ohio Society of CPAs** -- goes well beyond that.

And what the bill's backers portray as consultation, city and village officials characterize as dictation. According to the Ohio Municipal League, which represents the state's cities and villages, House Bill 5 is anything but a compromise.

In a meeting with Plain Dealer

editors, Bay Village Mayor

Debbie Sutherland, a

Republican who was recruited to consult in the drafting of the bill, likened it to being invited to a dinner without food or even utensils. She said it was one of the most frustrating experiences of her 17 years in politics.

Moreover, those promoting the bill appear to understate cities' potential revenue losses if

HB 5, as now drafted, becomes

About our editorials

Plain Dealer editorials express the view of The Plain Dealer's **editorial board --** the publisher, editor and editorial-writing staff. As is traditional, editorials are unsigned and intended to be seen as the voice of the newspaper.

• Talk about the topic of this editorial in the comments below.

• **Send a letter to the editor,** which will be considered for print publication.

• Email general questions or comments about the

law. On top of that, the bill includes several narrowly

tailored provisions that would

benefit select vocations or

editorial board to **Elizabeth Sullivan**, editor of the editorial page.

undertakings -- put plainly, special interests. That is not the same as ironing out procedural kinks in the status quo.

House Bill 5, as it stands, presents three overarching problems. The first, as noted, is lack of real give-and-take with cities and villages that charge income taxes. The second, just as important, is that Gov. John Kasich's 2011-2013 budget, approved by the General Assembly, slashed state aid to local governments. It's hardly fair for the state, on the one hand, to cut funding to cities and villages while, on the other, limiting their flexibility to marshal local resources to replace lost state money.

The third problem, most potent of all, is that HB 5, if it becomes law as is, would further damage the home-rule rights of municipalities. At the behest of Statehouse lobbies, the General Assembly has already driven hole after hole into the Ohio Constitution's promise of city and village home rule. Enough is enough.



March 8, 2013

Gerken's testimony focuses on benefits, challenges of AMP's efforts to create diversified generation portfolio

By Jolene Thompson – senior vice president of member services and external affairs & OMEA executive director

AMP's President/CEO Marc Gerken testified before a Congressional Subcommittee earlier this week.

Marc spoke on the benefits of and challenges to AMP's efforts to create a diversified generation portfolio. He was invited to testify at the Committee on Energy and Commerce, Subcommittee on Energy and Power by the Committee Chair Congressman Ed Whitfield (KY-1). The



AMP President/CEO Marc Gerken testifies March 5 before the U.S. House Subcommittee on Energy and Power hearing titled "American Energy Security and Innovation: The Role of a Diverse Electricity Generation Portfolio."

hearing was titled "American Energy Security and Innovation: The Role of a Diverse Electricity Generation Portfolio."

Other witnesses were Mark McCullough, executive vice president-generation for American Electric Power; William Mohl, president of Entergy Wholesale Commodities; Benjamin Fowke III, president and CEO of Xcel Energy; Robert Gramlich, interim chief executive officer of American Wind Energy Association; and John McClure, vice president government affairs and general counsel for Nebraska Public Power District.

Marc's testimony focused primarily on AMP's experience in developing new run-of-the-river hydroelectric generation at non-powered dams on the Ohio River. AMP currently has four projects under construction at existing dams, the largest deployment of new run-of-the-river generation in the nation.

In his testimony, Marc stressed the importance of diversity to the nation's energy security and presented an overview of AMP's balanced approach to power supply planning and the organization's experience in siting various generation technologies.

"Hydropower plays an important role in AMP's efforts," Marc said. "We are encouraged by the increasing recognition by policymakers of the untapped potential for new and enhanced hydropower development in the United States. To facilitate development and to ensure that new resources of all types can be economically and timely brought on line, it's important that the regulatory process be streamlined to eliminate redundancies and provide developers and investors with added certainty."

A complete transcript of Marc's testimony can be found here.

Struble promoted to project engineer mechanical

By Tim McNay – director of generation operations

I'm pleased to announce that Matt Struble was recently promoted. Matt, who was formerly a generation technician, is now project engineer mechanical. In this capacity, his responsibilities in-



clude research, management, coordination and reporting for generation operation and member projects.

Matt will also have oversight of Maximo, an asset management and maintenance program, subcontracted technical and field crews performing asset projects, and monitoring and preparation of contracts, POs, budgets and schedules associated with these projects.

Matt will assist with construction, start-up, maintenance, and operation of all generation equipment and associated facilities.

Before joining AMP in 2008, Matt served as the power plant supervisor for Bryan Municipal Utilities since 2005.



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.



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For weekly facts and updates, "like" American Municipal Power's Facebook page.



Demolition continues at AMP's decommissioned Richard H. Gorsuch Generating Station (RHGS). The concrete panels have been removed from the outside wall in preparation to pull the turbine room bridge crane off the rails through the north side wall. Boilers have also been removed, coal bunkers are exposed and electrical components are being stripped. Crews are moving 25 scrap trucks per day – more than 300 tons. More than 9,000 tons of scrap metal has been processed from the station (from October to March).

February Operations Statistics				
	JV6 Wind Output	Belleville Output	Avg. A/D Hub On-Peak Rate	
Feb. 2013	30%	50%	\$35.46/MWh	
Feb. 2012	27%	69%	\$30.82 /MWh	
	Fremont Energy Center Output	Blue Creek Wind Output	Napoleon Solar Output	
Feb. 2013	79%	39%	11%	
Feb. 2012	78%			
*Fremont capacity factor based on 675 MW rating *Solar capacity factor based on 3.54 MW rating				

AFEC weekly update

By Craig Kleinhenz – manager of power supply planning

AFEC continues its streak of uninterrupted production, seeing very consistent production throughout the week. Daily load factors all fell in a tight range (74 to 84 percent), ending the week at 78 percent (based on 675 MW).

Once again, the plant operated mostly at maximum baseload levels as it was dispatched to minimum loads only 5 percent of the hours for the week and duct burners were only used 6 percent of the hours. AFEC was 6.33/MWh cheaper than Day Ahead 7x16 prices for the week (which is a 3.72/ MWh increase from last week).

Hydro photos updated

Updated construction photos of AMP hydro projects are now posted on the <u>AMP website</u>. These images are updated regularly to illustrate the progress of project construction in chronological order. Subscribers of AMP Alerts will receive notifications when these and other online categories are updated. To subscribe, visit <u>www.amppartners.org</u> and choose the "subscribe" link in the top right corner of the home page.

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

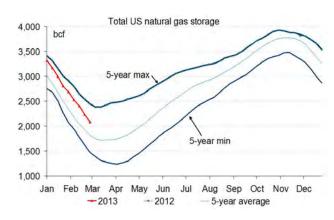
Week ending March 8 MON THE WED THU FRI \$36.12 \$37.52 \$40.76 \$35.79 \$33.36 Week ending March 1 TUE FRI MON WED THU \$33.00 \$34.75 \$34.00 \$35.00 \$36.75 AEP/Dayton 2014 5x16 price as of March 8 - \$42.83

AEP/Dayton 2014 5x16 price as of March 1 -\$41.97

Cold March drives energy prices higher

By Craig Kleinhenz

So far, every day in March has seen below normal temperatures. This cool trend is helping to decrease the amount of natural gas the United States has in storage (which is a large price driver for the natural gas and electric markets). This week saw a very large withdraw of natural gas from storage for this time of year. Storage levels are now well below last year's storage levels (also the five-year max level) and are causing the market some concern. A graph of the amount of natural gas in storage can be seen below:



These factors pushed natural gas and power prices higher. April natural gas prices closed up \$0.09/MMBtu from last week to end at \$3.58/MMBtu. This represents a threeweek gain of \$0.42/MMBtu. 2014 on-peak electric prices at AD Hub finished up \$0.86/MWh from last week, closing at \$42.83/MWh (a three-week increase of \$1.75/MWh).

Painesville electric plant celebrates 125 years

The City of Painesville is celebrating the 125th anniversary of its Municipal Electric Plant. The Painesville Council erected its first Electric Light Plant in 1888. Today, the city provides power



to more than 12,000 meters. Painesville is planning special events throughout the year, including a "Party at the Plant" in June featuring tours and giveaways.

The electric system continues to expand. City Council recently adopted legislation to finish the construction of a second substation, and to construct four distribution circuits from the substation to the plant – creating redundancy that will increase reliability for electric customers.

Update Classifieds

St. Marys seeks director of public service and safety

The City of St. Marys, a city of 8,332 residents in west central Ohio with an annual budget of 45 million, invites qualified applicants to apply for the position of director of public service and safety. Successful applicant will be appointed by and serve at the pleasure of the mayor and will plan, direct, and manage administrative, public safety, public works, and public utility services; prepare and monitor city's budget and expenditures; develop and enforce policies and procedures; and administer five labor agreements.

Must possess a bachelor's degree in public administration, business administration, or engineering (civil or electrical) or other related program with master's degree or professional engineer preferred, plus five years of experience with public financing and supervision or an equivalent combination of training and/or experience. Must become a city resident within six months. Salary commensurate with experience.

Interested applicants can request an employment application be sent to them by contacting Patrick Hire at Clemans, Nelson and Associates, Inc. at 419.227.4945. A properly completed application and resume with references must be submitted to the above address no later than March 30 to be considered. EOE. For more information on the city of St. Marys, visit us at <u>www.cityofstmarys.net</u>.

Borough manager applicants wanted in Ellwood City

Borough of Ellwood City, PA (population 7,966). 41 fulltime employees. Combined General/Electric/Sewer budget of \$13.4 million. Minimum of BS or BA in administration. 2-plus years of increasingly responsible experience for a community of similar size and complexity. Candidate should possess a strong background in municipal and financial management with effective leadership and communication skills.

Knowledge of PA Borough Code. Reports to a seven member council elected at large. Salary is DOQ with benefits. Submit cover letter, detailed resume, and three professional references by April 20 to Borough of Ellwood City, c/o Domenic A. Viccari, 525 Lawrence Avenue, Ellwood City, PA 16117.

Danville looks to fill position for division director of water and gas distribution

City of Danville: Division Director of Water & Gas Distribution. The Utilities Department is seeking an experienced professional to direct the operation of the division and to ensure compliance with local, state, and federal regulations. Plans and coordinates gas marketing activities and gas rate structure. Oversees preparation and implementation of annual and five year budget. Monitors major construction projects and ensures operation and maintenance requirements are met. Prepares and presents letters, ordinances, resolutions, and reports on regulatory, legal and technical matters in formal settings.

Candidate must possess a comprehensive knowledge of water and gas distribution systems and a comprehensive

knowledge of local, state, and federal regulations and standards. Must have the ability to prepare annual budgets for capital improvement, operations, maintenance and major system improvement projects. Must be able to effectively communicate in both speaking and writing. Bachelor's degree in civil engineering or related field required with a minimum of three years experience in a progressively responsible supervisory position.

Position will remain open until filled. Salary range: \$70,858-\$110,957/DOQ. Visit our website to <u>apply on-</u> <u>line</u> www.danville.va.us Equal Opportunity Employer.

Engineering technician needed in City of Bowling Green

Engineering technician: City of Bowling Green, Ohio – Engineering Division (Grade 6: \$19.31/hour - \$24.66/hour). This hourly, non-exempt position is responsible for effectively compiling, analyzing and comprehending civil engineering information to create, usable construction drawings. Assist contractors, City personnel and the public in utility locations and other various inquiries related to day-to-day operation of the City.

Under direction of the City Engineer, draw/design new or replacement projects using AutoCAD Civil 3D various other City departments/divisions. Must have a minimum of a two year college certificate in Engineering Technology or similar related field; with minimum of three years of relevant AutoCAD Civil 3D experience; and must have a valid Ohio Driver's License. The selected candidate must successfully complete an AutoCAD Civil 3D aptitude exercise. A copy of the job description will be provided to applicants.

Interested persons must complete the application that is available on-line at <u>http://www.bgohio.org/depart</u> <u>ments/personnel-department/employment-opportuni</u> <u>ties</u> or available in the City's Personnel Department. Resumes may be included, but will not substitute for a completed application.

Completed applications must be submitted to the Personnel Department, City of Bowling Green, 304 N. Church St, Bowling Green, Ohio 43402. Telephone: 419.354.6200; email: <u>BGPersonnel@bgohio.org</u> Office hours: 8 a.m. – 4:30 p.m. weekdays. Deadline for application submission is 4:30 p.m. March 22. AA/EEO

Calendar

March 11-13—APPA Legislative Rally *Grand Hyatt, Washington, D.C.*

March 14—AMP finance & accounting subcommittee meeting New Martinsville City Hall, West Virginia

March 23—APPA Lineworkers Rodeo Kissimmee, Florida

March 24-27—57th Annual Engineering and Operations Technical Conference *Kissimmee, Florida*

April 23-24—8th Annual AMP Technical Services Conference *Columbus*





Legislative Bulletin

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Committee Schedule

March 8, 2013

DAYTON AREA MUNICIPAL OFFICIALS HOLD PRESS CONFERENCE AND RALLY TO OPPOSE HB5

This past Tuesday, municipal officials from across the greater Dayton area gathered at Dayton City Hall to unite in opposition against HB 5, legislation introduced in an attempt to create greater uniformity in the municipal tax system but as currently written would cause communities across the state to lose precious revenue, interfere with the ability to collect current revenue levels in the future and would surrender administrative control to the state.

Below is a link to a video from the Dayton area municipal official's press conference:

http://www.youtube.com/watch?v=1azH0SPh4c8&feature=share&list=UU8upHquptA3gqvKO7qXZvIg

We want to thank the large number of Dayton area Mayors, Managers, members of Council, Tax Administrators, Finance Directors, Safety Directors and other municipal officials, representing a bipartisan coalition of local government leaders, for making time in their busy schedules to share with the public their concerns for this legislative proposal.

As we reported to you last week, Cleveland area municipal officials gather at Cleveland City Hall for a press conference opposing HB 5 also and below is a link to a video from the that event:

http://www.youtube.com/watch?v=EJUnEEAxXpE&feature=share&list=UUAAmkc2sRESFoEtiKRTaTRA

Thank you again to all these community leaders for organizing to speak with one voice concerning this important issue and to all those who have joined the fight to protect the future of Ohio municipalities.

LEAGUE TESTIFIES BEFORE HOUSE WAYS AND MEANS SUBCOMMITTEE ON LOCAL GOVERNMENT FUND

On Thursday, OML Executive Director Susan Cave testified before the House Ways and Means subcommittee whose members are studying, among other things contained in the budget, the Local Government Fund contribution amounts, as proposed in the Governor's budget. A copy of Sue's testimony can be found <u>HERE</u>.

Director Cave reminded subcommittee members present of the importance to the financial stability of Ohio municipalities that the partnership between the state and its service providing partners remains strong and that we ask of the General Assembly that there be a larger financial contribution by the state to restoring LGF funds removed in the previous budget as a result of the state's projected \$8 billion dollar deficit. In light of the nearly \$2 billion expected to reside in the state www.omlohio.org/Bulletin/bulletin.htm

rainy day fund as result of the Governor's budget proposal, we are asking legislators for some relief from critical financial difficulties our municipalities are experiencing as they try and make-up for these losses in LGF and revenues previously generated through the Estate tax.

OHIO MUNICIPALITIES RECOGNIZED BY SITE SELECTION MAGAZINE FOR LEADERSHIP IN **ECONOMIC DEVELOPMENT**

In the "in case you missed it" category, we want to bring to our members attention two articles that appeared in the Columbus Dispatch and the Columbus Business First newspapers, featuring the success stories of Ohio municipalities in the area of economic development and the recognition for the strides to improve the business climate at the local level, through-out the state. The articles can be accessed HERE and HERE.

We not only want to congratulation those municipalities that are highlighted in the articles but also want to recognize all the hard work every Ohio municipality does to attract companies and businesses to their communities to provide a economic future for their residents and all of Ohio. Now more than ever, it is so important for the state and our municipalities to work together and forge a relationship built on trust and a spirit of mutual support.

EPA WORKING ON OHIO SOLID WASTE MANAGEMENT REVIEW

The Ohio EPA has released a revised Vision 2035 statement as well as its first draft proposal for the Ohio Solid Waste Management Review.

The Vision 2035 statement was first released in draft form in October of 2012 and has been significantly revised as a result of public comments received. Ohio EPA hopes that this vision statement can serve as a meaningful long-term vision for Ohio and can help focus the energies and efforts of all Ohioans towards a better future of waste management in the state.

The draft proposal contains nine changes to the local planning process that will provide a more flexible and meaningful plan for solid waste management districts; it is a result of stakeholder ideas, meetings, research and discussions over the past several months. Ohio EPA will accept comments on the draft proposal until Monday, April 1, 2013 at 5:00pm. Comments may be submitted directly to Ernie Stall at ernest.stall@epa.state.oh.us or mailed to the address listed in the draft proposal.

You can find the draft proposal and the new Vision 2035 statement on the Ohio Solid Waste Management Review website. If you haven't done so already, I encourage you to bookmark the site and return frequently to check for updates.

CLEAN OHIO STREAMLINES APPROVAL PROCESS FOR BROWNFIELD PROJECTS

The Clean Ohio Council announced a streamlined process for funding brownfield projects. The process creates a single brownfield incentive program, combining Clean Ohio's Revitalization Fund and Assistance Fund, which will be managed through a collaboration of the Ohio Development Service Agency's Office of Redevelopment, JobsOhio and the Clean Ohio Council. All brownfield project requests will begin with Jobs Ohio and its regional network partners.

"This new structure will streamline the process for communities interested in Clean Ohio assistance," said Christiane Schmenk, director of the Ohio Development Services Agency. "As we transition into this new model, our commitment remains the same. We want to provide outstanding customer service, create jobs and build strong communities making Ohio a place everyone can succeed."

Clean Ohio funding assists projects in environmental assessment, acquiring property, demolishing structures, conducting environmental cleanup and improving infrastructure. Funding requests will be accepted by JobsOhio and its regional www.omlohio.org/Bulletin/bulletin.htm

network partners, who will then evaluate a project's economic benefits. Clean Ohio grant recommendations will then be referred to the Director of the Development Clean Ohio Council for review and potential approval.

In addition to the streamlined process, the Council announced that grant funding will be available on a rolling cycle, as opposed to having specific funding rounds. Up to \$3 million will be available per project for cleanup activities and \$200,000 per project will be available for environmental assessment activities. Additional brownfield funding is available through the Brownfield Loan Program, which is administered by the Ohio Development Services Agency's Office of Redevelopment.

JobsOhio is accepting funding requests for the \$15 million grant allocation. Funding may include a grant and loan combination, utilizing the brownfield grant funding and the Brownfield Loan Program.

The Clean Ohio Fund restores, protects, and connects Ohio's important natural and urban places by preserving green space and farmland, improving outdoor recreation, and by cleaning up brownfields to encourage redevelopment and revitalize communities. For more information about the Clean Ohio Fund, visit <u>www.clean.ohio.gov</u>.

The Office of Redevelopment, located within the Ohio Development Services Agency, assists communities with placebased redevelopment which creates wealth from personal, business and community successes. The Office of Redevelopment works to identify the resources and financing necessary to enhance the economic viability of local communities.

We hope everyone has a great weekend!