## Memorandum

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

Subject: General Information

**Date:** April 08, 2016

#### CALENDAR

#### Monday, April 11, 2016 Meetings

#### 6:30 pm - Electric Committee & Board of Public Affairs

- 1. Approval of Minutes the minutes from the February 8, 2016 meeting are enclosed.
- 2. Review/Approval of the Power Supply Cost Adjustment Factor for April, 2016 the reports for April 2016 are attached.
- 3. Electric Department Report Summary of March 2016 Outage/Standby Call-Outs is attached.
- 4. AMP Project Update

#### 7:00 pm - Special Joint Meeting City Council & Water/Sewer Committee

- 1. Approval of Minutes the minutes from the January 11, 2016 meeting are enclosed.
- 2. Update on Water Treatment Plant Rehabilitation Design
- 3. Introduction of Ordinance No. 012-16, an Ordinance Supplementing the Annual Appropriation Measure (Supplement No. 2) for the Year 2016; and Declaring an Emergency.

#### 7:30 pm - Municipal Properties/ED Committee

- 1. Approval of Minutes the March 14, 2016 meeting minutes are attached.
- 2. St. Paul Methodist Parking Lot Lease (Tabled)
- 3. Draft Assessment Policy and Assessment Percentages (Tabled)
- 4. Review of Round House Road
- 5. Review of Park Lane

#### Tuesday, April 12, 2016 Meetings

**4:30 PM** - Board of Zoning Appeals

5:00 PM - Planning Commission

**6:30 PM -** Housing Council Meeting

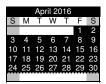
#### INFORMATIONAL ITEMS

- 1. AMP Update/April 1, 2016
- 2. AMP Update/April 8, 2016
- 3. AMP Public Power Connections Spring Edition 2016
- 4. OML Legislative Bulletin/April 1, 2016
- 5. Adult Crisis Stabilization Unit Groundbreaking Ceremony

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Records Retention - CM-11 - 2 Years

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#### Calendar

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
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	6:30 PM Electric	4:30 PM Board of Zoning				
	Committee/BOPA Meeting	Appeals Meeting				
	7:00 PM Special Joint Meeting City Council and Water/Sewer	5:00 PM Planning Commission				
	City Council and Water/Sewer	Meeting				
	Committee	6:30 PM Housing Council Meeting				
	7:30 PM Municipal Properties/ED Committee	Meeting				
	Properties/ED Committee					
	Meeting					
17	18	19	20	21	22	23
	6:00 PM Tree Commission					
	Meeting	[				
	6:15 PM Parks & Recreation					
	Committee Meeting	[				
	7:00 PM City Council Meeting	[				
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24	6:30 PM FINANCE &	26	27	28	29	30
24	6:30 PM FINANCE & BUDGET Committee Meeting	26	27	28	29	30
24	6:30 PM FINANCE & BUDGET Committee Meeting 7:30 PM SAFETY & HUMAN	26	27	28	29	30
24	6:30 PM FINANCE & BUDGET Committee Meeting 7:30 PM SAFETY & HUMAN RESOURCES Committee	26	27	28	29	30
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# City of Napoleon, Ohio Electric Committee

LOCATION: Council Chambers, 255 West Riverview Avenue, Napoleon, Ohio

## Meeting Agenda Monday, April 11, 2016 at 6:30pm

- I. Approval of Minutes (In the absence of any objections or corrections, the Minutes shall stand approved)
- II. Review/Approval of the Power Supply Cost Adjustment Factor for April:

PSCAF three (3) month averaged factor: - \$0.00289

JV2: - \$ 0.014673 JV5: - \$ 0.014673

- III. Electric Department Report
- IV. AMP Project Update
- V. Any other matters currently assigned to the Committee
- VI. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

## City of Napoleon, Ohio Electric Committee

## Meeting Minutes

Monday, February 8, 2016 at 6:30pm

**PRESENT** 

**Members** 

**Board of Public Affairs** 

**City Staff** 

Patrick McColley, Dan Baer

Mike DeWit - Chair, Dr. David Cordes, Nick Frysinger

Monica S. Irelan, City Manager Dennis Clapp, Electric Superintendent

Gregory J. Heath, Finance Director/Clerk of Council

Lisa L. Nagel, Law Director Jason P. Maassel, Mayor

Bobby Stites, Assistant MIS Director

Recorder Others

**ABSENT** 

Travis Sheaffer

Tammy Fein

Call To Order Chairman DeWit called the meeting to order at 6:30pm.

Acting Chairman McColley called the meeting to order at 6:30pm.

Swearing In: Frysinger Mayor Maassel swore in Nick Frysinger to the Board of Public Affairs and

administered the Oath of Office.

**Approval Of Minutes**The January 11 meeting minutes stand approved as presented with no objections

or corrections.

**Review Of Power Supply Cost** 

Adjustment Factor

The electric Power Supply Cost Adjustment Factor for February was presented for review.

BOPA Motion To Recommend Approval Of Power Supply Cost Adjustment Factor Motion: Cordes Second: Frysinger

To recommend approval of Power Supply Cost Adjustment Factor for February

2016 as follows:

PSCAF three (3) month averaged factor: -\$0.00747

JV2: \$0.032455 JV5: \$0.032455

DeWit believes that the spreadsheet may be incorrect at Column C; Heath explained that the sum shown is the total of the prior month's figures that are not shown on the printed format of the spreadsheet provided by DeWit; Heath showed that the prior months are above the current month, not below.

Passed Roll call vote on above motion: Yea- 3 Yea- Cordes, DeWit, Frysinger

Nay- 0 Nay-

Motion To Accept BOPA Recommendation For Approval Of Power Supply Cost Adjustment Factor Motion: Baer Second: McColley

To accept the BOPA recommendation for approval of Power Supply Cost

Adjustment Factor for February 2016 as follows: PSCAF three (3) month averaged factor: -\$0.00747

JV2: \$0.032455

JV5: \$0.032455 **Passed** Roll call vote on above motion: Yea- 2 Yea- McColley, Baer Nay- 0 Nay-Clapp distributed the Electric Department Report, summarizing the outages and **Electric Department Report** explaining the peak and average loads for the month. **AMP Project Update** Irelan updated the Board and Committee on the hydro projects coming online, as well as the acronyms and terms used regarding AMP projects; see attached. Irelan stated that the charges will be added slowly to the bills as the months progress. Irelan stated that the largest portion of the City portfolio is Fremont natural gas at approximately twenty eight percent (28%) with the next highest being Prarie State at approximately twenty three percent (23%). DeWit asked if the hydro is considered green energy; Irelan reported that it is, along with solar and wind power. **Any Other Matters To Come** None **Before The Board Any Other Matters Assigned To** None The Committee Second: Frysinger **BOPA Motion To Adjourn** Motion: Cordes To adjourn the meeting at pm **Passed** Roll call vote on above motion: Yea-3 Yea- Cordes, DeWit, Frysinger Nav- 0 Nay-Motion: Second: McColley **Electric Motion To Adjourn** Baer To adjourn the Electric Committee meeting at 6:45pm **Passed** Roll call vote on above motion: Yea- 2 Yea- McColley, Baer Nay- 0 Nay-

Date

Patrick McColley, Acting Chair

Council

APRIL 2	016				City	, (	of Napoleon,	Oł	nio					
		DETERM	/IIN	IATION OF MO	ONTHLY - PO	W	ER SUPPLY	CC	ST ADJUS	STMENT FAC	TC	OR (PSCAF	)	
AMP		City		Power					Rolling	Less: Fixed		PSCA		PSCAF
Billed	City	Net		Supply Costs	Rolling 3-N				3 Month	Base Power		Dollar		3 MONTH
Usage	Billing	kWh		(*Net of Known)		ric			Average	Supply		Difference	1	VERAGED
Month	Month	Delivered		(Credit's)	kWh		Cost		Cost	Cost		+ or (-)		FACTOR
(a)	(b)	(c)		(d)	(e)		(f)		(g)	(h)		(i)		(j)
		Actual Billed	_	Actual Billed	c + prior 2 Mo		d + prior 2 Mo	Ш	f/e	\$0.07194 Fixed		g + h	-	i X 1.075
Jan '14	March '14	15,559,087	\$	1,172,398.60	43,288,581	\$	3,206,860.62	\$	0.07408	\$ (0.07194)	\$	0.00214	\$	0.00230
Feb '14	April '14		\$	947,067.14	43,571,256		3,225,617.92		0.07403			0.00209		0.00225
March '14	May '14	13,601,244		1,078,817.99	42,638,562		3,198,283.73		0.07501		34.11.00	0.00307		0.00330
April '14	June '14		\$	857,959.09	38,821,566		2,883,844.22		0.07428			0.00234		0.00252
May '14	July '14	12,551,978		1,033,671.88	37,895,313		2,970,448.96	\$	0.07839			0.00645	\$	0.00693
June '14	Aug '14		\$	1,106,124.65	38,287,710		2,997,755.62		0.07830			0.00636		0.00683
July '14	Sept '14		\$	1,168,920.36	40,946,320		3,308,716.89		0.08081			0.00887	\$	0.00953
Aug '14	Oct '14	14,963,886		1,130,286.47	43,358,228	\$	3,405,331.48		0.07854			0.00660	\$	0.00709
Sept '14	Nov '14		\$	873,122.55	42,298,515	\$	3,172,329.38	\$	0.07500	\$ (0.07194)	\$	0.00306	\$	0.00329
Oct '14	Dec '14		\$	1,007,380.97	40,854,845	\$	3,010,789.99	\$	0.07369		-	0.00175	\$	0.00189
Nov '14	Jan '15	13,630,693	\$	1,048,435.47	39,521,652	\$	2,928,938.99	\$	0.07411	\$ (0.07194)	\$	0.00217	\$	0.00233
Dec '14	Feb '15		\$	1,077,557.19	40,617,941	\$	3,133,373.63	\$	0.07714			0.00520	\$	0.00559
Jan '15	March '15		\$*	1,036,847.14	42,475,644	\$	3,162,839.80	\$	0.07446	\$ (0.07194)	\$	0.00252	\$	0.00271
Feb '15	April '15	13,867,347	\$	960,357.18	42,712,298	\$	3,074,761.51	\$	0.07199	\$ (0.07194)	\$	0.00005	\$	0.00005
March '15	May '15		\$	1,003,564.83	42,526,343	\$	3,000,769.15	\$	0.07056	\$ (0.07194)	\$	(0.00138)	\$	(0.00148)
April '15	June '15	12,167,778	\$	886,097.15	39,879,387	\$	2,850,019.16	\$	0.07147	\$ (0.07194)	\$	(0.00047)	\$	(0.00051)
May '15	July '15	11,261,298	\$	881,002.83	37,273,338	\$	2,770,664.81	\$	0.07433	\$ (0.07194)	\$	0.00239	\$	0.00257
Jun '15	Aug '15	13,738,522	\$	916,655.51	37,167,598	\$	2,683,755.49	\$	0.07221	\$ (0.07194)	\$	0.00027	\$	0.00029
Jul '15	Sep '15	15,053,827	\$	979,654.01	40,053,647	\$	2,777,312.35	\$	0.06934	\$ (0.07194)	\$	(0.00260)	\$	(0.00280)
Aug '15	Oct '15	15,336,926	\$	965,909.05	44,129,275	\$	2,862,218.57	\$	0.06486	\$ (0.07194)	\$	(0.00708)	\$	(0.00761)
Sept '15	Nov '15	14,245,268	\$	1,020,249.35	44,636,021	\$	2,965,812.41	\$	0.06644		\$	(0.00550)	\$	(0.00591)
Oct '15	Dec '15			809,877.76	43,092,676		2,796,036.16		0.06488	\$ (0.07194)		(0.00706)		(0.00758)
Nov '15	Jan'16	13,060,476	\$	939,293.49	40,816,226	\$	2,769,420.60	\$	0.06785		\$	(0.00409)		(0.00440)
Dec '15	Feb'16	13,634,579	\$	863,769.64	40,205,537		2,612,940.89		0.06499		\$	(0.00695)		(0.00747)
Jan '16	Mar'16	14,813,772	\$	1,060,489.73	41,508,827	_			0.06899		\$	(0.00295)	\$	(0.00317)
Feb '16	Apr'16	13,961,098	\$	1,012,584.64	42,409,449	\$	2,936,844.01	\$	0.06925	\$ (0.07194)	\$	(0.00269)	\$	(0.00289)

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١	MBILLING UNITS URCHASED PC MONTH / YR FEBRUARY, 2016 APRIL, 2016	### Company of the co	SOLOO   SOLO	MONTH   JAY   MONTH   MUNICIPAL   PEAK	SELLING UNITS	SPILLING UNITS	BILLING UNITS   URCHASED POWER KWH AND COST ALLOCATIONS BY DEMAND & ENERGY:	BILLING UNITS   DIXCHASED POWER KWH AND COST ALLOCATIONS BY DEMAND & ENERGY:

BILLING SUMMARY AND CONS 2016 - APRIL BILLING WITH MARCH 2016 DATA								
PREVIOUS MONTH'S POWER BILLS - PL								
DATA PERIOD								
AMP-Ohio Bill Month								
City-System Data Month City-Monthly Billing Cycle								
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						EES & MISC. CO		
DUDGUAGED DOWED DECOUDOES	JV-5	JV-6	AMP SOLAR		the state of the s	SERVICE FEES		TOTAL -
PURCHASED POWER-RESOURCES -> (	HYDRO	WIND	PHASE 1	POWER PLANT	CHARGES	DISPATCH, A & B		ALL
	7x24 @ ATSI		SCHED. @ ATSI	<u>2014 - 2017</u>	Other Charges	Other Charges	LEVELIZATION	RESOURCES
Delivered kWh (On Peak) ->	2,149,248	59,083	100,709	0	0	0	0	14,047,03
Delivered kWh (Off Peak) ->								66,50
Delivered kWh (Replacement/Losses/Offset) ->	31,353							31,35
Delivered kWh/Sale (Credits) ->								-811,15
Net Total Delivered kWh as Billed ->	2,180,601	E0 002	400 700	^	***************************************		***************************************	***************************************
Percent % of Total Power Purchased->		59,083	100,709	0	. 0		0	13,333,74
1 6/06/11 70 01 10(a) FOWER FUICHASED->	16.3540%	0.4431%	0.7553%	0.0000%	0.0000%	0.0000%	0.0000%	100.00009
COST OF PURCHASED POWER:							Verification Total - >	100.00009
DEMAND CHARGES (+Debits)								
Demand Charges	\$35,332.94	\$1,576,48			\$106,050.51			\$204 400 A
Debt Services (Principal & Interest)	\$55,381.81	\$1,070.40			\$100,030.31			\$294,422.4
	\$00,001.01							\$281,473.8
DEMAND CHARGES (-Credits)								
Transmission Charges (Demand-Credits)	-\$10,807.34	-\$117.67						£44.44C.0
Capacity Credit	-\$33,531.82	-\$1,131.13						-\$41,116.9
capacity ordan	-\$00,001.02	-\$1,131.13	***************************************	*************	######################################	************************		-\$249,257.8
Sub-Total Demand Charges	\$46,375.59	\$327.68	\$0.00	\$0.00	\$106,050.51	\$0.00	\$0.00	\$285,521.50
ENERGY CHARGES (+Debits):								
Energy Charges - (On Peak)	\$55,210.55		\$8,560.27		\$4,732.47			4445 500 0
Energy Charges - (Replacement/Off Peak)	Ψ00,210.00		\$0,500.27		\$4,732.47			\$415,599.2
Net Congestion, Losses, FTR					-			\$1,994.9
Transmission Charges (Energy-Debits)								\$23,895.0
ESPP Charges				¢10.004.04				\$18,143.7
Bill Adjustments (General & Rate Levelization)				\$18,234.31				\$18,234.3
on Adjustments (General & Nate Levelization)								-\$32,985.2
ENERGY CHARGES (-Credits or Adjustments):								
Energy Charges - On Peak (Sale or Rate Stabilization)								-\$20,332.8
Net Congestion, Losses, FTR					2			\$0.0
Bill Adjustments (General & Rate Levelization)								-\$10,198.9
Sub-Total Energy Charges	\$55,210.55	\$0.00	\$8,560.27	\$49.224.24	64 700 47	60.00	80.00	******************
gy windgo	φυυ, <b>2 10.</b> 33	\$0.00	\$0,000.27	\$18,234.31	\$4,732.47	\$0.00	\$0.00	\$414,350.23
TRANSMISSION & SERVICE CHARGES, MISC.:							4	
RPM / PJM Charges Capacity - (+Debit)					\$302,026.75			\$302,026.7
RPM / PJM Charges Capacity - (-Credit)					Ψ002,020.73			\$302,026.7
Service Fees AMP-Dispatch Center - (+Debit/-Credit)						\$0.00		\$0.0
Service Fees AMP-Part A - (+Debit/-Credit)						\$2,921.91		
Service Fees AMP-Part B - (+Debit/-Credit)				*		\$7,764.25		\$2,921.9° \$7,764.2°
Other Charges & Bill Adjustments - (+Debit/-Credit)						91,104.25		\$7,764.23
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	¢0.00	60.00	\$202 02C 7F	\$40.000.40	40.00	
		\$0.00	\$0.00	\$0.00	\$302,026.75	\$10,686.16	\$0.00	\$312,712.91
TOTAL - ALL COSTS OF PURCHASED POWER	\$101,586.14	\$327.68	\$8,560.27	\$18,234.31	\$412,809.73	\$10,686.16	\$0.00	\$1,012,584.64
Purchased Power Resources - Cost per kWH->	\$0.046586	\$0.005546	\$0.085000	\$0,000,000	\$0,000000		/erification Total - >	\$1,012,584.64
aronados romas nesources - dost per kwm->	φυ.υ <del>4</del> υ300			\$0.000000	\$0.000000	<b>\$0.000000</b> kWH) = JV2 Electric	\$0.000000	\$0.075942
			ern Pool Power - (					-\$0.01467



AMERICAN MUNICIPAL POWER, INC.

1111 Schrock Rd, Suite 100

COLUMBUS, OHIO 43229

PHONE: (614) 540-1111

FAX: (614) 540-1078

INVOICE NUMBER:

191814

INVOICE DATE:

3/16/2016

**DUE DATE:** 

3/31/2016

TOTAL AMOUNT DUE:

\$864,226.09

CUSTOMER NUMBER:

5020

CUSTOMER P.O. #:

RG10046

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

City of Napoleon

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

Northern Power Pool Billing - February, 2016

MUNICIPAL PEAK: TOTAL METERED ENERGY:

23,490 kW 13,386,645 kWh DO NOT PAY - AMOUNT AUTOMATICALLY DEDUCTED FROM YOUR BANK ACCOUNT

EMAIL BILLING@AMPPARTNERS.ORG WITH ANY QUESTIONS

**Total Power Charges:** 

Total Transmission Charges:

Total Other Charges:

Total Miscellaneous Charges:

\$440,730.20

\$412,809.73

\$10,686.16

\$0.00

#### **GRAND TOTAL POWER INVOICE:**

\$864,226.09

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

#### NOTE: PLEASE SEE ENCLOSED BACKUP FOR MORE DETAILED INFORMATION

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

**Huntington National Bank** 

Columbus, Ohio

Account 0189-2204055 ABA: #044 000024

Mailing Address: AMP, Inc.

Dept. L614

Columbus, Oh 43260

BANK LOCK BOX DEPOSIT		AMOUNT
General Fund (010)	10	\$445,094.68
ECC (012)	12	
Combined Hydros (027)	27	\$0.00
AMPCT (025)	25	\$49,275.33
ESPP (016)	16	\$34,835.57
Meldahl Hydro (045)	45	\$18,234.31
AFEC (004)	4	\$4,138.16
AMPGS (009)	•	\$120,676.79
PSEC (013)	42	\$0.00
NapSolar (031)	13	\$183,410.98
Jv2 (062)	31	\$8,560.27
TOTAL DEPOSIT	62	\$0.00
TOTAL DEPOSIT		\$864 226 00

#### Napoleon

FOR THE MONTH OF:	February, 2016		Total Metered Load kWh: Transmission Losses kWh: Distribution Losses kWh:	13,386,64 -52,90
			Total Energy Req. kWh:	13,333,74
TIME OF FENTS PEAK:	02/11/2016 @ H.E. 20:00		COINCIDENT PEAK kW:	23,16
TIME OF MUNICIPAL PEAK:	02/10/2016 @ H.E. 19:00		MUNICIPAL PEAK kW:	23,49
TRANSMISSION PEAK:	July, 2015		TRANSMISSION PEAK kW:	30,30
			PJM Capacity Requirement kW:	28,31
lapoleon Resources		50,000		
MP CT - Sched @ ATSI				
Demand Charge:	\$2.809320	/ kW *	12,400 kW =	\$34,835.5
Transmission Credit:	\$2.391085	/ kW *	-12,400 kW =	-\$29,649.4
Capacity Credit: Subtotal	\$7.896662 #N/A	/ kW * / kWh *	-12,400 kW = 0 kWh =	-\$97,918.6 - <b>\$92,732.</b> 4
remont - sched @ Fremont	TIVA	7 KVVII	O RVIII -	-402,102.4
Demand Charge:	\$4.691658	/ kW *	8,767 kW =	\$41,131.7
Energy Charge:	\$0.025480	/ kWh *	4,915,362 kWh =	\$125,241.8
Net Congestion, Losses, FTR:	\$0.002294	/ kWh *		\$11,275.0
Capacity Credit:	\$10.312333	/ kW *	-8,767 kW =	-\$90,408.2
Debt Service Adjustment for prior month:	\$5.050719	/kW	8,767 kW	\$44,279.6
Adjustment for prior month.  Subtotal	\$0.026845	/ kWh *	4,915,362 kWh =	\$431.7 \$131,951.8
MP Hydro CSW - Sched @ PJMC	40.020040	, 1, 1, 1, 1	AND INJUNE ATTILL	\$101,001.C
Demand Charge:	\$5.186480	/ kW *	1,195 kW =	\$6,197.8
Energy Charge:	\$0.000135	/ kWh *	351,339 kWh =	\$47.4
Net Congestion, Losses, FTR:	\$0.003616	/ kWh *		\$1,270.
Capacity Credit:	\$1.827430	/ kW *	-1,195 kW =	-\$2,183.7
Debt Service	\$62.066316	/kW	1,195 kW	\$74,168.9
Board Approved Rate Levelization REC Credit (Estimate)				-\$28,252.4 -\$702.6
Subtotal	\$0.143866	/ kWh *	351,339 kWh =	\$50,545.9
eldahl Hydro - Sched @ Meldahl Bus	<b>\$0.14000</b>	7.1001	ovijeto kitili	400,040.0
Demand Charge:	\$8.198954	/ kW *	266 kW =	\$2,184.8
Energy Charge:	\$0.000140	/ kWh *	50,608 kWh =	\$7.0
Net Congestion, Losses, FTR:	\$0.002959	/ kWh *		\$149.7
Capacity Credit:	\$4.017633	/ kW *	-266 kW =	-\$1,070.6
Debt Service	\$30.592448	/kW	266 kW	\$8,152.3
Board Approved Rate Levelization REC Credit (Estimate)				-\$5,184.0 -\$101.2
Subtotal	\$0.081769	/ kWh *	50,608 kWh =	\$4,138.1
/6 - Sched @ ATSI	· · · · · · · · · · · · · · · · · · ·			
Demand Charge:			300 kW	
Energy Charge:			59,083 kWh	
Transmission Credit:	\$0.392233	/ kW *	-300 kW =	-\$117.6
Capacity Credit:	\$3.770433 - <b>\$0.021136</b>	/ kW * / kWh *	-300 kW = 59,083 kWh =	-\$1,131.1 - <b>\$1,248.</b> 8
Subtotal				
Subtotal rairie State - Sched @ PJMC	-\$0.021136	/ KVVII	38,003 KYVII -	\$ 1,2 TO.
Subtotal rairie State - Sched @ PJMC Demand Charge:	\$11.826988	/ kW *	4,976 kW =	
rairie State - Sched @ PJMC		#	company control of	\$58,851.0
rairie State - Sched @ PJMC Demand Charge: Energy Charge: Net Congestion, Losses, FTR:	\$11.826988 \$0.011598 \$0.003097	/ kW * / kWh * / kWh *	4,976 kW = 2,913,437 kWh =	\$58,851.0 \$33,789.0 \$9,022.6
rairie State - Sched @ PJMC Demand Charge: Energy Charge: Net Congestion, Losses, FTR: Capacity Credit:	\$11.826988 \$0.011598 \$0.003097 \$2.913857	/ kW * / kWh * / kW *	4,976 kW = 2,913,437 kWh = -4,976 kW =	\$58,851.0 \$33,789.0 \$9,022.6 -\$14,499.3
rairie State - Sched @ PJMC Demand Charge: Energy Charge: Net Congestion, Losses, FTR: Capacity Credit: Debt Service	\$11.826988 \$0.011598 \$0.003097 \$2.913857 \$19.994180	/ kW * / kWh * / kWh *	4,976 kW = 2,913,437 kWh =	\$58,851.0 \$33,789.0 \$9,022.6 -\$14,499.3
rairie State - Sched @ PJMC  Demand Charge: Energy Charge: Net Congestion, Losses, FTR: Capacity Credit: Debt Service Transmission from PSEC to PJM/MISO, including non-Prai	\$11.826988 \$0.011598 \$0.003097 \$2.913857 \$19.994180	/ kW * / kWh * / kWh * / kW *	4,976 kW = 2,913,437 kWh = -4,976 kW = 4,976 kW	\$58,851.0 \$33,789.0 \$9,022.6 -\$14,499.3 \$99,491.0
rairie State - Sched @ PJMC  Demand Charge: Energy Charge: Net Congestion, Losses, FTR: Capacity Credit: Debt Service Transmission from PSEC to PJM/MISO, including non-Prai variable charges/credits	\$11.826988 \$0.011598 \$0.003097 \$2.913857 \$19.994180	/ kW * / kWh * / kW *	4,976 kW = 2,913,437 kWh = -4,976 kW =	\$58,851.0 \$33,789.0 \$9,022.6 -\$14,499.3 \$99,491.0
rairie State - Sched @ PJMC  Demand Charge: Energy Charge: Net Congestion, Losses, FTR: Capacity Credit: Debt Service Transmission from PSEC to PJM/MISO, including non-Prai	\$11.826988 \$0.011598 \$0.003097 \$2.913857 \$19.994180	/ kW * / kWh * / kWh * / kW *	4,976 kW = 2,913,437 kWh = -4,976 kW = 4,976 kW	\$58,851.0 \$33,789.0 \$9,022.6 -\$14,499.3 \$99,491.0 \$18,143.1 -\$12,364.8
rairie State - Sched @ PJMC Demand Charge: Energy Charge: Net Congestion, Losses, FTR: Capacity Credit: Debt Service Transmission from PSEC to PJM/MISO, including non-Prai variable charges/credits Board Approved Rate Levelization	\$11.826988 \$0.011598 \$0.003097 \$2.913857 \$19.994180 irie State \$0.006228	/ kW * / kWh * / kW * / kW * / kW * / kW	4,976 kW = 2,913,437 kWh = -4,976 kW = 4,976 kW 2,913,437 kWh	\$58,851.0 \$33,789.0 \$9,022.6 -\$14,499.3 \$99,491.0 \$18,143.1 -\$12,364.8
rairie State - Sched @ PJMC  Demand Charge: Energy Charge: Net Congestion, Losses, FTR: Capacity Credit: Debt Service Transmission from PSEC to PJM/MISO, including non-Prai variable charges/credits Board Approved Rate Levelization  Subtotal  YPA - Sched @ NYIS Demand Charge:	\$11.826988 \$0.011598 \$0.003097 \$2.913857 \$19.994180 irie State \$0.006228 \$0.066050	/ kW * / kWh * / kWh * / kW * / kW / kWh / kWh	4,976 kW = 2,913,437 kWh = -4,976 kW = 4,976 kW = 2,913,437 kWh = 943 kW =	\$58,851.0 \$33,789,022.6 \$14,499. \$99,491.0 \$18,143. -\$12,364.3 \$192,433.0
rairie State - Sched @ PJMC  Demand Charge: Energy Charge: Net Congestion, Losses, FTR: Capacity Credit: Debt Service Transmission from PSEC to PJM/MISO, including non-Praivariable charges/credits Board Approved Rate Levelization  Subtotal  YPA - Sched @ NYIS Demand Charge: Energy Charge:	\$11.826988 \$0.011598 \$0.003097 \$2.913857 \$19.994180 irie State \$0.006228	/ kW * / kWh * / kWh * / kW * / kW / kWh	4,976 kW = 2,913,437 kWh = -4,976 kW = 4,976 kW 2,913,437 kWh 2,913,437 kWh =	\$58,851.0 \$33,789,022.6 \$14,499. \$99,491.0 \$18,143. -\$12,364.3 \$192,433.0
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rairie State - Sched @ PJMC Demand Charge: Energy Charge: Net Congestion, Losses, FTR: Capacity Credit: Debt Service Transmission from PSEC to PJM/MISO, including non-Praivariable charges/credits Board Approved Rate Levelization  Subtotal  YPA - Sched @ NYIS Demand Charge: Energy Charge: Net Congestion, Losses, FTR: Capacity Credit: Adjustment for prior month:  Subtotal  15 - TX24 @ ATSI Demand Charge: Energy Charge: Transmission Credit: Capacity Credit:  Subtotal	\$11.826988 \$0.011598 \$0.003097 \$2.913857 \$19.994180 irie State \$0.006228 \$0.066050 \$7.872906 \$0.017065 \$0.001162 \$7.567444 \$0.024997 \$3.499786 \$10.858750 -\$0.020630	/ kW * / kWh * / kW * / kWh / kWh / kWh / kWh / kWh *	4,976 kW = 2,913,437 kWh = -4,976 kW 2,913,437 kWh 2,913,437 kWh = 943 kW = 529,267 kWh = -900 kW =  529,267 kWh = 3,088 kW 2,149,248 kWh -3,088 kW = 2,149,248 kWh = 31,353 kWh	\$58,851,0 \$33,789,0 \$9,022,6 -\$14,499,\$99,491,0 \$18,143,- -\$12,364,\$ \$192,433,0 \$615,- -\$6,810,- \$2,969,\$ \$13,229,0 -\$10,807,- -\$33,531,8 -\$44,339,0
rairie State - Sched @ PJMC  Demand Charge: Energy Charge: Net Congestion, Losses, FTR: Capacity Credit: Debt Service Transmission from PSEC to PJM/MISO, including non-Praivariable charges/credits Board Approved Rate Levelization  Subtotal  YPA - Sched @ NYIS Demand Charge: Energy Charge: Net Congestion, Losses, FTR: Capacity Credit: Adjustment for prior month:  Subtotal  //5 - TX24 @ ATSI Demand Charge: Energy Charge: Energy Charge: Energy Charge: Transmission Credit: Capacity Credit: Subtotal  //5 Losses - Sched @ ATSI Energy Charge: Energy Charge: Transmission Credit: Capacity Credit: Subtotal	\$11.826988 \$0.011598 \$0.003097 \$2.913857 \$19.994180 irie State \$0.006228 \$0.066050 \$7.872906 \$0.017065 \$0.001162 \$7.567444 \$0.024997	/ kW * / kWh * / kWh * / kWh / kWh / kWh / kWh / kWh * / kWh * / kWh * / kWh *	4,976 kW = 2,913,437 kWh = -4,976 kW 2,913,437 kWh 2,913,437 kWh = 943 kW = 529,267 kWh = -900 kW =  529,267 kWh = 3,088 kW 2,149,248 kWh -3,088 kW = -3,088 kW =	\$58,851, \$33,789, \$9,022, -\$14,499, \$99,491, \$18,143, -\$12,364, \$192,433, \$7,424, \$9,031, \$615, -\$6,810, \$2,969, \$13,229, -\$10,807, -\$33,531, -\$44,339,
rairie State - Sched @ PJMC  Demand Charge: Energy Charge: Net Congestion, Losses, FTR: Capacity Credit: Debt Service Transmission from PSEC to PJM/MISO, including non-Praivariable charges/credits Board Approved Rate Levelization  Subtotal  YPA - Sched @ NYIS Demand Charge: Energy Charge: Net Congestion, Losses, FTR: Capacity Credit: Adjustment for prior month:  Subtotal  15 - 7X24 @ ATSI Demand Charge: Energy Charge: Transmission Credit: Capacity Credit: Subtotal  15 Losses - Sched @ ATSI Energy Charge: Subtotal  15 Losses - Sched @ ATSI Energy Charge: Subtotal	\$11.826988 \$0.011598 \$0.003097 \$2.913857 \$19.994180 irie State \$0.006228 \$0.066050 \$7.872906 \$0.017065 \$0.001162 \$7.567444 \$0.024997 \$3.499786 \$10.858750 -\$0.020630	/ kW * / kWh *	4,976 kW = 2,913,437 kWh = 4,976 kW 2,913,437 kWh 2,913,437 kWh = 943 kW = 529,267 kWh = -900 kW =  529,267 kWh = 3,088 kW 2,149,248 kWh -3,088 kW = -3,088 kW = -3,1353 kWh 31,353 kWh =	\$58,851, \$33,789, \$9,022, -\$14,499, \$99,491, \$18,143, -\$12,364, \$192,433, \$7,424, \$9,031, \$615, -\$6,810, \$2,969, \$13,229, -\$10,807, -\$33,531, -\$44,339,
rairie State - Sched @ PJMC  Demand Charge: Energy Charge: Net Congestion, Losses, FTR: Capacity Credit: Debt Service Transmission from PSEC to PJM/MISO, including non-Praivariable charges/credits Board Approved Rate Levelization  Subtotal  YPA - Sched @ NYIS Demand Charge: Energy Charge: Net Congestion, Losses, FTR: Capacity Credit: Adjustment for prior month:  Subtotal  /5 - 7X24 @ ATSI Demand Charge: Energy Charge: Transmission Credit: Capacity Credit: Subtotal  /5 Losses - Sched @ ATSI Energy Charge: Subtotal  /2 - Sched @ ATSI Demand Charge: Energy Charge: Energy Charge: Subtotal	\$11.826988 \$0.011598 \$0.003097 \$2.913857 \$19.994180 irie State \$0.006228 \$0.066050 \$7.872906 \$0.017065 \$0.001162 \$7.567444 \$0.024997 \$3.499786 \$10.858750 -\$0.020630	/ kW * / kWh *	4,976 kW = 2,913,437 kWh = 4,976 kW 2,913,437 kWh 2,913,437 kWh = 943 kW = 529,267 kWh = -900 kW =  529,267 kWh = 3,088 kW 2,149,248 kWh -3,088 kW = 2,149,248 kWh = 31,353 kWh 31,353 kWh =	\$58,851.0 \$33,789.0 \$9,022.6 -\$14,499.3 \$99,491.0 \$18,143.7 -\$12,364.5 \$192,433.6 \$7,424 \$9,031.7 \$615.7 -\$6,810.7 \$2,969.2 \$13,229.8 -\$10,807.3 -\$33,531.8 -\$44,339.7
rairie State - Sched @ PJMC  Demand Charge: Energy Charge: Net Congestion, Losses, FTR: Capacity Credit: Debt Service Transmission from PSEC to PJM/MISO, including non-Praivariable charges/credits Board Approved Rate Levelization  Subtotal  YPA - Sched @ NYIS Demand Charge: Energy Charge: Net Congestion, Losses, FTR: Capacity Credit: Adjustment for prior month:  Subtotal  /5 - 7X24 @ ATSI Demand Charge: Energy Charge: Transmission Credit: Capacity Credit: Subtotal  /5 Losses - Sched @ ATSI Energy Charge: Energy Charge: Subtotal  /2 - Sched @ ATSI Demand Charge: Energy Charge: Transmission Credit: Capacity Credit: Capacity Credit: Subtotal	\$11.826988 \$0.011598 \$0.03097 \$2.913857 \$19.994180 irie State \$0.006228 \$0.066050 \$7.872906 \$0.017065 \$0.001162 \$7.567444 \$0.024997 \$3.499786 \$10.858750 \$0.020630 #NI/A	/ kW * / kWh * / kW * / kWh * / kW * / kWh *	4,976 kW = 2,913,437 kWh = 4,976 kW 2,913,437 kWh 2,913,437 kWh = 943 kW = 529,267 kWh = -900 kW =  529,267 kWh = 3,088 kW 2,149,248 kWh -3,088 kW = 2,149,248 kWh = 31,353 kWh 31,353 kWh = 264 kW 388 kWh = -264 kW	\$58,851.0 \$33,789.0 \$9,022.6 -\$14,499.3 \$99,491.0 \$18,143.7 -\$12,364.5 \$192,433.6 \$7,424.1 \$9,031.7 \$615.1 -\$6,810.7 \$2,969.4 \$13,229.6 -\$10,807.3 -\$33,531.6 -\$44,339.1
rairie State - Sched @ PJMC  Demand Charge: Energy Charge: Net Congestion, Losses, FTR: Capacity Credit: Debt Service Transmission from PSEC to PJM/MISO, including non-Praivariable charges/credits Board Approved Rate Levelization  Subtotal  YPA - Sched @ NYIS Demand Charge: Energy Charge: Net Congestion, Losses, FTR: Capacity Credit: Adjustment for prior month:  Subtotal  /5 - 7X24 @ ATSI Demand Charge: Energy Charge: Transmission Credit: Capacity Credit: Subtotal  /5 Losses - Sched @ ATSI Energy Charge: Subtotal  /2 - Sched @ ATSI Demand Charge: Energy Charge: Energy Charge: Subtotal	\$11.826988 \$0.011598 \$0.003097 \$2.913857 \$19.994180 irie State \$0.006228 \$0.066050 \$7.872906 \$0.017065 \$0.001162 \$7.567444 \$0.024997 \$3.499786 \$10.858750 -\$0.020630	/ kW * / kWh *	4,976 kW = 2,913,437 kWh = 4,976 kW 2,913,437 kWh 2,913,437 kWh = 943 kW = 529,267 kWh = -900 kW =  529,267 kWh = 3,088 kW 2,149,248 kWh -3,088 kW = 2,149,248 kWh = 31,353 kWh 31,353 kWh =	\$58,851.0 \$33,789.0 \$9,022.6 -\$14,499.3 \$99,491.0 \$18,143.7 -\$12,364.5 <b>\$192,433.6</b> \$7,424.1 \$9,031.7 \$615.1 -\$6,810.7 \$2,969.4 \$13,229.8 \$13,229.8 \$13,229.8 \$13,229.8

#### DETAIL INFORMATION OF POWER CHARGES February , 2016

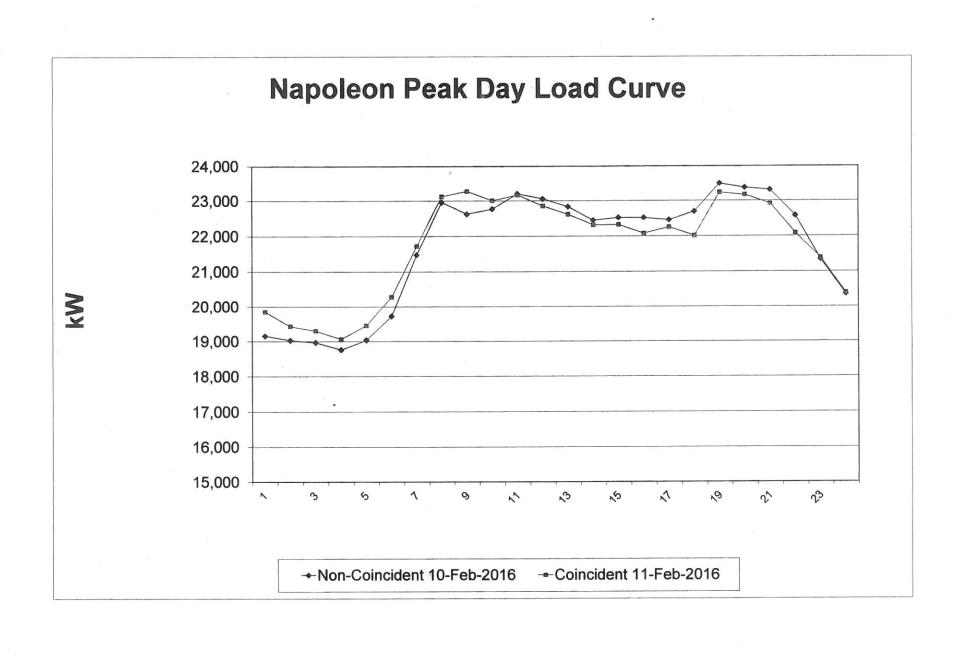
#### Napoleon

GRAND TOTAL POWER INVOICE:				\$864,226.09
CRANK TOTAL BOWEN INVALOR				\$10,000.1
TOTAL OTHER CHARGES:				\$10,686.1
Energy Purchases	\$0.000580	/kWh *	13,386,645 kWh =	\$7,764.2
Service Fee Part B.	Ţ5.000ZZ	, m	135,112,365 KVVII 1/12 =	\$2,921.9
Based on Annual Municipal Sales	\$0.000229	/ kWh *	153,112,965 kWh 1/12 =	60.004
Service Fee Part A,				
TOTAL TRANSMISSION CHARGES:	\$0.036909	/ kWh *	11,184,492 kWh =	\$412,809.7
RPM (Capacity) Charges: TOTAL TRANSMISSION CHARGES:	\$10.667800	/ kW *	28,312 kW =	\$302,026.7
Energy Charge:	\$0.000423	/ kWh *	11,184,492 kWh =	\$4,732.4
Demand Charge:	\$3.499786	/ kW *	30,302 kW =	\$106,050.5
TRANSMISSION CHARGES:				
Total Power Charges:			13,333,740 kWh	\$440,730.2
Total Energy Charges:				\$354,387.
Total Demand Charges:				\$86,342.5
Subtotal	\$0.014226	/ kWh *	-411,854 kWh =	-\$5,858.9
Sale of Excess Non-Pool Resources to Pool	\$0.025067	/ kWh *	-811,150 kWh =	-\$20,332.
Off Peak Energy Charge:	\$0.029997	/ kWh *	66,505 kWh =	\$12,478.9 \$1,994.9
Northern Power Pool: On Peak Energy Charge: (M-F HE 08-23 EDT)	\$0.037498	/ kWh *	332,791 kWh =	240,470
Subtotal	#N/A	/ kWh *	0 kWh =	\$18,234.
ESPP 2014-2017 obligation @ \$1.400 /MWh x 156,294.1 MWh / 12				\$18,234.0
Efficiency Smart Power Plant 2014-2017			2,044,000 RF611 -	\$100,051.
Subtotal	\$0.063541	/ kWh *	2,644,800 kWh =	\$1,561. \$168,051.
Net Congestion, Losses, FTR:	\$0.002550	/ kWh *	2,844,800 KVVII =	\$166,490.
Energy Charge:	\$0.062950	/ kWh *	3,800 kW 2,644,800 kWh =	
Demand Charge:			2 000 114/	
Morgan Stanley 2015-2020 - 7x24 @ AD	\$0.085000	/ kWh *	100,709 kWh =	\$8,560.
Subtotal			100,709 kWh =	\$8,560.
Energy Charge:	\$0.085000	/ kWh *	100 700 110/6 -	40.00

Napoleon	Capacity Plan - Actual										
Feb 20	<b>16</b> AC	TUAL DEMAND =	23.490	MW							
Days 2	9 AC	TUAL ENERGY =	13,387	мwн							
•				1	DEMAND	<b>ENERGY</b>				EFFECTIVE	%
		DEMAND	<b>ENERGY</b>	LOAD	RATE	RATE	DEMAND	<b>ENERGY</b>	TOTAL	RATE	OF
	SOURCE	MW	MWH	<b>FACTOR</b>	\$/KW	\$/MWH	CHARGE	CHARGE	CHARGES	\$/MWH	DOLLAR
	(1)	(2)	(4)	(5)	(6)	(7)	(9)	(10)	(11)	(12)	(13)
1	NPP Pool Purchases	0.00	399	0%	\$0.00	\$36.25	\$0	\$14,474	\$14,474	\$36.25	1.4%
2	NPP Pool Sales	0.00	-811	0%	\$0.00	\$25.07	\$0	-\$20,333	-\$20,333	\$25.07	-2.0%
3	AFEC	8.77	4,915	81%	-\$0.52	\$27.77	-\$4,565	\$136,517	\$131,952	\$26.84	13.1%
4	Prairie State	4.98	2,913	84%	\$26.42	\$20.92	\$131,478	\$60,955	\$192,434	\$66.05	19.1%
5	NYPA - Ohio	0.94	529	81%	\$0.65	\$23.84	\$613	\$12,616	\$13,230	\$25.00	1.3%
6	JV5	3.09	2,149	100%	\$15.02	\$25.69	\$46,376	\$55,211	\$101,586	\$47.27	10.1%
7	JV5 Losses	0.00	31	0%	\$0.00	\$0.00	\$0	\$0	\$0	\$0.00	0.0%
8	AMP-Hydro	1.20	351	42%	\$41.19	\$3.75	\$49,228	\$1,318	\$50,546	\$143.87	5.0%
9	Meldahl .	0.27	51	27%	\$14.94	\$3.10	\$3,981	\$157	\$4,138	\$81.77	0.4%
10	JV6	0.30	59	28%	\$1.09	\$0.00	\$328	\$0	\$328	\$5.55	0.0%
11	AMP Solar Phase I	1.04	101	14%	\$0.00	\$85.00	\$0	\$8,560	\$8,560	\$85.00	0.8%
12	Morgan Stanley 2015-2020 7x24	3.80	2,645	100%	\$0.00	\$63.54	\$0	\$168,052	\$168,052	\$63.54	16.6%
13	AMPCT	12.40	0	0%	-\$7.48	\$0.00	-\$92,732	\$0	-\$92,732	\$0.00	-9.2%
14	JV2	0.26	0	0%	-\$5.26	\$25.00	-\$1,389	\$10	-\$1,380	-\$3,552.24	-0.1%
	POWER TOTAL	37.04	13,334	52%			\$133,317	\$437,537	\$570,854	\$42.81	56.5%
15	Energy Efficiency		0	200	\$0.00	\$0.00	\$0	\$18,234	\$18,234	\$0.00	1.8%
16	Installed Capacity	28.31	2.75		\$10.67		\$302,027	\$0	\$302,027	\$22.56	29.9%
17	TRANSMISSION	30.30	11,184		\$3.50	\$0.42	\$106,051	\$4,732	\$110,783	\$8.28	11.0%
18	Distribution Charge	23.49	1		\$0.00	\$0.00	\$0	\$0	\$0	\$0.00	0.0%
19	Service Fee B		13,387	1 '		\$0.58		\$7,764	\$7,764	\$0.58	0.8%
20	Dispatch Charge		13,387			\$0.00		\$0	\$0	\$0.00	0.0%
	OTHER TOTAL						\$408,077	\$30,731	\$438,808	\$32.78	43.5%
<b>GRAND TOTAL PURCH</b>	ASED		13,334				\$541,395	\$468,268	\$1,009,663		
Delivered to members		23.490	13,387	82%			\$541,395	\$468,268	\$1,009,663	\$75.42	100.0%
		DEMAND	ENERGY	L.F.					TOTAL \$	\$/MWh	Avg Tem
	2016 Forecast	25.49	13,682	77%					\$1,142,569	\$83.51	28.3
	2015 Actual	25.71	13,980	78%					\$947,420	\$67.77	12.4
	2014 Actual	25.43	13,649	77%					\$925,058	\$67.77	17.7
									Actual Temp		31.4

-		Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	
Date Hour	2/1/2016	2/2/2016	2/3/2016	2/4/2016	2/5/2016	2/6/2016		2/8/2016	2/9/2016					2/14/2016	2/15/2016	
100	16,204	18,221	17,388	18,188	19,011	16,124	15,613	16,442	17,962	19,161	19,863	19,944	18,363	17,421	18,942	
200	15,915	17,718	16,883	17,723	18,723	15,507	15,198	15,971	17,618	19,033	19,438	19,492	18,074	17,120	18,823	
300	15,782	17,580	16,601	17,472	18,480	15,504	15,000	15,801	17,585	18,971	19,306	19,660	18,141	16,904	18,663	
400	15,706	17,547	16,439	17,344	18,138	15,455	14,913	15,780	17,468	18,763	19,062	19,211	18,060	16,714	18,563	
500	16,366	17,981	16,662	17,787	18,639	15,585	14,793	16,190	17,886	19,041	19,462	19,293	17,992	16,830	19,027	
600	17,314	18,964	17,309	18,621	19,538	15,816	14,908	17,575	18,916	19,730	20,280	19,911	18,381	17,093	19,496	
700	19,514	20,420	18,732	20,162	21,327	16,800	15,359	19,427	20,555	21,481	21,722	21,536	18,993	17,367	20,627	
800	21,222	21,694	20,209	21,810	22,633	18,022	16,032	21,064	22,077	22,963	23,124	22,843	19,922	18,025	21,936	
900	20,981	21,521	20,340	21,897	22,171	18,201	16,130	21,272	21,858	22,629	23,274	22,815	20,271	18,030	22,089	
1000	21,203	21,656	20,182	22,042	22,015	18,303	16,596	21,311	22,224	22,771	23,008	22,987	20,431	18,243	22,693	
1100	21,087	21,713	19,959	22,118	21,965	18,145	16,626	21,225	22,033	23,204	23,166	22,959	20,345	18,353	23,061	
1200	20,915	21,391	20,006	22,200	21,766	18,052	16,346	21,209	22,094	23,059	22,854	22,819	20,002	18,286	22,745	
1300	20,611	21,341	19,888	22,389	21,319	17,788	16,243	20,864	22,043	22,833	22,617	22,448	19,849	18,296	22,832	
1400	20,363	21,228	19,874	22,358	20,938	17,160	16,039	20,534	22,077	22,449	22,317	22,595	19,497	18,379	22,664	
1500	19,659	20,883	19,961	21,876	20,652	16,585	16,091	20,288	21,835	22,525	22,322	22,167	19,071	18,084	22,136	
1600	19,471	20,515	20,037	21,439	20,110	16,361	16,275	20,410	21,604	22,521	22,077	21,847	18,808	18,480	21,954	
1700	19,422	21,264	20,602	22,011	20,076	16,323	16,482	20,590	22,149	22,457	22,254	21,752	19,090	18,992	21,669	
1800	19,910	21,704	21,142	22,205	20,214	16,491	16,884	20,369	22,471	22,700	22,013	21,778	18,903	19,349	21,858	
1900	21,514	22,041	21,802	22,885	20,928	17,331	17,843	21,567	23,118	23,490	23,236	22,699	19,956	20,447	22,709	
2000	21,410	21,388	21,406	22,537	20,594	17,439	17,340	21,371	22,789	23,371	23,167	22,640	19,791	20,583	22,535	
2100	20,992	20,897	20,940	22,075	20,517	17,258	17,158	21,387	22,694	23,311	22,924	22,424	19,780	19,971	22,172	
2200	20,168	20,158	20,402	21,146	20,102	17,124	16,939	20,629	21,703	22,579	22,083	21,941	19,448	19,973	21,401	
2300	19,091	19,107	19,290	19,988	18,924	16,548	16,595	19,505	20,682	21,347	21,391	20,586	18,817	19,564	20,380	
2400	18,494	18,054	18,579	19,200	17,407	15,932	16,462	18,418	19,647	20,359	20,397	19,734	18,057	19,311	19,203	
otal	463,314	484,986	464,633	497,473	468,780	403,854	387,865	469,199	501,088	520,748	521,357	516,081	460,042	441,815	508,178	
1	uesdav \	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	vehsenhe\/\	Thursday	Eriday	Saturday	Sunday	Monday	Tuonday	Modpor
ate	uesday \ 2/16/2016	Wednesday 2/17/2016	Thursday 2/18/2016	Friday 2/19/2016	Saturday 2/20/2016	Sunday 2/21/2016	Monday 2/22/2016	Tuesday 2/23/2016	Wednesday 2/24/2016	Thursday 2/25/2016	Friday 2/26/2016	Saturday 2/27/2016	Sunday 2/28/2016	Monday 2/29/2016	Tuesday 3/1/2016	Wednes
ate our	2/16/2016	2/17/2016	2/18/2016	2/19/2016	2/20/2016	2/21/2016	2/22/2016	2/23/2016	2/24/2016	2/25/2016	2/26/2016	2/27/2016	2/28/2016			
ate our 100	2/16/2016 18,814	2/17/2016 18,745	2/18/2016 19,044	2/19/2016 18,371	2/20/2016 14,603	2/21/2016 13,703	2/22/2016 16,067	2/23/2016 18,124	2/24/2016	2/25/2016 18,206	2/26/2016 18,802	2/27/2016 16,248	2/28/2016 14,185			
ate our 100 200	2/16/2016 18,814 18,146	2/17/2016 18,745 18,213	2/18/2016 19,044 18,703	2/19/2016 18,371 18,006	2/20/2016 14,603 13,903	2/21/2016 13,703 13,212	2/22/2016 16,067 15,934	2/23/2016 18,124 17,770	2/24/2016 18,249 17,854	2/25/2016 18,206 17,948	2/26/2016 18,802 18,005	2/27/2016 16,248 15,504	2/28/2016 14,185 13,821	2/29/2016 14,849 14,724		
100 200 300	2/16/2016 18,814 18,146 18,148	2/17/2016 18,745 18,213 18,098	2/18/2016 19,044 18,703 18,802	2/19/2016 18,371 18,006 17,700	2/20/2016 14,603 13,903 13,727	2/21/2016 13,703 13,212 13,044	2/22/2016 16,067 15,934 15,864	2/23/2016 18,124 17,770 17,791	2/24/2016	2/25/2016 18,206	2/26/2016 18,802	2/27/2016 16,248	2/28/2016 14,185	2/29/2016 14,849		
100 200 300 400	2/16/2016 18,814 18,146 18,148 17,829	2/17/2016 18,745 18,213 18,098 17,785	2/18/2016 19,044 18,703 18,802 18,513	2/19/2016 18,371 18,006 17,700 17,398	2/20/2016 14,603 13,903 13,727 13,508	2/21/2016 13,703 13,212 13,044 12,926	2/22/2016 16,067 15,934 15,864 16,118	2/23/2016 18,124 17,770 17,791 17,922	2/24/2016 18,249 17,854 17,794 17,677	2/25/2016 18,206 17,948 18,205 18,122	2/26/2016 18,802 18,005	2/27/2016 16,248 15,504	2/28/2016 14,185 13,821	2/29/2016 14,849 14,724		
100 200 300 400 500	2/16/2016 18,814 18,146 18,148 17,829 18,203	2/17/2016 18,745 18,213 18,098 17,785 18,071	2/18/2016 19,044 18,703 18,802 18,513 19,173	2/19/2016 18,371 18,006 17,700 17,398 17,611	2/20/2016 14,603 13,903 13,727	2/21/2016 13,703 13,212 13,044	2/22/2016 16,067 15,934 15,864	2/23/2016 18,124 17,770 17,791	2/24/2016 18,249 17,854 17,794	2/25/2016 18,206 17,948 18,205	2/26/2016 18,802 18,005 17,913	2/27/2016 16,248 15,504 15,427	2/28/2016 14,185 13,821 13,566	2/29/2016 14,849 14,724 15,006		
100 200 300 400 500 600	2/16/2016 18,814 18,146 18,148 17,829 18,203 19,167	2/17/2016 18,745 18,213 18,098 17,785 18,071 18,847	2/18/2016 19,044 18,703 18,802 18,513 19,173 19,757	2/19/2016 18,371 18,006 17,700 17,398 17,611 18,506	2/20/2016 14,603 13,903 13,727 13,508 13,698 14,206	2/21/2016 13,703 13,212 13,044 12,926	2/22/2016 16,067 15,934 15,864 16,118	2/23/2016 18,124 17,770 17,791 17,922	2/24/2016 18,249 17,854 17,794 17,677	2/25/2016 18,206 17,948 18,205 18,122	2/26/2016 18,802 18,005 17,913 17,937	2/27/2016 16,248 15,504 15,427 15,266	2/28/2016 14,185 13,821 13,566 13,202	2/29/2016 14,849 14,724 15,006 15,040		
100 200 300 400 500 600 700	2/16/2016 18,814 18,146 18,148 17,829 18,203 19,167 20,769	2/17/2016 18,745 18,213 18,098 17,785 18,071 18,847 20,411	2/18/2016 19,044 18,703 18,802 18,513 19,173 19,757 21,501	2/19/2016 18,371 18,006 17,700 17,398 17,611 18,506 20,179	2/20/2016 14,603 13,903 13,727 13,508 13,698 14,206 15,073	2/21/2016 13,703 13,212 13,044 12,926 13,091	2/22/2016 16,067 15,934 15,864 16,118 16,440	2/23/2016 18,124 17,770 17,791 17,922 18,030	2/24/2016 18,249 17,854 17,794 17,677 18,001	2/25/2016 18,206 17,948 18,205 18,122 18,335	2/26/2016 18,802 18,005 17,913 17,937 18,115	2/27/2016 16,248 15,504 15,427 15,266 15,341	2/28/2016 14,185 13,821 13,566 13,202 13,156	2/29/2016 14,849 14,724 15,006 15,040 15,660		
100 200 300 400 500 600 700 800	2/16/2016 18,814 18,146 18,148 17,829 18,203 19,167 20,769 21,966	2/17/2016 18,745 18,213 18,098 17,785 18,071 18,847 20,411 21,609	2/18/2016 19,044 18,703 18,802 18,513 19,173 19,757 21,501 22,758	2/19/2016 18,371 18,006 17,700 17,398 17,611 18,506 20,179 21,209	2/20/2016 14,603 13,903 13,727 13,508 13,698 14,206 15,073 15,759	2/21/2016 13,703 13,212 13,044 12,926 13,091 13,543 14,114 14,619	2/22/2016 16,067 15,934 15,864 16,118 16,440 17,561 19,589 20,831	2/23/2016 18,124 17,770 17,791 17,922 18,030 18,876	2/24/2016 18,249 17,854 17,794 17,677 18,001 18,884 20,532 22,006	2/25/2016 18,206 17,948 18,205 18,122 18,335 19,239	2/26/2016 18,802 18,005 17,913 17,937 18,115 18,939	2/27/2016 16,248 15,504 15,427 15,266 15,341 15,990	2/28/2016 14,185 13,821 13,566 13,202 13,156 13,701	2/29/2016 14,849 14,724 15,006 15,040 15,660 16,889		
100 200 300 400 500 600 700 800 900	2/16/2016 18,814 18,146 18,148 17,829 18,203 19,167 20,769 21,966 21,733	2/17/2016 18,745 18,213 18,098 17,785 18,071 18,847 20,411 21,609 21,560	2/18/2016 19,044 18,703 18,802 18,513 19,173 19,757 21,501 22,758 22,670	2/19/2016 18,371 18,006 17,700 17,398 17,611 18,506 20,179 21,209 20,777	2/20/2016 14,603 13,903 13,727 13,508 13,698 14,206 15,073 15,759 16,149	2/21/2016 13,703 13,212 13,044 12,926 13,091 13,543 14,114	2/22/2016 16,067 15,934 15,864 16,118 16,440 17,561 19,589	2/23/2016 18,124 17,770 17,791 17,922 18,030 18,876 20,532	2/24/2016 18,249 17,854 17,794 17,677 18,001 18,884 20,532	2/25/2016 18,206 17,948 18,205 18,122 18,335 19,239 20,441	2/26/2016 18,802 18,005 17,913 17,937 18,115 18,939 20,605	2/27/2016 16,248 15,504 15,427 15,266 15,341 15,990 16,708	2/28/2016 14,185 13,821 13,566 13,202 13,156 13,701 14,231	2/29/2016 14,849 14,724 15,006 15,040 15,660 16,889 18,989		
100 200 300 400 500 600 700 800 900 1000	2/16/2016 18,814 18,146 18,148 17,829 18,203 19,167 20,769 21,966 21,733 22,034	2/17/2016 18,745 18,213 18,098 17,785 18,071 18,847 20,411 21,609 21,560 21,948	2/18/2016 19,044 18,703 18,802 18,513 19,173 19,757 21,501 22,758 22,670 22,463	2/19/2016 18,371 18,006 17,700 17,398 17,611 18,506 20,179 21,209 20,777 20,757	2/20/2016 14,603 13,903 13,727 13,508 13,698 14,206 15,073 15,759	2/21/2016 13,703 13,212 13,044 12,926 13,091 13,543 14,114 14,619	2/22/2016 16,067 15,934 15,864 16,118 16,440 17,561 19,589 20,831	2/23/2016 18,124 17,770 17,791 17,922 18,030 18,876 20,532 21,663	2/24/2016 18,249 17,854 17,794 17,677 18,001 18,884 20,532 22,006	2/25/2016 18,206 17,948 18,205 18,122 18,335 19,239 20,441 21,459	2/26/2016 18,802 18,005 17,913 17,937 18,115 18,939 20,605 21,837	2/27/2016 16,248 15,504 15,427 15,266 15,341 15,990 16,708 16,941	2/28/2016 14,185 13,821 13,566 13,202 13,156 13,701 14,231 14,234	2/29/2016 14,849 14,724 15,006 15,040 15,660 16,889 18,989 20,229		
te ur 100 200 300 400 500 600 700 800 900 1000 1100	2/16/2016 18,814 18,146 18,148 17,829 18,203 19,167 20,769 21,966 21,733 22,034 22,303	2/17/2016 18,745 18,213 18,098 17,785 18,071 18,847 20,411 21,609 21,560 21,948 21,586	2/18/2016 19,044 18,703 18,802 18,513 19,173 19,757 21,501 22,758 22,670 22,463 22,073	2/19/2016 18,371 18,006 17,700 17,398 17,611 18,506 20,179 21,209 20,777 20,757 21,084	2/20/2016 14,603 13,903 13,727 13,508 13,698 14,206 15,073 15,759 16,149	2/21/2016 13,703 13,212 13,044 12,926 13,091 13,543 14,114 14,619 14,774	2/22/2016 16,067 15,934 15,864 16,118 16,440 17,561 19,589 20,831 20,688	2/23/2016 18,124 17,770 17,791 17,922 18,030 18,876 20,532 21,663 21,565	2/24/2016 18,249 17,854 17,794 17,677 18,001 18,884 20,532 22,006 22,308	2/25/2016 18,206 17,948 18,205 18,122 18,335 19,239 20,441 21,459 22,102	2/26/2016 18,802 18,005 17,913 17,937 18,115 18,939 20,605 21,837 21,767	2/27/2016 16,248 15,504 15,427 15,266 15,341 15,990 16,708 16,941 17,462	2/28/2016 14,185 13,821 13,566 13,202 13,156 13,701 14,231 14,234 14,474	2/29/2016 14,849 14,724 15,006 15,040 15,660 16,889 18,989 20,229 20,477		
100 200 300 400 500 600 700 800 900 1100 1200	2/16/2016 18,814 18,146 18,148 17,829 18,203 19,167 20,769 21,966 21,733 22,034 22,303 21,978	2/17/2016 18,745 18,213 18,098 17,785 18,071 18,847 20,411 21,609 21,560 21,948 21,586 21,294	2/18/2016 19,044 18,703 18,802 18,513 19,173 19,757 21,501 22,758 22,670 22,463	2/19/2016 18,371 18,006 17,700 17,398 17,611 18,506 20,179 21,209 20,777 20,757	2/20/2016 14,603 13,903 13,727 13,508 13,698 14,206 15,073 15,759 16,149 16,370	2/21/2016 13,703 13,212 13,044 12,926 13,091 13,543 14,114 14,619 14,774 15,040	2/22/2016 16,067 15,934 15,864 16,118 16,440 17,561 19,589 20,831 20,688 20,711	2/23/2016 18,124 17,770 17,791 17,922 18,030 18,876 20,532 21,663 21,565 21,287	2/24/2016 18,249 17,854 17,794 17,677 18,001 18,884 20,532 22,006 22,308 22,456	2/25/2016 18,206 17,948 18,205 18,122 18,335 19,239 20,441 21,459 22,102 22,467	2/26/2016 18,802 18,005 17,913 17,937 18,115 18,939 20,605 21,837 21,767 21,827	2/27/2016 16,248 15,504 15,427 15,266 15,341 15,990 16,708 16,941 17,462 17,758	2/28/2016 14,185 13,821 13,566 13,202 13,156 13,701 14,231 14,234 14,474 14,696	2/29/2016 14,849 14,724 15,006 15,040 15,660 16,889 18,989 20,229 20,477 20,666		
100 200 300 400 500 600 700 800 900 1100 1200 1300	2/16/2016 18,814 18,146 18,148 17,829 18,203 19,167 20,769 21,966 21,733 22,034 22,303 21,978 21,878	2/17/2016 18,745 18,213 18,098 17,785 18,071 18,847 20,411 21,609 21,560 21,948 21,586 21,948 21,586 21,402	2/18/2016 19.044 18.703 18.802 18.513 19.173 19.757 21,501 22,758 22,670 22,463 22,073 21,764	2/19/2016 18,371 18,006 17,700 17,398 17,611 18,506 20,179 21,209 20,777 20,757 21,084	2/20/2016 14,603 13,903 13,727 13,508 14,206 15,073 15,759 16,149 16,370 16,464	2/21/2016 13,703 13,212 13,044 12,926 13,091 13,543 14,114 14,619 14,774 15,040 14,844	2/22/2016 16,067 15,934 15,864 16,118 16,440 17,561 19,589 20,831 20,688 20,711 20,752	2/23/2016 18,124 17,770 17,791 17,922 18,030 18,876 20,532 21,663 21,565 21,287 21,405	2/24/2016 18,249 17,854 17,794 17,677 18,001 18,884 20,532 22,006 22,308 22,456 22,631	2/25/2016 18,206 17,948 18,205 18,122 18,335 19,239 20,441 21,459 22,102 22,467 22,323	2/26/2016 18,802 18,005 17,913 17,937 18,115 18,939 20,605 21,837 21,767 21,827 21,827	2/27/2016 16,248 15,504 15,427 15,266 15,341 15,990 16,708 16,941 17,462 17,758	2/28/2016 14,185 13,821 13,566 13,202 13,156 13,701 14,231 14,234 14,474 14,696 14,567	2/29/2016 14,849 14,724 15,006 15,040 15,660 16,889 18,989 20,229 20,477 20,666 20,653 20,426		
100 200 300 400 500 600 700 800 900 1100 1200 1300	2/16/2016 18,814 18,146 18,148 17,829 18,203 19,167 20,769 21,966 21,733 22,034 22,303 21,978 21,878 21,878	2/17/2016 18,745 18,213 18,098 17,785 18,071 18,847 20,411 21,609 21,560 21,948 21,586 21,294 21,402 21,402	2/18/2016 19,044 18,703 18,802 18,513 19,173 19,757 21,501 22,758 22,670 22,463 22,073 21,936 21,764 21,363	2/19/2016 18,371 18,006 17,700 17,398 17,611 18,506 20,179 21,209 20,777 20,757 21,084 20,559 20,559 20,250 19,910	2/20/2016 14,603 13,903 13,727 13,508 14,206 15,073 15,759 16,149 16,370 16,464 16,194	2/21/2016 13,703 13,212 13,044 12,926 13,091 13,543 14,114 14,619 14,774 15,040 14,844 14,913	2/22/2016 16,067 15,934 15,864 16,118 16,440 17,561 19,589 20,831 20,688 20,711 20,752 20,325	2/23/2016 18.124 17,770 17,791 17,922 18,030 18,876 20,532 21,663 21,565 21,287 21,405 21,405 21,035	2/24/2016 18,249 17,854 17,794 17,677 18,001 18,884 20,532 22,006 22,308 22,456 22,631 22,425	2/25/2016 18,206 17,948 18,205 18,122 18,335 19,239 20,441 21,459 22,102 22,467 22,323 22,090	2/26/2016 18,802 18,005 17,913 18,115 18,939 20,605 21,837 21,767 21,827 21,827 21,670	2/27/2016 16,248 15,504 15,426 15,341 15,990 16,708 16,941 17,462 17,758 17,567	2/28/2016 14,185 13,821 13,566 13,202 13,156 13,701 14,231 14,234 14,474 14,696 14,567 14,513	2/29/2016 14,849 14,724 15,006 15,040 16,889 18,989 20,229 20,477 20,666 20,653		
100 200 300 400 500 700 800 900 1100 1200 1300 1400 1500	2/16/2016 18,814 18,146 18,148 17,829 18,203 19,167 20,769 21,966 21,733 22,034 22,303 21,978 21,878 21,899 21,794	2/17/2016 18,745 18,213 18,098 17,785 18,071 18,847 20,411 21,609 21,560 21,948 21,586 21,294 21,402 21,402 21,402 20,681	2/18/2016 19,044 18,703 18,802 18,513 19,173 19,757 21,501 22,758 22,670 22,463 22,073 21,936 21,764 21,363 20,834	2/19/2016 18,371 18,006 17,700 17,398 17,611 18,506 20,179 21,209 20,777 20,757 21,084 20,559 20,250 19,910 19,500	2/20/2016 14,603 13,903 13,727 13,508 14,206 15,073 15,759 16,149 16,370 16,464 16,194 15,811 15,156 13,633	2/21/2016 13,703 13,212 13,044 12,926 13,091 13,543 14,114 14,619 14,774 15,040 14,844 14,913 14,913	2/22/2016 16,067 15,934 15,864 16,118 16,440 17,561 19,589 20,831 20,688 20,711 20,752 20,325 20,151	2/23/2016 18,124 17,770 17,791 17,922 18,030 18,876 20,532 21,663 21,565 21,287 21,405 21,405 20,820	2/24/2016 18,249 17,854 17,794 17,677 18,001 18,884 20,532 22,006 22,308 22,456 22,631 22,425 22,425	2/25/2016 18,206 17,948 18,205 18,122 18,335 19,239 20,441 21,459 22,102 22,467 22,323 22,090 22,264	2/26/2016 18,802 18,005 17,913 17,937 18,115 18,939 20,805 21,837 21,767 21,837 21,670 21,438	2/27/2016 16,248 15,504 15,427 15,266 15,341 15,990 16,708 16,941 17,462 17,758 17,567 17,297 16,793	2/28/2016 14,185 13,821 13,566 13,202 13,156 13,701 14,231 14,234 14,474 14,696 14,567 14,513 14,523	2/29/2016 14,849 14,724 15,006 15,040 15,660 16,889 18,989 20,229 20,477 20,666 20,653 20,426 20,478		
100 200 300 400 500 600 700 800 900 1100 1200 1300 1400 1500	2/16/2016 18,814 18,146 18,148 17,829 18,203 19,167 20,769 21,966 21,733 22,034 22,303 21,978 21,878 21,999 21,794 21,598	2/17/2016 18,745 18,213 18,098 17,785 18,071 18,847 20,411 21,609 21,580 21,948 21,586 21,294 21,402 21,404 20,681 20,580	2/18/2016 19,044 18,703 18,802 18,513 19,173 19,757 21,501 22,758 22,670 22,463 22,073 21,936 21,764 21,363	2/19/2016 18,371 18,006 17,700 17,398 17,611 18,506 20,179 21,209 20,777 20,757 21,084 20,559 20,559 20,250 19,910	2/20/2016 14,603 13,903 13,727 13,508 13,698 14,206 15,073 15,759 16,149 16,370 16,464 16,194 15,811 15,156	2/21/2016 13,703 13,212 13,044 12,926 13,091 13,543 14,114 14,619 14,774 15,040 14,844 14,913 14,992 15,176	2/22/2016 16,067 15,934 15,864 16,118 16,440 17,561 19,589 20,831 20,688 20,711 20,752 20,325 20,151 19,840	2/23/2016 18,124 17,770 17,791 17,922 18,030 18,876 20,532 21,663 21,565 21,287 21,405 21,035 20,820 20,428	2/24/2016 18,249 17,854 17,794 17,677 18,001 18,884 20,532 22,006 22,308 22,456 22,631 22,425 22,425 22,428 22,488	2/25/2016 18,206 17,948 18,205 18,122 18,335 19,239 20,441 21,459 22,102 22,467 22,323 22,090 22,264 22,178	2/26/2016 18,802 18,005 17,913 17,937 18,115 18,939 20,605 21,837 21,767 21,827 21,837 21,670 21,438 21,132	2/27/2016 16,248 15,504 15,427 15,266 15,341 15,990 16,708 16,941 17,462 17,758 17,567 17,297 16,793 16,334	2/28/2016 14,185 13,821 13,566 13,202 13,156 13,701 14,231 14,234 14,474 14,696 14,567 14,513 14,523 14,416 13,999	2/29/2016 14,849 14,724 15,006 15,040 15,660 16,889 18,989 20,229 20,477 20,666 20,653 20,426 20,478 20,478 19,502		
100 200 300 400 500 700 800 1000 1100 1200 1400 1500 1600 1700	2/16/2016 18,814 18,146 18,148 17,829 18,203 19,167 20,769 21,966 21,733 22,303 22,303 21,978 21,878 21,878 21,999 21,794 21,598 21,554	2/17/2016 18,745 18,213 18,098 17,785 18,071 18,847 20,411 21,609 21,560 21,948 21,586 21,294 21,402 21,404 20,681 20,580 20,796	2/18/2016 19,044 18,703 18,802 18,513 19,173 19,757 21,501 22,758 22,670 22,463 22,073 21,936 21,764 21,363 20,834	2/19/2016 18,371 18,006 17,700 17,398 17,611 18,506 20,179 21,209 20,777 20,757 21,084 20,559 20,250 19,910 19,500	2/20/2016 14,603 13,903 13,727 13,508 14,206 15,073 15,759 16,149 16,370 16,464 16,194 15,811 15,156 13,633	2/21/2016 13,703 13,212 13,044 12,926 13,091 13,543 14,114 14,619 14,774 15,040 14,844 14,913 14,912 15,176 15,176	2/22/2016 16,067 15,934 15,864 16,118 16,440 17,561 19,589 20,831 20,688 20,711 20,752 20,325 20,151 19,840 19,436	2/23/2016 18,124 17,770 17,791 17,922 18,030 18,876 20,532 21,663 21,565 21,287 21,405 21,035 20,820 20,820 20,428 19,927	2/24/2016 18,249 17,854 17,794 17,677 18,001 18,884 20,532 22,006 22,308 22,456 22,631 22,425 22,428 22,488 22,488 22,141	2/25/2016 18,206 17,948 18,205 18,122 18,335 19,239 20,441 21,459 22,102 22,467 22,323 22,090 22,264 21,178 21,1602	2/26/2016 18,802 18,005 17,913 18,115 18,939 20,605 21,837 21,767 21,837 21,670 21,438 21,438 21,438 20,880	2/27/2016 16,248 15,504 15,427 15,266 15,341 15,990 16,708 17,758 17,756 17,297 16,793 16,334 15,821	2/28/2016 14,185 13,821 13,566 13,202 13,156 13,701 14,231 14,234 14,474 14,696 14,567 14,513 14,513 14,523 14,416 13,999 13,968	2/29/2016 14,849 14,724 15,006 15,640 16,889 18,989 20,229 20,477 20,666 20,653 20,426 20,478 20,176		
100 200 300 400 500 600 700 800 900 1100 1200 1300 1400 1500	2/16/2016 18,814 18,146 18,148 17,829 18,203 19,167 20,769 21,966 21,733 22,034 22,303 21,978 21,878 21,999 21,794 21,598	2/17/2016 18,745 18,213 18,098 17,785 18,071 18,847 20,411 21,609 21,580 21,948 21,586 21,294 21,402 21,404 20,681 20,580	2/18/2016 19,044 18,703 18,802 18,513 19,173 19,757 21,501 22,758 22,670 22,463 22,073 21,936 21,764 21,363 20,834 20,687	2/19/2016 18,371 18,006 17,700 17,398 17,611 18,506 20,179 21,209 20,777 20,757 21,084 20,559 20,250 19,910 19,500 19,144	2/20/2016 14,603 13,903 13,727 13,508 14,206 15,073 15,759 16,149 16,370 16,464 16,194 15,811 15,156 13,633 14,325	2/21/2016 13,703 13,212 13,044 12,926 13,091 13,543 14,114 14,619 14,774 15,040 14,844 14,913 14,992 15,176 15,093 15,282	2/22/2016 16,067 15,934 15,864 16,118 16,440 17,561 19,589 20,831 20,688 20,711 20,752 20,325 20,151 19,840 19,436 19,331	2/23/2016 18.124 17,770 17,791 17,922 18,030 18,876 20,532 21,663 21,565 21,287 21,405 20,820 20,428 19,927 19,587	2/24/2016 18,249 17,854 17,794 17,677 18,001 10,884 20,532 20,006 22,308 22,456 22,631 22,425 22,428 22,428 22,428 22,141 22,065 22,248	2/25/2016 18,206 17,948 18,205 18,122 18,335 19,239 20,441 21,459 22,102 22,467 22,323 22,090 22,264 22,178 21,602 21,217 21,136	2/26/2016 18,802 18,005 17,913 17,937 18,115 18,939 20,605 21,837 21,767 21,837 21,670 21,438 21,132 20,880 20,444 20,381	2/27/2016 16,248 15,504 15,427 15,266 15,341 15,990 16,708 16,941 17,462 17,758 17,567 17,297 16,793 16,334 15,821 15,203 15,199	2/28/2016 14,185 13,821 13,566 13,202 13,156 13,701 14,231 14,234 14,474 14,696 14,567 14,513 14,523 14,416 13,999 13,968 14,217	2/29/2016 14,849 14,724 15,006 15,040 15,660 16,889 18,989 20,229 20,477 20,666 20,653 20,426 20,478 20,176 19,502 18,780 18,828		
100 200 300 400 500 700 800 1000 1100 1200 1400 1500 1600 1700	2/16/2016 18,814 18,146 18,148 17,829 18,203 19,167 20,769 21,966 21,733 22,303 22,303 21,978 21,878 21,878 21,999 21,794 21,598 21,554	2/17/2016 18,745 18,213 18,098 17,785 18,071 18,847 20,411 21,609 21,560 21,948 21,586 21,294 21,402 21,404 20,681 20,580 20,796	2/18/2016 19,044 18,703 18,802 18,513 19,173 19,757 21,501 22,758 22,670 22,463 22,073 21,936 21,764 21,363 20,834 20,687 20,687 20,797	2/19/2016 18,371 18,006 17,700 17,398 17,611 18,506 20,179 21,209 20,777 20,757 21,084 20,559 20,250 19,910 19,500 19,144 18,849	2/20/2016 14,603 13,903 13,727 13,508 13,698 14,206 15,073 15,759 16,149 16,370 16,464 16,194 15,811 15,156 13,633 14,325 14,188	2/21/2016 13,703 13,212 13,044 12,926 13,091 13,543 14,114 14,619 14,774 15,040 14,844 14,913 14,992 15,176 15,093 15,282 15,305	2/22/2016 16,067 15,934 15,864 16,118 16,440 17,561 19,589 20,831 20,668 20,711 20,752 20,325 20,151 19,436 19,331 19,485	2/23/2016 18,124 17,770 17,791 17,922 18,030 18,876 20,532 21,663 21,565 21,287 21,405 21,035 20,820 20,428 19,927 19,587 19,587 19,766	2/24/2016 18,249 17,854 17,794 18,001 18,884 20,532 22,006 22,308 22,456 22,631 22,425 22,428 22,428 22,441 22,065 22,248 22,141 22,065 22,248 22,248 22,248	2/25/2016 18,206 17,948 18,205 18,122 18,335 19,239 20,441 21,459 22,102 22,457 22,323 22,090 22,264 22,178 21,602 21,217 21,602 21,217 21,136 20,967	2/26/2016 18,802 18,005 17,913 18,115 18,939 20,605 21,837 21,767 21,837 21,670 21,438 21,132 20,880 20,444 20,381 20,070	2/27/2016 16,248 15,504 15,427 15,266 15,341 15,990 16,794 17,462 17,756 17,567 16,793 16,334 15,821 15,203 15,199 15,290	2/28/2016 14,185 13,621 13,566 13,202 13,156 13,701 14,231 14,234 14,474 14,696 14,567 14,513 14,523 14,416 13,999 13,968 14,217 14,428	2/29/2016 14,849 14,724 15,006 15,040 15,660 16,889 20,229 20,477 20,665 20,478 20,176 19,502 18,780 18,828 19,189		
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100 200 300 400 500 600 700 800 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900	2/16/2016  18,814 18,146 18,148 17,829 18,203 19,167 20,769 21,966 21,733 22,034 22,303 21,978 21,878 21,989 21,794 21,598 21,554 21,5571 22,490	2/17/2016 18,745 18,213 18,088 17,785 18,071 18,847 20,411 21,609 21,560 21,948 21,586 21,294 21,402 21,402 21,402 20,580 20,786 20,786 20,927 21,647	2/18/2016 19,044 18,703 18,802 18,513 19,173 19,757 21,501 22,758 22,670 22,463 22,073 21,936 21,764 21,363 20,687 20,797 20,834 20,687 20,797 20,832 22,171	2/19/2016 18,371 18,006 17,700 17,398 17,611 18,506 20,179 21,209 20,777 20,757 21,084 20,559 20,250 19,910 19,500 19,144 18,849 18,474 19,047	2/20/2016 14,603 13,903 13,727 13,508 13,698 14,206 15,073 15,759 16,149 16,370 16,464 15,811 15,156 13,633 14,325 14,188 14,406 15,547 15,965	2/21/2016 13,703 13,212 13,044 12,926 13,091 13,543 14,114 14,619 14,774 15,040 14,844 14,913 14,992 15,176 15,093 15,282 15,305 15,5953 16,775 17,112	2/22/2016 16,067 15,934 15,864 16,118 16,440 17,561 19,589 20,831 20,688 20,711 20,752 20,325 20,151 19,840 19,331 19,485 19,331 19,485 20,745 21,280	2/23/2016 18.124 17,770 17,791 17,922 18,030 18,876 20,532 21,663 21,565 21,287 21,405 20,820 20,428 19,927 19,587 19,711 20,848 21,441	2/24/2016 18,249 17,854 17,794 17,677 18,001 18,884 20,532 22,006 22,308 22,456 22,435 22,425 22,428 22,488 22,141 22,065 22,248 22,449 22,489 22,489 22,489 22,489 22,489 22,488	2/25/2016 18,206 17,948 18,205 16,122 18,335 19,239 20,441 21,459 22,102 22,467 22,323 22,090 22,264 22,178 21,602 21,217 21,136 20,967 21,761 21,761 22,104	2/26/2016 18,802 18,005 17,913 17,937 18,115 18,939 20,605 21,837 21,767 21,837 21,670 21,438 21,132 20,880 20,444 20,381 20,070 20,482 20,502	2/27/2016 16,248 15,504 15,427 15,266 15,341 15,990 16,708 16,941 17,462 17,758 17,567 17,297 16,793 16,334 15,821 15,203 15,199 15,290 16,111 16,680	2/28/2016 14,185 13,821 13,566 13,202 13,156 13,701 14,231 14,234 14,474 14,696 14,513 14,513 14,513 14,513 14,513 14,513 14,513 14,513 14,513 14,513 14,513 14,513 14,513 14,513 14,513 14,513 14,513 15,614	2/29/2016 14,849 14,724 15,006 15,040 15,660 16,889 18,989 20,229 20,477 20,666 20,653 20,426 20,478 20,176 19,502 18,780 18,828 19,189 19,820 20,092		
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100 200 300 400 500 600 700 900 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100	2/16/2016  18,814 18,146 18,148 17,829 18,203 19,167 20,769 21,966 21,733 22,034 22,303 21,978 21,978 21,5794 21,598 21,554 21,5571 22,490 22,389 21,690	2/17/2016 18,745 18,213 18,098 17,785 18,071 18,847 20,411 21,560 21,560 21,948 21,586 21,294 21,404 20,681 20,580 20,796 20,927 21,647 21,948 21,548 21,	2/18/2016 19,044 18,703 18,802 18,513 19,173 19,757 21,501 22,758 22,670 22,463 22,073 21,936 21,764 21,363 20,834 20,687 20,797 20,832 22,171 21,878 21,658 21,658 20,912	2/19/2016 18,371 18,006 17,700 17,398 17,611 18,506 20,179 21,209 20,777 20,757 21,084 20,559 20,250 19,910 19,500 19,144 18,849 18,474 19,047 19,074	2/20/2016 14,603 13,903 13,727 13,508 14,206 15,073 15,759 16,149 16,370 16,464 16,194 15,811 15,156 13,633 14,325 14,188 14,406 15,547 15,567 15,579 15,322	2/21/2016 13,703 13,212 13,044 12,926 13,091 13,543 14,114 14,619 14,774 15,040 14,844 14,913 14,992 15,176 15,093 15,282 15,305 15,953 16,775 17,112 17,017	2/22/2016 16,067 15,934 15,864 16,118 16,440 17,561 19,589 20,831 20,688 20,711 20,752 20,325 20,151 19,840 19,436 19,331 19,485 19,594 20,745 21,280 21,280 21,271 20,516	2/23/2016 18.124 17,770 17,791 17,922 18,030 18,876 20,532 21,663 21,565 21,287 21,405 20,820 20,428 19,927 19,587 19,761 20,848 21,441 21,020 20,427	2/24/2016 18,249 17,854 17,794 17,677 18,001 18,884 20,532 22,006 22,308 22,456 22,425 22,428 22,448 22,141 22,065 22,248 22,141 22,065 22,248 22,141 22,085 22,248 22,141 22,085 22,248 22,141 22,085 22,091 21,115	2/25/2016 18,206 17,948 18,205 18,122 18,335 19,239 20,441 21,459 22,102 22,467 22,323 22,090 22,264 22,178 21,602 21,217 21,136 20,967 21,761 22,104	2/26/2016 18,802 18,005 17,913 17,937 18,115 18,939 20,605 21,837 21,670 21,837 21,670 21,438 21,132 20,880 20,444 20,381 20,070 20,482 20,502 20,200 19,767	2/27/2016 16,248 15,504 15,427 15,266 15,341 15,990 16,708 17,758 17,758 17,567 17,597 16,793 16,334 15,821 15,203 15,199 15,290 16,111 16,680 16,689 16,689 16,587	2/28/2016 14,185 13,821 13,566 13,202 13,156 13,701 14,231 14,234 14,474 14,696 14,567 14,513 14,523 14,416 13,999 13,968 14,217 14,428 15,410 15,644 15,588 15,377	2/29/2016 14,849 14,724 15,006 15,040 15,660 16,889 20,229 20,477 20,666 20,653 20,426 20,478 20,176 19,502 18,780 18,828 19,189 19,820 20,092 20,092 20,092 19,841 19,303		
100 200 300 400 500 600 700 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200	2/16/2016  18,814 18,146 18,148 17,829 18,203 19,167 20,769 21,966 21,733 22,034 22,303 21,978 21,878 21,878 21,999 21,794 21,598 21,554 21,5571 22,490 22,389 21,690 21,115	2/17/2016 18,745 18,213 18,098 17,785 18,071 18,847 20,411 21,609 21,560 21,948 21,568 21,294 21,402 21,402 20,681 20,580 20,796 20,927 21,647 21,918 21,816 21,918 21,918 21,918 21,918 21,918 21,918 21,918 21,918 21,918 21,413	2/18/2016 19,044 18,703 18,802 18,513 19,173 19,757 21,501 22,758 22,670 22,463 22,073 21,936 21,764 20,687 20,797 20,832 22,171 21,878 21,658	2/19/2016 18,371 18,006 17,700 17,398 17,611 18,506 20,179 21,209 20,777 20,757 21,084 20,559 20,250 19,910 19,500 19,144 18,849 18,474 19,047 19,074	2/20/2016 14,603 13,903 13,727 13,508 14,206 15,073 15,759 16,149 16,370 16,464 16,194 15,811 15,156 13,633 14,325 14,188 14,406 15,547 15,657 15,559	2/21/2016 13,703 13,212 13,044 12,926 13,091 13,543 14,114 14,619 14,774 15,040 14,844 14,913 14,992 15,176 15,093 15,282 15,305 15,953 16,775 17,112 17,017	2/22/2016 16,067 15,934 15,864 16,118 16,440 17,561 19,589 20,831 20,688 20,711 20,752 20,325 20,151 19,840 19,436 19,331 19,485 19,594 20,745 20,745 21,280 21,071	2/23/2016 18,124 17,770 17,791 17,922 18,030 18,876 20,532 21,663 21,565 21,287 21,405 20,820 20,428 19,927 19,587 19,766 19,711 20,848 20,848 21,441 21,020	2/24/2016 18,249 17,854 17,677 18,001 18,884 20,532 22,006 22,308 22,456 22,455 22,428 22,448 22,141 22,065 22,248 22,141 22,085 22,248 22,141 22,086 22,248 22,419 22,886 22,555 22,091	2/25/2016 18,206 17,948 18,205 18,122 18,335 19,239 20,441 21,459 22,102 22,467 22,323 22,090 22,264 22,178 21,602 21,217 21,136 20,967 21,761 22,104 22,104	2/26/2016 18,802 18,005 17,913 18,115 18,939 20,605 21,837 21,767 21,837 21,670 21,438 20,444 20,381 20,070 20,482 20,482 20,482 20,442 20,381	2/27/2016 16,248 15,504 15,427 15,266 15,341 15,990 16,798 17,758 17,758 17,567 17,297 16,793 16,334 15,821 15,203 15,199 15,290 16,111 16,680 16,689	2/28/2016 14,185 13,621 13,566 13,202 13,156 13,701 14,231 14,234 14,474 14,696 14,567 14,513 14,523 14,416 13,999 13,968 14,217 14,428 15,410 15,644 15,588	2/29/2016 14,849 14,724 15,006 15,040 15,660 16,889 20,229 20,477 20,666 20,653 20,426 20,478 20,176 19,502 18,780 18,828 19,189 19,820 20,092 19,841		
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GregFYI. Italy
This should pass
in March.
Monica

January 29, 2016

AMP Solar Phase I Participants

Subject: Solar Development Costs

Dear: Mayor Patrick McGowan/City of St. Marys

Ms. Monica Irelan/City of Napoleon Mr. Fred Rowe/Village of Waynesfield

AMP Management at its January 2016 AMP Board meeting requested a Board resolution to allow AMP to be reimbursed for development activity ongoing for solar development. These costs encompass legal, consultants and AMP labor. In our review of booked costs, we found that development costs for the Napoleon Solar Project in 2011 and 2012 were not recovered from the project. These costs total \$127,868 and a breakdown is attached for your review. AMP would like to at least cover its external/third party costs, which would total \$72,683.

Currently, the project produces approximately 5,200 MWH per year (16.7% capacity factor). At the current rate (\$85/MWH), the Napoleon Solar debt will be retired by the end of 2030 if O&M, capacity and REC credits remain somewhat consistent.

To collect the \$72,683 of development fee by adding \$2/MWH and no additional interest accumulation, the collection would take approximately seven (7) years.

We would like to add this issue to the agenda for the next Napoleon Solar Participants' meeting scheduled for March 16, 2016.

Should you have any further questions, please contact Pam Sullivan, Executive Vice President, at 614/540-0971 or <a href="mailto:pseudotata:pseudota:pseudotata:pseudotata:pseudotata:pseudotata:pseudotata:pseudota:pseudotata:pseudotata:pseudotata:pseudotata:pseudotata:pseudota:pseudota:pseudotata:pseudotata:pseudota:pseudota:pseudota:pseudo

We appreciate your consideration of this matter.

On Behalf of the Members,

Marc S. Gerken, P.E.

President/CEO

CC:

John Bentine, Sr. VP General Counsel Pam Sullivan, Executive VP Power Supply & Generation

### Solar Development Costs Associated with Napoleon Solar Project

	Incurred Cost
2011	
AMP Internal Expenses	\$55,185
Invoiced Exp	
CHESTER WILLCOX SAXBE	\$5,457
SSOE INC.	\$39,157
GARCIA SURVEYORS	\$7,900
2011 Total	\$107,699
2012	
Invoiced Exp	
SIDLEY AUSTIN BROWN AND WOOD LLP	\$19,071
TAFT STETTINIUS & HOLLISTER LLP	\$1,098
2012 Total	\$20,169
Expense Total	\$127,867

#### Fw: Napoleon Rate Levelization Loan - February 2016

"Monica Irelan" <mirelan@napoleonohio.com> "Greg Heath" <gheath@napoleonohio.com> Date: Wed, 16 Mar 2016 18:32:16 +0100

Greg,

Below is the recommendation of AMP and agreed to by me. I will get you a "clean" copy for next month's determinants when I get back into the office.

Sincerely Monica

----Original Message-

From: "Craig Kleinhenz" < ckleinhenz@amppartners.org >

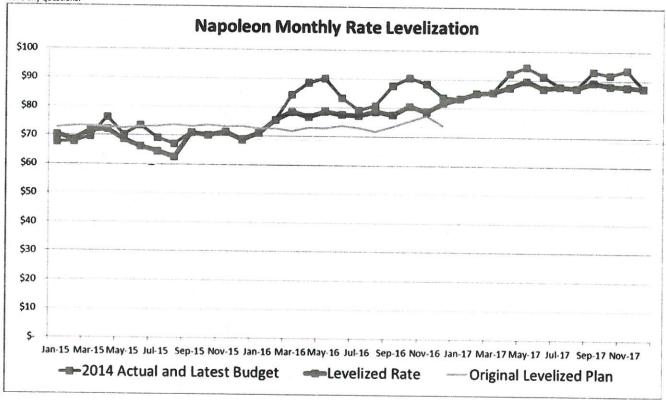
To: "Monica Irelan" <<u>mirelan@napoleonohio.com</u>>
Cc: "Mike Migliore" <<u>mmigliore@amppartners.org</u>>, "Tom Sillasen" <<u>tsillasen@amppartners.org</u>>

Date: 03/16/16 11:17

Subject: Napoleon Rate Levelization Loan - February 2016

#### Monica.

February power rates are coming in around \$8/MWh below forecast due to the delay in the Hydro online dates. It is recommended that we do not pass back the \$80,000 in levelization funds as originally anticipated and move that \$80,000 to November 2017. The below graph shows the impact of adjusting the levelization. Please let me know if you have any questions.



Thanks. Craig Kleinhenz

Manager of Power Supply Planning American Municipal Power Work 614-540-0871 Cell 614-623-7553 ckleinhenz@amppartners.org

Greatness is not in where we stand, but in what direction we are moving. We must sail sometimes with the wind and sometimes against it - but sail we must.



GENERATING ASSOCIATION

Omega Joint Venture Two

1111 Schrock Rd, Suite 100

COLUMBUS, OHIO 43229

PHONE: (614) 540-1111

FAX: (614) 540-1078

INVOICE NUMBER:

191923

INVOICE DATE:

3/3/2016

DUE DATE:

3/15/2016

**TOTAL AMOUNT DUE:** 

\$856.77

**CUSTOMER NUMBER:** 

5020

CUSTOMER P.O. #:

City of Napoleon

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

PLEASE WRITE INVOICE NUMBER ON REMITTANCE AND RETURN YELLOW INVOICE

COPY. MAKE CHECK PAYABLE TO OMEGA JV 2

**OMEGA JV2 POWER INVOICE -**

February, 2016

DO NOT PAY - AMOUNT AUTOMATICALLY DEDUCTED FROM YOUR BANK ACCOUNT

EMAIL BILLING@AMPPARTNERS.ORG WITH ANY QUESTIONS

FIXED RATE CHARGE:

264 kW \*

3.17 / kW =

\$837.26

**ENERGY CHARGE:** 

0 kWh \*

0.000000 / kWh =

\$0.00

SERVICE FEES:

0 kWh \*

\$0.00

0.000000 / kWh =

\$19.51

Fuel Costs that were not recovered through Energy Sales to Market

TOTAL CHARGES

\$856.77

\* To avoid a delayed payment charge, payment must be made to provide available funds for use by OMEGA JV-2 on or before the due date.

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 Deposit Use Only

62-4470-8662-4110

\$771.64 62-4470-8662-4121 \$65.62 62-4470-8662-4111 \$0.00

10-4170-8510-4610 62-4470-8662-4125 62-4470-8662-4700

\$0.00 62-4470-8662-4128

\$0.00 \$19.51

Amount

Omega JV2

0189-2204055

\$0.00

\$856.77

TOTAL DEPOSIT

\$856.77



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

192038

INVOICE DATE:

3/1/2016

DO NOT PAY - AMOUNT AUTOMATICALLY DEDUCTED FROM YOUR BANK ACCOUNT

3/11/2016

EMAIL BILLING@AMPPARTNERS.ORG

\$55,381.81

WITH ANY QUESTIONS CUSTOMER NUMBER:

5020

City of Napoleon

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

BL980397

MAKE CHECKS PAYABLE TO:

OMEGA JV5

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

#### **Debt Service - OMEGA JV5**

**FOR THE MONTH/YEAR OF:** 

March, 2016

Financing CHARGES: Debt Service

\$17.934524

/ kW \*

3,088 kW =

\$55,381.81

## **Total OMEGA JV5 Financing Invoice:**

\$55,381.81

\* 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

Entity Bank Lockbox Deposit

65 \$55,381.81

AMOUNT

OMEGA JV5 0189-2204055

\$55,381.81



1111 Schrock Rd, Suite 100 Columbus, Ohio 43229 Phone: (614) 540-1111 Fax: (614) 540-1078 DO NOT PAY - AMOUNT AUTOMATICALLY DEDUCTED FROM YOUR BANK ACCOUNT

EMAIL BILLING@AMPPARTNERS.ORG WITH ANY QUESTIONS

TICALLY

TOTAL AMOUNT DUE:

INVOICE NUMBER:

INVOICE DATE:

DUE DATE:

191996

3/1/2016

3/11/2016

0/11/20

\$90,543.49

5020

**CUSTOMER P.O. NUMBER:** 

**CUSTOMER NUMBER:** 

BL980397

MAKE CHECKS PAYABLE TO:

AND RETURN YELLOW INVOICE COPY.

OMEGA JV5

PLEASE WRITE INVOICE NUMBER ON REMITTANCE

FOR THE MONTH/YEAR OF:

February, 2016

**DEMAND CHARGES:** 

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

City of Napoleon

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

Napoleon, Ohio 43545-0151

Base Operating Expense Demand Charge:	\$11.442014	/ kW *	3.088 kW =	\$35,332.94
Seca Associated with JV5.	\$0.000000	/ kW *	3,088 kW =	\$0.00
TOTAL DEMAND CHARGES:	\$11.442014	/ kW *	3,088 kW =	\$35,332.94
ENERGY CHARGES:				
JV5 Repl. Pwr. & Variable (Budgeted Rate):	\$0.025688	/ kWh *	2,149,248 kWh =	\$55,210.55
JV5 Fuel Cost (Actual Expense):	\$0.000000	/ kWh *	2,149,248 kWh =	\$0.00
TOTAL ENERGY CHARGES:	\$0.025688	/ kWh *	2,149,248 kWh =	\$55,210.55
SUB-TOTAL		**************************************		\$90,543.49

#### **Total OMEGA JV5 Invoice:**

\$90,543.49

\* 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

Entity Bank Lockbox Deposit 65 \$90,543.49 AMOUNT

OMEGA JV5 0189-2204055

\$90,543.49



AMERICAN MUNICIPAL POWER, INC.

1111 Schrock Rd, Suite 100 COLUMBUS, OHIO 43229

PHONE: (614) 540-1111 FAX: (614) 540-1078 INVOICE NUMBER:

191749

INVOICE DATE:

3/1/2016

**DUE DATE:** 

3/15/2016

TOTAL AMOUNT DUE:

\$1,576.48

**CUSTOMER NUMBER:** 

5020

CUSTOMER P.O. #:

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

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

#### Omega JV6

**Project Capacity:** 

300 kW

Year 2016

Electric Fixed

300 kW \* 5.25 per kW-Month

Total

March, 2016 -

Electric Fixed

\$1,576.48

AMOUNT DUE FOR:

## TOTAL CHARGES

\$1,576.48

\* 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

56

\$1,576.48

**AMOUNT** 

General Fund

0189-2204055

\$1,576.48

TOTAL DEPOSIT

\$1,576.48

										THE RESERVE AND THE PARTY OF THE PARTY.	ences a consequence				
2016 - APRIL BILLING WITH MARCH 2016	DATA B	and the second second second second	IITS									May-15			m
Class and/or	Rate	Mar-16 # of	Mar-16	Mar-16	Billed kVa	Cost / kWH	Cost / kWH Prior 12 Mo	Apr-15 # of	Apr-15	Apr-15	Cost / kWH	# of	May-15	May-15	Cost / kW
Schedule	Code		(kWh Usage)	Billed	of Demand	For Month	Average	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Mont
Residential (Dom-In)	E1	3,345	2,347,687	\$244,491.10	O Demand	\$0.1041	\$0.1048	3,353	2,258,877	\$243,502.44	\$0.1078	3,348	1,980,302	\$212,898.74	\$0.10
Residential (Dom-In) w/Ecosmart	E1E	9	4,327	\$468.00	0	\$0.1082	\$0.1072	10	4,713	\$526.09	\$0.1116	10	4,422	\$490.55	\$0.11
Residential (Dom-In - All Electric)	E2	608	756,980	\$76,046.71		\$0.1005	\$0.1030	609	790,810	\$81,820.65	\$0.1035	607	563,183	\$58,474.50	\$0.10
Res.(Dom-In - All Elec.) w/Ecosman	E2E	1	597	\$63.13	0	\$0.1057	\$0.1045	1	566	\$61.97	\$0.1095	1	615	\$65.88	\$0.10
nas. (Boll III 7 III Elea / III E															
Total Residential (Domestic)		3,963	3,109,591	\$321,068.94	0	\$0.1033	\$0.1045	3,973	3,054,966	\$325,911.15	\$0.1067	3,966	2,548,522	\$271,929.67	\$0.10
		750					00 1101		045.000	604.029.02	60 1100	744	722 522	604 204 04	60.11
Residential (Rural-Out)	ER1	759	875,454	\$95,412.70	0	\$0.1090	\$0.1104	744	845,069	\$94,938.92	\$0.1123	744	723,533 2,446	\$81,281.84 \$289.81	\$0.11 \$0.11
Residential (Rural-Out) w/Ecosmart	ER1E	4	3,230	\$364.37	0	\$0.1128	\$0.1150		2,722	\$322.15	\$0.1184 \$0.1098	387	493,251	\$54,202.13	\$0.10
Residential (Rural-Out - All Electric)	ER2	384	587,960	\$62,814.15	U	\$0.1068	\$0.1089	386	610,664	\$67,063.60	\$0.1096		2,217	\$246.28	\$0.10
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2	2,960	\$317.12	000	\$0.1071	\$0.1110	2	2,810	\$311.12	\$0.1107	15	22,023	\$2,394.91	\$0.10
Residential (Rural-Out w/Dmd)	ER3	16	30,157	\$3,181.29	263		\$0.1044	14	18,613	\$2,065.16	\$0.1111	9	9,698	\$1,079.90	\$0.10
Residential (Rural-Out - All Electric w/Dm	ER4	9	11,290	\$1,222.89	93	\$0.1083	\$0.1075	9	11,828	\$1,314.56	\$0.1111	9	9,090	\$1,079.90	\$0.11
Total Residential (Rural)		1,174	1,511,051	\$163,312.52	356	\$0.1081	\$0.1097	1,159	1,491,706	\$166,015.51	\$0.1113	1,161	1,253,168	\$139,494.87	\$0.11
						00 1000	50 4504	70	40.146	ec ena ne	EO 1242	72	49 143	\$6 A12 51	\$0.13
Commercial (1 Ph-In - No Dmd)	EC2	75	53,648	\$6,982.89	13		\$0.1324 \$0.1750	73 43	49,146 11,360	\$6,602.06 \$1,842.30	\$0.1343 \$0.1622	73 43	48,143 10,492	\$6,412.51 \$1,725.43	\$0.13
Commercial (1 Ph-Out - No Dmd)	EC2O	43	8,383	\$1,468.25		\$0.1751	<b>∌</b> 0.1.750	43	11,300	⊕1,04∠.30	φ0.102Z	43	10,432	ψ1,72J.43	90,10
Total Commercial (1 Ph) No Dmd		118	62,031	\$8,451.14	13	\$0.1362	\$0.1388	116	60,506	\$8,444.36	\$0.1396	116	58,635	\$8,137.94	\$0.13
													200 500	0.00 700 0.4	60.40
Commercial (1 Ph-In - w/Demand)	EC1	255	337,026	\$42,741.72	1652	\$0.1268	\$0.1303	261	337,480	\$44,282.75	\$0.1312	260	328,539	\$42,760.94	\$0.13
Commercial (1 Ph-Out - w/Demand)	EC10	24	41,186	\$4,956.90	163	\$0.1204	\$0.1267	25	45,917	\$5,650.20	\$0.1231	25	42,980	\$5,320.61	\$0.12
Total Commercial (1 Ph) w/Demand		279	378,212	\$47,698.62	1,815	\$0.1261	\$0.1299	286	383,397	\$49,932.95	\$0.1302	285	371,519	\$48,081.55	\$0.12
Commercial (3 Ph-Out - No Dmd)	EC4O	2	1,000	\$149.48	41	\$0.1495	\$0.1360	2	40	\$40.67	\$1.0168	2	1,160	\$169.60	\$0.14
	EC40														
Total Commercial (3 Ph) No Dmd		2	1,000	\$149.48	41	\$0.1495	\$0.1360	2	40	\$40.67	\$1.0168	2	1,160	\$169.60	\$0.14
Commercial (3 Ph-In - w/Demand)	EC3	204	1,492,235	\$165,735.10	4555	\$0,1111	\$0,1126	206	1,532,298	\$176,808.22	\$0.1154	207	1,441,600	\$165,075.33	\$0.11
Commercial (3 Ph-Out - w/Demand)	EC3O	39	379,416	\$42,543.57	1374	\$0.1121	\$0.1121	39	416,052	\$47,645.15	\$0.1145	39	369,784	\$41,976.45	\$0.11
Commercial (3 Ph-In - w/Dmd.&Sub-St.C	EC3S	0	0	\$0.00	0	\$0.0000		2	71,760	\$8,159.09	\$0.1137	2	106,680	\$11,375.57	\$0.10
Commercial (3 Ph-Out - w/Dmd &Sub-St.	E3SO	3	149,800	\$15,798.47	514			3	141,160	\$15,333.57	\$0.1086	3	132,720	\$14,380.98	\$0.10
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	2,160	\$242.85	6	\$0.1124		1	1,720	\$204.83	\$0.1191	1	1,560	\$187.94	\$0.12
Total Commercial (3 Ph) w/Demand		247	2,023,611	\$224,319.99	6,449	\$0.1109	\$0.1118	251	2,162,990	\$248,150.86	\$0.1147	252	2,052,344	\$232,996.27	\$0.11
Large Power (In - w/Dmd & Rct)	EL1	21	2,561,160	\$221,085.42	5709			20	2,108,673	\$202,315.27	\$0.0959	20	2,284,380	\$207,502.78	\$0.09
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,042,283	\$84,501.97	2046			1	700,316	\$57,506.54	\$0.0821	1	670,523	\$51,650.04	\$0.07
Large Power (Out - w/Dmd & Rct, w/SbC	EL20	1	322,800	\$28,467.29	765			1	295,200	\$29,423.85	\$0.0997	1	286,800	\$27,782.97	\$0.09
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	85,512	\$6,619.24	141	\$0.0774	\$0.1167	2	82,101	\$6,908.38	\$0.0841	2	55,869	\$6,524.97	\$0.11
Total Large Power		27	4,011,755	\$340,673.92	8,661	\$0.0849	\$0.0869	24	3,186,290	\$296,154.04	\$0.0929	24	3,297,572	\$293,460.76	\$0.08
			1												
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,194,711	\$89,279.02	2077	\$0.0747		1	1,013,401	\$83,488.50	\$0.0824	1	1,030,321	\$80,038.20	\$0.07
Industrial (In - w/Dmd & Rct, No/SbCr)	El2	1	1,122,083	\$81,701.62	1790	\$0.0728	\$0.0754	1	991,550	\$77,788.63	\$0.0785	1	1,107,040	\$83,449.52	\$0.07
Total Industrial		2	2,316,794	\$170,980.64	3,867	\$0.0738	\$0.0758	2	2,004,951	\$161,277.13	\$0.0804	2	2,137,361	\$163,487.72	\$0.07
										641.757.	60.000	10	100.005	640.000.00	****
Interdepartmental (In - No Dmd)	ED1	8	65,565	\$6,459.45	147			48	159,637	\$14,757.99	\$0.0924	48	138,905	\$12,636.25	\$0.09
Interdepartmental (Out - No Dmd)	ED10	0	0	\$0.00				1	0	\$0.00	\$0.0000	1	9	\$0.83	\$0.09
Interdepartmental (Out - w/Dmd)	ED2O	2	192	\$45.93		The second secon		0	0	\$0.00	\$0.0000	0	0	\$0.00 \$24,506.50	
Interdepartmental (In - w/Dmd)	ED2	26	70,540	\$8,300.04		\$0.1177		20	346,492	\$31,272.53	\$0.0903	20	276,255		
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	306,526	\$30,656.81	773			0	0	\$0.00		0	0	\$0.00 \$0.00	
Interdepartmental (Street Lights)	EDSL	7	62,879	\$5,849.08		\$0.0930		0		\$0.00	\$0.0000	0	0		
Interdepartmental (Traffic Signals)	EDTS	11	1,916	\$177.17	20	4010000		- 0		\$0.00	\$0.0000	1	19,378	\$0.00 \$1,034.98	
Generators (JV2 Power Cost Only)	GJV2	1	21,905	\$781.57	36			1	20,605	\$1,068.78 \$819.13	\$0.0519 \$0.0519	1	9,449	\$1,034.98	\$0.05
Generators (JV5 Power Cost Only)	GJV5	1	16,067	\$573.27	32	\$0.0357	\$0.0000		15,792	\$819.13	Ψ0.0519		5,449	9304.07	30.00
Total Interdepartmental		67	545,590	\$52,843.32	988	\$0.0969	\$0.0953	71	542,526	\$47,918.43	\$0.0883	71	443,996	\$38,683.23	\$0.08
SUB-TOTAL CONSUMPTION & DEMAND	)	5,879	13,959,635	\$1,329,498.57	22,190	\$0.0952	\$0.0969	5,884	Contract of the Contract of th	\$1,303,845.10	\$0.1012	5,879	12,164,277	\$1,196,441.61	\$0.09
			*********			-									
Street Lights (In)	SLO	16	1,463	\$191.76		\$0.1311	\$0.2331	15	0	\$13.59	\$0.0000	15	0	\$13.58	\$0.00
Street Lights (III)	SLOO	2	0	\$0.77		\$0.0000		2	0	\$0.77	\$0.0000	2	0	\$0.77	
	5250				`	-									
Total Street Light Only		18	1,463	\$192.53	(	\$0.1316	\$0.2394	17	0	\$14.36	\$0.0000	17	0	\$14.35	\$0.00

ELECTRIC							BILLIN	G DETERMINAN	ITS							0575	DIMINITO
BILLING SUMMARY AN	ID CO	Λ			T T		DIEETIN	O DETERMINAT	(10				-			DETE	RMINANTS
APRIL, 2016	DCO	<u> </u>							!			2					
2016 - APRIL BILLING WITH MARCH 20	ME DATA			i													
2010 - AF RIE BIELING WITH MARCH 20	NO DATA	Jun-15			·	1.145											
Class and/or	Rate	# of	Jun-15	Jun-15	Cost / kWH	Jul-15 # of	Jul-15			Aug-15				Sep-15			
Schedule	Code	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Jul-15	Cost / kWH	# of	Aug-15	Aug-15	Cost / kWH	# of	Sep-15	Sep-15	Cost / kWF
Residential (Dom-In)	E1	3,349	1,643,997					Billed	For Month	Bills	(kWh Usage	THE RESERVE AND ADDRESS OF THE PARTY OF THE	For Month	Bills	(kWh Usage		For Month
Residential (Dom-In) w/Ecosmart	E1E	10	4,021	· Comment of the comment of the comment	\$0.1133	3,351	2,075,385	\$230,585.66	\$0.1111	3,345	A CONTRACTOR OF THE PARTY OF TH	with the same of t		3,357	3,009,830	\$309,195.73	\$0.102
Residential (Dom-In - All Electric)	E2	608	367,420			10	**	\$621.73	\$0.1122	10				10	8,544	\$880.66	\$0.103
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	461	THE RESERVE OF STREET STREET,	\$0.1083	611	371,740	\$41,369.32	\$0.1113	607	401,010		****** *******************************	608			\$0.103
The contract of the contract	LZL		401	\$51.33	\$0.1113	1	677	\$74.67	\$0.1103	1	917	\$96.91	\$0.1057	1	1,019	\$103.88	\$0.101
Total Residential (Domestic)		3,968	2,015,899	\$222,053.18	\$0.1102	3,973	2,453,341	\$272,651.38	\$0.1111	3,963	2,841,232	\$305,322.69	\$0.1075	3,976	3,494,593	\$359,468.20	\$0.102
Residential (Rural-Out)	ER1	748	562,029	\$65,398.07	\$0,1164	749	679,680	\$79,620.30	\$0.1171	752	731,539	\$83,480.22	\$0,1141	752	856.818		
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,057	\$252.09	\$0.1226	4		\$273.52	\$0.1244	4			\$0.1197	132	THE RESERVE OF THE PARTY OF THE	The second secon	
Residential (Rural-Out - All Electric)	ER2	388	346,446	\$39,581.00	\$0.1142	386	386,537	\$44,881.69	\$0.1161	386	389,872			389		The second secon	
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2	1,345	\$158.58	\$0.1179	2	1,153	\$142.35	\$0.1235	2		\$144.72		2		THE RESIDENCE OF THE PARTY OF T	\$0.109
Residential (Rural-Out w/Dmd)	ER3	15.	38,586	\$4,115.04	\$0.1066	15	30,981	\$3,430.53	\$0.1107	15			\$0.1203	15			
Residential (Rural-Out - All Electric w/Dm	ER4	9	7,050		\$0.1158	9	7,011	\$834.01	\$0.1190	9			\$0.1121	15	9,622 9,346		
									40.1100		7,004	\$300.42	\$0.1133	9	9,340	\$1,031.20	\$0.1103
Total Residential (Rural)		1,166	957,513	\$110,321.21	\$0.1152	1,165	1,107,561	\$129,182.40	\$0.1166	1,168	1,150,878	\$131,177.50	\$0.1140	1,171	1,339,705	\$146,669.41	\$0.1095
Commercial (1 Ph-In - No Dmd)	EC2	72	40,831	\$5,602.99	\$0,1372	74	45,227	\$6,275.38	\$0.1388	75	43,780	\$6.014.20	60 1274	75	45.000	00 000 10	
Commercial (1 Ph-Out - No Dmd)	EC2O	43	7,705		\$0.1832	42	7,061	\$1,346.71	\$0.1300	42	7,054	THE R. LEWIS CO., LANSING, MICH. CO., LANSING, MICH.	\$0.1374	75	45,629	A STATE OF THE PARTY OF THE PAR	\$0.1335
				21,311.01	50.1002		7,001	91,340.71	φU. 19U7	42	7,054	\$1,329.85	\$0.1885	42	7,671	\$1,378.18	\$0.1797
Total Commercial (1 Ph) No Dmd		115	48,536	\$7,014.90	\$0.1445	116	52,288	\$7,622.09	\$0.1458	117	50,834	\$7,344.13	\$0.1445	117	53,300	\$7,468.60	\$0.1401
Commercial (1 Ph-In - w/Demand)	EC1	259	284,829	\$38,606.84	\$0.1355	057	200 100										
Commercial (1 Ph-Out - w/Demand)	EC10	25	33,206	\$4,345.55	\$0.1355	257	300,429	\$42,301.06	\$0.1408	256	339,892	\$45,546.10	\$0.1340	257	380,148	\$48,330.68	\$0.1271
The state of the s	2010	23	33,206	\$4,343.55	\$0,1309	25	30,768	\$4,240.82	\$0.1378	25	33,702	\$4,489.48	\$0.1332	24	34,571	\$4,404.97	\$0.1274
Total Commercial (1 Ph) w/Demand		284	318,035	\$42,952.39	\$0.1351	282	331,197	\$46,541.88	\$0.1405	281	373,594	\$50,035.58	\$0.1339	281	414,719	\$52,735.65	\$0.1272
Commercial (3 Ph-Out - No Dmd)	EC40	2	160	\$54.59	\$0.3412	2	80	\$45.54	\$0.5693	2	40	\$40.68	\$1.0170	2	80	\$45.11	\$0.5639
Total Commercial (3 Ph) No Dmd		2	160	\$54.59	\$0.3412	2	80	\$45.54	\$0.5693	2	40	\$40.68	\$1.0170	2	80		\$0.5639
														-		7.0.11	
Commercial (3 Ph-In - w/Demand)	EC3	207	1,452,965	\$168,573.29	\$0.1160	207	1,555,155	\$185,286.12	\$0.1191	208	1,667,068	\$193,578,75	\$0.1161	209	1,788,777	\$199,840.42	\$0.1117
Commercial (3 Ph-Out - w/Demand)	EC3O	39	338,498	\$40,047.49	\$0.1183	38	410,615	\$48,498.64	\$0.1181	38	351,305	\$41,198.22	\$0.1173	39	369,943	\$42,978.63	\$0.1162
Commercial (3 Ph-In - w/Dmd.&Sub-St.C	EC3S	4	132,480	\$15,824.02	\$0.1194	2	148,920	\$16,349.54	\$0.1098	2	164,520	\$17,424.80	\$0.1059	2	204,960	\$20,921.37	\$0.1021
Commercial (3 Ph-Out - w/Dmd &Sub-St.	E3SO	3	140,520	\$15,336.38	\$0.1091	3	200,400	\$21,574.45	\$0,1077	3	141,360	\$15,487.53	\$0.1096	3	106,600	\$11,944.61	\$0.1021
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	1,800	\$215.71	\$0.1198	1	2,000	\$274.19	\$0.1371	1	2,960	\$362.43	\$0.1224	1	3,280	\$414.79	\$0.1265
Total Commercial (3 Ph) w/Demand		254	2,066,263	\$239,996.89	\$0.1162	251	2,317,090	\$271,982.94	\$0.1174	252	2,327,213	\$268,051.73	\$0.1152	254	2,473,560	\$276,099.82	\$0,1116
																0210100.02	
Large Power (In - w/Dmd & Rct)	EL1	21	2,385,981	\$220,519.73	\$0.0924	21	2,481,914	\$235,268.97	\$0.0948	21	2,483,390	\$232,286.37	\$0.0935	21	2,809,626	\$244,150.03	\$0.0869
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	1	662,477	\$51,806.61	\$0.0782	1	753,680	\$60,286.30	\$0.0800	1	713,392	\$56,261,96	\$0.0789	1	840,500	\$64,298.04	\$0.0765
Large Power (Out - w/Dmd & Rct, w/SbC	EL20	1	319,200	\$30,456.43	\$0.0954	1	313,200	\$31,319.52	\$0.1000	1	265,200	\$27,074.00	\$0.1021	1	321,600	\$28,453.60	\$0.0885
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	41,376	\$5,522.76	\$0.1335	2	81,846	\$16,481.63	\$0.2014	2	77,483	\$14,751.37	\$0.1904	2	79,802	\$9,925.82	\$0.0003
Total Large Power		25	3,409,034	\$308,305.53	\$0.0904	25	3,630,640	\$343,356.42	\$0.0946	25	3,539,465	\$330,373.70	\$0.0933	25	4,051,528	\$346,827.49	\$0.0856
Industrial (In - w/Dmd & Rct, w/SbCr)	El1	1	1,070,789	\$83.886.09	\$0.0783	1	1,152,988	\$93,054.84	\$0.0807	1	998,762						
Industrial (In - w/Dmd & Rct, No/SbCr)	El2	1	1,059,232	\$81,867.50	\$0.0773	1,	1,077,121	\$88,456.90	\$0.0821	1	1,052,393	\$82,701.17 \$85,875.61	\$0.0828 \$0.0816	1	1,197,585 1,268,977	\$90,044.76 \$93,848.76	\$0.0752 \$0.0740
Total Industrial		2	2 420 024	*405.750.50													30.0740
			2,130,021	\$165,753.59	\$0.0778	2	2,230,109	\$181,511.74	\$0.0814	2	2,051,155	\$168,576.78	\$0.0822	2	2,466,562	\$183,893.52	\$0.0746
Interdepartmental (In - No Dmd)	ED1	48	91,122	\$8,411.66	\$0.0923	8	49,074	\$5,581.34	\$0.1137	8	51,229	\$5,640.62	\$0.1101	8	53,261	\$5,694.67	\$0.1069
nterdepartmental (Out - No Dmd)	ED10	1	244	\$22.43	\$0.0919	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000
nterdepartmental (Out - w/Dmd)	ED2O	0	0	\$0.00	\$0.0000	2	825	\$122.51	\$0.1485	2	885	\$127.65	\$0.1442	2	1,033	\$141.76	\$0.1372
nterdepartmental (in - w/Dmd)	ED2	20	207,191	\$18,542.20	\$0.0895	30	23,382	\$3,137.40	\$0.1342	31	21,096	\$2,841.84	\$0.1347	27	25,195	\$3,193.85	\$0.1268
nterdepartmental (3Ph-In - w/Dmd)	ED3	0	0	\$0.00	\$0.0000	11	168,823	\$18,902.11	\$0.1120	11	216,189	\$23,641.06	\$0.1094	11	201,469	\$21,275.17	\$0.1056
nterdepartmental (Street Lights)	EDSL	0	0	\$0.00	\$0.0000	7	62,879	\$5,850.15	\$0.0930	7	62,879	\$5,850.15	\$0.0930	7	62,879	\$5,850.15	\$0.0930
nterdepartmental (Traffic Signals)	EDTS	0	0	\$0.00	\$0.0000	15	1,782	\$164.29	\$0.0922	15	1,676	\$154.50	\$0.0922	15	1,657	\$153.18	\$0.0924
Generators (JV2 Power Cost Only)	GJV2	1	17,280	\$748.40	\$0.0433	1	16,671	\$695.01	\$0.0417	1	15,739	\$712.35	\$0.0453	1	14,697	\$625.95	\$0.0426
Generators (JV5 Power Cost Only)	GJV5	1	0	\$0.00	\$0.0000	1	28,010	\$1,167.74	\$0.0417	1	11,638	\$526.74	\$0.0453	1	11,234	\$478.46	\$0.0426
otal Interdepartmental		71	315,837	\$27,724.69	\$0.0878	75	351,446	\$35,620.55	\$0.1014	76	381,331	\$39,494.91	\$0.1036	72	371,425		
UB-TOTAL CONSUMPTION & DEMAND	)	5,887	11,261,298	\$1,124,176,97	\$0.0998	5,891	12,473,752	\$1,288,514.94								\$37,413.19	\$0.1007
		THE RESERVED THE PARTY NAMED IN	========	=======================================	40.000			\$1,288,514.94	\$0.1033	5,886	12,715,742	\$1,300,417.70 =======	\$0.1023	5,900	14,665,472	\$1,410,620.99	\$0.0962
treet Lights (In)	SLO	15	0	\$13.58	60 0000												
treet Lights (Out)	SLOO	2	0	\$13.58	\$0.0000	15	0	\$13.59	\$0.0000	15	0	\$13.59	\$0.0000	15	0	\$13.59	\$0.0000
3	3200			\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000
otal Street Light Only		17	0	\$14.35	\$0.0000	17	0	\$14.36	\$0.0000	17	0	\$14.36	\$0.0000	17	0	\$14.36	\$0.0000
OTAL CONSUMPTION & DEMAND		5,904	11,261,298	\$1,124,191.32	\$0.0998	5,908	12,473,752	\$1,288,529.30	\$0.1033	5,903	12,715,742	\$1,300,432.06	\$0.1023	5,917	14,665,472	\$1,410,635.35	\$0.0962
			******	=========	=====				======			==========			14,005,472	\$1,410,633.33	\$0.0962

<b>BILLING SUMMARY AND</b>	CON																ETERMINAN	10
APRIL, 2016 2016 - APRIL BILLING WITH MARCH 201	6 DATA E																	
		Oct-15				Nov-15				Dec-15			Ì	Jan-16				Feb-1
Class and/or	Rate	# of	Oct-15	Oct-15	Cost / kWH	# of	Nov-15	Nov-15	Cost / kWH	# of	Dec-15	Dec-15	Cost / kWH	# of	Jan-16	Jan-16	Cost / kWH	# of
Schedule	Code	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Biffed	For Month	Bills	(kWh Usage)	Billed	For Month	Bills
Residential (Dom-In)	E1	3,342	2,616,403	\$258,762.94	\$0.0989	3,344	1,988,662	\$204,893.24	\$0.1030	3,356	1,798,371	\$184,274.36	\$0.1025	3,336	1,861,416	\$195,822.68	\$0.1052	
Residential (Dom-In) w/Ecosmart	E1E	10	6,667	\$668.28	\$0,1002	10	4,698	\$496.63	\$0.1057	10	4,126	\$436.57	\$0.1058	10	4,037	\$441.29	\$0.1093	
Residential (Dom-In - All Electric)	E2	611	420,610	\$42,035.32	\$0.0999	611	341,222	\$35,380.27		608	377,629	\$38,115.47		603	469,722	\$47,982.01	\$0.1021	
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	889	\$87.10	\$0.0980	1	781	\$78.58		1	616	\$62.21	\$0.1010	1	481	\$51.43	\$0.1069	
Total Residential (Domestic)		3,964	3,044,569	\$301,553.64	\$0.0990	3,966	2,335,363	\$240,848.72	\$0.1031	3,975	2,180,742	\$222,888.61	\$0.1022	3,950	2,335,656	\$244,297.41	\$0.1046	3,95
Residential (Rural-Out)	ER1	751	785,000	\$82,819.91	\$0.1055	754	599,673	\$66,098.28	\$0.1102	758	639,997	\$69,004.14	\$0.1078	756	692,545	\$76,216.42	\$0.1101	1 75
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,854	\$313.96	\$0,1100	4	2,178	\$252.82		4	2,380	\$268.56		4	2,902	\$327.89	\$0.1130	
Residential (Rural-Out - All Electric)	ER2	388	429,237	\$45,060.90	\$0.1050	386	347,574	\$37,798.14		387	392,331	\$41,522.79		383	425,593	\$46,020.44	\$0.1081	
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2	1,268	\$141.65	\$0.1117	2	1,369	\$153.67	\$0.1122	2	1,653	\$178.64	\$0.1081	2	2,005	\$218.79		
Residential (Rural-Out w/Dmd)	ER3	15	20,298	\$2,093.89	\$0.1032	15	18,711	\$1,972.49		15	54,195						\$0.1091	
Residential (Rural-Out - All Electric w/Dm	ER4	9	8,917	\$945.17	\$0.1052	9	9,782	\$1,044.46		9		\$5,333.52	\$0.0984 \$0.0989	16	98,686	\$9,894.24	\$0.1003	
residential (residential residential resid	LIX4		0,517	\$543.17	\$0.1000	9	9,102	31,044.40	\$0.1008	9	28,708	\$2,837.96	\$0.0989	9	13,792	\$1,455.82	\$0.1056	1
Total Residential (Rural)		1,169	1,247,574	\$131,375.48	\$0.1053	1,170	979,287	\$107,319.86	\$0.1096	1,175	1,119,264	\$119,145.61	\$0.1064	1,170	1,235,523	\$134,133.60	\$0.1086	1,17
Commercial (1 Ph-In - No Dmd)	EC2	77	46,878	\$6,031.02	\$0.1287	74	44,720	\$5,835.07	\$0.1305	74	46,142	\$5,915.34	\$0.1282	74	42.704	&E 000 34	\$0.4204	
Commercial (1 Ph-Out - No Dmd)	EC2O	42	7,182	\$1,288.03	\$0.1267	43	6,331	\$1,218.01	\$0.1305	43	**************************************			43	43,794	\$5,800.34	\$0.1324	
Commission (11 ii Out - No Oillo)	LUZU	42	7,102	91,200.03	φU.1793	43	0,331	\$1,210.01	. a∪. 1924	43	10,729	\$1,686.33	\$0.1572	43	8,154	\$1,432.14	\$0.1756	4
Total Commercial (1 Ph) No Dmd		119	54,060	\$7,319.05	\$0.1354	117	51,051	\$7,053.08	\$0.1382	117	56,871	\$7,601.67	\$0.1337	117	51,948	\$7,232.48	\$0.1392	2 11
Commercial (1 Ph-In - w/Demand)	EC1	257	393,299	\$48,938.68	\$0.1244	255	350,282	\$44,482.88	\$0.1270	255	279,725	\$37,007.69	\$0.1323	255	275,088	\$36,491.09	\$0.1327	25
Commercial (1 Ph-Out - w/Demand)	EC10	24	31,736	\$3,922.40	\$0.1236	24	29,420	\$3,757.18	\$0.1277	24	25,782	\$3,300.75	\$0.1280	24	30,192	\$3,885.43	\$0,1287	
Total Commercial (1 Ph) w/Demand		281	425,035	\$52,861.08	\$0.1244	279	379,702	\$48,240.06	\$0.1270	279	305,507	\$40,308.44	\$0.1319	279	305,280	\$40,376.52	\$0.1323	3 28
																	7311377	
Commercial (3 Ph-Out - No Dmd)	EC40	2	40	\$40.37	\$1.0093	2	80	\$44.86	\$0.5608	2	40	\$40.37	\$1.0093	2	15,040	\$1,719.24	\$0.1143	-
Total Commercial (3 Ph) No Dmd		2	40	\$40.37	\$1.0093	2	80	\$44.86	\$0.5608	2	40	\$40.37	\$1,0093	2	15,040	\$1,719.24	\$0.1143	,
Commercial (3 Ph-In - w/Demand)	FC2	207	1.001.407	0040 075 40	00.4074	200	7707.544											
	EC3	207	1,964,197	\$210,975.13	\$0.1074	208	1,707,544	\$189,181.38	\$0.1108	206	1,511,932	\$165,693.78	\$0.1096	205	1,414,090	\$158,505.09	\$0.1121	20
Commercial (3 Ph-Out - w/Demand)	EC3O	39	490,615	\$51,407.18	\$0.1048	39	396,941	\$44,312.51	\$0.1116	39	556,051	\$58,181.67	\$0.1046	39	438,660	\$48,468.19	\$0.1105	
Commercial (3 Ph-In - w/Dmd.&Sub-St.C	EC3S	2	186,840	\$18,491.86	\$0.0990	2	203,880	\$20,524.88		0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	
Commercial (3 Ph-Out - w/Dmd &Sub-St	E3SO	3	225,600	\$21,815.93	\$0.0967	3	89,680	\$10,157.73	COME IN THE THE PARTY PROPERTY.	3	135,280	\$13,741.63	\$0.1016	3	137,480	\$14,239.58	\$0.1036	
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	4,720	\$498.23	\$0.1056	1_	4,280	\$461.32	\$0.1078	1	2,400	\$284.95	\$0.1187	1	1,840	\$211.56	\$0.1150	1
Total Commercial (3 Ph) w/Demand		252	2,871,972	\$303,188.33	\$0.1056	253	2,402,325	\$264,637.82	\$0.1102	249	2,205,663	\$237,902.03	\$0.1079	248	1,992,070	\$221,424.42	\$0.1112	2 24
Lorgo Power (lo. 11/Dmd & Ret)	C14	24	2 970 000	6040 000 05	60.0004		0.000.040	6000 F40 70										
Large Power (In - w/Dmd & Rct)	EL1	21	2,879,666	\$240,200.95	\$0.0834	21	2,689,846	\$229,516.76		21	2,693,896	\$220,257.42	\$0.0818	21	2,403,640	\$211,797.66	\$0.0881	2
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	1	919,537	\$66,154.60	\$0.0719	1	878,844	\$65,588.24	\$0.0746	3	1,099,839	\$82,880.55	\$0.0754	3	994,472	\$79,375.27	\$0.0798	
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	1	296,400	\$27,432.02	\$0.0926	1	307,200	\$27,818.14		1	332,400	\$28,057.68	\$0.0844	1	295,200	\$26,076.76	\$0.0883	1
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	78,359	\$12,388.66	\$0.1581	2	78,297	\$6,047.70	\$0.0772	2	79,597	\$5,934.15	\$0.0746	2	70,607	\$7,256.69	\$0.1028	4 1
Total Large Power		25	4,173,962	\$346,176.23	\$0.0829	25	3,954,187	\$328,970.84	\$0.0832	27	4,205,732	\$337,129.80	\$0.0802	27	3,763,919	\$324,506.38	\$0.0862	2 2
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,179,109	\$83,199.02	\$0.0706	1,	1,127,275	\$81,054.43	\$0.0719	1	1,206,433	\$83,318.08	\$0.0691	1	1,156,158	\$87,758.35	\$0.0759	1
Industrial (In - w/Dmd & Rct, No/SbCr)	El2	1	1,186,209	\$83,569.80	\$0.0705	1	1,158,099	\$83,221.66	\$0.0719	1	1,128,579	\$79,886.73	\$0.0708	1	1,023,505	\$77,586.44	\$0.0758	1-
Total Industrial		2	2,365,318	\$166,768.82	\$0.0705	2	2,285,374	\$164,276.09	\$0.0719	2	2,335,012	\$163,204.81	\$0.0699	2	2,179,663	\$165,344.79	\$0.0759	-
Landau de la																		
Interdepartmental (In - No Dmd)	ED1	8	45,505	\$4,669.28	\$0.1026	8	32,267	\$3,472.77	\$0.1076	8	34,464	\$3,802.92	\$0.1103	8	63,180	\$6,320.99	\$0.1000	1 1
Interdepartmental (Out - No Dmd)	ED10	0	0	\$0.00	\$0.0000	0	0	\$0.00		0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	1
Interdepartmental (Out - w/Dmd)	ED2O	2	961	\$128.94	\$0.1342	2	743	\$106.42		2	327	\$59.81	\$0.1829	2	238	\$50.86	\$0.2137	
Interdepartmental (In - w/Dmd)	ED2	27	22,259	\$2,753.37	\$0.1237	27	25,670	\$3,168.51	\$0.1234	29	36,570	\$4,336.96	\$0.1186	27	49,447	\$5,868.15	\$0.1187	
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	207,274	\$20,069.48	\$0.0968	11	161,092	\$16,726.53	\$0.1038	11	214,542	\$21,414.53	\$0.0998	11	205,612	\$21,129.50	\$0.1028	
Interdepartmental (Street Lights)	EDSL	7	62,879	\$5,848.05	\$0.0930	7	62,879	\$5,849.08	\$0.0930	7	62,879	\$5,862.30	\$0.0932	7	62,879	\$5,850.15	\$0.0930	
Interdepartmental (Traffic Signals)	EDTS	14	1,707	\$157.86	\$0.0925	14	1,820	\$168.31	\$0.0925	15	1,974	\$182.51	\$0.0925	15	1,837	\$169.84	\$0.0925	1
Generators (JV2 Power Cost Only)	GJV2	1	15,735	\$630.97	\$0.0401	1	17,347	\$621.37	\$0.0358	1	17,671	\$662.84	\$0.0375	1	19,199	\$676.19	\$0.0352	
Generators (JV5 Power Cost Only)	GJV5	1	12,197	\$489.10	\$0.0401	1	11,408	\$408.63		1	12,297	\$461.26	\$0.0375	1	13,204	\$465.04	\$0.0352	
Total Interdepartmental		71	368,517	\$24.747.06	¢0.0042	74	242.026	£20 £24 £2	to 0074	74	200.704	*20 702 42	***			440,500,70		
				\$34,747.05	\$0.0943	71	313,226	\$30,521.62	\$0.0974	74	380,724	\$36,783.13	\$0.0966	72	415,596	\$40,530.72	\$0.0975	7
SUB-TOTAL CONSUMPTION & DEMAND	)	5,885	14,551,047	\$1,344,030.05	\$0.0924	5,885	12,700,595	\$1,191,912.95	\$0.0938	5,900	12,789,555	\$1,165,004.47	\$0.0911	5,867	12,294,695	\$1,179,565.56	\$0.0959	5,87
Street Lights (In)	SLO	15	0	\$13.59	\$0.0000	14.	0	\$13.43	\$0.0000	15	0	\$13.59	\$0.0000	15	n	\$13.59	\$0.0000	1
Street Lights (Out)	SLOO	2	0	\$0.77	\$0.0000	2	0	\$0.77		2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	
Total Street Light Only		17	0	\$14.36	\$0.0000	16	0	\$14.20	\$0.0000	17	0	\$14.36	\$0.0000	17	0	\$14.36	\$0.0000	1
				¥14.30	40.0000			\$14.20	\$0.0000			₽14.30	\$0,0000		0	314.30	\$0.0000	<sup>1</sup>
TOTAL CONSUMPTION & DEMAND		5,902	14,551,047	\$1,344,044.41	\$0.0924	5,901	12,700,595	\$1,191,927.15	\$0.0938	5,917	12,789,555	\$1,165,018.83	\$0.0911	5,884	12,294,695	\$1,179,579.92	\$0.0959	5,894

BULLING SUMMARY AN	0.00				DIL	LING DETERN	MINANIS						
BILLING SUMMARY AN	D COI	<u> </u>											
2016 - APRIL BILLING WITH MARCH 20	16 DATA	Ł											
Class and/or	Ditt	Feb-16	Feb-16	0-4/1461	Mar-16				TOTAL	TOTAL	Avg.Cost	Avg.Num.	Avg.Per.%
Schedule	Rate Code	(kWh Usage)	Billed	Cost / kWH For Month	# of Bills	Mar-16 (kWh Usage)	Mar-16 Billed	Cost / kWH For Month	PRIOR 12 MO	PRIOR 12 MO	Per kWH For Period	of Bills For Period	of Bills
Residential (Dom-In)	E1	2,336,473	\$233,564.23	\$0.1000	3,345	2.347.687	\$244.491.10	\$0.1041	26,350,395	\$2,760,914.21	\$0.1048	3,347	56.7166
Residential (Dom-In) w/Ecosmart	E1E	4,542	\$469.07	\$0.1000	3,343	4,327	\$468.00	\$0.1041	61,949	\$6,640.15	\$0.1046	3,347	0.1666
Residential (Dom-In - All Electric)	E2	655,616	\$63,527.74	\$0.0969	608	756,980	\$76,046.71	\$0.1005	5,991,142	\$617,203.18	\$0.1030	608	10.30169
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	545	\$55.80	\$0.1024	1	597	\$63.13	\$0.1057	8,164	\$852.89	\$0.1045	1	0.01699
											00.10.0		0.01007
Total Residential (Domestic)		2,997,176	\$297,616.84	\$0.0993	3,963	3,109,591	\$321,068.94	\$0.1033	32,411,650	\$3,385,610.43	\$0.1045	3,966	67.20189
Residential (Rural-Out)	ER1	907,174	\$94,694.90	\$0.1044	759	875,454	\$95,412.70	\$0.1090	8,898,511	\$982,799.88	\$0.1104	752	12.74149
Residential (Rural-Out) w/Ecosmart	ER1E	3,834	\$408.52	\$0.1066	4	3,230	\$364.37	\$0.1128	32,376	\$3,723.37	\$0.1150	4	0.06789
Residential (Rural-Out - All Electric)	ER2	551,963	\$56,838.04	\$0.1030	384	587,960	\$62,814.15	\$0.1068	5,420,928	\$590,303.13	\$0.1089	386	6.54165
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2,918	\$300.36	\$0.1029	2	2,960	\$317.12	\$0.1071	22,268	\$2,471.21	\$0.1110	2	0.03399
Residential (Rural-Out w/Dmd)	ER3	25,972	\$2,651.52	\$0.1021	16	30,157	\$3,181.29	\$0.1055	385,722	\$40,254.90	\$0.1044	15	0.25709
Residential (Rural-Out - All Electric w/Dm		10,004	\$1,051.19	\$0.1051	9	11,290	\$1,222.89	\$0.1083	135,290	\$14,540.01	\$0.1075	9	0.15259
	Marie Street Lot, Marrie Labor								***********	***************************************		*********	
Total Residential (Rural)		1,501,865	\$155,944.53	\$0.1038	1,174	1,511,051	\$163,312.52	\$0.1081	14,895,095	\$1,634,092.50	\$0.1097	1,168	19.79419
Commercial (1 Ph (n. No Dmd)	EC2	£2 20£	\$C E01 70	60 1261	76	E2 C40	ec 000 00	60 1202	500 142	674 444 00	60 1224	74	4 25000
Commercial (1 Ph-Ord - No Dmd)	EC2	52,205	\$6,581.79 \$1.302.38	\$0.1261	75	53,648	\$6,982.89	\$0.1302	560,143	\$74,144.09	\$0.1324	74	1.2566%
Commercial (1 Ph-Out - No Dmd)	EC2O	8,018	\$1,392.38	\$0.1737	43	8,383	\$1,468.25	\$0.1751	100,140	\$17,519.52	\$0.1750	43	0.7229%
Total Commercial (1 Ph) No Dmd		60,223	\$7,974.17	\$0.1324	118	62,031	\$8,451.14	\$0.1362	660,283	\$91,663.61	\$0.1388	117	1.9796%
Commercial (1 Ph-In - w/Demand)	EC1	306,848	\$38,364.05	\$0.1250	255	337,026	\$42,741.72	\$0.1268	3,913,585	\$509,854.48	\$0.1303	257	4.3530%
Commercial (1 Ph-Out - w/Demand)	EC10	36,267	\$4,391.42	\$0.1211	24	41,186	\$4,956.90	\$0.1204	415,727	\$52,665.71	\$0.1267	24	0.4137%
Total Commercial (1 Ph) w/Demand		343,115	\$42,755.47	\$0.1246	279	378,212	\$47,698.62	\$0.1261	4,329,312	\$562,520.19	\$0.1299	281	4.7667%
Commercial (3 Ph-Out - No Dmd)	EC40	400	\$79.67	\$0.1992	2	1,000	\$149.48	\$0.1495	18,160	\$2,470.18	\$0.1360	2	0.0339%
	2010												
Total Commercial (3 Ph) No Dmd		400	\$79.67	\$0.1992	2	1,000	\$149.48	\$0.1495	18,160	\$2,470.18	\$0.1360	2	0.0339%
Commercial (3 Ph-In - w/Demand)	EC3	1,396,306	\$152,228.19	\$0.1090	204	1,492,235	\$165,735.10	\$0,1111	18,924,167	\$2,131,480.80	\$0.1126	207	3.5002%
Commercial (3 Ph-Out - w/Demand)	EC3O	355,628	\$38,994.81	\$0.1097	39	379,416	\$42,543.57	\$0.1121	4,873,508	\$546,252.51	\$0.1121	39	0.6580%
Commercial (3 Ph-In - w/Dmd.&Sub-St.C	EC3S	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	1,220,040	\$129,071.13	\$0.1058	2	0.0254%
Commercial (3 Ph-Out - w/Dmd.&Sub-St.	E3SO	137,920	\$14,016.49	\$0.1016	3	149,800	\$15,798.47	\$0 1055	1,738,520	\$183,827.35	\$0.1057	3	0.0508%
Commercial (3 Ph-In - w/Demand, No Ta:		1,920	\$212.10	\$0.1105	1	2,160	\$242.85	\$0.1124	30,640	\$3,570.90	\$0.1165	1	0.0169%
Total Commercial (3 Ph) w/Demand		1,891,774	\$205,451.59	\$0.1086	247	2,023,611	\$224,319.99	\$0.1109	26,786,875	\$2,994,202.69	\$0.1118	251	4.2514%
Large Power (In - w/Dmd & Rct)	EL1	2,310,925	\$199,175.25	\$0.0862	21	2,561,160	\$221,085.42	\$0.0863	30,093,097	\$2,664,076.61	\$0.0885	21.	0.3530%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	1,009,639	\$77,760.04	\$0.0770	3	1,042,283	\$84,501.97	\$0.0811	10,285,502	\$798,070.16	\$0.0776	2	0.0282%
Large Power (Out - w/Dmd & Rct, w/SbC	EL20	246,000	\$21,470.29	\$0.0873	1	322,800	\$28,467.29	\$0.0882	3,601,200	\$333,832.55	\$0.0927	1	0.0169%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	85,654	\$6,264.07	\$0.0731	2	85,512	\$6,619.24	\$0.0774	896,503	\$104,625.44	\$0.1167	2	0.0339%
Total Large Power		3,652,218	\$304,669.65	\$0.0834	27	4,011,755	\$340,673.92	\$0.0849	44,876,302	\$3,900,604.76	\$0.0869	26	0.4321%
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	957,122	\$74,102.43	\$0.0774		1 104 711	690 770 02	60.0747	12 204 654	64 044 024 90	60.0760		0.04600/
Industrial (In - w/Dmd & Rct, W/SbCr)	EI2	896,274	\$67,913.52	\$0.0758	1	1,194,711	\$89,279.02 \$81,701.62	\$0.0747 \$0.0728	13,284,654 13,071,062	\$1,011,924.89 \$985,166.69	\$0.0762 \$0.0754	1	0.0169% 0.0169%
Total Industrial		1,853,396	\$142,015.95	\$0.0766	2	2,316,794	\$170,980.64	\$0.0738	26,355,716	\$1,997,091.58	\$0.0758	2	0.0339%
					-	_,,					73.5.50	-	2.000376
Interdepartmental (In - No Dmd)	ED1	79,167	\$7,560.57	\$0.0955	8	65,565	\$6,459.45	\$0.0985	863,376	\$85,008.51	\$0.0985	18	0.3050%
Interdepartmental (Out - No Dmd)	ED10	0	\$0.00	\$0.0000	0	05,505	\$0.00	\$0.0000	253	\$23.26	\$0.0919	0	0.0042%
Interdepartmental (Out - w/Dmd)	ED20	240	\$50.36	\$0.2098	2	192	\$45.93	\$0.2392	5,444	\$834.24	\$0.1532	2	0.0254%
Interdepartmental (In - w/Dmd)	ED2	77,462	\$8,762.54	\$0.1131	26	70,540	\$8,300.04	\$0.1177	1,181,559	\$116,683.89	\$0.0988	26	0.4391%
Interdepartmental (3Ph-In - w/Dmd)	ED3	257,347	\$25,478.65	\$0.0990	11	306,526	\$30,656.81	\$0.1000	1,938,874	\$199,293.84	\$0.1028	8	0.4391%
Interdepartmental (Street Lights)	EDSL	62,879	\$5,849.08	\$0.0930	7	62,879	\$5,849.08	\$0.0930	565,911	\$52,658.19	\$0.0931	5	0.0890%
Interdepartmental (Traffic Signals)	EDTS	2,189	\$202.38	\$0.0925	11	1,916	\$177.17	\$0.0935	16,558	\$1,530.04	\$0.0924	11	0.0890%
Generators (JV2 Power Cost Only)	GJV2	23 269	\$819.53	\$0.0352	1	21,905	\$781.57	\$0.0357	219,496	\$9,077.94	\$0.0324		0.0169%
Generators (JV5 Power Cost Only)	GJV5	15,064	\$530.55	\$0.0352	1	16,067	\$573.27	\$0.0357	156,360	\$6,424.59	\$0.0411	1	0.0169%
Total Interdepartmental		517,617	\$49,253.66	\$0.0952	67	545,590	\$52,843.32	\$0.0969	4,947,831	\$471,534.50	\$0.0953	72	1.2185%
SUB-TOTAL CONSUMPTION & DEMAND	D	12,817,784	\$1,205,761.53	\$0.0941	5,879	13,959,635	\$1,329,498.57	\$0.0952	155,281,224	\$15,039,790.44	\$0.0969	5,885	99.7120%
Street Lights (In)	SLO	0	<b>\$</b> 13.59	\$0.0000	16	1,463	\$191.76	\$0.1311	1,463	\$341.07	\$0.2331	15	0.2542%
Street Lights (Out)	SLOO	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	0	\$9.24	\$0.0000	2	0.0339%
Total Street Light Only		0	\$14.36	\$0.0000	18	1,463	\$192.53	\$0.1316	1,463	\$350.31	\$0.2394	17	0.2880%
TOTAL CONSUMPTION & DEMAND		12,817,784	\$1,205,775.89	\$0.0941	5,897	13,961,098	\$1,329,691.10	\$0.0952	155,282,687	\$15,040,140.75	\$0.0969	5,902	100.0000%
TO THE CONTROL HOLD DEMPHIE													



AMERICAN MUNICIPAL POWER INC ATTN TREASURY DEPT 1111 SCHROCK RD COLUMBUS OH 43229 00-0-M -Q-PC -061-04 0116208-00-00546-04 10812 Page 1 of 5

ACCOUNT NUMBER: 12-6239-05 AMERICAN MUNICIPAL POWER, INC. RATE STABILIZATION FUND FOR THE CITY OF NAPOLEON OHIO STABILIZATION FUND

This statement is for the period from February 1, 2016 to February 29, 2016

#### QUESTIONS?

If you have any questions regarding your account or this statement, please contact your Account Manager or Analyst.

Account Manager: SCOTT R. MILLER CN-OH-TT4 CN-OH-W6CT 425 WALNUT ST. CINCINNATI, OH 45202 Phone 614-849-3402 E-mail scott.miller6@usbank.com

Analyst: CAROLYN KETCHMARK Phone 651-466-6197



00-0-M -Q-PC -061-04 01081204 10812 0116208-00-00546-04 Page 2 of 5

ACCOUNT NUMBER: 12-6239-05
AMERICAN MUNICIPAL POWER, INC.
RATE STABILIZATION FUND FOR
THE CITY OF NAPOLEON OHIO
STABILIZATION FUND

This statement is for the period from February 1, 2016 to February 29, 2016

MARKET	VALUE SUMMARY	
	Current Period 02/01/16 to 02/29/16	
Beginning Market Value	\$1,290,429.03	
Investment Results		
Interest, Dividends and Other Income	6.60	
Total Investment Results	\$6.60	
Ending Market Value	\$1,290,435.63	





00-0-M -Q-PC -061-04 01081204 10812 0116208-00-00546-04 Page 3 of 5

ACCOUNT NUMBER: 12-6239-05 AMERICAN MUNICIPAL POWER, INC. RATE STABILIZATION FUND FOR THE CITY OF NAPOLEON OHIO STABILIZATION FUND

This statement is for the period from February 1, 2016 to February 29, 2016

nares or ace Amount	Security Description	Market Value/ Price	Tax Cost/ Unit Cost	% of Total Yield at Market	Est Ann Ir
Cash Equi	valents				
1,290,435.630	First American Government Obligation Fund CI A 31846V849	1,290,435.63 1.0000	1,290,435.63 1.00	100.0 .01 **	78.72
Total Cash	n Equivalents	\$1,290,435.63	\$1,290,435.63	100.0	\$78.72
Cash					
	Principal Cash	- 435.63	- 435.63		
	Income Cash	435.63	435.63		
	Total Cash	\$0.00	\$0.00	0.0	
Total Ass	sets	\$1,290,435.63	\$1,290,435.63	100.0	\$78.72

#### **ASSET DETAIL MESSAGES**

Time of trade execution and trading party (if not disclosed) will be provided upon request.

Publicly traded assets are valued in accordance with market quotations or valuation methodologies from financial industry services believed by us to be reliable. Assets that are not publicly traded may be reflected at values from other external sources. Assets for which a current value is not available may be reflected at a previous value or as not valued, at par value, or at a nominal value. Values shown do not necessarily reflect prices at which assets could be bought or sold. Values are updated based on internal policy and may be updated less frequently than statement generation.

For further information, please contact your Analyst.

\*\* The Yield at Market set forth in this statement for any money market fund is based on the interest rate applicable to that money market fund as of the last business day of the statement period only and may not be relied upon as (i) a yield estimate for the statement period as a whole, or (ii) a guarantee of future performance.



00-0-M -Q-PC -061-04 01081204 10812 0116208-00-00546-04 Page 4 of 5

ACCOUNT NUMBER: 12-6239-05 AMERICAN MUNICIPAL POWER, INC. RATE STABILIZATION FUND FOR THE CITY OF NAPOLEON OHIO STABILIZATION FUND

This statement is for the period from February 1, 2016 to February 29, 2016

CASH SUMN			6 - 442 - 5 - 45 - 4 - 18 - 18 - 18 - 18 - 18 - 18 - 18
	Income Cash	Principal Cash	Tota Cash
Beginning Cash Balance as of 02/01/2016	\$429.03	- \$429.03	\$.00
Taxable Interest	6.60		6.60
Net Money Market Activity		- 6.60	- 6.60
Ending Cash Balance as of 02/29/2016	\$435.63	- \$435.63	\$0.00

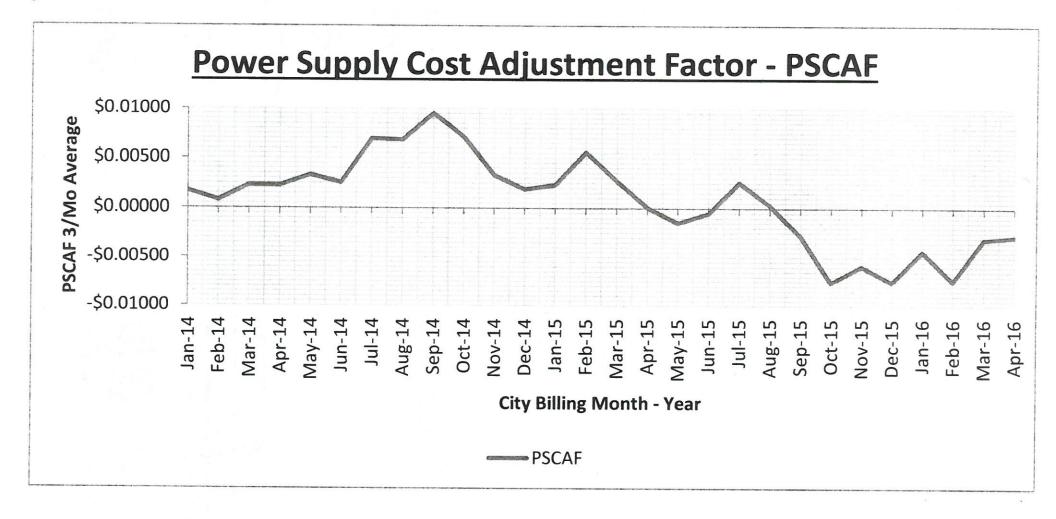




ACCOUNT NUMBER: 12-6239-05
AMERICAN MUNICIPAL POWER, INC.
RATE STABILIZATION FUND FOR
THE CITY OF NAPOLEON OHIO
STABILIZATION FUND

This statement is for the period from February 1, 2016 to February 29, 2016

ana displayanting to a	TRANS	The state of the s	والمراجعة	and the state of the state of the substitute of the state
Date Posted	Description	Income Cash	Principal Cash	Tax Cost
	Beginning Balance 02/01/2016	\$429.03	- \$429.03	\$1,290,429.03
02/01/16	Interest Earned On First Amer Govt Oblig Fund CI A Interest From 1/1/16 To 1/31/16 31846V849	6.60		
02/02/16	Purchased 6.6 Units Of First Amer Govt Oblig Fund CI A Trade Date 2/2/16 31846V849		- 6.60	6.60
	Ending Balance 02/29/2016	\$435.63	- \$435.63	\$1,290,435.63



		ear for Sar	Current	Prior Month	Prior Year	1		Current	Prior Month	Prior Year
	Service	Service	April	March	April	Service	Service	April	March	April
Customer Type	Usage	<u>Units</u>	2016 Rate	2016 Rate	2015 Rate	<u>Usage</u>	<u>Units</u>	2016 Rate	2016 Rate	2015 Rate
Customer Type ->		RESIDE	NTIAL USE	R - (w/Gas He	at)		RESIDI	ENTIAL USE	R - (All Elect	ric)
Customer Charge			\$6.00	\$6.00	\$6.00	<b></b>	1	\$6.00	\$6.00	\$6.00
Distribution Energy Charge			\$20.93	\$20.93	\$20.93			\$33.39	\$33.39	\$33.39
Distribution Demand Charge			- 420.00					7.2.2.2.2		
Power Supply Energy Charge	978	kWh	\$71.20	\$71.20	\$71.20	1,976	kWh	\$143.85	\$143.85	\$143.85
Power Supply Demand Charge				Ψ11.20		1,,0.0		,		
PSCAF - Monthly Factor	978	kWh	-\$2.83	-\$3.10	\$0.05	1,976	kWh	-\$5.71	-\$6.26	\$0.10
kWH Tax- Level 1	978	kWh	\$4.55	\$4.55	\$4.55	1,976	kWh	\$9.19	\$9.19	\$9.19
kWH Tax- Level 2			<b>4</b> 30	730				,		
kWH Tax- Level 3										
Total Electric			\$99.85	\$99.58	\$102.73			\$186.72	\$186.17	\$192.53
Water	6	CCF	\$42.27	\$41.37	\$39.57	11	CCF	\$68.02	\$66.37	\$63.07
Sewer (w/Stm.Sew. & Lat.)	6	CCF	\$70.89	\$64.63	\$54.58	-11	CCF	\$98.89	\$90.08	\$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
					4404.05		-	A404.44	4400.05	0407.05
Sub-Other Services			\$140.66	\$133.50	\$121.65		_	\$194.41	\$183.95	\$167.35
Total Billing - All Services			\$240.51	\$233.08	\$224.38			\$381.13	\$370.12	\$359.88
Verification Totals->			\$240.51	\$233.08	\$224.38			\$381.13	\$370.12	\$359.88
				Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr				Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr
Dollar Chg.to Prior Periods				\$7.43	\$16.13				\$11.01	\$21.25
% Inc/Dec(-) to Prior Periods				3.19%	7.19%				2.97%	5.90%
	=====	====	======	=======		<u> </u> =====	====	======	=======	======
Cost/kWH - Electric	978	kWh	\$0.10210	\$0.10182	\$0.10504	1,976	kWh	\$0.09449	\$0.09422	\$0.09743
% Inc/Dec(-) to Prior Periods	370	KVVII	ψ0.10210	0.27%	-2.80%	1,070		Ψ0.00110	0.29%	-3.02%
Cost/CCF - Water	6	CCF	\$7.04500	\$6.89500	\$6.59500	11	CCF	\$6.18364	\$6.03364	\$5.73364
Cost/GALLONS - Water	4,488	GAL	\$0.00942	\$0.00922	\$0.00882	8,229	GAL	\$0.00827	\$0.00807	\$0.00766
% Inc/Dec(-) to Prior Periods				2.18%	6.82%				2.49%	7.85%
Cost/CCF - Sewer	6	CCF	\$11.81500	\$10.77167	\$9.09667	11	CCF	\$8.99000	\$8.18909	\$6.98000
Cost/GALLON - Sewer	4,488	GAL	\$0.01580	\$0.01440	\$0.01216	8,229	GAL	\$0.01202	\$0.01095	\$0.00933
% Inc/Dec(-) to Prior Periods			-	9.69%	29.88%				9.78%	

2016 MARCH - ELECTRIC PS										
Rate Comparisons to Prior Month a								-		
			Current	Prior Month	Prior Year	T		Current	Prior Month	Prior Year
	Service	Service	April	March	April	Service	Service	April	March	April
Customer Type	<u>Usage</u>	<u>Units</u>	2016 Rate	2016 Rate	2015 Rate	Usage	Units	2016 Rate	2016 Rate	2015 Rate
C			IAL LIGED	(0 DI (0						
Customer Type -> Customer Charge	<u> </u>	DIVINERC		(3 Phase w/De		<u> </u>	<u>IDUSTRI</u>		3 Phase w/De	
Distribution Energy Charge	7.040	LARGE	\$18.00	\$18.00	\$18.00	1	<u> </u>	\$100.00	\$100.00	\$100.00
Distribution Demand Charge	7,040		\$38.02	\$38.02	\$38.02	98,748	Reactive	\$2,303.85	\$2,303.85	\$2,303.8
Power Supply Energy Charge		kW/Dmd	\$92.86	\$92.86	\$92.86	1510.1	kW/Dmd	\$8,215.30	\$8,215.30	\$8,215.30
	7,040	kWh	\$623.04	\$623.04	\$623.04	866,108	kWh	\$39,165.42	\$39,165.42	\$39,165.42
Power Supply Demand Charge						1		\$15,296.55	\$15,296.55	\$15,296.55
PSCAF - Monthly Factor	7,040	kWh	-\$20.35	-\$22.32	\$0.35			-\$2,377.90	-\$2,608.29	\$41.14
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		<del>-</del>	\$782.03	\$780.06	\$802.73			\$65,856.83	\$65,626.44	¢60.075.07
			0.02.00	Ψ700.00	\$002.73			\$03,030.03	\$05,020.44	\$68,275.87
Water	25	CCF	\$137.32	\$133.57	\$126.07	300	CCF	\$1,555.51	\$1,555.51	\$1,420.51
Sewer (w/Stm.Sew. & Lat.)	25	CCF	\$178.69	\$162.74	\$138.94	300	CCF	\$1,718.69	\$1,562.49	\$1,359.94
Storm Water (Rate/ERU)			\$9.50	\$9.50	\$9.50			\$330.00	\$330.00	\$330.00
Refuse (Rate/Service)			\$5.00	\$5.00	\$5.00			\$5.00	\$5.00	\$5.00
Sub-Other Services			\$330.51	\$310.81	\$279.51			\$3,609.20	\$3,453.00	\$3,115.45
Total Billing - All Services			\$4.440.54	64 000 07						
Verification Totals->			<b>\$1,112.54</b> \$1,112.54	\$1,090.87	\$1,082.24			\$69,466.03	\$69,079.44	\$71,391.32
vermeation rotals->			\$1,112.54	\$1,090.87	\$1,082.24			\$69,466.03	\$69,079.44	\$71,391.32
Dollar Chg.to Prior Periods				Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr	<b>-</b>			Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr
% Inc/Dec(-) to Prior Periods				\$21.67	\$30.30				\$386.59	-\$1,925.29
76 IIIC/Dec(-) to Filor Feriods				1.99%	2.80%	<b> </b>			0.56%	-2.70%
=========	====	=====	======	======:	======	=====	====	======	=======	======
Control of the transfer of the										
Cost/kWH - Electric	7,040	kWh	\$0.11108	\$0.11080	\$0.11402	866,108	kWh	\$0.07604	\$0.07577	\$0.07883
% Inc/Dec(-) to Prior Periods				0.25%	-2.58%				0.36%	-3.54%
Cost/CCF - Water	25	CCF	\$5.49280	\$5.34280	\$5.04280	300	CCF	\$5.18503	¢E 40500	Ø4 70500
Cost/GALLONS - Water	18,701	GAL	\$0.00734	\$0.00714	\$0.00674	224,415			\$5.18503	\$4.73503
% Inc/Dec(-) to Prior Periods	.0,701	OAL	ψ0.00734	2.81%	8.92%	224,415	GAL	\$0.00693	\$0.00693 0.00%	\$0.00633 9.50%
									0.0070	3.30 /6
Cost/CCF - Sewer	25	CCF	\$7.14760	\$6.50960	\$5.55760	300	CCF	\$5.72897	\$5.20830	\$4.53313
Cost/GALLON - Sewer	18,701	GAL	\$0.00956	\$0.00870	\$0.00743	224,415	GAL	\$0.00766	\$0.00696	\$0.00606
% Inc/Dec(-) to Prior Periods			71.30000	9.80%	28.61%	227,413	OAL	Ψ0.00700	10.00%	26.38%
(Listed Assounts Assume SAME LISA										
(Listed Accounts Assume SAME USA										
(One "1" Unit CCF of Water = "Hundre										

## City of Napoleon, Ohio



#### SUMMARY OF MARCH 2016 OUTAGE/STANDBY CALL-OUTS

#### March 4, 2016:

Electric personnel were dispatched at 9:20 p.m. to 824 W. Graceway Dr. due to ½ power. The ½ power was due to bad split bolts at the house. The personnel replaced the bolts.

#### March 5, 2016:

Electric personnel were dispatched at 11:50 a.m. to 17102 County Road T due to electric problems. The personnel checked all the connections at the transformer and the socket. Customer stated that they were having problems with their well pump.

\_\_\_\_\_

#### March 8, 2016:

One employee was dispatched at 6:24 a.m. to 10 Park Ct. to do an emergency locate for a water main break.

#### March 11, 2016:

Electric personnel were dispatched at 4:02 p.m. to Woodlawn Ave. & Scott St. due to a traffic signal. The personnel inspected the traffic signal and found nothing wrong.

#### March 11, 2016:

Electric personnel were dispatched at 4:07 p.m. to R475 County Road 13A to disconnect power due to a barn fire.

#### March 16, 2016:

Electric personnel were dispatched at 5:25 p.m. to 619 N. Perry St. due to a power outage. The outage lasted forty five minutes and affected twenty eight customers. A metal band blew into the electric line and blew a fuse. The personnel replaced the fuse.

#### March 16, 2016:

Electric personnel were dispatched at 5:25 p.m. to the corner of Woodlawn Ave. & Scott St. due to a traffic signal that was flashing. The personnel reset the traffic signal.

#### March 22, 2016:

One employee was dispatched at 3:45 a.m. to 11725 County Road B due to voltage problems. Upon arrival voltage was found to be o.k.

#### March 26, 2016:

Electric personnel were dispatched at 9:15 a.m. to Scott St & Washington St. due to a traffic signal that was flashing. The personnel replaced a blown fuse.

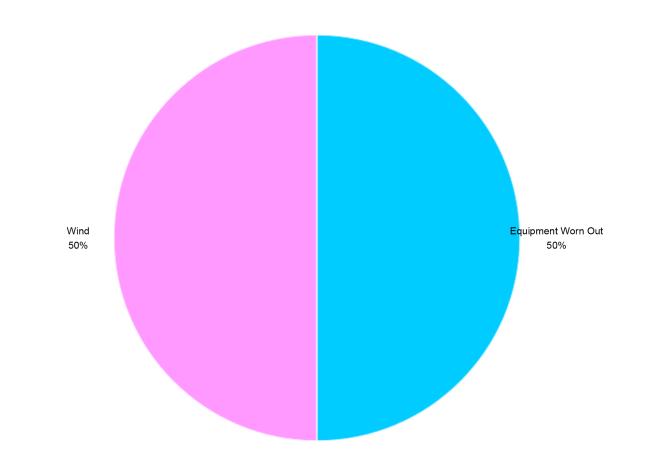
#### March 27, 2016:

Electric personnel were dispatched at 11:45 p.m. to the 600 block of Huddle Road due to lightning. It was a non-outage and the personnel will replace a bad capacitator at a later date.

# Causes Pie Chart

# City of Napoleon Ohio

Start Date:		Substation:	
03/01/2016			
End Date:		Circuit:	
03/31/2016			
Top-level Cause		Report on Outage:	
Unscheduled		<ul><li>Count</li></ul>	
		Duration	



1 of 2 4/7/2016 1:32 PM

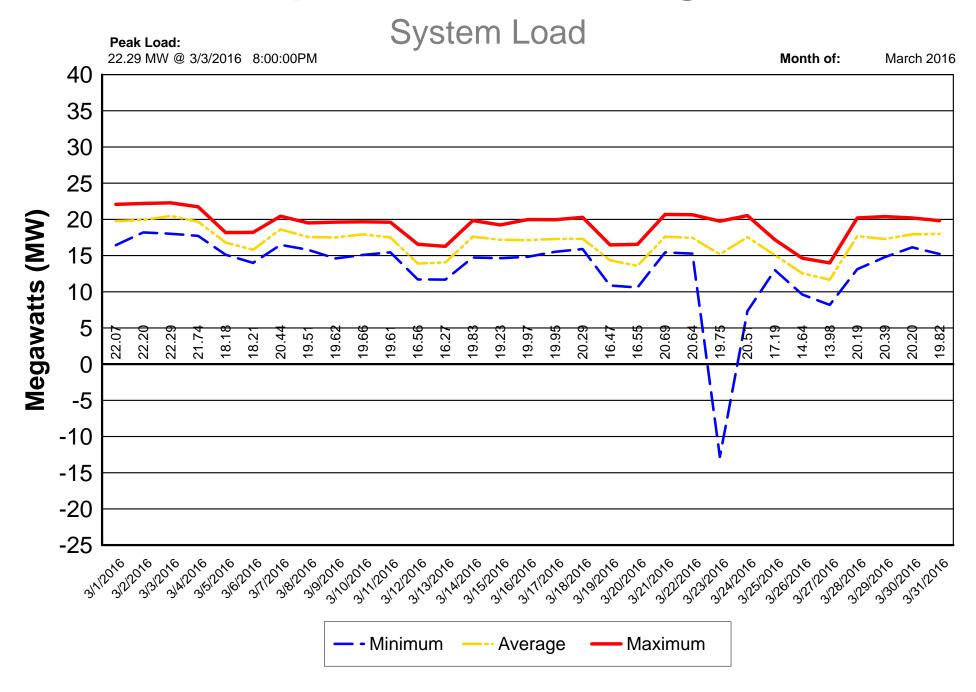
Outage Cause	Count
Equipment Worn Out	1
Wind	1
Total	2



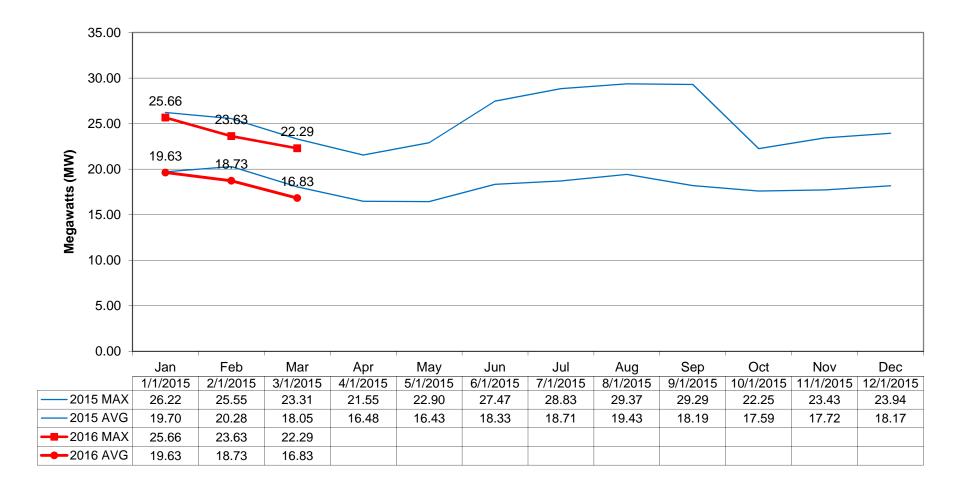


2 of 2

# Napoleon Power & Light



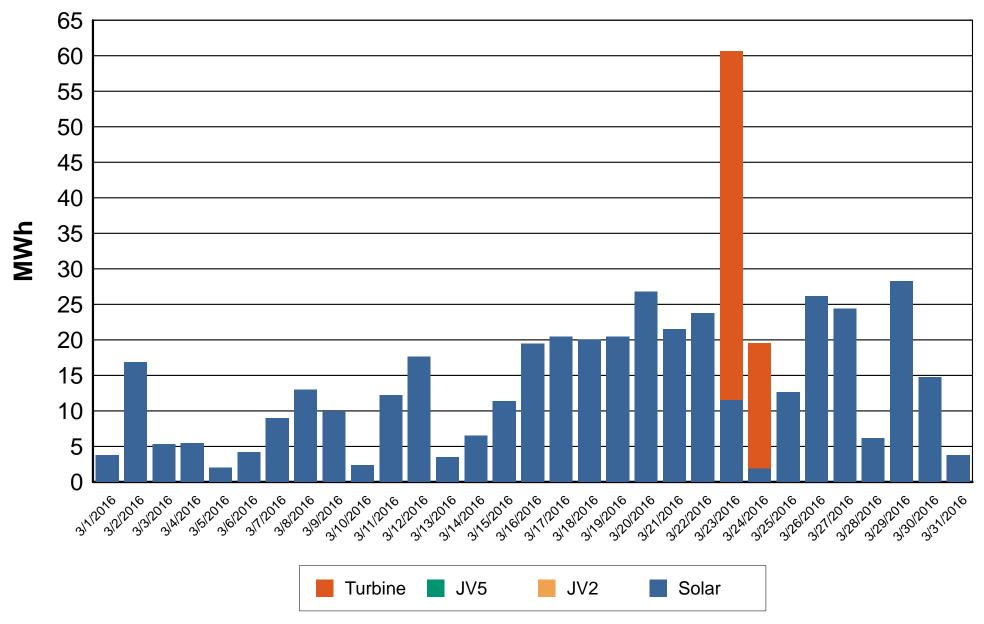
### **NAPOLEON POWER & LIGHT**



# **Napoleon Power & Light**

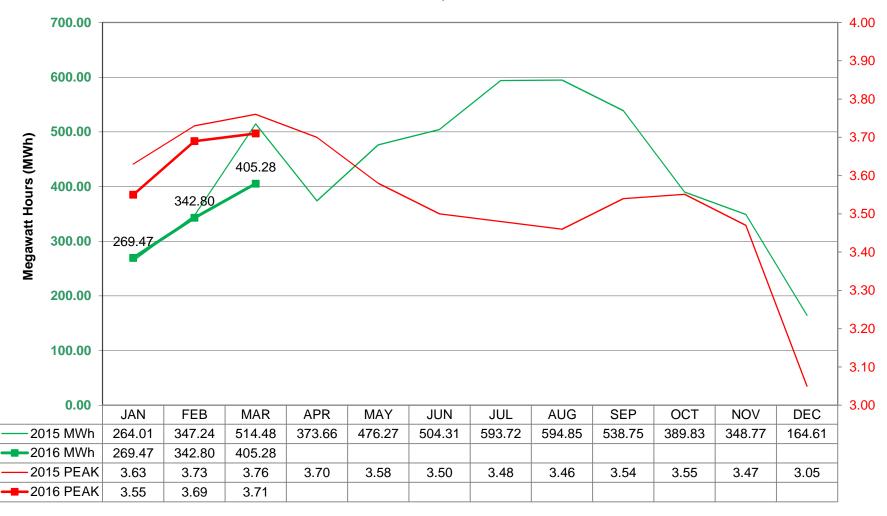
**Daily Generation Output** 

March 2016



# **NAPOLEON POWER & LIGHT**

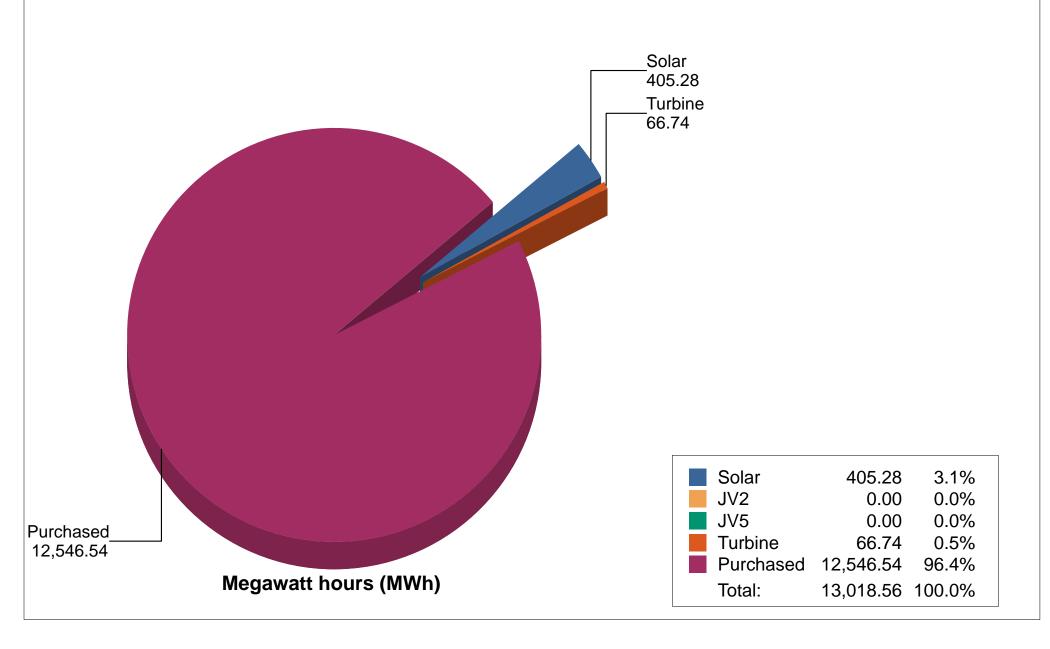
Solar Field Output Trend



# Napoleon Power & Light

Power Portfolio

March 2016



# City of Napoleon, Ohio Board of Public Affairs

LOCATION: Council Chambers, 255 West Riverview Avenue, Napoleon, Ohio

### Meeting Agenda Monday, April 11, 2016 at 6:30pm

- I. Approval of Minutes (In the absence of any objections or corrections, the Minutes shall stand approved)
- II. Review/Approval of the Power Supply Cost Adjustment Factor for April: PSCAF three (3) month averaged factor: \$0.00289

JV2: - \$ 0.014673 JV5: - \$ 0.014673

- III. Electric Department Report
- IV. AMP Project Update
- V. Any other matters currently assigned to the Committee
- VI. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

# City of Napoleon, Ohio Board of Public Affairs

### Special Meeting Minutes

Monday, March 14, 2016 at 6:45pm

PRESENT

Members City Staff Dr. David Cordes, Nick Frysinger Monica S. Irelan, City Manager Dennis Clapp, Electric Superintendent

Gregory J. Heath, Finance Director/Clerk of Council

Lisa L. Nagel, Law Director Jason P. Maassel, Mayor

Bobby Stites, Assistant MIS Director Tammy Fein (Anne Taylor attending)

**Recorder**Others
Tammy Fein (Anne Taylor a Joe Bialorucki, Jason Maass

Joe Bialorucki, Jason Maassel, Jeff Comadoll, Patrick McColley, Travis

Sheaffer, Dan Baer Mike DeWit – Chair

ABSENT Mike DeWit – Chair

Call To Order Acting Chairman Cordes called the meeting to order at 6:51pm.

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

or corrections.

**Review Of Power Supply Cost Adjustment Factor**  The electric Power Supply Cost Adjustment Factor for March was presented for

review.

BOPA Motion To Recommend Approval Of Power Supply Cost Adjustment Factor Motion: Frysinger Second: Cordes

To recommend approval of Power Supply Cost Adjustment Factor for March

2016 as follows:

PSCAF three (3) month averaged factor: -\$0.00317

JV2: \$0.035676 JV5: \$0.035676

Passed Roll call vote on above motion:

Yea- 2 Yea- Frysinger, Cordes

Nay- 0 Nay-

**Electric Department Report** Clapp distributed the Electric Department Report, summarizing the outages and

explaining the peak and average loads for the month.

**Any Other Matters** None

BOPA Motion To Adjourn | Motion: Cordes | Second: Frysinger

To adjourn the meeting at 6:55pm

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

Yea- 2 Yea- Frysinger, Cordes

Nav- 0 Nay-

Dr. David Cordes, Acting Chair

BOPA 3/14/16 page **1** of **1** 

# City of Napoleon, Ohio Water, Sewer, Refuse, Recycling & Litter Committee In Joint Session With City Council

LOCATION: Council Chambers, 255 West Riverview Avenue, Napoleon, Ohio

# Meeting Agenda Monday, April 11, 2016 at 7:00pm

- I. Approval of Minutes (In the absence of any objections or corrections, the Minutes shall stand approved)
- II. Update on Water Treatment Plant rehabilitation design
- III. Any other matters currently assigned to the Committee
- IV. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

# City of Napoleon, Ohio City Council In Joint Session With Water, Sewer, Refuse, Recycling & Litter Committee

LOCATION: Council Chambers, 255 West Riverview Avenue, Napoleon, Ohio

# Special Meeting Agenda Monday, April 11, 2016 at 7:00pm

- I. Approval of Minutes (In the absence of any objections or corrections, the Minutes shall stand approved)
- II. Update on Water Treatment Plant rehabilitation design
- III. Introduction of New Ordinance No. 012-16, An Ordinance Supplementing the Annual Appropriation Measure (Supplement No. 2) for the Year 2016; and Declaring an Emergency
- IV. Executive Session to discuss personnel
- V. Any other matters currently assigned to the Committee
- VI. Adjournment

Gregory Meath, Finance Director/Clerk of Council

### City of Napoleon, Ohio Water, Sewer, Refuse, Recycling & Litter Committee

### **Meeting Minutes**

#### Monday, January 11, 2016 at 7:00pm

**PRESENT** 

**Water & Sewer Committee** 

**City Staff** 

Monica Irelan, City Manager

Gregory Heath, Finance Director/Clerk of Council

Jeff Comadoll - Chair, Travis Sheaffer, Rita Small

Lisa Nagel, Law Director

Recorder **Others** 

**ABSENT** 

Tammy Fein

News Media; Mike DeWit; Patrick McColley; Jon Tassler

Call To Order

Chairperson Comadoll called the meeting to order at 7:00pm.

**Approval Of Minutes** 

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

**Review Of Unlimited Pickup Procedures (Tabled)** 

**Motion To Untable Unlimited** 

**Pickup Procedures** 

**Passed** Yea-3 Nav- 0

**Motion To Continue Unlimited Pickup Procedures As They Are Currently** 

**Passed** Yea-3 Nav- 0

**Review Of Water Contract Proposals With Satellite Customers** Discussion

Motion: Sheaffer Second: Small

To untable unlimited pickup procedures

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

Irelan reported that truck rental companies were contacted and no issues are anticipated in getting trucks for the upcoming unlimited pickups; this will be at a lower cost than last year with no foreseeable issues.

Motion: Sheaffer Second: Small

To continue with the unlimited pickup procedures as they are currently

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

Nay-

Irelan reviewed a PowerPoint presentation outlining the history of the negotiations with the satellite customers, as well as the current standing of the negotiations. Irelan outlined proposed requests from the satellite customers, including:

a bulk water rate based on actual cost to produce or treat drinking water with a markup of four dollars and twenty four cents (\$4.24) per one thousand (1,000) gallons; and,

creating a Board that is able to review rates and water production costs annually.

Review Of Water Contract Proposals With Satellite Customers (Continued) Irelan reported that the City offered a counterproposal including: an agreement that a bulk rate based on actual costs is reasonable, though this figure is still being debated;

offering for the Board to meet quarterly until trust is better established, then reduce the meetings to annually; and,

asked for some payment for Administration and Distribution costs, which were left out of their proposal.

Irelan reported that the satellite customers stated that they felt that it is too difficult to determine a means of calculating and verifying the cost of distribution and administrative costs and do not approve of the Cost of Service Study as calculated by John Courtney, and they feel they get no direct benefit of the elevated storage. Irelan reported that the sticking point is the distribution and administrative costs, and this has been the issue all along, adding that she plans on offering a compromise on the administrative costs and will try to find a logical, fact-based calculation for the distribution cost.

Comadoll asked what a customer on the City system will pay for one thousand gallons (1,000) of water; Irelan replied approximately eight dollars (\$8). Heath asked if debt was included in the conversion of the figure; Irelan replied that debt is included in cost breakdown and was charted separately for better explanation to the satellite customers, adding that the cost of finished water is \$4.40, and distribution cost is \$2.12. Sheaffer believes the Administrative Charges are applicable and should not be dismissed; Irelan reported that the County Engineer believes that one percent (1%) to three percent (3%) instead of the figure in the Cost of Service Study should be used for the Distribution Cost figure. Heath added the Distribution Cost includes maintenance of the towers as well: Comadoll and Sheaffer believe the satellite customers are receiving benefit from the tower. DeWit asked if the cost is adjusted based on the specific offer from the satellite customer; Irelan stated that previously there was an analysis completed, adding that the satellite customers still believe they can build a plant and make their own water at a lower cost, though they are beginning to understand the cost of producing water. Comadoll asked what the cost is for Bowling Green to produce one thousand (1,000) gallons of water; Irelan stated this cost may not be a similar comparison due to their reservoir along with using two (2) different types of treatment, adding that the City is currently in line with the market rates.

Motion To Allow City Manager To Continue Negotiations With The Satellite Customers

**Passed** 

Yea- 3

Nay-0

Any Other Matters Assigned To The Committee

**Motion To Adjourn** 

Motion: Sheaffer Second: Small

To allow the City Manager to continue negotiations with the satellite customers

Roll call vote on above motion:

Yea- Comadoll, Sheaffer, Small

Nay-

None

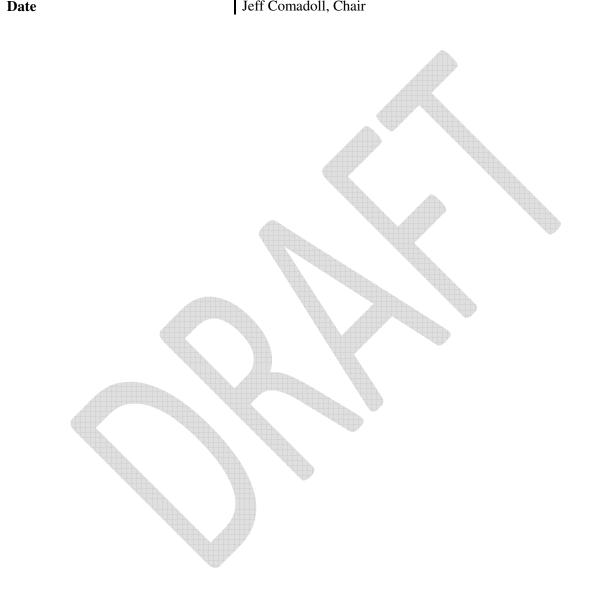
Motion: Sheaffer Second: Small

To adjourn the meeting at 7:15pm

page 2 of 3

WSRRL 1/11/2016

Passed	Roll call vote on above motion:
Yea- 3	Yea- Comadoll, Sheaffer, Small
Nay- 0	Nay-
D-4-	Leff Comodell Chair
	Leff Comadoll Chair



#### **ORDINANCE NO. 012-16**

AN ORDINANCE SUPPLEMENTING THE ANNUAL APPROPRIATION MEASURE (SUPPLEMENT NO. 2) FOR THE YEAR 2016; AND DECLARING AN EMERGENCY

### BE IT ORDAINED BY THE COUNCIL OF THE CITY OF NAPOLEON, OHIO:

- Section 1. That, the annual appropriation measure passed in Ordinance No. 062-15 and Ordinance No. 005-16 for the fiscal year ending December 31, 2016 shall be supplemented (Supplement No. 2) as provided in Exhibit "A" (one page), attached hereto and made a part hereof.
- Section 2. That, it is found and determined that all formal actions of this City Council concerning and relating to the adoption of this Ordinance were adopted in open meetings of this City Council, and that all deliberations of this City Council 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 the City of Napoleon, Ohio.
- Section 3. That, if any other prior Ordinance or Resolution is found to be in conflict with this Ordinance, then the provisions of this Ordinance shall prevail. Further, if any portion of this Ordinance is found to be invalid for any reason, such decision shall not affect the validity of the remaining portions of this Ordinance or any part thereof.
- Section 4. That, this Ordinance is declared to be an emergency measure necessary for the immediate preservation of the public peace, health or safety of the City and its inhabitants, and for the further reason that this legislation must be in effect at the earliest possible time because this Ordinance provides for appropriations for the current expenses of the City which are related to public peace, health or safety; therefore, provided it receives the required number of votes for passage as emergency legislation, it shall be in full force and effect immediately upon its passage; otherwise, it shall be in full force and effect at the earliest time permitted by law.

Passed:	
	Travis B. Sheaffer, Council President
Approved:	
	Jason P. Maassel, Mayor
VOTE ON PASSAGE Yea Nay Abstain	
Attest:	
Gregory J. Heath, Clerk/Finance Director	
I, Gregory J. Heath, Clerk/Finance Director of the City of N Ordinance No. 012-16 was duly published in the Northwest Signal, a on the day of,; & I furtestablished in Chapter 103 of the Codified Ordinances Of Napoleon of pertaining to Public Meetings.	newspaper of general circulation in said City, her certify the compliance with rules
Gregor	ry J. Heath, Clerk/Finance Director

# 2016 APPROPRIATION BUDGET - SUPPLEMENTAL BUDGET ADJUSTMENT BUDGET SUMMARY BY FUND, DEPARTMENT AND CATEGORY

BOBOLI GOMMANT DI TOND,	DEI AKTIMEN	II AND OAT	LOOKI	
	= 2016 SUPPLEM	IENTAL BUDGET	T ADJUSTMENT	2016
ORDINANCE No16, Passed / /2016	PERSONAL			FUND
FUND/DEPARTMENT-1ST QUARTER ADJUSTMEN		OTHER	TOTAL	
TONDIDE PARTIMENT TO T GOARTER ADDOOR MEN	OLIVIOLO	OTTLE	TOTAL	TOTAL
271 LAW ENFORCEMENT & EDUCATION FUND				
2100 Police/Safety Services	\$0	\$500	\$500	\$500
	========	========	========	
- 2100 Police/Saf.Serv Additional Requested for	supplies due to i	ncreased OVI	\$500:	
Accounts - 271.2100.53441 Contracts-Enforcement		\$500		
7				
274 MANDATORY DRUG FINE FUND				
2100 Police/Safety Services	\$0	\$1,000	\$1,000	\$1,000
,	=========	========	========	<b>\$1,000</b>
- 2100 Police/Saf.Serv Additional Requested for	cupalion due to i	norceased OVI	£4 000.	
			\$1,000:	
Accounts - 274.2100.56000 Miscellaneous Op.Cos		\$1,000		
277 DDODATION OFFICEDS OBANT FUND				
277 PROBATION OFFICERS GRANT FUND				
1810 Municipal Court/Probation Department	\$0	\$1,301.00	\$1,301.00	\$1,301.00
	========	========	========	
- 1810 Mun.CtProbation Dept Increase in Grant	t Amount for Train	ning and Transpo	ortation Expense	- \$1.301:
Accounts - 277.2016.52000 Travel & Training		\$801.00		
Accounts - 277.2016.53300 Service Fees-Professi		\$500.00		
510 WATER REVENUE FUND				
6200 Water/Treatment Plant Operations	\$0	\$400,000	\$400,000	\$400,000
obo mater meaning the first of	=======	========	=======	\$ <del>400,000</del>
6200 Motor/Trimet Bland Add Advance Franchis	M-4 DI4 II			
- 6200 Water/Trtmt.Plant -Addl.Advance Funding on Water Plant Upgrades, UV System to meet EPA timeline - \$400,000				
-NOTE: This expense will be rolled into the 519 W	ater Plant Ren.& I	mp. Fund once I	Final Funding is a	complete.
Accounts - 510.6200.57700 Water Improvements		\$400,000.00		
* GRAND TOTAL - ALL FUNDS	\$0	\$402,801.00	\$402,801.00	\$402,801.00
•	=========	=========	=========	=========



310 Glenwood Ave Box 151 Napoleon Ohio 43545 419-599-2810 Fax 419-599-7969 www.napoleonohio.com

# Napoleon City Police Department

#### 04/04/2016

Ms. Monica Irelan, City Manager City of Napoleon PO Box 151 255 W Riverview Ave, Napoleon Ohio 43545

Chief Robert L Weitzel Chief of Police City of Napoleon PO Box 151 310 Glenwood Ave, Napoleon Ohio 43545

RE: Blood and Urine testing for OVI violations

Ma'am,

We have had a great deal of Operating Vehicles Impaired (OVI) activity requiring the testing of blood and or urine so far this year. Unusually high activity that has required me to use almost all of the funds I allocated for 2016 in the first quarter of this year in the drug account. The alcohol account, although healthy at this time, is still anticipated to have high activity.

Due to the high activity, I am requesting that you approve an increase in our allotted funds for account **274.2100.56000** from the **274 FUND** in the amount of \$1000.00. Also, I am requesting an increase in account **271.2100.53441** from the **271 FUND** in the amount of \$500.00.

This should cover anticipated need for both accounts. Both FUNDS have sufficient balances as of 4/4/2016 to cover this increase.

Thank You,

Chief R L Weitzel

CC: G. Heath

#### **CCA Application 2016**

Organization: Napoleon Municipal Court Adult Probation Department

**Budget Summary** 

408-SP-2016-App-NapoMuniAPD-00027 Version Date: 03/22/2016 07:37:47

07-01-15 - 06-30-16

277.1810

**Total Program Budget:** 

\$50,590.00

This value is auto-filled by the Pre-Application which is completed

by BCS.

**Total Personnel** 

\$49,289

General Operating Expenses Appacent. Library - \$801

Program Expenses - Bus transportation

Equipment for offereurs 1000 5 00

\$500 > 1301.00 Other

Equipment

**Total Budget** 

\$50,590

Justification:

Was any new information added to this page that was not included in the FY15 application or was there information removed from this page that was included in the FY15 application?

Yes

✓ No

If yes, please summarize below any information that was added or removed from this page.

277-2016-52000 Travel & Training \$480100 277-2016-53300 Service Fees-Professional \$50000



# 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: Monica Irelan, City Manager

From: Chad E. Lulfs, P.E., P.S., Director of Public Works

cc: Mayor & City Council

Greg Heath, Finance Director

Scott Hoover, WTP Superintendent

**Date:** April 11, 2016

Subject: WTP UV Disinfection Improvements -

Supplemental Funding

Due to additional work that will need to be done as part of the WTP UV project, I am requesting a supplemental appropriation. The additional work will include: a second waterline from the plant; additional SCADA controls; temporary bypass pumping; and additional structural components. These additions will add to the cost of the project, but will be incorporated into the final phase of the project. The amount requested has been included with the legislation. If you have any questions or require additional information, please contact me at your convenience.

CEL

# City of Napoleon, Ohio Municipal Properties, Buildings, Land Use, & Economic Development Committee

LOCATION: Council Chambers, 255 West Riverview Avenue, Napoleon, Ohio

### Meeting Agenda Monday, April 11, 2016 at 7:30pm

- I. Approval of Minutes (In the absence of any objections or corrections, the Minutes shall stand approved.)
- II. St. Paul Methodist parking lot lease (Tabled)
- III. Draft Assessment Policy and Assessment Percentages (Tabled)
- IV. Review of Round House Road
- V. Review of Park Lane
- VI.Updated information from Staff on Economic Development (as needed)
- VII. 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, March 14, 2016 at 6:00pm

#### PRESENT Committee Members

Patrick McColley - Chair, Travis Sheaffer (arrived at 6:21pm), Jon Tassler,

Jason Maassel

City Staff Robert Weitzel, Police Chief

Greg Heath, Finance Director/Clerk of Council

Monica Irelan, City Manager

Chad Lulfs, Director of Public Works

Lisa Nagel, Law Director

Bobby Stites, Assistant MIS Director Tammy Fein (Anne Taylor attending)

Joe Bialorucki; News Media

Recorder Others

**ABSENT** 

Committee Staff

Call To Order

Chairman McColley called the meeting to order at 6:00pm.

**Approval Of Minutes** 

Minutes of the February 8 meeting stand approved as presented with no objections or corrections.

St. Paul Methodist Parking Lot Lease (Tabled)

Chairman McColley reported that the St. Paul Methodist Parking Lot Lease would remain tabled for further research.

McColley Moved The Agenda

McColley moved the agenda; there were no objections from the Committee.

2016 Miscellaneous Street Paving Project/2016 Microsurfacing Project McColley moved the 2016 Miscellaneous Street Paving Project and 2016 Microsurfacing Project up on the agenda due to time restraints; there were no objections from the Committee.

Irelan requested approval of the plans, specifications, documentation and contracts for the 2016 Miscellaneous Streets Project; this project consists of resurfacing First Street from the dead end to the first drive north of Oak Street; Oak Street from Daggett Drive to First Street; Pontious Place from South Perry Street to First Street; Lakeview Drive from the cul-de-sac to Oakwood Avenue; Bauman Place from the cul-de-sac to Lakeview Drive; Old Creek Drive from the cul-de-sac to Oakwood Avenue; and Oakwood Avenue from the overpass to the south side of the Oakwood Plaza; this project also includes the reconstruction of the alley from Lagrange Street north into the Chief Supermarket Parking Lot, with an Engineer's Estimate of Construction totaling approximately \$485,000. Irelan reported that there is \$550,000 budgeted for street paving in the 2016 budget.

Lulfs reported that alley entering Chief by Hills Restaurant is being proposed to be rebuilt due to the condition. Maassel asked how long this project would take as it would affect customer parking at the restaurant; Lulfs replied this could take two (2) weeks, adding that this was noted on the bid documents; Irelan added that Hills Restaurant does have alternate access. Tassler believes

2016 Miscellaneous Street Paving Project/2016 Microsurfacing Project (Continued) that six (6) parking spots will be affected. Irelan asked the Committee if they wanted this project to be completed at this time; the Committee stated that they do want this completed.

Lulfs reported that the side streets off Oakwood Avenue are part of the project, adding that the island on Lakeview Avenue will be pulled out as it currently inhibits plowing and emergency vehicles, adding that this portion of the project will take approximately three (3) days.

Lulfs reported that the First Street project will be completed in early August to be completed before the beginning of the fair, adding that there will be a major sewer project scheduled in 2021 in this area.

Lulfs reported that Oakwood Avenue project could be extended if the bids come in low enough; Maassel asked if this would cause heavy equipment to travel on the new project; Lulfs replied that there are portions that may need to be torn out however some portions may only need repair. Irelan added that the intent for next year is to pave roads that lead closer into the City.

Irelan requested approval of the plans, specifications, documentation and contracts for the 2016 Microsurfacing Project; this project consists of microsurfacing Woodlawn Avenue from West Clinton Street to Glenwood Avenue, with an Engineer's Estimate of Construction totaling approximately \$485,000. Lulfs reported that this application may be able to extend the life of the pavement up to nine (9) years, adding that he believes this may not be a popular project with the residents due to the newness of the current road, however this rating will help to preserve the life of the streets in the area. Lulfs added that this process seals the asphalt from water and improves the skid resistance and adds structural strength. Irelan stated that she believes this proactive project to be the direction of Council. Maassel asked how the railroad crossing would be handled; Lulfs stated that this has a process that will be completed up to the rail on both sides of the track. Lulfs added there are a limited number of joints with the railroad portion of the project, and should take approximately one (1) day to complete.

Motion To Recommend Council Approve 2016 Miscellaneous Street Paving Project And 2016 Microsurfacing Projects

Passed

Yea-4

Nay- 0

**Internal Standard Operating Procedure For Review Process** 

Motion: Maassel Second: Tassler
To recommend Council approve the 2016 Miscellaneous Street Paving Project
and the 2016 Microsurfacing Projects

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

Irelan distributed in the packet a memo regarding an internal Standard Operating Procedure for a review process; see attached. Irelan restated that she believes this should be a separate document, not part of the Engineering Rules; Sheaffer believes that having this as a written policy would be sufficient. Irelan stated that the language 'changes must be discussed at the Municipal Properties, Buildings, Land Use & Economic Development Committee' could be added; McColley agreed.

Motion To Approve Standard Operating Procedure For Review Process With Additional Language	Motion: Sheaffer Second: Tassler To approve standard operating procedure for review process with additional language		
Passed Yea- 4 Nay- 0	Roll call vote on above motion: Yea- Sheaffer, Maassel, Tassler, McColley Nay-		
Draft Assessment Policy And Assessment Percentages (Tabled)			
Motion To Untable Draft Assessment Policy And Assessment Percentages Passed Yea- 4 Nay- 0	Motion: Tassler Second: Sheaffer To untable draft Assessment Policy and assessment percentages  Roll call vote on above motion: Yea- Sheaffer, Maassel, Tassler, McColley Nay-  Irelan distributed a draft Assessment Policy for Committee review; see attached. Irelan stated that the ORC rules were not added to the Policy as they are already written and this policy is bound by those rules, and suggested this item be tabled to give the Committee time to review the draft Assessment Policy.		
Motion To Table Draft Assessment Policy And Assessment Percentages	Motion: Maassel Second: Sheaffer To table draft Assessment Policy and assessment percentages		
Passed Yea- 4 Nay- 0	Roll call vote on above motion: Yea- Sheaffer, Maassel, Tassler, McColley Nay-		
Review Updated Information From Staff On ED (As Needed)	None		
Motion To Adjourn	Motion: Tassler Second: Sheaffer To adjourn the meeting at 6:39pm.		
Passed: Yea- 4 Nay- 0	Roll call vote on motion: Yea- Sheaffer, Maassel, Tassler, McColley Nay-		
Date	Patrick McColley, Chair		

# City of Napoleon, Ohio Board of Zoning Appeals

LOCATION: Council Chambers, 255 West Riverview Avenue, Napoleon, Ohio

# Meeting Agenda Tuesday, April 12, 2016 at 4:30pm

I. Call to Order
II. Roll Call
III. Approval of Minutes (In the absence of any corrections or objections, the Minutes shall stand approved.)
IV. New Business
BZA 16-0 <b>1</b>
An application for public hearing has been filed by The Henry County Bank, owner of the building at
952 Fifth Street, Napoleon, Ohio on behalf of Delvin J. Chupa. The applicant is requesting a variance
to section 1145.01 the Table of Permissible Uses to allow this building to be used for private non-
commercial storage of the owner. All storage will be inside the structure. This property is located in a
R-3, Moderate Density Residential zone that otherwise doesn't allow a stand-alone storage building.
V. Closing Remarks
VI. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

# City of Napoleon, Ohio **Board of Zoning Appeals**

#### **Meeting Minutes**

Tuesday, October 13, 2015 at 4:30pm BZA 15-04 825 W. Washington Street

DD	ESE	N	T
ГΝ	L'OL	1.4	

Board Members City Staff Recorder Others Robert McLimans – Chair, Tom Mack, Laurie Sans Tom Zimmerman, Zoning Official

Tammy Fein

Mr. & Mrs. Melvin Wachtmann

**ABSENT** 

**Board Members** 

David Dill, Steve Small

Call To Order

Chairman McLimans called the meeting to order at 4:30pm with roll call noting that a quorum was present.

**Minutes Approved** 

Minutes from September 8 stand approved as read with no objections or corrections.

BZA 15-04: 825 W. Washington Street

An application for public hearing has been filed by David Hall, 825 W. Washington Street, Napoleon, Ohio. The applicant is requesting two variances:

#### Background On BZA 15-04

- 1. To reduce the current side yard setback of seven (7) feet to five feet and ten inches (5' 10") for the construction of a sixteen feet by twenty nine feet (16'x29') addition to the rear of the home.
- 2. To decrease the current front yard setback of thirty feet (30') to twenty one feet (21') to build a roof over their existing front porch.

The request is pursuant to City Code Chapter 175.

#### Research And Information

Zoning Official Zimmerman reported that this property is located in an R-2, Low Density Residential District; adding that the location of the proposed additions as requested meets all building and fire codes.

Zimmerman reported that he had spoken with the contractor regarding this project, who could not attend the meeting this evening, and Zimmerman is confident that he can report on this project regarding any questions from the Board.

#### Submittal Of Evidence

Zimmerman submitted photos of the property as evidence. Zimmerman reported that the back of the house requires egress; the upstairs windows meet this requirement. Zimmerman reported that the second Variance will require new steps and a new railing, and the homeowners are adding a post and a small section of roof; Zimmerman added that a Variance would not have been required merely for the front porch due to the small size, however he found it best to add this addition to the Variance for the changes to be officially approved. Zimmerman does not believe that the roof will cause a sight obstruction.

Zimmerman reported that letters were sent to all neighbors within two hundred (200) feet, with no replies received. Mr. and Mrs. Melvin Wachtmann attended the meeting,

stating that they are the neighbors across the street at 812 W. Washington Street. Mrs. Wachtmann reported that the Wachtmanns requested a Variance in 2000 after they were required to rebuild their barn due to a fire and the barn was required to be ten feet (10') off the alley; Mrs. Wachtmann reported that the requested Variance was denied and they were required to remove two (2) trees to ensure that their barn met the Zoning Code; Mrs. Wachtmann believed that they should have been grandfathered in, as the barn was there before the Zoning laws were created for that area, adding that they were merely here to observe the meeting with no objection to the requested Variance for Hall. Zimmerman stated that the Hall addition is more than ten feet (10') from the alley and the fire restrictions are only in effect at three feet (3'). McLimans apologized to the Wachtmanns for their previous denial, adding that the current Variance request will be based on the circumstances of this hearing. Mack stated that there is precedent regarding the requested offset, adding that he is in favor of approving this Variance.

Motion To Approve BZA 15-04 As Presented Motion: Mack Second: Sans To approve BZA 15-04 as presented

Passed Yea- 3 Nay- 0 Roll call vote on above motion: Yea- Sans, Mack, McLimans

Nay-

Adjournment

Motion: McLimans

To adjourn the meeting at 4:40pm

**Passed** 

Motion approved by unanimous voice vote.

Date

Robert McLimans, Chair

# City of Napoleon, Ohio Planning Commission

LOCATION: Council Chambers, 255 West Riverview Avenue, Napoleon, Ohio

# Meeting Agenda Tuesday, April 12, 2016 at 5:00pm

- I. Call to Order
- II. Roll Call
- III. Approval of Minutes (In the absence of any corrections or objections, the minutes shall stand approved.)
- IV. A Housing Council has been established in and for the City as provided for by the Ohio Revised Code. The council shall make an annual inspection of the properties within the community reinvestment areas in the City for which an exemption has been granted. The council shall also hear appeals from any property owner aggrieved from a decision made by the housing officer and shall have the authority to overrule any decision of the housing officer. The Housing Council shall be composed of two (2) members appointed by the Mayor, two (2) members appointed by motion of City Council, and one (1) member appointed by the City Planning Commission. The majority of the foregoing members shall then appoint two (2) additional members, all members being residents of the City. Terms of all members serving on the Housing Council shall be for three (3) years.
- V. Closing Remarks
- VI. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

#### City of Napoleon, Ohio

# **PLANNING COMMISSION Meeting Minutes**

Tuesday December 8, 2015 at 5:00pm
PC 15-04 303 W. Main Street Alley and Roadway Vacate

PC 15-04 303 W. Main Street Alley and Roadway Vacate				
PRESENT				
Members	Robert McLimans - Chair, Tim Barry, Fredric Furney			
City Staff	Tom Zimmerman, Building Official			
•	Monica Irelan, City Manager			
Recorder	Tammy Fein			
Others				
ABSENT	Mayor Ronald Behm, Marv Barlow			
Call To Order	Chairman McLimans called the meeting to order at 5:00pm, noting that a			
	quorum was present.			
<b>Approval Of Minutes</b>	Minutes from the August 11 meeting stand approved as presented with no			
TT	objections or corrections.			
	objections of corrections			
PC 15-04 Background	McLimans read the background on PC 15-04:			
	An application for a public hearing has been filed by The Napoleon Area City			
	School District requesting the City vacate an alley and roadway located in the			
	South and East parking lots of The Napoleon Middle School property at 303 W.			
	Main Street; this request is pursuant to City Code Chapter 909.			
	Wall Street, this request is pursuant to city code Chapter 505.			
PC 15-04 Research And	Zimmerman read the research and findings for PC 15-04:			
Findings	Ziminer main read the research and initiality story of the story			
gs	1. The City School District owns all the properties that touch both sides of the			
	requested vacations; the school, football field and parking lot are currently built			
	over these properties. All City Departments have reviewed and verified that this			
	City owned land is not used for any utilities and has no public purpose.			
	city owned tand is not used for any defines and has no public purpose.			
Evidence	Zimmerman submitted photos of the property as evidence.			
	Zimmerman submitted photos of the property as evidence.			
	Zimmerman reported that this property has school building built over numerous			
	streets and alleys; the request is to vacate these City owned properties and revert			
	them back to the owners.			
Motion To Approve	Motion: Furney Second: Barry			
PC 15-04	To approve PC 15-04			
Passed	Roll call vote on above motion:			
Yea- 3	Yea- Barry, McLimans, Furney			
Nay- 0	Nay-			
•				
Motion To Adjourn	Motion: Furney Second: Barry			
-	To adjourn the meeting at 5:02pm.			
	Motion approved by unanimous voice vote.			
Date	Robert McLimans, Chairperson			

# City of Napoleon, Ohio Housing Council

LOCATION: Council Chambers, 255 West Riverview Avenue, Napoleon, Ohio

# Meeting Agenda Tuesday, April 12, 2016 at 6:30pm

- I. Call the meeting to order by Clerk of Council
- II. Approval of Minutes
- III. Swearing in of Appointed Members of Housing Council
- IV. Appointment of Persons (2) to Housing Council Board
- V. Swearing in of Appointed Members of Housing Council
- VI. Election of Chair for Housing Council.
- VII. Review of Annual Recommendation from 2016 Tax Incentive Review Council (TIRC)
- VIII. Any other matters currently assigned to the Housing Council
- IX. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

#### City of Napoleon, Ohio

# HOUSING COUNCIL Meeting Minutes

#### Monday, April 6, 2015 at 6:30pm

**PRESENT** 

Members Patrick McColley - Chair, Chris Ridley, Travis Sheaffer, Kevin Yarnell,

Cheryl Hershberger, Joel Miller

City Staff Monica S. Irelan, City Manager

Trevor M. Hayberger, Law Director

Gregory J. Heath, Finance Director/Clerk of Council

Robert Weitzel, Police Chief

**Recorder** Tammy Fein

Others Amanda Griffith, CIC Director

**Absent** Jon Tassler

**Call To Order** Chairman McColley called the meeting to order at 6:30pm.

**Minutes** Minutes of the April 7, 2014 meeting stand approved as presented with no

objections or corrections.

Annual

Review/Inspection of CRA Premises

Information regarding the current five (5) CRA agreements, including Section C reports for each CRA, and photos of the properties was included in the distributed information.

Griffith stated that the Tax Incentive Review Council (TIRC) voted to continue the CRA agreements for MWA Enterprises, which had two (2) CRA agreements to be approved, with one (1) using the former name of MMD & Holdings; Koester Corporation; and Napoleon 1, LLC, however the TIRC did recommend expiring the CRA agreement for A&J, LLC as of December 31, 2014 with the understanding that the company will be invoiced the last abatement payment in September 2015; A&J, LLC will be informed of this by letter with their taxes in the upcoming year.

Griffith requested that the Housing Council approve the recommendations of the TIRC regarding the above listed CRA agreements.

Motion To Approve Expiring The CRA Agreement For A&J, LLC Motion: Ridley Second: Miller

To expire the CRA Agreement For A&J, LLC

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

Yea- 6 Yea- Sheaffer, Yarnell, Hershberger, Miller, McColley, Ridley

Nay- 0 Nay-

Motion To Approve CRA Agreements As

**Presented** 

Motion: Yarnell Second: Miller

To recommend approval of the TIRC recommendations regarding the CRA agreements for MWA Enterprises, one using the former name of MMD & Haldings V and Comparison Name and LLC and A&L LLC.

Holdings; Koester Corporation; Napoleon 1, LLC; and A&J, LLC

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

Yea- 6 Nay- 0 Yea- Sheaffer, Yarnell, Hershberger, Miller, McColley, Ridley Nay-

Motion To AdjournMotion: YarnellSecond: MillerHousing CouncilTo adjourn the Housing Council meeting at 6:35pm.

Passed
Yea- 6

Roll call vote on above motion:
Yea- Sheaffer, Yarnell, Hershbe

Yea- Sheaffer, Yarnell, Hershberger, Miller, McColley, Ridley

Nay-

**Date Approved:** 

Nay- 0

Patrick McColley, Chair

April 1, 2016

# **AMP** executes PPA for solar generation

By John Bentine – senior vice president/general counsel; and Pam Sullivan – executive vice president of power supply & generation

AMP and DG AMP Solar LLC, a wholly owned subsidiary of NextEra Energy Resources, a premier developer of renewable energy, executed a Solar Power Purchase Agreement (PPA) on March 29, 2016.

The PPA, in conjunction with the previously announced Joint Development Agreement between the parties, paves the way for 80 megawatts or more of solar generation "behind the meter" at 26 sites in AMP member communities. Additional sites will be considered.

The unique arrangement with NextEra will allow AMP members to benefit from pricing and terms that are better than other offers available from third parties and includes energy, capacity and 50 percent of the environmental attributes produced by the solar facilities.

AMP staff, especially Doug Garvey, Rachel Gerrick, Marty Hibbard, Lisa McAlister, Randy Meyer and Alice Wolfe, have done a tremendous job of keeping the project on track and getting us to this point. Now that the PPA has been executed, AMP staff is preparing the subscription packets including draft ordinances/resolutions, the Solar Power Sales Contract, summary financial analysis and recommended "up to" amounts. Those materials will be sent out in the next few days with an update of the Leidos feasibility study coming soon thereafter.

In the interim, please feel free to contact Pam at <a href="mailto:pseulivan@amppartners.org">pseulivan@amppartners.org</a> or John at <a href="mailto:jbentine@amppartners.org">jbentine@amppartners.org</a> for more information.

# Sign up now; limited spots available for AMP's lineworker training series

By Jennifer Flockerzie – technical services program coordinator

Those interested in AMP's lineworker training series are encouraged to sign up soon as the classes are filling up, with only limited spots remaining.

The Basic 1 lineworker course (June 13-17) is already full and a wait list has been started.

Availability for series classes:

- Basic 2 (Sept. 12-16): Five spots left
- Intermediate (June 27-July1): Four spots left
- Advanced (Oct. 3-7): Two spots left

Additional classes may be added if there is sufficient member interest.

Course details are available in AMP's 2016 training catalog, which is located on the <u>Member Extranet</u>. For more information or to register for a course, please contact me at 614.540.0853 or <u>iflockerzie@amppartners.org</u>.

# 2016 Technical Services Conference registration has been mailed

By Jennifer Flockerzie

Registration information for the 2016 AMP Technical Services Conference was mailed to members earlier this week. The conference will be held from 9 a.m. to 3:45 p.m. April 27 and 8:30 a.m. to noon April 28. A continental breakfast and lunch will be provided both days.

Electric utility managers, superintendents and technical staff are invited and encouraged to attend the event. Scheduled topics include:

- Accident Investigation
- Member Substation Rebuild
- Electric Vehicle Integration
- eReliability Tracker
- Leading Indicators in Safety
- Self Rescue Procedures
- AMP Project Updates

The event provides an opportunity to increase technical understanding and capabilities, learn about new products, strengthen relationships with other members as well as AMP staff, and exchange ideas with other utilities facing similar challenges.

Based on the current scheduled topics and allowed times, AMP will provide a certificate of attendance for four hours on Day 1 and up to 2.5 hours on Day 2 for continuing professional development credits as required by Section 4733.151 of the Ohio Revised Code for professional engineers and surveyors.

Registration information is available on the Member Extranet section of the AMP website. For more information, please contact me at <a href="mailto:iflockerzie@amppartners.org">iflockerzie@amppartners.org</a> or 614.540.0853.

### Homeowners take rooftop solar into their own hands

By David Deal - director of energy policy & sustainability

A Columbus-area group of homeowners, with ties to the national nonprofit group Community Power Network, is working to coordinate installation of residential solar arrays. The Ohio group also has another initiative underway in Lorain County near Cleveland.

Organizers say they intend to bundle together many rooftop projects and then hire the same installation contractor to do all of them in exchange for a bulk discount. A recent local article reported that Ben Delman, spokesman for Community Power Network, said they are aiming for a 20 percent discount.

AMP/OMEA wanted to alert members that groups such as this are forming with a goal focused on aggregating consumer demand. If groups like Community Power Network gain traction, they could impact municipal electric systems. We will continue to update members on this topic as it develops.

# **AFEC** weekly update

By Jerry Willman – assistant vice president of energy marketing

Fremont remained in 1x1 configuration for the week. PJM dispatched the plant to its minimum base level on Sunday and Monday morning due to low system prices.

During the weekday on-peak hours, the plant ran at full output with duct firing. CT #2 is expected to return to service by mid-April or earlier after repairs are completed on the exhaust replacement.

# Energy markets update

By Jerry Willman

The May 2016 natural gas contract closed down \$0.037/MMBtu to close at \$1.959 on its second day of trading as the new prompt month contract. The EIA reported an inventory withdrawal of 25 Bcf for the week ending March 25. The reported withdraw was close to expectations and, possibly, the last withdrawal of the season. Despite a brief cool front in the parts of the Midwest and Northeast next week, weather models have remained mostly moderate and early summer previews are anticipated to be cool south, warm everywhere else.

On-peak power prices for 2017 at AD Hub closed yesterday at \$36.43/MWh, which was \$0.07/MWh lower for the week.



### News or Ads?

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

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

Week end	ling April 1			
MON \$31.75	TUE \$30.28	WED <b>\$29.68</b>	THU \$26.27	FRI <b>\$26.88</b>
Week end	ding March 25	5		
MON \$31.39	TUE <b>\$24.70</b>	WED <b>\$25.34</b>	THU <b>\$24.60</b>	FRI <b>\$25.60</b>
AEP/Dayton 2017 5x16 price as of March 31 — \$36.43 AEP/Dayton 2017 5x16 price as of March 24 — \$36.50				

# **AMP to discontinue PPC** following 2016 spring edition

By Krista Selvage - director of media relations & communications

The Spring 2016 edition of Public Power Connections (PPC) was distributed on April 1 and includes articles on the leading causes of power outages, how a bucket truck works, ladder safety and the role of an electric superintendent.



Based on member feedback from recent focus groups, we are planning to discontinue

PPC in order to better concentrate on other communications needs. However, we welcome your feedback on what content we could provide to assist you in communicating with your customers. Please contact me at 614.540.6407 or kbselvage@amppartners.org.

Current and past editions of PPC are available on the Member Extranet section of the AMP website.

# AMP's Focus Forward Advisory **Council to meet on April 21**

By David Deal

The kickoff meeting for AMP's new Focus Forward Advisory Council will be held from noon to 2:30 p.m. April 21 at AMP headquarters. A call-in number for those who cannot attend in person will also be provided.

This new Focus Forward initiative will investigate and address issues regarding rate design, model ordinances and interconnection procedures. The council will be publishing resources and tools for member use and will be soliciting periodic input from member communities as these tools are developed in support of AMP's strategic approach to future utility model developments.

Lunch and refreshments will be provided for the April 21 meeting and council volunteers can expect a detailed agenda closer to the event date.

Thank you to the volunteers already signed up for this important initiative. If others are interested in participating, please contact me at ddeal@amppartners.org or 614.540.0840.

# Efficiency Smart develops partnerships to help those in need

By Steven Nyeste - communications project manager, Efficiency Smart

Since 2015, Efficiency Smart has developed partnerships with 18 community action agencies and senior resource organizations to help families in need reduce their electric bills. Through these partnerships, Efficiency Smart is able to increase its reach and help ensure that a larger base of residential electric customers in its participating communities have an opportunity to take advantage of its services.

These organizations have the infrastructure, credibility within the local community and implementation strategies in place to access these hard to reach populations. Partnering allows Efficiency Smart to accelerate the process of identifying opportunities, and ultimately, creating energy savings for those who need them the most.

To date, these partners have helped Efficiency Smart distribute more than 4,500 CFLs to participating residential customers that have applied for assistance through programs like the Home Energy Assistance Program (HEAP) and food banks, along with senior citizens that participate in local meals on wheels and senior lunch programs. The free CFLs are a welcomed prospect for those who are struggling to balance basic living expenses with a limited income.

Efficiency Smart has already established partnerships that serve 22 of its



Customers receive free CFLs at the Elmore, Ohio, senior center. They are just two of the many senior citizens that have received free CFLs as a result of Efficiency Smart's partnerships with community action agencies.

participating communities and is actively working to develop additional partnership throughout its entire

For more information regarding Efficiency Smart's services, visit www.efficiencysmart.org or call 877.889.3777.

# Cuyahoga Falls Electric Department receives safety award

Cuyahoga Falls Mayor Don Walters recently announced that the city's electric department was awarded a Safety Innovations Award from the Ohio Bureau of Workers' Compensation (BWC). The electric department was one of five employers in the State of Ohio to receive recognition at the 2016 Safety Innovations Competition and will be awarded \$1,500 for an Underground Cable Puller.

"Safety is one of our greatest priorities in the City of Cuyahoga Falls," said Walters. "I am incredibly pleased with the accomplishments of our Electric Department and their continued commitment to finding new ways to effectively and efficiently serve residents."

The annual Safety Innovations Competition identifies Ohio employers that have developed innovative solutions to reduce workplace injuries and illnesses. The awards were presented at the Ohio Safety Congress and Expo 2016, BWC's annual three-day occupational safety, health and workers' compensation conference.

For more information on the program, please visit www.bwc.ohio.gov.

# Virginia Governor announces Danville a Main Street community

Virginia Gov. Terry McAuliffe recently announced the designation of four communities in the Virginia Main Street (VMS) program, administered by the Virginia Department of Housing and Community Development (DHCD). The newly designated communities include the town of Wytheville, the cities of Danville and Lexington and Gloucester Courthouse in Gloucester County. The communities were selected based on their Main Street organization's preparedness to identify, plan and implement programs and services for the defined downtown district, the target area of responsibility.

"We welcome these new communities into the Virginia Main Street program," said McAuliffe. "By leveraging our downtown assets and spurring public and private investments in these communities, we are sparking entrepreneurship and job creation in the heart of the Commonwealth and making strides in our efforts to build a new Virginia economy."

Including the new designations, there are 29 Designated

Virginia Main Street Communities. In Virginia, the Main Street Approach creates environmentally, socially and economically sustainable downtown ecosystems. The approach focuses on economic revitalization in the context of a historic downtown district, provides assessment services, technical assistance, training, access to grants and other initiatives and provides coordination with other DHCD programs to promote the revitalization of historic downtown districts throughout Virginia.

In 2015, \$18.8 million was invested in VMS Districts through rehabilitations, façade improvement projects and critical upgrades to make downtown aesthetically inviting, socially exciting, and economically thriving. Local governments invested more than \$19 million in public projects that improved their downtown districts. New business openings, business expansions and relocations in Virginia's 25 designated Main Street communities realized a net gain of 800 jobs. Since 2010, private investment in Virginia Main Street Districts has topped \$167 million.

# **Classifieds**

# Hamilton has positions available

The City of Hamilton has the following positions available. To learn more about Hamilton, please visit the city's website. The City of Hamilton is an EEO & AAE. Minorities and women are encouraged to apply.

Director of Underground Utilities: Salary: \$98,717-\$126,464 (plus benefits). This position is responsible for managing the operation and maintenance, and capital improvements of the city's natural gas transportation and distribution, water distribution and sanitary collection systems, as well as the operation and maintenance of the city's water production and water reclamation plants. A bachelor's degree in business administration, engineering, public administration or closely related field with a professional certification such as a CPA or PE and/or graduate experience preferred. In addition, Class IV OEPA Water Supply and Class III Wastewater Treatment Operator certification desired. Send cover letter, resume, salary history and three business references to Department of Public Utilities, ATTN: Debbie Bennett, 345 High St., Suite 450, Hamilton, Ohio 45011 or email same to: Debbie.Bennett@hamilton-oh.gov.

**Water Production and Water Reclamation Operations** Supervisor: Salary: \$62,400-\$79,186 (plus benefits). This position is responsible for difficult professional, administrative and supervisory work in the planning, organization, direction and coordination of the operations, maintenance, capital improvements and activities of City Water Production and Water Reclamation facilities, including laboratory facilities. Candidates should possess high school graduate or GED, preferably supplemented by education in the water/wastewater field, engineering and business administration; graduation from a college or university of recognized standing with a bachelor's degree in a related field is preferred. Special requirements, licenses and certifications: possession of a valid OEPA Class III or IV Wastewater Operator Certification and Class II or III Water Supply Operator Certification (reciprocal license will not be considered); possession of a valid Ohio driver's license; availability for after-hours emergency situations.

Current detailed resumes and proof of required water and wastewater certification must be submitted in Word or PDF by 5 p.m. April 28, 2016, to the Civil Service Department by email: <a href="mailto:cspersonnel@hamilton-oh.gov">cspersonnel@hamilton-oh.gov</a> or fax: 513.785.7037. Specify interest in WPWR OPS SUPERV.

Assistant Manager of Transmission and Distribution **Operations:** Salary \$81,016-\$103,875 (plus benefits). This position is responsible for difficult professional, supervisory and technical work in the planning, organization, direction, supervision and coordination of the operations, maintenance, capital improvements and activities of the Electric Transmission and Operations Division, including transmission and distribution systems, substations, downtown electric network and fiber optic system. Candidates should possess any combination of education and experience equivalent to graduation from a college or university of recognized standing with a bachelor's degree in electrical engineering or closely related field with professional engineer certification and/or graduate experience preferred; and considerable experience in electric public utility management and operations, including supervisory experience; or any equivalent combination of experience and training that provides the knowledge, skills and abilities to effectively perform the essential job functions; and possession of a valid driver license. Current detailed resumes must be submitted in Word or PDF by 5 p.m. April 28, 2016, to the Civil Service Department by email: cspersonnel@hamilton-oh.gov or fax: 513.785.7037. Specify interest in ASST MGR TRANS DIST OPS.

# Midwest director open at VEIC

The Vermont Energy Investment Corporation (VEIC) is seeking a Director, Midwest Region who will be responsible for executive management, leadership and oversight of all activities associated with the Ohio-based office.

A primary function of this role is serving as the director of Efficiency Smart, a VEIC contract with AMP. The director of Efficiency Smart has primary responsibility for the development, execution and oversight of the contract with AMP, and agreements with participating communities. This position will also ensure Efficiency Smart goals and objectives are met. In addition to Efficiency Smart responsibilities, this position will aid in the development and oversight of fulfilling new business opportunities for VEIC in the Midwest.

Candidates should have a degree in business administration or a related field, and a minimum of 10 years of management experience, including executive leadership, strategic planning, staff supervision, contract management and negotiation, budget management, communications, and the ability to develop and attain goals, or a combination of education and experience from which comparable knowledge and skills are acquired. Knowledge of energy efficiency program design and service delivery is preferred. Click here for a complete job description and to apply.

# Woodville seeks water operator

The Village of Woodville has an immediate opening for a Certified Class II Water Operator with experience in water treatment and distribution. Must have an Ohio driver's license. A Class B CDL is required or applicant must be willing to obtain one. Candidates should be highly motivated, have good mechanical ability and be able to work independently.

Applications for this position may be obtained online or at the Municipal Building, 530 Lime St., between 9 a.m. and 3:30 p.m. Applications must be returned by April 15, 2016. Questions may be directed to Village Administrator Keith Kruse at 419.849.3031 or keith.kruse@woodville.net.

April 8, 2016

# Westerville takes first, second honors in APPA Lineworkers Rodeo events

By Michelle Palmer, PE - vice president of technical services

Lineworkers from AMP member communities made a strong showing at the American Public Power Association (APPA) 16th annual Public Power Lineworkers Rodeo, held April 1-2 in Minneapolis.

The Westerville Electric Division team (Chris Revennaugh, Cody Leitner, JJ Savage and Todd



Westerville Electric Division lineworkers who competed in the 2016 APPA Public Power Lineworkers Rodeo are (from left): Chris Revennaugh, Michael Roark, Todd Head, Cody Leitner and JJ Savage.

Head) came in first place for Journeyman - 4kV Insulator Change Out with a seventh overall finish. Michael Roark, also with Westerville, took second place in Apprentice - Pole Top Pin Insulator Change Out and was seventh place overall.

The team from Piqua Power Systems (Jerry Perkins, Dan Cline and Randy Carnahan) placed 20th overall and Kyle Brandewie, Piqua apprentice, came in 17th place overall.

The 2016 APPA rodeo, a series of competitive events demonstrating lineworker skills and safe work practices, featured 63 teams and 130 apprentices from across the country. The events were judged based upon safety, work practices, neatness, ability, equipment handling and timely event completion. Congratulations to Westerville, Piqua and all those who competed in the event.

# Moody's affirms AMP's A1 issuer rating

By Marcy Steckman – vice president & chief accounting officer

On April 4, Moody's Investors Service (Moody's) affirmed the A1 issuer rating on AMP. In addition to affirming the A1 rating, Moody's identified the outlook as stable.

The issuer rating is significant in that it is a total entity rating as opposed to a specific bond issue rating. This rating is relied upon by power supply counterparties, banks and financial institutions doing business with AMP. An A1 rating as opposed to a lower rating means AMP and its members will realize significant savings in power supply costs, interest rates and borrowing costs over the long term.

see MOODY'S Page 2

# AMP members receive APPA RP3 recognition

By Jennifer Flockerzie – technical services program coordinator

Four AMP members received Reliable Public Power Provider (RP3) designation during the American Public Power Association's (APPA) annual Engineering & Operations Technical



Reliable Public Power Provider

Conference on April 4 in Minneapolis:

Platinum:Gold:Newton FallsWadsworthBryanBerlin, MD

Congratulations to these communities. They join the nine AMP members who received the recognition in 2015, and the 14 AMP and DEMEC members who were recognized for 2014-16.

RP3 recognizes public power utilities that demonstrate proficiency in four key disciplines: reliability, safety, workforce development and system improvement. Twenty-nine of the nation's more than 2,000 public power utilities earned the RP3 designation this year. A total of 219 of the country's public power utilities now hold the designation, which lasts for three years.

There are still spots available for AMP's RP3 Assistance Program, which allows AMP staff to work directly with those members on a question by question basis. AMP is available to assist all members with their RP3 application; staff will help complete and review applications, and make recommendations for overall score improvement. Please contact me for more information at <a href="mailto:jflockerzie@amppartners.org">jflockerzie@amppartners.org</a> or 614.540.0853.

APPA is offering four upcoming webinars to cover the RP3 requirements in each of the discontinued on Page 2

Although Moody's stated that the average credit quality of the AMP membership was A3, other positive factors bring the credit rating up to the A1 category. In the rating affirmation, among other things, Moody's recognized:

- AMP's well established sound record and unregulated ability to recover costs on a timely basis
- Strong legal all-requirements and take-or-pay contracts
- AMP management's strategic focus on providing a diverse, reliable and competitive power supply to its
- AMP's expansion into hydroelectric and solar energy sources provides important environmental attributes to its members
- Construction risk is substantially behind AMP since all its generation projects are near completion
- AMP's strong financial liquidity position with a credit facility of \$750 million expandable to \$1 billion; and its strong strategic planning to diversify and manage member power supply
- Moody's also pointed out as a credit positive that AMP continues to have a well-regarded fiscal monitoring system member credit quality to provide ongoing assessment of member credit profiles

The rating is very important to AMP, our members and the financial community. AMP staff, our Board of Trustees and our members work diligently to maintain creditworthiness through sound management, financial best practices and strategic planning. The affirmed A1 rating is the result of these efforts.

If you have any questions or would like a copy of Moody's report, please do not hesitate to contact Chris Deeter at cdeeter@amppartners.org or 614.540.0848.

# Moody's affirms A1 rating for AMP Fremont Energy Center

By Marcy Steckman

On April 4, Moody's Investors Service (Moody's) affirmed the A1 rating with a stable outlook on the \$520,620,000 currently outstanding AMP Fremont Energy Center (AFEC) Project Revenue Bonds. The bonds were issued to finance the acquisition and complete the construction of the two unit 675 MW natural gas fired combined cycle facility in Fremont, Ohio. The facility was placed in service in January 2012.

The Moody's report pointed out the major factors driving the A1 rating are: the A3 average weighted credit quality of 87 municipal participants that have unconditional take-or-pay contracts; fully funded maximum annual debt service reserve; and AMP's strong liquidity and power supply management for its members.

In addition, Moody's noted AFEC has had a strong performance record of operation. Besides the take-or-pay contracts mentioned above, among the credit strengths shown in the Moody's report were:

On Pea	k (16 hour	) prices in	to AEP/Da	yton nub	
Week ending April 8					
MON	TUE	WED	THU	FRI	
\$29.51	\$32.43	\$27.14	\$26.74	\$31.41	
Week end	ling April 1				
MON	TUE	WED	THU	FRI	
\$31.75	\$30.28	\$29.68	\$26.27	\$26.88	
AEP/Dayton 2017 5x16 price as of April 7 — \$36.09					
AEP/Day	ton 2017 5x16	price as of N	March 31 — \$	36.43	

# Members receive RP3 recognition

continued from Page 1

ciplines. The webinars explain the grading process and provide an opportunity to ask questions about the RP3 application process. Webinars are:

- Reliability April 12
- Safety April 20
- Workforce Development April 28
- System Improvement May 10

For more information or to register for the webinars, please visit www.publicpower.org. RP3 applications will be accepted through APPA's online system May 1-Sept. 30.

# **PUCO approves AEP, FirstEnergy** power purchase agreements

By Lisa McAlister - deputy general counsel

On March 31, 2016, the Public Utilities Commission of Ohio (PUCO) approved, with modification, settlements resolving the hotly debated Power Purchase Agreements (PPA) of American Electric Power (AEP) and the FirstEnergy companies (FE).

For AEP, the settlements (reached between the utility, the PUCO staff and various other parties) would permit AEP to: 1) enter into a new affiliate PPA with its unregulated generation affiliate AEP Generation Resources Inc. (AEPGR), through which AEP would purchase the output of specific generating units owned wholly by AEPGR (or, in part, with Dynegy and the Dayton Power and Light Company); 2) to include the net impacts of the new affiliate PPA in a nonbypassable PPA rider; and 3) include, in the PPA rider, the net impacts of AEP's contractual entitlement to a 20 percent share of the electrical output of generating units owned by OVEC. AEP is also required to develop at least 500 MW of wind and 400 MW of solar energy projects over a four year period.

While FE's case involved a broader plan entitled "Powering Ohio's Progress," similar to the AEP case, FE entered into settlement with PUCO staff and various parties that would permit FE, among other things, to create a nonbypassable "Retail Stability Rider" to recover the net cost or credit of the difference between generation acquired through a PPA with FirstEnergy Solutions (FES), FirstEnergy's unregulated generation affiliate. FirstEnergy is also

continued on Page 4

# AFEC weekly update

By Jerry Willman – assistant vice president of energy marketing

Fremont CT2 returned to service ahead of schedule after completing its spring maintenance outage on Thursday evening when CT2 was released for full dispatch after replacement of the exhaust. The plant operated in 1x1 configuration earlier in the week.

Kudos to the plant staff for their diligence in completing the project repairs ahead of the originally scheduled timeline.

# Energy markets update

By Jerry Willman

The May 2016 natural gas contract closed up \$0.107/MMBtu to close at \$2.018. The EIA reported an inventory injection of 12 Bcf for the week ending April 1. The average Bloomberg estimate was expecting an 8 Bcf injection while the forecasted range was 0 to 13 Bcf. For comparison purposes, in 2015 the EIA reported a 6 Bcf injection but the five-year average is a 19 Bcf withdrawal.

On-peak power prices for 2017 at AD Hub closed yesterday at \$36.09/MWh, which was \$0.34/MWh lower for the week.

# March 2016: Record warmth leads to record low prices

By Mike Migliore - vice president of power supply & marketing

With this past week's snow, it is easy to quickly forget the warm temperatures from last month. March 2016, was the sixth warmest of the past 122 years. Power prices in March reflected the mild weather, causing us to go all the way back to the year 2000 to find prices lower than March of 2016. With low prices throughout PJM, congestion remained low. The PP&L and MetEd regions continue to see prices lower than the rest of PJM due to transmission line outages that limit the export of power from those zones to the rest of PJM.

AVERAGE DAILY RATE COMPARISONS						
	March 2016	Feb 2016	March 2015			
	\$/MWh	\$/MWh	\$/MWh			
A/D Hub 7x24 Price	\$24.58	\$24.99	\$33.07			
PJM West 7x24 Price	\$25.48	\$28.48	\$39.92			
A/D to AMP-ATSI Congestion/Losses	\$0.63	\$0.59	\$2.89			
A/D to Blue Ridge Congestion/Losses	\$1.07	\$4.40	-\$0.10			
A/D to PJM West Congestion/Losses	\$0.90	\$3.49	\$6.84			
PJM West to PP&L Congestion/Losses	-\$6.34	-\$5.25	-\$2.58			
IND Hub to A/D Hub Congestion/Losses	\$2.56	\$2.76	\$2.87			

<sup>\*</sup>Note: Market rates are for energy only and do not include capacity value

# AMP, ODNR reforestation efforts move forward in Ohio

By David Deal - director of energy policy & sustainability

Over the past two weeks, approximately 257 acres of Ohio state forests were planted with more than 182,000 native hardwood tree seedlings as a result of AMP's ongoing reforestation efforts on reclaimed strip mine land on behalf of member communities. The projects are located at Fernwood, Harrison and West Blue Rock state forests near Steubenville, Cadiz and Zanesville across eastern Ohio. These projects represent a second phase of reforestation, which first began in 2012 with the planting of 210 acres in Columbiana County and Hellbender Bluff State Forest; the reforestation efforts are result of an ongoing partnership between AMP and the Ohio Department of Natural Resources (ODNR.)

The species planted at the project sites will include native hardwoods such as oak (bur, chinkapin, white, northern red, and shumard), sycamore, sweetgum, maple, black cherry and yellow poplar. In exchange for the value of future carbon offsets that will be generated by the newly planted tree seedlings, AMP provided the project management and funding to execute site preparation and professional planting through contracted partner Williams Forestry. The ODNR retains the ownership of the land and



Crews plant tree seedlings at Fernwood state forest as part of AMP's reforestation efforts in partnership with the ODNR.

will be responsible for the sustainable management of the new forest, in consultation with AMP. Site preparation and species selection was coordinated with ODNR and reflects substantial research into reforesting abandoned mine lands in the Appalachian region. AMP continues to work with project partners to identify future project sites for additional carbon offset reforestation projects.

# PUCO approves agreements

continued from Page 2

required to procure at least 100 MW of new Ohio wind or solar energy.

The settlements for both companies included requirements to develop grid modernization plans including advanced metering infrastructure, distribution automation circuit reconfiguration (DACR), voltage/voltage-ampere reactive (Volt/VAR), working with PUCO staff to attempt to remove barriers for distributed generation, and consulting with staff on net-metering tariffs.

The PUCO unanimously approved both PPA cases finding that the plans were in the public interest. In fact, the PUCO agreed with company witnesses that predicted that customers would receive net credits of \$256 million for FirstEnergy retail customers over the eight-year term of the Retail Stability Rider, and \$214 million for AEP Ohio retail customers over the rider term. Additionally, the PUCO found that the required annual PUCO compliance review of the companies' sale of capacity, energy and ancillary services into the PJM market sufficiently protects customers and the PJM markets from potential artificially low bids to suppress market prices.

The PUCO did add requirements that any PJM capacity performance penalties incurred by the companies would be borne by the companies. Additionally, the PUCO limited the rate increases for the FirstEnergy companies such that the average customers' bills do not increase for the first two years for FirstEnergy customers. For AEP Ohio customers, rate increases are limited on a customer specific basis to five percent of the June 1, 2015 rate through May 31, 2018.

A group of competitive power generators that opposed the plans, including the Electric Power Supply Association (EPSA), has stated that they will continue to fight what they refer to as abusive bailouts. For any party to the PUCO cases that wishes to contest the PUCO orders, the next step is rehearing at the PUCO. Parties must file rehearing requests within 30 days of an order. The PUCO is required to act on a rehearing request within 30 days of its filing, but has the ability to grant an unspecified amount of additional time. After the PUCO issues a rehearing order, the next step is an appeal of right to the Ohio Supreme Court. This means that PUCO cases go straight to the Ohio Supreme Court without other appellate process and the court cannot refuse to hear the case. Ohio Supreme Court cases typically take about a year from the time they are filed to be resolved.

AMP was not a party to the PUCO cases. However, there are two related cases developing at the Federal Energy Regulatory Commission (FERC) in which AMP is involved. The first is a narrow complaint about the appropriateness of the affiliate transactions between FE/AEP and their unregulated competitive generating affiliates (FES and AEPGR). The second is a complaint against PJM arguing that the PJM Tariff is unjust and unreasonable because it fails to prevent out of market subsidies. In that case, several competitive generators have requested that FERC direct PJM to impose a Minimum Offer Price Rule (MOPR) on existing generating units. The competitive generators argue that the

PPAs are out of market subsidies that interfere with the PJM markets by artificially suppressing capacity prices and excluding more efficient generators from entering. AMP is an active participant in both FERC cases and will oppose the imposition of a MOPR on existing units, particularly those owned or contracted by municipal utilities, cooperatives or vertically integrated utilities.

We will provide additional information regarding the FERC cases as they proceed. In the meantime, please do not hesitate to contact me at <a href="mailto:lmcalister@amppartners.org">lmcalister@amppartners.org</a> or 614.540.6400 if you have any questions regarding this matter.

# AMP, members receive awards for achievements in safety

By Gary Keffer - director of corporate health & safety

AMP members' excellence in safety was recognized at the American Public Power Association's (APPA) annual Engineering & Operations Technical Conference on April 4 in Minneapolis. Awards were given to:

Group A (less than 15,000 worker hours of exposure) First place - Minster, Montpelier, New Martinsville, Perkasie, St. Clairsville, Montpelier

Group B (15,000-24,999 worker hours of exposure) First place - Shelby, Wapakoneta Second place - Princeton

Group C (30,000-59,999 worker hours of exposure) First place - Bryan, Piqua, Wadsworth

Group D (60,000-109,999 worker hours of exposure) First place – Westerville

Group F (250,000-999,999 worker hours of exposure) Second place – AMP

AMP's second-place award recognizes Belleville, forestry, AFEC and generation operations staff. Congratulations to all AMP and member staff recognized with APPA safety awards.

# AMP seeks member input for third annual rodeo

By Bob Rumbaugh - manager of technical training

AMP will hold a rodeo planning meeting on April 12 at headquarters to plan and choose events for the upcoming third annual AMP Lineworkers Rodeo, to be held Aug. 26-27. Chief judges for the rodeo will also be decided during the meeting, which is open to any interested members.

The meeting will begin at 9 a.m. and wrap-up in the early afternoon, with lunch included.

If you are interested in brainstorming and contributing ideas for AMP's rodeo, please RSVP to Jennifer Flockerzie at jflockerzie@amppartners.org or 614.540.0853. For those who would like to participate, but can't attend in person, a call-in number will be provided when you RSVP.

# Moody's affirms A1 rating

continued from Page 2

- Competitive power supply including fuel diversity
- AMP's strong track record of managing generation risk for its members
- Strong contract enforcement provisions including AMP's credit monitoring system that provides an early warning of fiscal stress
- The level and availability of internal and external financial liquidity with bank line agreements with satisfactory terms and conditions

If you have any questions or would like a copy of the report, please contact Chris Deeter at 614.540.0848 or cdeeter@amppartners.org.

MARCH OPERATIONS STATISTICS					
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	March 2016	March 2015			
JV6 Wind Capacity Factor	23%	23%			
Belleville Capacity Factor	86%	39%			
AFEC Capacity Factor	22%	69%			
Blue Creek Wind Capacity Factor	38%	29%			
Napoleon Solar Capacity Factor	15%	20%			
Prairie State Capacity Factor	44%	55%			
Avg. A/D Hub On-Peak Rate	\$27/MWh	\$35/MWh			
*Fremont canacity factor based on 675 MW rating					

- Fremont capacity factor based on 675 MW rating
- \*Solar capacity factor based on 3.54 MW rating
- \*PS capacity factor based on 1,582 MW rating
- \*Prairie State and AFEC had planned maintenance outages in March

# 2016 marks milestone birthday for St. Clairsville Light & Power

St. Clairsville Light & Power celebrated its 125th birthday on March 24, 2016. The Ohio House and Senate passed an ordinance permitting St. Clairsville to build a power plant in 1891.

Service Director Dennis Bigler discussed the benefits of the electric system with a local newspaper. "It's been a great service to the city. It's been one of the backbones of the city utilities here, and it's saved the citizens thousands and thousands of dollars and gives them tremendous service and response time," Bigler told The Times Leader.

St. Clairsville serves approximately 3,000 customers, with about 90 percent of those being residential. The city has made significant upgrades over the years, including the installation of an automated metering system last year.

Congratulations to St. Clairsville on this impressive milestone birthday.



# 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.

# **AMP shines Member Spotlight** on Borough of Quakertown

By Bethany Kiser - manager of electronic publications/website specialist

The Borough of Quakertown is the latest member to be highlighted in AMP's online Member Spotlight. This charming community has been an innovative public power leader for more than a century. The borough,



which started generating its own power in 1893, recently became one of the first municipalities to create an "Owner Generated Electric" ordinance to enable property owners to implement customer-owned systems such as solar.

Quakertown also played a significant role in American history by securing the safety of the Liberty Bell during the Revolutionary War. Located 50 miles north of Philadelphia, Quakertown served as the hiding place for the Liberty Bell during its move to Allentown to protect it from being melted into ammunition by the British Army.

Quakertown, named in honor of its early Quaker settlers, was once known as the "Great Swamp." Today the borough is a thriving commercial hub that continues to actively preserve what's left of the Quakertown Swamp - the largest inland freshwater wetland in southeastern Pennsylvania.

Learn more about Quakertown and its rich cultural history in the Member Spotlight.

# Classifieds

# City of Westerville seeks electric utility manager

The City of Westerville is seeking an experienced professional to serve as Electric Utility Manager (\$93,000-\$124,000 DOQ ). The Westerville Electric Division is a designated RP3 Public Power Provider and takes great pride in providing low-cost, reliable energy to our customers.

The successful candidate will have a strong background in all aspects of the public power utility management, including strategic planning, budgeting (both operation and capital), power supply procurement, rate and cost of service evaluation, energy conservation and efficiency practices, and emergency management. He or she will possess extensive knowledge of and familiarity with the principles and practices of electric power line system construction, operation and maintenance, working knowledge of AMI, strong supervisory and communication skills, and a commitment to exceptional levels of integrity and customer service. Familiarity with economic development practices and energy savings grant programs is desired. This position (a department head position) reports to the Assistant City Manager, with overall reporting responsibility to the City Manager.

Required: Bachelor's degree, preferably in electrical engineering, and seven to 10 years of progressively responsible managerial experience in the electric utility industry. No resumes please. All applications must be accepted online by 11:59 p.m. on Sunday, May 1, 2016. Apply at <a href="https://www.westerville.org">www.westerville.org</a> (click "Jobs" at the top of the page). EOE/ADA

# Midwest director open at VEIC

The Vermont Energy Investment Corporation (VEIC) is seeking a Director, Midwest Region who will be responsible for executive management, leadership and oversight of all activities associated with the Ohio-based office.

A primary function of this role is serving as the director of Efficiency Smart, a VEIC contract with AMP. The director of Efficiency Smart has primary responsibility for the development, execution and oversight of the contract with AMP, and agreements with participating communities. This position will also ensure Efficiency Smart goals and objectives are met. In addition to Efficiency Smart responsibilities, this position will aid in the development and oversight of fulfilling new business opportunities for VEIC in the Midwest.

Candidates should have a degree in business administration or a related field, and a minimum of 10 years of management experience, including executive leadership, strategic planning, staff supervision, contract management and negotiation, budget management, communications, and the ability to develop and attain goals, or a combination of education and experience from which comparable knowledge and skills are acquired. Knowledge of energy efficiency program design and service delivery is preferred.

Click here for a complete job description and to apply.

# Hamilton has positions available

The City of Hamilton has the following positions available. To learn more about Hamilton, please visit the city's <u>website</u>. The City of Hamilton is an EEO & AAE. Minorities and women are encouraged to apply.

**Director of Underground Utilities:** This position is responsible for managing the operation and maintenance, and capital improvements of the city's natural gas transportation and distribution, water distribution and sanitary collection systems, as well as the operation and maintenance of the city's water production and water reclamation plants. A bachelor's degree in business administration, engineering, public administration or closely related field with a professional certification such as a CPA or PE and/or graduate experience preferred. In addition, Wastewater Class IV and OEPA Water Supply Class III certification desired. Send cover letter, resume, salary history and three business references to Department of Public Utilities, ATTN: Debbie Bennett, 345 High St., Suite 450, Hamilton, Ohio 45011 or email same to: Debbie.Bennett@hamilton-oh.gov.

Water Production and Water Reclamation Operations Supervisor: This position is responsible for difficult professional, administrative and supervisory work in the planning, organization, direction and coordination of the operations, maintenance, capital improvements and activities of City Water Production and Water Reclamation facilities, including laboratory facilities. Candidates should possess high school graduate or GED, preferably supplemented by education in the water/wastewater field, engineering and business administration; graduation from a college or university of recognized standing with a bachelor's degree in a related field is preferred. Special requirements, licenses and certifications: possession of a valid OEPA Class III or IV Wastewater Operator Certification and Class II or III Water Supply Operator Certification (reciprocal license will not be considered); possession of a valid Ohio driver's license; availability for after-hours emergency situations.

Current detailed resumes and proof of required water and wastewater certification must be submitted in Word or PDF by 5 p.m. April 28, 2016, to the Civil Service Department by email: <a href="mailto:cspersonnel@hamilton-oh.gov">cspersonnel@hamilton-oh.gov</a> or fax: 513.785.7037. Specify interest in WPWR OPS SUPERV.

Assistant Manager of Transmission and Distribution **Operations:** This position is responsible for difficult professional, supervisory and technical work in the planning, organization, direction, supervision and coordination of the operations, maintenance, capital improvements and activities of the Electric Transmission and Operations Division, including transmission and distribution systems, substations, downtown electric network and fiber optic system. Candidates should possess any combination of education and experience equivalent to graduation from a college or university of recognized standing with a bachelor's degree in electrical engineering or closely related field with professional engineer certification and/or graduate experience preferred; and considerable experience in electric public utility management and operations, including supervisory experience; or any equivalent combination of experience and training that provides the knowledge, skills and abilities to effectively perform the essential job functions; and possession of a valid driver license. Current detailed resumes must be submitted in Word or PDF by 5 p.m. April 28, 2016, to the Civil Service Department by email: <a href="mailto:cspersonnel@hamilton-oh.gov">cspersonnel@hamilton-oh.gov</a> or fax: 513.785.7037. Specify interest in ASST MGR TRANS DIST OPS.

# Woodville seeks water operator

The Village of Woodville has an immediate opening for a Certified Class II Water Operator with experience in water treatment and distribution. Must have an Ohio driver's license. A Class B CDL is required or applicant must be willing to obtain one. Candidates should be highly motivated, have good mechanical ability and be able to work independently.

Applications for this position may be obtained <u>online</u> or at the Municipal Building, 530 Lime St., between 9 a.m. and 3:30 p.m. Applications must be returned by April 15, 2016. Questions may be directed to Village Administrator Keith Kruse at 419.849.3031 or keith.kruse@woodville.net.

# PUBLIC POWER (CONNECTIONS

### CLIMB THE RUNGS OF LADDER SAFETY

hether at work or at home, most people use ladders throughout the year for a variety of tasks and chores. According to a recent study by the Centers for Disease Control and Prevention (CDC), falls remain a leading cause of unintentional injury [deaths] nationwide - 43 percent of fatal falls in the last decade have involved a ladder.

Ladder accidents are extremely common even though they are entirely preventable. They result from a wide variety of issues.



- Ladders must be free of slippery material on the rungs, steps or feet.
- Do not use a self-supporting ladder (e.g., step ladder) as a single ladder or in a partially closed position.
- Do not use the top step/rung of a ladder as a step/rung unless it was designed for that purpose.
- An extension or straight ladder used to access an elevated surface must extend at least three feet above the point of support. Do not stand on the

three top rungs of a straight, single or extension ladder.

- The proper angle for setting up a ladder is to place its base a quarter of the working length of the ladder from the wall or other vertical surface.
- A ladder placed in any location where it can be displaced by other work activities must be secured to prevent displacement or a barricade must be erected to keep traffic away from the ladder.
- Be sure that all locks on an extension ladder are properly engaged.

#### Tips for using ladders:

- Read and follow all labels/markings on the ladder.
- Avoid electrical hazards look for overhead power lines before handling a ladder and avoid using a metal ladder near power lines or exposed energized electrical equipment.
- Only use ladders and appropriate accessories (ladder levelers, jacks or hooks) for their designed purposes.

#### **HOW IT WORKS: BUCKET TRUCK**

Perhaps no tool of the lineworker's trade is as well-recognized by the public as a bucket truck. And whether it's being used for liveline work on high-voltage power lines or trimming branches in a right-of-way, bucket trucks have significantly improved workers' safety and efficiency.

#### What is a bucket truck?

Put simply, a bucket truck is a utility vehicle that incorporates an extendible or articulating boom, topped with an enclosed platform, to raise workers to heights ranging from 20 feet to over 100 feet. Bucket trucks usually weigh about 15,000 pounds and carry a wide variety of tools needed by utility crews, including line hoses, jumpers, insulators and other equipment.

These trucks are all insulated to protect workers and typically are tested to safely withstand 100,000 volts. The booms themselves are of fiberglass construction, which provides isolation from the ground for the worker in the bucket. Some bucket trucks also incorporate fiberglass bodies to reduce weight and increase insulation.

The booms of most bucket trucks are operated hydraulically and are powered by the truck's engine (hybrid models can operate the boom without need of the engine).

#### How are bucket trucks used?

Insulated bucket trucks are used heavily by electric utilities across the country to service high-voltage lines, remove line obstructions, or even to hang town holiday lights. Similar vehicles are also employed in a wide range of professions and for numerous tasks.

No matter their purpose, bucket trucks are designed to withstand heavy use. A bucket truck deployed by American Mu-



nicipal Power, Inc. (AMP) can have an effective service life of around a decade, and in smaller communities where vehicles may not see daily usage, a bucket truck can last for as long as 20 years.

## LEARN THE LEADING CAUSES OF POWER OUTAGES

Jeather events, trees and animals are the main culprits of power outages in public power communities.

If lightning strikes utility electric equipment, it can cause a power outage. High winds that often accompany storms can shake equipment loose, and wind and lightning can cause tree limbs to fall into power lines. Flooding usually only affects pad-mounted equipment (located on the ground - on a concrete slab locked inside a steel cabinet) and must be significant in order to cause a problem.

The freeze and thaw of ice can also loosen equipment - causing it to become brittle and break. Snow from winter storms

makes tree branches heavy, increasing the likelihood of limbs falling on power lines.

The best way to combat branches falling on lines is trimming. Tree



trimming also reduces issues with squirrels, which are another main cause of the power going out. When a squirrel runs along power lines, it can come in contact with the energized parts of the equipment. This overloads the system similar to a lightning strike. While other animals can cause outages, the squirrel is the most common offender.

Accidents, while rare, can also cause a power outage. If a driver loses control of their car and hits a power pole, it can cause an outage. Construction accidents - such as a contractor unintentionally hitting buried facilities - can also result in customers losing power.

In the event of an outage, municipal electric system crews and staff work to keep a minimum amount of people without power for the shortest amount of time. They are always striving to provide reliable power to residents.

#### WHO IS?: ELECTRIC SUPERINTENDENT

#### The Buck Stops Here

Electric superintendents play an important role in the operations of municipal electric utilities. They put plans together on what needs to be done to maintain a reliable system and present these plans to their respective administrators and councils or boards for approval. Once approved, the superintendent then oversees and executes the plans.

Managing the electric system takes a combination of long-term and day-to-day planning. This covers everything from hiring and training personnel, budgeting, purchasing decisions, emergency repairs, project management, and compliance and regulation issues.

Depending on the size of a community, the electric superintendent often plays a role in designing and assisting in the infrastructure and meters for new customers in the service area.

#### **Many Hats**

Superintendents can often spend more time in a hard hat than wearing a tie. In smaller towns or villages, for example, a superintendent may only have one or two employees, and may be on-site working as the foreman overseeing a repair, maintenance or installation project.

Departmental overlap in smaller municipalities can put the electric superintendent in a variety of roles - trimming trees with the parks department, ensuring electrical safety on water or street departments' work projects, or even answering the telephone when residents call to report an outage.

In small communities, utilities rely on the electric superintendent for a variety of other needs. These can include the type of training their employees undergo, the specific materials they use and how their facilities are designed.

When it comes to larger communities, electric superintendents have more of a managerial role and duties focus on coordination, assigning work to multiple crews and prioritizing day-to-day work. For these bigger municipalities, the superintendent serves as the contact for the utility director.

When outages invariably occur, utilities big or small work closely with the electric superintendent as their position is an integral part of outage restoration. In the event of an outage, the superintendent plans and dispatches crews to areas in need.

The electric superintendent assists with the direction and implementation of an electric system and is a critical daily partner.



# Public Power Connections – Spring edition 2016

# Climb the rungs of ladder safety

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# Legislative Bulletin

## Ohio Municipal League Legislative Bulletin

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**Committee Schedule** 

**April 1, 2016** 

#### OHIO LEGISLATURE RETURNS TO STATEHOUSE NEXT WEEK

The General Assembly has exhausted their final week of spring break recess and is scheduled to return to a more active legislative calendar next week with committee hearings and session votes. Part of the focus returning legislators will be dedicated to will be to review and amend where necessary recently introduced bills that are considered mid biennial review (MBR's) which we have seen in previous off budget years. One of those bills is about to be introduced next week by Rep. Tim Ginter (R-Salem) which is proposed to strengthen prevention measures against unsafe levels of lead in drinking water. The OEPA has been heavily involved in crafting the legislation and has provided a fact sheet including several proposals, such as expediting public notice of lead contamination and providing new financial assistance to communities and schools to identify and prevent lead contamination. You can view the fact sheet here:

http://www.epa.ohio.gov/Portals/47/director/EPA%20Lead%20Fact%20Sheet%20FINAL.pdf

Other important features of the bill include: Creating funding sources for public and private schools to identify sources of lead in drinking water from outdated, lead-based fixtures; Funding long-term initiatives such as infrastructure improvements, water plant upgrades, or replacement of lead service lines that pose public risk; Reducing the use of lead in new construction by lowering the definition of "lead free" from 8% to 0.25%; Tighten community water testing requirements; Requiring corrosion control studies whenever a community alters its water source, makes substantial renovations, repairs its water system or treatment plant, or experiences another comparable event, and; Extending wastewater loan terms from 20 to 30 years and provide 45-year extended-term loans to larger communities.

We will be sure to notify our members when the bill has been officially introduced and assigned a bill number in addition to keeping you aware of the bill's progression and opportunities to testify on behalf of your community.

SENATE MAKES APPOINTMENTS TO HB5 NET OPERATING LOSS FISCAL IMPACT REVIEW COMMITTEE

On February 19, the Ohio Senate met for a procedural, non-voting session, as is the regular procedure when the legislature is on a recess and there are housekeeping issues to address. One of those housekeeping measures included the official Senate appointments made by the Ohio Senate President Faber to the Net Operating Loss Fiscal Impact Review Committee, which was one of the important provisions contained within HB5, the municipal income tax reform bill passed in late 2014 and instituted January 1 st. The appointments from the Senate are to include one republican and one democrat senator and three representatives from municipalities, one with a current NOL policy and two municipal representatives from communities with no NOL ordinance language.

The appointees made are: Senators Bob Peterson (R-Washington Courthouse) and Capri Cafaro (D-Boardman); Mayor Jeff Hazel of Celina, OH (5 year carry forward) and City Manager Joe Stefanov of New Albany, (no NOL). The fifth and final appointment has not been made yet.

The Governor has one appointment to make, who will serve as the bodies chair, to complete the committee.

The Speaker of the House made the following appointments last fall which includes two members of the House from different parties and three representatives from the taxpayer perspective. Those appointments made last year include: Representatives Kirk Schuring (R-Canton) and Jack Cera (D-Mingo); Bret Dixon, J. Matthew Yuskewich and Mark Bainbridge, representing municipal income taxpayers.

The Committee's purpose is to evaluate and quantify the potential fiscal impact to municipalities of the NOL carryforward provisions contained in HB 5.

We will be sure to keep our members aware of future activity from the committee.

#### CAPITAL IMPROVEMENTS LEGISLATION INTRODUCED

Representatives John Rogers (D-Mentor-on-the Lake) and Denise Driehaus (D-Cincinnati) recently introduced a bill that would help local governments with much needed capital improvements projects. HB492 proposes to leverage \$1 billion from the Budget Stabilization Fund or Rainy Day Fund to provide low-interest loans and grants to local governments to help address the critical, statewide need for infrastructure maintenance projects and improvements.

While unveiling their legislative proposal, Representatives Rogers and Driehaus cited the Report Card for America's Infrastructure, published by the American Society of Engineers, which found over 2,200 of Ohio's bridges are "structurally deficient," while 361 high-hazard dams need repaired and 15 percent of the state's public roads are in "poor condition." In addition, the group also calculated that over \$30 billion will be needed over the next 20 years to keep Ohio's drinking water safe and address the safe disposal of wastewater.

"'HB492 is a fiscally responsible approach to provide local communities with much-needed relief from infrastructure deterioration by setting aside funding for critical community redevelopment projects," Rogers said in a statement. "This program would immediately generate economic growth, while simultaneously addressing critical needs in communities across Ohio without requiring any new taxes or unnecessary spending."

We will keep our members aware of future committee hearings on the bill and opportunities for our members to share with legislators how a program like this could affect your municipality.

#### FIREFIGHTER CANCER BILL SCHEDULED FOR POSSIBLE VOTE

This Tuesday, April 5 at 10:30 in the South Hearing Room of the Senate Annex building the Senate Insurance

committee will hold a fifth hearing on SB 27, the bill that would create a presumption that when a firefighter gets certain types of cancers, that it was work related and therefore compensable under the Workers Compensation system.

The League continues to meet with the proponents of the legislation and other interested parties including the bill sponsor, to address the league's concerns and present alternative approaches. League staff will be presenting testimony about this bill during Tuesday's hearing, to again share with committee members concerns our members have with the bill and to offer common sense recommendations on how the legislation can be improved. We are hopeful to reach a compromise before the vote on Tuesday.

If any of our municipal officials would be interested in attending the hearing to provide your perspectives or to be present for the information provided, we would welcome your attendance and would be more than happy to help answer any questions you may have before the hearing.

#### WORKERS COMPENSATION SUBROGATION BILL SLATED FOR HEARING

Also on Tuesday in the Senate Insurance Committee, proponent testimony will be received on HB 207, legislation which would allow a state fund employer to have a workers' compensation claim that is likely to be subrogated by a third party paid from the surplus fund account in the state insurance fund rather than charged to the employer's experience. This is the second hearing for the bill.

#### OML TRANSITION IN LEADERSHIP UNDERWAY

As our members are aware, the league has been going through a transition in leadership recently with the retirement of Susan Cave as the Executive Director and the succession of Kent Scarrett, past OML Director of Communications to become the next director. With these changes, other legislative staff positions have changed as well. Those changes include the appointment of Edward Albright as the OML Deputy Director who will continue to lead our legislative policy division and the elevation of Josh Brown, current Legislative Advocate to the position of Director of Communications. The league will be filling Josh's position on the legislative team soon and fortunately, the office staff of OML are all staying on board which will ensure a smooth transition as we begin a new approach to the way the league operates.

The staff is hopeful that our members will see a renewed level of involvement by the league not only at the Ohio Statehouse but also through the level of services provided to our municipal members with a greater emphasis on a higher degree of awareness of issues and how they impact our communities and ways our local leaders can become more involved in the mission and successes to come from the league.

Below is the list of committee hearings for the coming week.

Have a safe weekend

Committee Schedule

**Past Bulletins:** 

2016

2015

# PLEASE JOIN US

# FAMILY SERVICE OF NORTHWEST OHIO

# ADULT CRISIS STABILIZATION UNIT

**GROUNDBREAKING CEREMONY** 



TUESDAY, APRIL 26, 2016
10:00 A.M.
600 FREEDOM DRIVE, NAPOLEON, OH



Family Service of Northwest Ohio, Four County Board of Alcohol, Drug Addiction and Mental Health Services, Ohio Mental Health & Addiction Services, and Poggemeyer Design Group will host an official groundbreaking ceremony to celebrate the start of construction for the Adult Crisis Stabilization Unit.







