Memorandum

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

Subject: General Information

Date: November 6, 2015

CALENDAR

MONDAY, NOVEMBER 9TH

AGENDAS

1) Electric Committee & Board of Public Affairs @6:30 pm

- a) Approval of Minutes the minutes from the October 12th meeting are enclosed.
- b) Review/Approval of the Power Supply Cost Adjustment Factor for November, 2015 the November 2015 reports are attached.
- c) Electric Department Report October 2015 is attached
- d) *Discussion Regarding Rate Levelization Program* Someone from AMP will be here to explain power supply and potential changes to the rate levelization program.

2) Water/Sewer Committee @7:00 pm

- a) Approval of Minutes minutes from the October 12th and October 20th meeting are enclosed.
- b) Review of Unlimited Pickup Procedures please see my enclosed Memorandum.

3) Municipal Properties/ED Committee @7:30 pm

- a) Approval of Minutes enclosed are the October 12th meeting minutes
- b) Discussion Regarding Zoning Changes regarding Poultry within City Limits
- c) Discussion Regarding the Project Specification Review Process

TUESDAY, NOVEMBER 10TH

AGENDAS

1. Privacy Committee @10:30 am

CANCELLATIONS

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

FRIDAY, NOVEMBER 13TH

- 1. City Council in Joint Session with Finance & Budget Committee @8:00 am
 - a. Second Read of Resolution No. 058-15, a Resolution Authorizing the City Manager to Negotiate Vacation Benefits, Different from that which is stated in the Personnel Code, for the Position of Wastewater Superintendent for the City of Napoleon, Ohio; and Declaring an Emergency.
 - b. Review of 2016 Budget Proposals
- 2. Finance & Budget Committee in Joint Session with City Council @8:00 am
 - a. Review of 2016 Budget Proposals

SATURDAY, NOVEMBER 14TH

- 1. City Council in Joint Session with Finance & Budget Committee @8:00 am
 - a. Third Read of Resolution No. 058-15, a Resolution Authorizing the City Manager to Negotiate Vacation Benefits, Different from that which is stated in the Personnel Code, for the Position of Wastewater Superintendent for the City of Napoleon, Ohio; and Declaring an Emergency.
 - b. Review of 2016 Budget Proposals
- 2. Finance & Budget Committee in Joint Session with City Council @8:00 am
 - a. Review of 2016 Budget Proposals

INFORMATIONAL ITEMS

- 1. Press Release for Curbside Pickup of Bagged Leaves
- 2. AMP Update/October 30, 2015
- 3. Public Power Connections/Fall Edition
- 4. OMEA Newsletter/October 2015

MI:rd Records Retention CM-11 - 2 Years

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Calendar

1 Calendar						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7
	7:00 PM City COUNCIL					
	Meeting					
_						
8	9	10	11	12	13	14
	6:30 PM ELECTRIC	10:30 AM Privacy Committee			8:00 AM 2016 Budget Review	8:00 AM 2016 Budget Review
	Committee Board of Public Affairs (BOPA)	Mtg.			Meeting	Meeting
	Mtg.					
	7:00 PM WATER & SEWER					
	Committee Mtg.					
	7:30 PM Municipal					
	Properties/ED Committee					
	Meeting					
15	16	17	18	19	20	21
	6:00 PM Tree Commission					
	Meeting					
	6:15 PM Parks & Recreation					
	Committee Meeting					
	7:00 PM City COUNCIL Meeting					
	Weeting					
22	23	24	25	26	27	28
	6:30 PM FINANCE &		6:30 PM Parks & Rec Board	HOLIDAY - Thanksgiving		
	BUDGET Committee Meeting		Meeting	TOBIDAT - Hanksgiving		
	7:30 PM SAFETY & HUMAN					
	RESOURCES Committee					
	Meeting					
29	30	4	0	2	A	F
29		1	2	3	4	5
	5th Monday/No Scheduled Mee					
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			11/C/001E -+ 0:00 AM			

City of Napoleon, Ohio Electric Committee

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

Meeting Agenda

Monday, November 9, 2015 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 November:

PSCAF three (3) month averaged factor: -\$0.00591

JV2: \$0.035819 JV5: \$0.035819

- III. Electric Department Report
- IV. Discussion regarding Rate Levelization Program (Tabled)
- V. Any other matters currently assigned to the Committee
- VI. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

Electric Committee

Meeting Minutes

Monday, October 12, 2015 at 6:30pm

PRESENT

Members BOPA

City Staff

Recorder Others

ABSENT

Call To Order

Approval Of Minutes

Review Of Power Supply Cost Adjustment Factor

BOPA Motion To Recommend Approval Of Power Supply Cost Adjustment Factor

Nay- 0

Motion To Accept BOPA
Recommendation For

Cost Adjustment Factor

Approval Of Power Supply

Passed Yea- 2 Nay- 0

Passed

Yea-3

 $Travis\ Sheaffer-Chair, John\ Helberg\ (arrived\ at\ 6:32pm), Jason\ Maassel$

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

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

Gregory J. Heath, Finance Director/Clerk of Council Scott Hoover, Water Treatment Plant Superintendent

Bobby Stites, Assistant MIS Director Tammy Fein

News Media; Jeff Comadoll (arrived at 6:30pm)

Lisa L. Nagel, Law Director; Ronald A. Behm, Mayor

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

The September 14 meeting minutes stand approved as presented with no objections or corrections.

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

Motion: DeWit Second: Cordes

To recommend approval of Power Supply Cost Adjustment Factor for

October 2015 as follows:

Three (3) month averaged factor: - \$0.00761 JV2: \$0.040095 JV5: \$0.040095

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

Nay-

Motion: Maassel Second: Sheaffer

To accept the BOPA recommendation for approval of Power Supply

Cost Adjustment Factor for 2015 as follows: Three (3) month averaged factor: - \$0.00761
JV2: \$0.040095
JV5: \$0.040095

Roll call vote on above motion:

Yea- Maassel, Sheaffer

Nay-

Helberg Arrived Electric Department Report

Electric Committee member Helberg arrived at 6:32pm. Clapp gave the Electric Department Report.

Clapp explained that the solar megawatt hours are down; however he believes the average should be looked at, adding that the chart includes only the solar and the turbines, not the complete power portfolio for the City. Sheaffer stated that AMP gave the invitation for the City to tour the hydro plants before they are in use in November; Engler stated that he had previously toured the plant before it was purchased by AMP. Irelan will research a tour date with AMP. Helberg asked if the turbines were run in September; Clapp stated that they ran for four (4) days in September.

Clapp reported that all the supports and underground conduits are installed for the traffic lights at Maumee and Appian Avenues.

Cordes asked if Irelan could contact AMP regarding cleaning the solar panels; Helberg added that weed control should be suggested as well; Irelan will contact AMP regarding these issues.

Review Of Rate Levelization **Program**

Irelan reported that she and Engler recently met with AMP; Mike McGloor, AMP representative, will do a presentation at the November meeting regarding the rate levelization program and the City power portfolio. DeWit asked for the rate levelization to be shut off until the presentation; Irelan stated that this has already been handled, and this will be discussed at the presentation. DeWit would like to pay the actual cost for the kilowatt hours rather than attempting to forecast the impact. Irelan stated that the projects are coming online and the power must be paid for; the levelization will be used to try to smooth the transition. DeWit asked how the river levelization would be handled, either billed by the average or only when the power is being made; Irelan reported that Melville and GreenUp are hydros that have been running for several years and the data from these will be used to extrapolate data for the billing of the other projects. Irelan added that the Army Corp of Engineers controls the flow of the river and historic data will be used to forecast those future costs; Heath added that this is currently being done with the JV5 Bellville project. Engler stated that AMP consists of three percent (3%) wind and solar power, sixteen percent (16%) hydro power, and sixteen percent (16%) power from Fremont, with the rest being purchased power and coal in Prarie State. Irelan stated that power plants are not created to run at one hundred percent (100%) efficiency; Engler added that there are mandated shutdown dates as well. DeWit stated these are rated as interruptable power sources causing more cost to be associated with them.

BOPA Motion To Table Rate Levelization Review

Passed Yea- 3 Nay- 0 Motion: DeWit Second: Cordes
To table Rate Levelization Review

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

Electric Motion To Accept BOPA Recommendation To Table Rate Levelization Review	Motion: Maassel Second: Helberg To accept the BOPA recommendation to table Rate Levelization Review
Passed Yea- 3 Nay- 0	Roll call vote on above motion: Yea- Maassel, Helberg, Sheaffer Nay-
	Irelan distributed information regarding the previous AMP meeting regarding general information and listing the Committees that Irelan participates in; Engler added that AMP suggested that the City must communicate their status as a not for profit public utility company.
Motion To Recommend Council Add Information On Certain Billboards Regarding The City Being A Public Not For Profit Utility Company	Motion: DeWit Second: Engler To recommend that Council add information on certain billboards regarding the City being a public not for profit utility company
Passed Yea- 2	Roll call vote on above motion: Yea- DeWit, Engler
Nay- 1	Nay- Cordes
	Sheaffer noted that the City kept their AMP Board seat.
BOPA Motion To Adjourn	Motion: DeWit Second: Cordes To adjourn the BOPA meeting at 7:00pm
Passed Yea- 3 Nay- 0	Roll call vote on above motion: Yea- Cordes, DeWit, Engler Nay-
Electric Motion To Adjourn	Motion: Helberg Second: Maassel To adjourn the Electric Committee meeting at 7:00pm
Passed Yea- 3 Nay- 0	Roll call vote on above motion: Yea- Maassel, Helberg, Sheaffer Nay-
Date	Travis Sheaffer, Chair

NOVEME	BER 2015			City of Napoleon, Ohio											
		<u>DETERMI</u>	N	ATION OF MO	ONTHLY - PO	W	ER SUPPLY	CC	OST ADJUS	T 6	MENT FAC	CTC	OR (PSCAI	<u>=)</u>	
AMP		City		Power					Rolling		Less: Fixed		PSCA		PSCAF
Billed	City	Net		Supply Costs			onth Totals		3 Month		Base Power		Dollar		3 MONTH
Usage	Billing	kWh		(Net of Known)	Current + P	ric			Average		Supply		Difference		AVERAGED
Month	Month	Delivered		(Credit's)	kWh		Cost		Cost		Cost		+ of (-)	-	FACTOR
(a)	(b)	(c)		(d)	(e)		(f)		(g)		(h)		(i)		(j)
		Actual Billed		Actual Billed	c + prior 2 Mo		d + prior 2 Mo		f/e	\$0	0.07194 Fixed		g + h	L	i X 1.075
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July '13	Sept '13	15,155,085	_	1,079,067.22	42,008,376				0.07312		(0.07194)		0.00118		0.00127
Aug '13	Oct '13	, ,	\$	1,076,578.75	43,901,780	-			0.07295	•	(0.07194)		0.00101		0.00108
Sept '13	Nov '13		\$	1,034,603.30	43,226,561				0.07380		(0.07194)		0.00186		0.00200
Oct '13	Dec '13		\$	955,194.81	41,479,797				0.07392		(0.07194)	_	0.00198		0.00213
Nov '13	Jan '14	, ,	\$	928,309.84	39,686,377				0.07353	т —	(0.07194)		0.00159		0.00171
Dec '13	Feb '14	· ·	\$		41,137,815				0.07267	•	(0.07194)		0.00073		0.00079
Jan '14	March '14		\$	1,172,398.60	43,288,581	-		т	0.07408		(0.07194)	_	0.00214		0.00230
Feb '14	April '14		\$	947,067.14	43,571,256	-			0.07403		(0.07194)	_	0.00209		0.00225
March '14	May '14		\$		42,638,562				0.07501				0.00307		0.00330
April '14	June '14	, ,	\$	857,959.09	38,821,566	-			0.07428	•	(0.07194)		0.00234		0.00252
May '14	July '14	· · ·	\$	1,033,671.88	37,895,313				0.07839		(0.07194)		0.00645		0.00693
June '14	Aug '14	, ,	\$	1,106,124.65	38,287,710				0.07830	•	(0.07194)	_	0.00636		0.00683
July '14	Sept '14	, ,	\$		40,946,320				0.08081		(0.07194)	_	0.00887		0.00953
Aug '14	Oct '14		\$		43,358,228				0.07854		(0.07194)		0.00660		0.00709
Sept '14	Nov '14	, ,	\$	873,122.55	42,298,515				0.07500	•	(0.07194)		0.00306		0.00329
Oct '14	Dec '14		\$	1,007,380.97	40,854,845				0.07369		(0.07194)		0.00175		0.00189
Nov '14	Jan '15		\$		39,521,652				0.07411		(0.07194)	_	0.00217		0.00233
Dec '14	Feb '15	, ,	\$		40,617,941	-			0.07714	•	(0.07194)		0.00520		0.00559
Jan '15	March '15	· ·	\$	1,036,847.14	42,475,644				0.07446		(0.07194)		0.00252		0.00271
Feb '15	April '15		\$	960,357.18	42,712,298			т	0.07199		(0.07194)		0.00005		0.00005
March '15	-				42,526,343				0.07056	\$	(0.07194)		(0.00138)		
April '15	June '15	12,167,778		886,097.15	39,879,387				0.07147			_	(0.00047)		
May '15	July '15	11,261,298	_	881,002.83	37,273,338				0.07433	•	(0.07194)	_	0.00239		0.00257
Jun '15	Aug '15		\$	916,655.51	37,167,598				0.07221		(0.07194)	_	0.00027		0.00029
Jul '15	Sep '15	15,053,827	_	979,654.01	40,053,647				0.06934		(0.07194)	_	(0.00260)		(0.00280)
Aug '15	Oct '15	15,336,926	\$	965,909.05	44,129,275	\$		т .	0.06486	т.	(0.07194)	\$	(0.00708)	4	(0.00761)
Sept '15	Nov '15	14,245,268	\$	1,020,249.35	44,636,021	(\$ 2,965,812.41	\$	0.06644	\$	(0.07194)	\$	(0.00550)	\$	(0.00591)

		G CYCLE	- NOVEME	<u>BER, 2015</u>			
_				Y DEMAND & I	ENERGY:		
		30,337					
NOVEMBER, 2015	30						
							AMP SOLAR
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	2,432,330	28,296	3,642,144	541,393	2,223,360	2,445	158,276
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-\$98,695.02	-\$12,812.77	-\$330.96	\$117,782.59	-\$1,032.48	\$33,072.83	-\$1,581.05	\$0.00
\$11,165.84	\$66,432.23		\$41,886.81	\$6,352.53	\$53,589.61	\$131.78	\$13,453.48
	\$4,880.32		\$11,546.67	\$8.32			
			\$22,077.29				
	\$247.19					\$127.35	
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			\$46.878.07	\$3,236,59			
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\$11,165.84	\$71,559.74	\$0.00	\$122,388.84	\$9,597.44	\$53,589.61	\$259.13	\$13,453.48
<u>:</u>							
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
-\$87,529.18	\$58,746.97	-\$330.96	\$240,171.43	\$8,564.96	\$86,662.44	-\$1,321.92	\$13,453.48
-\$87,529.18	700,1000						
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	### Company of the co	## Company of Company	### Company of Company	### Color Co	URCHASED POWER KWH AND COST ALLOCATIONS BY DEMAND & MONTH / YR DAYS IN MONTHMUNICIPAL PEAK SEPTEMBER, 201 30 30,337	### DISTRICT STATE STATE	### STATE BILLING UNITS UNCHASED POWER KWH AND COST ALLOCATIONS BY DEMAND & ENERGY:

BILLING SUMMARY AND CONS							
2015 - NOVEMBER BILLING WITH OCTOBER 2							
PREVIOUS MONTH'S POWER BILLS - P							
DATA PERIOD							
AMP-Ohio Bill Month							
City-System Data Month							
City-Monthly Billing Cycle							
City-Monthly Billing Cycle							
	MODCAN CTNI V	EFFNCY.SMART	NORTHERN	TRANSMISSION	SERVICE FEES	MISCELLANEOUS	TOTAL -
•	REPLMNT.2015-20		POWER	CHARGES	DISPATCH, A & E		ALL
PUNCHASED FOWER-RESOURCES -> (7x24 @ AD	2014 - 2017	POOL	Other Charges	Other Charges	LEVELIZATION	RESOURCES
Delivered kWh (On Peak) ->	2,736,000		1,403,941	Other Charges	Other Charges	LEVELIZATION	
,	2,736,000	U					13,291,490
Delivered kWh (Off Peak) ->			977,819				977,81
Delivered kWh (Replacement/Losses/Offset) ->			F0 400				32,370
Delivered kWh/Sale (Credits) ->			-56,423				-56,423
Net Total Delivered kWh as Billed ->	2,736,000	0	2,325,337	0	0	0	14,245,268
Percent % of Total Power Purchased->	19.2064%		16.3236%	0.0000%	0.0000%	-	100.0000%
Toront /o or rotary ower raintaged /	70.200170	0.000070	10.020070	0.000070	0.000070	Verification Total - >	100.0000%
COST OF PURCHASED POWER:						Vermodilon rotal >	700.000070
DEMAND CHARGES (+Debits)							
Demand Charges				\$94.865.99			\$230.584.50
Debt Services (Principal & Interest)				Ţ3.,CCC.00			\$189,000.4
2 ost corrisos (r. imolpai a interest)							4.00,000 1.
DEMAND CHARGES (-Credits)							
Transmission Charges (Demand-Credits)							-\$38,694.86
Capacity Credit							-\$249,620.99
Capacity Credit							-φ243,020.33
Sub-Total Demand Charges	\$0.00	\$0.00	\$0.00	\$94,865.99	\$0.00	\$0.00	\$131,269.13
ENERGY CHARGES (+Debits):							
Energy Charges - (On Peak)	\$172,231.20		\$58,080.90	\$7,276.47			\$430,600.8
Energy Charges - (Replacement/Off Peak)			\$27,231.39				\$27,231.39
Net Congestion, Losses, FTR	\$1,955.64						\$18,390.9
Transmission Charges (Energy-Debits)							\$22,077.29
ESPP Charges		\$17,953.72					\$17,953.72
Bill Adjustments (General & Rate Levelization)						\$0.00	\$374.5
ENERGY CHARGES (-Credits or Adjustments).	:						
Energy Charges - On Peak (Sale or Rate Stabilization			-\$1,605.01				-\$1,605.0°
Net Congestion, Losses, FTR							\$0.00
Bill Adjustments (General & Rate Levelization)							\$50,114.66
,							
Sub-Total Energy Charges	\$174,186.84	\$17,953.72	\$83,707.28	\$7,276.47	\$0.00	\$0.00	\$565,138.39
TRANSMISSION & SERVICE CHARGES, MISC							
RPM Charges Capacity - (+Debit)				\$311,545.25			\$311,545.2
RPM Charges Capacity - (-Credit)							\$0.00
Service Fees AMP-Dispatch Center - (+Debit/-Credit)					\$1,068.10		\$1,068.1
Service Fees AMP-Part A - (+Debit/-Credit)					\$2,921.91		\$2,921.9 ⁻
Service Fees AMP-Part B - (+Debit/-Credit)					\$8,306.57		\$8,306.5
Other Charges & Bill Adjustments - (+Debit/-Credit)							\$0.00
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$311,545.25	\$12,296.58	\$0.00	\$323,841.83
TOTAL - ALL COSTS OF PURCHASED POWER		\$17,953.72	\$83,707.28	\$413,687.71	\$12,296.58	\$0.00	\$1,020,249.35
	Ţ.:.,,	Ţ,000.7 2	+- 5 ,. 520	Ţ . ,	Ţ:Z,Z::300	Verification Total - >	\$1,020,249.3
Purchased Power Resources - Cost per kWH->	\$0.063665	\$0.000000	\$0.035998	\$0.000000	\$0.000000		\$0.071620
		ern Pool Power - Or	•				\$0.035819
						ic Service Rate - >	\$0.035819



AMERICAN MUNICIPAL POWER, INC.

1111 Schrock Rd, Suite 100

COLUMBUS, OHIO 43229

PHONE: (614) 540-1111

FAX: (614) 540-1078

City of Napoleon

Gregory J. Heath, Finance Director 255 W. Riverview Ave., P.O. Box 151 Napoleon, Ohio 43545-0151 INVOICE NUMBER: 189559

INVOICE DATE: 10/15/2015

DUE DATE: 10/30/2015

TOTAL AMOUNT DUE: \$888,617.13

CUSTOMER NUMBER: 5020

CUSTOMER P.O. #: RG10046

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

Northern Power Pool Billing - September, 2015

MUNICIPAL PEAK: 30,813 kW
TOTAL METERED ENERGY: 14,321,678 kWh

DO NOT PAY - AMOUNT AUTOMATICALLY
DEDUCTED FROM YOUR BANK ACCOUNT

EMAIL BILLING@AMPPARTNERS.ORG
WITH ANY QUESTIONS

Total Power Charges: \$462,632.84

Total Transmission Charges: \$413,687.71

Total Other Charges: \$12,296.58

Total Miscellaneous Charges: \$0.00

GRAND TOTAL POWER INVOICE: \$888,617.13

Napoleon

FOR THE MONTH OF:		September, 2015		Total Metered Load kWh: Transmission Losses kWh: Distribution Losses kWh:	14,321,678 -76,410 0
				Total Energy Req. kWh:	14,245,268
TIME OF FENTS PEAK: TIME OF MUNICIPAL PEAK: TRANSMISSION PEAK:		09/08/2015 @ H.E. 16:00 09/02/2015 @ H.E. 16:00 September, 2014		COINCIDENT PEAK kW: MUNICIPAL PEAK kW: TRANSMISSION PEAK kW: PJM Capacity Requirement kW:	30,366 30,813 30,153 28,312
Napoleon Resources					
AMP CT - Sched @ ATSI					
Demand Charge:		\$2.220210	/ kW *	12,400 kW =	\$27,530.61
Energy Charge: Transmission Credit:		\$0.090550 \$2.282824	/ kWh * / kW *	123,311 kWh = -12,400 kW =	\$11,165.84 -\$28,307.02
Capacity Credit:		\$7.896662	/ kW *	-12,400 kW =	-\$25,307.02
	Subtotal	-\$0.709823	/ kWh *	123,311 kWh =	-\$87,529.18
Fremont - sched @ Fremont		\$4.405050		0.707.114	000 540 70
Demand Charge: Energy Charge:		\$4.165252 \$0.027312	/ kW * / kWh *	8,767 kW = 2,432,330 kWh =	\$36,516.76 \$66,432.23
Net Congestion, Losses, FTR	:	\$0.027312	/ kWh *	2,432,330 KVVII =	\$4,880.32
Capacity Credit:		\$10.667931	/ kW *	-8,767 kW =	-\$93,525.75
Debt Service		\$5.041202	/ kW	8,767 kW	\$44,196.22
Adjustment for prior month:					\$247.19
NO Calcad & ATOL	Subtotal	\$0.024153	/ kWh *	2,432,330 kWh =	\$58,746.97
JV6 - Sched @ ATSI Demand Charge:				300 kW	
Energy Charge:				28,296 kWh	
Transmission Credit:		\$1.290567	/ kW *	-300 kW =	-\$387.17
Capacity Credit:		\$3.770433	/ kW *	-300 kW =	-\$1,131.13
Products Orate Only of St. D. IMO	Subtotal	-\$0.053658	/ kWh *	28,296 kWh =	-\$1,518.30
Prairie State - Sched @ PJMC Demand Charge:		\$8.022576	/ kW *	4,976 kW =	\$39,920.34
Energy Charge:		\$0.022570	/ kWh *	3,642,145 kWh =	\$41,886.81
Net Congestion, Losses, FTR	:	\$0.003170	/ kWh *	5,6 12,1 16 KWW =	\$11,546.67
Capacity Credit:		\$3.014335	/ kW *	-4,976 kW =	-\$14,999.33
Debt Service		\$18.661893	/ kW	4,976 kW	\$92,861.58
Transmission from PSEC to F variable charges/credits Board Approved Rate Leveliz	DM/MISO, including non-Prairie State	\$0.006062	/ kWh	3,642,145 kWh	\$22,077.29
Board Approved Nate Leveliz	Subtotal	\$0.065942	/ kWh *	3,642,145 kWh =	\$46,878.07 \$240,171.43
NYPA - Sched @ NYIS		*******		-,- ·-,· · · · · · · · · · · · · · · · ·	
Demand Charge:		\$6.127487	/ kW *	943 kW =	\$5,778.22
Energy Charge:		\$0.011734	/ kWh *	541,393 kWh =	\$6,352.53
Net Congestion, Losses, FTR Capacity Credit:	:	\$0.000015	/ kWh * / kW *	-900 kW =	\$8.32
Adjustment for prior month:		\$7.567444	/ KVV	-900 kvv =	-\$6,810.70 \$3,236.59
	Subtotal	\$0.015820	/ kWh *	541,393 kWh =	\$8,564.96
JV5 - 7X24 @ ATSI				<u> </u>	
Demand Charge:				3,088 kW	
Energy Charge:		Φ0.4404F0	(134/ +	2,223,360 kWh	₾0.745.00
Transmission Credit: Capacity Credit:		\$3.146153 \$10.858750	/ kW * / kW *	-3,088 kW = -3,088 kW =	-\$9,715.32 -\$33,531.82
Capacity Credit.	Subtotal	-\$0.019451	/ kWh *	2,223,360 kWh =	-\$43,247.14
JV5 Losses - Sched @ ATSI		40.0.0.0	,		¥.0,2
Energy Charge:				32,376 kWh	
	Subtotal	#N/A	/ kWh *	32,376 kWh =	\$0.00
JV2 - Sched @ ATSI Demand Charge:				264 kW	
Energy Charge:				264 KVV	£404.70
znergy onarge.		\$0.053800	/ k\//h *	2.445 kWh -	
Transmission Credit:		\$0.053899 \$1.080871	/ kWh * / kW *	2,445 kWh = -264 kW =	\$131.78 -\$285.35
Transmission Credit: Capacity Credit:		\$0.053899 \$1.080871 \$6.453220	/ kWh * / kW * / kW *	2,445 kWh = -264 kW = -264 kW =	\$131.78 -\$285.35 -\$1,703.65
Capacity Credit:	Subtotal	\$1.080871	/ kW *	-264 kW =	-\$285.35 -\$1,703.65
Capacity Credit: AMP Solar Phase I - Sched @ ATS		\$1.080871 \$6.453220	/ kW * / kW *	-264 kW = -264 kW = 2,445 kWh =	-\$285.35
Capacity Credit: AMP Solar Phase I - Sched @ ATS Demand Charge:		\$1.080871 \$6.453220 -\$0.759613	/ kW * / kW * / kWh *	-264 kW = -264 kW = 2,445 kWh = 1,040 kW	-\$285.35 -\$1,703.65 - \$1,857.22
Capacity Credit: AMP Solar Phase I - Sched @ ATS	Si	\$1.080871 \$6.453220 -\$0.759613 \$0.085000	/ kW * / kW * / kWh *	-264 kW = -264 kW = 2,445 kWh = 1,040 kW 158,276 kWh =	-\$285.35 -\$1,703.65 - \$1,857.22 \$13,453.48
Capacity Credit: AMP Solar Phase I - Sched @ ATS Demand Charge:	Si Subtotal	\$1.080871 \$6.453220 -\$0.759613	/ kW * / kW * / kWh *	-264 kW = -264 kW = 2,445 kWh = 1,040 kW	-\$285.35 -\$1,703.65 - \$1,857.22
Capacity Credit: AMP Solar Phase I - Sched @ ATS Demand Charge: Energy Charge: Morgan Stanley 2015-2020 - 7x24 Demand Charge:	Si Subtotal	\$1.080871 \$6.453220 -\$0.759613 \$0.085000	/ kW * / kW * / kWh *	-264 kW = -264 kW = 2,445 kWh = 1,040 kW 158,276 kWh =	-\$285.35 -\$1,703.65 - \$1,857.22 \$13,453.48
Capacity Credit: AMP Solar Phase I - Sched @ ATS Demand Charge: Energy Charge: Morgan Stanley 2015-2020 - 7x24 Demand Charge: Energy Charge:	Subtotal @ AD	\$1.080871 \$6.453220 -\$0.759613 \$0.085000 \$0.085000	/ kW * / kW * / kWh * / kWh * / kWh *	-264 kW = -264 kW = 2,445 kWh = 1,040 kW 158,276 kWh = 158,276 kWh =	-\$285.35 -\$1,703.65 -\$1,857.22 \$13,453.48 \$13,453.48
Capacity Credit: AMP Solar Phase I - Sched @ ATS Demand Charge: Energy Charge: Morgan Stanley 2015-2020 - 7x24 Demand Charge:	Subtotal @ AD	\$1.080871 \$6.453220 -\$0.759613 \$0.085000 \$0.085000 \$0.062950 \$0.000715	/ kW * / kW * / kWh * / kWh * / kWh * / kWh *	-264 kW = -264 kW = 2,445 kWh = 1,040 kW 158,276 kWh = 158,276 kWh = 3,800 kW 2,736,000 kWh =	-\$285.35 -\$1,703.65 -\$1,857.22 \$13,453.48 \$13,453.48 \$172,231.20 \$1,955.64
Capacity Credit: AMP Solar Phase I - Sched @ ATS Demand Charge: Energy Charge: Morgan Stanley 2015-2020 - 7x24 Demand Charge: Energy Charge: Net Congestion, Losses, FTR	Subtotal @ AD : Subtotal	\$1.080871 \$6.453220 -\$0.759613 \$0.085000 \$0.085000	/ kW * / kW * / kWh * / kWh * / kWh *	-264 kW = -264 kW = 2,445 kWh = 1,040 kW 158,276 kWh = 158,276 kWh =	-\$285.35 -\$1,703.65 -\$1,857.22 \$13,453.48 \$13,453.48 \$172,231.20 \$1,955.64
Capacity Credit: AMP Solar Phase I - Sched @ ATS Demand Charge: Energy Charge: Morgan Stanley 2015-2020 - 7x24 Demand Charge: Energy Charge: Net Congestion, Losses, FTR Efficiency Smart Power Plant 201	Subtotal @ AD : Subtotal 4-2017	\$1.080871 \$6.453220 -\$0.759613 \$0.085000 \$0.085000 \$0.062950 \$0.000715	/ kW * / kW * / kWh * / kWh * / kWh * / kWh *	-264 kW = -264 kW = 2,445 kWh = 1,040 kW 158,276 kWh = 158,276 kWh = 3,800 kW 2,736,000 kWh =	-\$285.35 -\$1,703.65 -\$1,857.22 \$13,453.48 \$13,453.48 \$172,231.20 \$1,955.64 \$174,186.84
Capacity Credit: AMP Solar Phase I - Sched @ ATS Demand Charge: Energy Charge: Morgan Stanley 2015-2020 - 7x24 Demand Charge: Energy Charge: Net Congestion, Losses, FTR Efficiency Smart Power Plant 201	Subtotal @ AD : Subtotal	\$1.080871 \$6.453220 -\$0.759613 \$0.085000 \$0.085000 \$0.062950 \$0.000715	/ kW * / kW * / kWh * / kWh * / kWh * / kWh *	-264 kW = -264 kW = 2,445 kWh = 1,040 kW 158,276 kWh = 158,276 kWh = 3,800 kW 2,736,000 kWh =	\$285.35 \$1,703.65 -\$1,857.22 \$13,453.48 \$13,453.48 \$172,231.20 \$1,955.64 \$174,186.84
Capacity Credit: AMP Solar Phase I - Sched @ ATS Demand Charge: Energy Charge: Morgan Stanley 2015-2020 - 7x24 Demand Charge: Energy Charge: Net Congestion, Losses, FTR Efficiency Smart Power Plant 201 ESPP 2014-2017 obligation @	Subtotal @ AD : Subtotal 4-2017 @ \$1.400 /MWh x 153,889. MWh / 12	\$1.080871 \$6.453220 -\$0.759613 \$0.085000 \$0.085000 \$0.062950 \$0.000715 \$0.063665	/ kW * / kWh * / kWh * / kWh * / kWh * / kWh *	-264 kW = -264 kW = 2,445 kWh = 1,040 kW 158,276 kWh = 158,276 kWh = 3,800 kW 2,736,000 kWh =	-\$285.35 -\$1,703.65 -\$1,857.22 \$13,453.48 \$13,453.48
Capacity Credit: AMP Solar Phase I - Sched @ ATS Demand Charge: Energy Charge: Morgan Stanley 2015-2020 - 7x24 Demand Charge: Energy Charge: Net Congestion, Losses, FTR Efficiency Smart Power Plant 201 ESPP 2014-2017 obligation @ Northern Power Pool:	Subtotal @ AD : Subtotal 4-2017 @ \$1.400 /MWh x 153,889. MWh / 12 Subtotal	\$1.080871 \$6.453220 -\$0.759613 \$0.085000 \$0.085000 \$0.062950 \$0.000715 \$0.063665	/ kW * / kWh * / kWh * / kWh * / kWh * / kWh * / kWh * / kWh *	-264 kW = -264 kW = 2,445 kWh = 1,040 kW 158,276 kWh = 158,276 kWh = 3,800 kW 2,736,000 kWh = 2,736,000 kWh =	-\$285.35 -\$1,703.65 -\$1,857.22 \$13,453.48 \$13,453.48 \$172,231.20 \$1,955.64 \$174,186.84 \$17,953.72
Capacity Credit: AMP Solar Phase I - Sched @ ATS Demand Charge: Energy Charge: Morgan Stanley 2015-2020 - 7x24 Demand Charge: Energy Charge: Net Congestion, Losses, FTR Efficiency Smart Power Plant 201 ESPP 2014-2017 obligation @ Northern Power Pool: On Peak Energy Charge: (M-	Subtotal @ AD : Subtotal 4-2017 @ \$1.400 /MWh x 153,889. MWh / 12 Subtotal	\$1.080871 \$6.453220 -\$0.759613 \$0.085000 \$0.085000 \$0.062950 \$0.000715 \$0.063665	/ kW * / kW * / kWh *	-264 kW = -264 kW = 2,445 kWh = 1,040 kW 158,276 kWh = 158,276 kWh = 3,800 kW 2,736,000 kWh = 2,736,000 kWh =	-\$285.35 -\$1,703.65 -\$1,857.22 \$13,453.48 \$13,453.48 \$172,231.20 \$1,955.64 \$174,186.84 \$17,953.72 \$17,953.72
Capacity Credit: AMP Solar Phase I - Sched @ ATS Demand Charge: Energy Charge: Morgan Stanley 2015-2020 - 7x24 Demand Charge: Energy Charge: Net Congestion, Losses, FTR Efficiency Smart Power Plant 201 ESPP 2014-2017 obligation @ Northern Power Pool: On Peak Energy Charge: (M-Off Peak Energy Charge:	Subtotal @ AD : Subtotal 4-2017 @ \$1.400 /MWh x 153,889. MWh / 12 Subtotal F HE 08-23 EDT)	\$1.080871 \$6.453220 -\$0.759613 \$0.085000 \$0.085000 \$0.062950 \$0.000715 \$0.063665 #N/A \$0.041370 \$0.027849	/ kW * / kWh * / kWh * / kWh * / kWh * / kWh * / kWh * / kWh * / kWh *	-264 kW = -264 kW = 2,445 kWh = 1,040 kW 158,276 kWh = 158,276 kWh = 3,800 kW 2,736,000 kWh = 2,736,000 kWh =	-\$285.35 -\$1,703.65 -\$1,857.22 \$13,453.48 \$13,453.48 \$172,231.20 \$1,955.64 \$174,186.84 \$17,953.72 \$17,953.72
Capacity Credit: AMP Solar Phase I - Sched @ ATS Demand Charge: Energy Charge: Morgan Stanley 2015-2020 - 7x24 Demand Charge: Energy Charge: Net Congestion, Losses, FTR Efficiency Smart Power Plant 201 ESPP 2014-2017 obligation @ Northern Power Pool: On Peak Energy Charge: (M-	Subtotal @ AD : Subtotal 4-2017 @ \$1.400 /MWh x 153,889. MWh / 12 Subtotal F HE 08-23 EDT)	\$1.080871 \$6.453220 -\$0.759613 \$0.085000 \$0.085000 \$0.062950 \$0.000715 \$0.063665	/ kW * / kW * / kWh *	-264 kW = -264 kW = 2,445 kWh = 1,040 kW 158,276 kWh = 158,276 kWh = 3,800 kW 2,736,000 kWh = 2,736,000 kWh =	-\$285.35 -\$1,703.65 -\$1,857.22 \$13,453.48 \$13,453.48 \$172,231.20 \$1,955.64 \$174,186.84 \$17,953.72 \$17,953.72

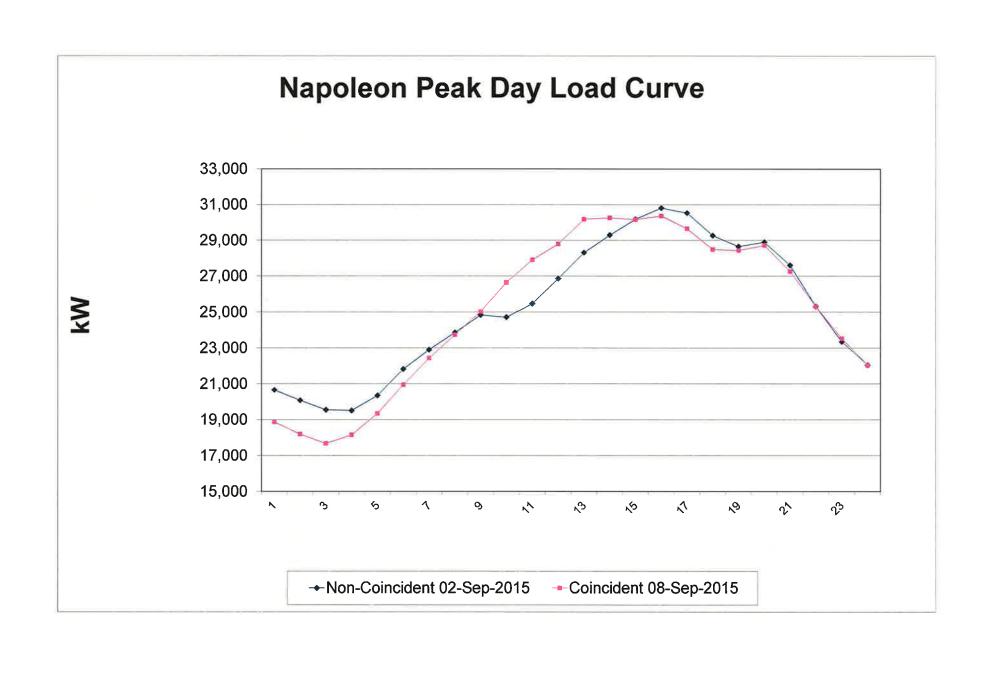
DETAIL INFORMATION OF POWER CHARGES September , 2015

Napoleon

otal Energy Charges: otal Power Charges:			14,245,268 kWh	\$504,144.96 \$462,632.84
-			, ., .,	· · · · · ·
RANSMISSION CHARGES:				
Demand Charge:	\$3.146154	/ kW *	30,153 kW =	\$94,865.99
Energy Charge:	\$0.000605	/ kWh *	12,021,908 kWh =	\$7,276.47
RPM (Capacity) Charges:	\$11.004000	/ kW *	28,312 kW =	\$311,545.25
TOTAL TRANSMISSION CHARGES:	\$0.034411	/ kWh *	12,021,908 kWh =	\$413,687.71
Dispatch Center Charges:	\$0.000075	/ kWh *	14,321,678 kWh =	\$1,068.10
Service Fee Part A,				. ,
Based on Annual Municipal Sales	\$0.000229	/ kWh *	153,112,965 kWh 1/12 =	\$2,921.91
Service Fee Part B.			, , , , , , , , , , , , , , , , , , , ,	* **
Energy Purchases	\$0.000580	/kWh *	14,321,678 kWh =	\$8,306.57
TOTAL OTHER CHARGES:				\$12,296.58

Napoleon	Capacity Plan - Actu	al						7-1/4			letter.
Sep	2015	ACTUAL DEM	AND = 30,813	MW							
Days	30	ACTUAL ENE	RGY = 14,322								
					DEMAND	ENERGY				EFFECTIVE	%
		DEM	AND ENERG	Y LOAD	RATE	RATE	DEMAND	ENERGY	TOTAL	RATE	OF
	SOURCE	M\	W MWH	FACTOR	\$/KW	\$/MWH	CHARGE	CHARGE	CHARGES	\$/MWH	DOLLARS
	(1)	(2	(4)	(5)	(6)	(7)	(9)	(10)	(11)	(12)	(13)
1	NPP Pool Purchases	0.0	0 2,382	0%	\$0.00	\$35.82	\$0	\$85,312	\$85,312	\$35.82	8.4%
2	NPP Pool Sales	0.0	0 -56	0%	\$0.00	\$28.45	\$0	-\$1,605	-\$1,605	\$28.45	-0.2%
3	AFEC	8.7	7 2,432	39%	-\$1.43	\$29.32	-\$12,566	\$71,313	\$58,747	\$24.15	5.8%
4	Prairie State	4.9	.,.	102%	\$37.53	\$14.67	\$186,738	\$53,433	\$240,171	\$65.94	23.6%
5	NYPA - Ohio	0.9		80%	-\$1.09	\$17.73	-\$1,032	\$9,597	\$8,565	\$15.82	0.8%
6	JV5	3.0	,	100%	\$10.71	\$24.10	\$33,073	\$53,590	\$86,662	\$38.98	8.5%
7	JV5 Losses	0.0		0%	\$0.00	\$0.00	\$0	\$0	\$0	\$0.00	0.0%
8	JV6	0.3	-	13%	-\$1.10	\$0.00	-\$331	\$0	-\$331	-\$11.70	0.0%
9	AMP Solar Phase I	1.0		21%	\$0.00	\$85.00	\$0	\$13,453	\$13,453	\$85,00	1.3%
10	Morgan Stanley 2015-2020 7x2		,	100%	\$0.00	\$63.66	\$0	\$174,187	\$174,187	\$63.66	17.1%
11	AMPCT	12.		1%	-\$7.96	\$90.55	-\$98,695	\$11,166	-\$87,529	-\$709.82	-8.6%
12	JV2 POWER TOTAL	0.2		1%	-\$5.51	\$53.90	-\$1,454	\$132	-\$1,322	-\$540.67	-0.1%
40		35.		56%	00.00		\$105,733	\$470,578	\$576,311	\$40.46	56.6%
13	Energy Efficiency		0		\$0.00	\$0.00	\$0	\$17,954	\$17,954	\$0.00	1.8%
14	Installed Capacity	28.		_	\$11.00	00.01	\$311,545	\$0	\$311,545	\$21.75	30.6%
15	TRANSMISSION	30.			\$3.15	\$0.61	\$94,866	\$7,276	\$102,142	\$7.13	10.0%
16	Distribution Charge	30.		_	\$0.00	\$0.00	\$0	\$0	\$0	\$0.00	0.0%
17 18	Service Fee B		14,322			\$0.58		\$8,307	\$8,307	\$0.58	0.8%
10	Dispatch Charge OTHER TOTAL	T	14,322			\$0.07	0.100.111	\$1,068	\$1,068	\$0.07	0.1%
GRAND TOTAL PU			14.045	_			\$406,411	\$34,605	\$441,016	\$30.79	43.4%
Delivered to member		30.8	14,245 13 14,322	65%		_	\$512,144	\$505,183	\$1,017,327	A-1	100.007
Delivered to member	C15						\$512,144	\$505,183	\$1,017,327	\$71.03	100.0%
	2015 Forecast	DEM.							TOTAL \$	\$/MWh	Avg Temp
	2015 Forecast 2014 Actual	31. 30.	,	58%					\$1,155,602	\$87.69	64.1
	2014 Actual	30.	,	59% 58%					\$904,157	\$69.41	62.4
	2013 Actual	31.	01 13,200	30%					\$1,031,946	\$78.13	63.8
									Actual Temp		67.7

NAPOLEON		Moderade	Thomas	Palac.	0-44-											
Date	Tuesday 9/1/2015	Wednesday 9/2/2015	Thursday 9/3/2015	Friday 9/4/2015	Saturday 9/5/2015	Sunday 9/6/2015	Monday 9/7/2015	Tuesday 9/8/2015	Wednesday 9/9/2015	Thursday 9/10/2015	Friday 9/11/2015	Saturday 9/12/2015		Monday 9/14/2015	Tuesday 9/15/2015	
Hour	20.000	20.656	20,000	04 005	40.000	45.000										
100	20,000	20,656	20,893	21,335	16,838	15,960	15,731	18,861	20,913	17,681	17,500	14,256	13,333	15,043	16,613	
200	19,433	20,078	20,363	20,799	16,331	15,188	15,057	18,188	20,196	17,301	17,107	14,091	12,923	15,138	16,335	
300	19,046	19,549	19,769	19,803	15,896	14,709	14,493	17,672	19,857	16,887	16,621	13,802	12,829	15,155	15,973	
400	19,062	19,510	19,729	19,832	15,861	14,540	14,186	18,146	19,778	17,075	16,890	13,868	12,895	15,472	15,991	
500	19,878	20,349	20,299	20,388	16,260	14,749	14,283	19,344	20,515	17,981	17,710	14,239	13,072	16,551	16,989	
600	21,450	21,827	21,685	21,779	16,816	15,103	14,478	20,943	21,911	19,231	18,829	14,879	13,324	17,925	18,356	
700	22,478	22,902	22,878	22,573	17,046	14,955	14,280	22,437	23,199	20,100	19,483	15,140	13,236	18,929	19,314	
800	23,573	23,865	23,845	23,623	17,735	15,966	15,289	23,735	23,739	20,794	20,079	15,691	13,734	19,364	19,733	
900	24,633	24,841	24,119	25,078	18,508	17,272	17,071	25,040	23,716	21,392	20,775	16,219	14,157	19,858	20,217	
1000	26,048	24,717	25,527	26,388	18,882	18,711	18,625	26,639	24,071	22,491	21,323	16,469	14,620	20,092	20,846	
1100	27,130	25,488	27,117	27,389	19,329	20,296	20,555	27,904	24,006	22,721	21,264	16,442				
1200	28,538	26,851	28,450	28,515	20,414	21,628	22,177	28,797	24,477	23,226			15,045	20,204	21,237	
1300	29,314	28,307	29,992	29,488	21,087	22,759	23,193				21,286	16,162	15,247	20,576	21,952	
1400	29,577	29,293	30,588					30,176	25,137	23,858	21,163	15,995	15,116	20,771	22,434	
1500	30,354	29,293 30,189		28,694	21,744	23,234	23,717	30,262	25,171	24,024	20,715	15,685	15,071	20,726	22,629	
			30,242	26,882	22,397	23,725	24,280	30,166	25,002	24,417	20,054	15,424	15,402	20,735	22,796	
1600	30,165	30,813	30,580	25,985	23,036	23,956	24,889	30,366	25,118	24,759	19,887	15,371	15,686	20,948	23,153	
1700	29,912	30,530	29,965	24,646	23,249	24,088	25,125	29,656	24,440	24,094	19,519	15,452	15,992	20,613	23,052	
1800	28,694	29,268	28,983	23,649	22,998	23,915	24,681	28,488	24,256	23,593	19,178	15,426	15,947	20,414	22,937	
1900	28,232	28,662	28,651	22,743	22,106	23,086	24,802	28,434	23,496	22,885	18,873	15,489	16,113	20,346	22,053	
2000	28,208	28,903	28,645	23,070	21,915	22,619	24,515	28,725	24,056	23,290	19,391	16,287	16,992	20,863	22,306	
2100	27,369	27,606	27,689	22,679	21,269	21,752	23,522	27,262	23,046	22,303	18,989	15,954	17,021	20,212	21,211	
2200	25,211	25,315	25,650	21,386	19,762	19,884	22,094	25,309	21,119	20,484	17,733	15,127	16,193	18,755	19,875	
2300	23,340	23,353	23,968	19,435	18,206	17,929	20,695	23,526	19,686	18,937	16,186	14,538	15,656	17,759		
2400	21,913	22,053	22,431	17,931	16,770	16,760	19,955	22,044	18,737	18,172	14,897				18,589	
												13,898	15,236	17,059	17,698	
otal	603,558	604,925	612,058	564,090	447,685	462,784	477,693	602,120	545,642	507,696	455,452	365,904	354,840	453,508	482,289	
	Wednesday	Thursday	Friday :	Saturday :	Sunday I	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Madagaday	Thursday
										Friday	Saturday			Tuesday		Thursday
Date Hour	Wednesday 9/16/2015	Thursday 9/17/2015	Friday : 9/18/2015	Saturday : 9/19/2015	Sunday I 9/20/2015	Monday 9/21/2015	Tuesday 9/22/2015	Wednesday 9/23/2015	Thursday 9/24/2015	Friday 9/25/2015	Saturday 9/26/2015	Sunday 9/27/2015	Monday 9/28/2015	Tuesday 9/29/2015	Wednesday 9/30/2015	,
Date Hour	9/16/2015	9/17/2015	9/18/2015	9/19/2015	9/20/2015	9/21/2015	9/22/2015	9/23/2015	9/24/2015	9/25/2015	9/26/2015	9/27/2015	9/28/2015	9/29/2015	9/30/2015	,
Date Hour 100	9/16/2015	9/17/2015 17,189	9/18/2015 17,535	9/19/2015 16,147	9/20/2015	9/21/2015	9/22/2015	9/23/2015 15,767	9/24/2015	9/25/2015	9/26/2015 14,990	9/27/2015 14,009	9/28/2015	9/29/2015 17,675	9/30/2015 16,249	,
Date Hour 100 200	9/16/2015 17,102 16,531	9/17/2015 17,189 16,840	9/18/2015 17,535 17,240	9/19/2015 16,147 15,658	9/20/2015 13,193 12,821	9/21/2015 15,068 15,001	9/22/2015 15,625 15,479	9/23/2015 15,767 15,719	9/24/2015 16,169 16,055	9/25/2015 16,720 16,218	9/26/2015 14,990 14,571	9/27/2015 14,009 13,588	9/28/2015 16,275 16,367	9/29/2015 17,675 17,425	9/30/2015 16,249 15,910	,
Date Hour 100 200 300	9/16/2015 17,102 16,531 16,049	9/17/2015 17,189 16,840 16,375	9/18/2015 17,535 17,240 16,881	9/19/2015 16,147 15,658 15,213	9/20/2015 13,193 12,821 12,440	9/21/2015 15,068 15,001 14,958	9/22/2015 15,625 15,479 15,194	9/23/2015 15,767 15,719 15,347	9/24/2015 16,169 16,055 15,655	9/25/2015 16,720 16,218 15,743	9/26/2015 14,990 14,571 14,178	9/27/2015 14,009 13,588 13,347	9/28/2015 16,275 16,367 16,118	9/29/2015 17,675 17,425 17,089	9/30/2015 16,249 15,910 15,819	,
Date Hour 100 200 300 400	9/16/2015 17,102 16,531 16,049 16,063	9/17/2015 17,189 16,840 16,375 16,829	9/18/2015 17,535 17,240 16,881 17,019	9/19/2015 16,147 15,658 15,213 15,165	9/20/2015 13,193 12,821 12,440 12,430	9/21/2015 15,068 15,001 14,958 15,399	9/22/2015 15,625 15,479 15,194 15,543	9/23/2015 15,767 15,719 15,347 15,689	9/24/2015 16,169 16,055 15,655 15,846	9/25/2015 16,720 16,218 15,743 16,162	9/26/2015 14,990 14,571 14,178 14,242	9/27/2015 14,009 13,588 13,347 13,392	9/28/2015 16,275 16,367 16,118 16,582	9/29/2015 17,675 17,425 17,089 17,252	9/30/2015 16,249 15,910	,
2016 Hour 100 200 300 400 500	9/16/2015 17,102 16,531 16,049 16,063 16,975	9/17/2015 17,189 16,840 16,375 16,829 17,471	9/18/2015 17,535 17,240 16,881 17,019 17,806	9/19/2015 16,147 15,658 15,213 15,165 15,585	9/20/2015 13,193 12,821 12,440 12,430 12,706	9/21/2015 15,068 15,001 14,958 15,399 16,203	9/22/2015 15,625 15,479 15,194 15,543 16,603	9/23/2015 15,767 15,719 15,347 15,689 16,733	9/24/2015 16,169 16,055 15,655 15,846 16,698	9/25/2015 16,720 16,218 15,743 16,162 17,024	9/26/2015 14,990 14,571 14,178 14,242 14,832	9/27/2015 14,009 13,588 13,347 13,392 13,447	9/28/2015 16,275 16,367 16,118 16,582 17,537	9/29/2015 17,675 17,425 17,089 17,252 18,233	9/30/2015 16,249 15,910 15,819 16,258 17,112	,
Date Hour 100 200 300 400 500 600	9/16/2015 17,102 16,531 16,049 16,063 16,975 18,445	9/17/2015 17,189 16,840 16,375 16,829 17,471 18,720	9/18/2015 17,535 17,240 16,881 17,019 17,806 19,262	9/19/2015 16,147 15,658 15,213 15,165 15,585 16,361	9/20/2015 13,193 12,821 12,440 12,430 12,706 13,134	9/21/2015 15,068 15,001 14,958 15,399 16,203 17,694	9/22/2015 15,625 15,479 15,194 15,543 16,603 18,148	9/23/2015 15,767 15,719 15,347 15,689 16,733 18,031	9/24/2015 16,169 16,055 15,655 15,846 16,698 18,140	9/25/2015 16,720 16,218 15,743 16,162 17,024 18,275	9/26/2015 14,990 14,571 14,178 14,242 14,832 15,493	9/27/2015 14,009 13,588 13,347 13,392	9/28/2015 16,275 16,367 16,118 16,582	9/29/2015 17,675 17,425 17,089 17,252	9/30/2015 16,249 15,910 15,819 16,258	,
100 200 300 400 500 600 700	9/16/2015 17,102 16,531 16,049 16,063 16,975 18,445 19,594	9/17/2015 17,189 16,840 16,375 16,829 17,471 18,720 19,618	9/18/2015 17,535 17,240 16,881 17,019 17,806 19,262 20,111	9/19/2015 16,147 15,658 15,213 15,165 15,585 16,361 16,944	9/20/2015 13,193 12,821 12,440 12,430 12,706 13,134 13,235	9/21/2015 15,068 15,001 14,958 15,399 16,203 17,694 19,049	9/22/2015 15,625 15,479 15,194 15,543 16,603 18,148 19,321	9/23/2015 15,767 15,719 15,347 15,689 16,733 18,031 19,131	9/24/2015 16,169 16,055 15,655 15,846 16,698 18,140 19,045	9/25/2015 16,720 16,218 15,743 16,162 17,024 18,275 19,670	9/26/2015 14,990 14,571 14,178 14,242 14,832	9/27/2015 14,009 13,588 13,347 13,392 13,447	9/28/2015 16,275 16,367 16,118 16,582 17,537	9/29/2015 17,675 17,425 17,089 17,252 18,233	9/30/2015 16,249 15,910 15,819 16,258 17,112	,
ate our 100 200 300 400 500 600 700 800	9/16/2015 17,102 16,531 16,049 16,063 16,975 18,445 19,594 19,951	9/17/2015 17,189 16,840 16,375 16,829 17,471 18,720 19,618 20,472	9/18/2015 17,535 17,240 16,881 17,019 17,806 19,262 20,111 20,593	9/19/2015 16,147 15,658 15,213 15,165 15,585 16,361 16,944 17,532	9/20/2015 13,193 12,821 12,440 12,430 12,706 13,134 13,235 13,724	9/21/2015 15,068 15,001 14,958 15,399 16,203 17,694 19,049 19,576	9/22/2015 15,625 15,479 15,194 15,543 16,603 18,148 19,321 19,581	9/23/2015 15,767 15,719 15,347 15,689 16,733 18,031 19,131 19,604	9/24/2015 16,169 16,055 15,655 15,846 16,698 18,140	9/25/2015 16,720 16,218 15,743 16,162 17,024 18,275	9/26/2015 14,990 14,571 14,178 14,242 14,832 15,493	9/27/2015 14,009 13,588 13,347 13,392 13,447 13,720	9/28/2015 16,275 16,367 16,118 16,582 17,537 19,082	9/29/2015 17,675 17,425 17,089 17,252 18,233 19,912	9/30/2015 16,249 15,910 15,819 16,258 17,112 18,645 20,161	,
ate our 100 200 300 400 500 600 700 800 900	9/16/2015 17,102 16,531 16,049 16,063 16,975 18,445 19,594 19,951 20,536	9/17/2015 17,189 16,840 16,375 16,829 17,471 18,720 19,618 20,472 21,151	9/18/2015 17,535 17,240 16,881 17,019 17,806 19,262 20,111 20,593 20,980	9/19/2015 16,147 15,658 15,213 15,165 15,585 16,361 16,944 17,532 18,249	9/20/2015 13,193 12,821 12,440 12,430 12,706 13,134 13,235 13,724 14,391	9/21/2015 15,068 15,001 14,958 15,399 16,203 17,694 19,049 19,576 19,941	9/22/2015 15,625 15,479 15,194 15,543 16,603 18,148 19,321	9/23/2015 15,767 15,719 15,347 15,689 16,733 18,031 19,131	9/24/2015 16,169 16,055 15,655 15,846 16,698 18,140 19,045	9/25/2015 16,720 16,218 15,743 16,162 17,024 18,275 19,670	9/26/2015 14,990 14,571 14,178 14,242 14,832 15,493 16,260	9/27/2015 14,009 13,588 13,347 13,392 13,447 13,720 13,962	9/28/2015 16,275 16,367 16,118 16,582 17,537 19,082 20,852	9/29/2015 17,675 17,425 17,089 17,252 18,233 19,912 21,466	9/30/2015 16,249 15,910 15,819 16,258 17,112 18,645 20,161 20,007	,
100 200 300 400 500 600 700 800 900 1000	9/16/2015 17,102 16,531 16,049 16,063 16,975 18,445 19,594 19,951 20,536 21,701	9/17/2015 17,189 16,840 16,375 16,829 17,471 18,720 19,618 20,472	9/18/2015 17,535 17,240 16,881 17,019 17,806 19,262 20,111 20,593	9/19/2015 16,147 15,658 15,213 15,165 15,585 16,361 16,944 17,532 18,249 18,702	9/20/2015 13,193 12,821 12,440 12,430 12,706 13,134 13,235 13,724	9/21/2015 15,068 15,001 14,958 15,399 16,203 17,694 19,049 19,576	9/22/2015 15,625 15,479 15,194 15,543 16,603 18,148 19,321 19,581	9/23/2015 15,767 15,719 15,347 15,689 16,733 18,031 19,131 19,604	9/24/2015 16,169 16,055 15,655 15,846 16,698 18,140 19,045 19,639	9/25/2015 16,720 16,218 15,743 16,162 17,024 18,275 19,670 19,990	9/26/2015 14,990 14,571 14,178 14,242 14,832 15,493 16,260 16,841	9/27/2015 14,009 13,588 13,347 13,392 13,447 13,720 13,962 14,359 15,009	9/28/2015 16,275 16,367 16,118 16,582 17,537 19,082 20,852 21,051 21,596	9/29/2015 17,675 17,425 17,089 17,252 18,233 19,912 21,466 21,516 21,750	9/30/2015 16,249 15,910 15,819 16,258 17,112 18,645 20,161 20,007 20,299	,
ate our 100 200 300 400 500 600 700 800 900	9/16/2015 17,102 16,531 16,049 16,063 16,975 18,445 19,594 19,951 20,536	9/17/2015 17,189 16,840 16,375 16,829 17,471 18,720 19,618 20,472 21,151	9/18/2015 17,535 17,240 16,881 17,019 17,806 19,262 20,111 20,593 20,980	9/19/2015 16,147 15,658 15,213 15,165 15,585 16,361 16,944 17,532 18,249	9/20/2015 13,193 12,821 12,440 12,430 12,706 13,134 13,235 13,724 14,391	9/21/2015 15,068 15,001 14,958 15,399 16,203 17,694 19,049 19,576 19,941	9/22/2015 15,625 15,479 15,194 15,543 16,603 18,148 19,321 19,581 19,886	9/23/2015 15,767 15,719 15,347 15,689 16,733 18,031 19,131 19,604 20,013	9/24/2015 16,169 16,055 15,655 15,846 16,698 18,140 19,045 19,639 20,132 20,972	9/25/2015 16,720 16,218 15,743 16,162 17,024 18,275 19,670 20,583 21,057	9/26/2015 14,990 14,571 14,178 14,242 14,832 15,493 16,260 16,841 17,512 17,841	9/27/2015 14,009 13,588 13,347 13,392 13,447 13,720 13,962 14,359 15,009 15,651	9/28/2015 16,275 16,367 16,118 16,582 17,537 19,082 20,852 21,051 21,596 22,171	9/29/2015 17,675 17,425 17,089 17,252 18,233 19,912 21,466 21,516 21,750 22,109	9/30/2015 16,249 15,910 15,819 16,258 17,112 18,645 20,161 20,007 20,299 20,457	,
100 200 300 400 500 600 700 800 900 1000	9/16/2015 17,102 16,531 16,049 16,063 16,975 18,445 19,594 19,951 20,536 21,701	9/17/2015 17,189 16,840 16,375 16,829 17,471 18,720 19,618 20,472 21,151 21,852	9/18/2015 17,535 17,240 16,881 17,019 17,806 19,262 20,111 20,593 20,980 21,423	9/19/2015 16,147 15,658 15,213 15,165 15,585 16,361 16,944 17,532 18,249 18,702	9/20/2015 13,193 12,821 12,440 12,430 12,706 13,134 13,235 13,724 14,391 14,841	9/21/2015 15,068 15,001 14,958 15,399 16,203 17,694 19,049 19,576 19,941 20,343 20,570	9/22/2015 15,625 15,479 15,194 15,543 16,603 18,148 19,321 19,581 19,886 20,423 20,784	9/23/2015 15,767 15,719 15,347 15,689 16,733 18,031 19,131 19,604 20,013 20,400 20,877	9/24/2015 16,169 16,055 15,655 15,846 16,698 18,140 19,045 19,639 20,132 20,972 21,397	9/25/2015 16,720 16,218 15,743 16,162 17,024 18,275 19,670 19,990 20,583 21,057 21,304	9/26/2015 14,990 14,571 14,178 14,242 14,832 15,493 16,260 16,841 17,512 17,841 17,564	9/27/2015 14,009 13,588 13,347 13,392 13,447 13,720 13,962 14,359 15,009 15,651 16,178	9/28/2015 16,275 16,367 16,118 16,582 17,537 19,082 20,852 21,051 21,556 22,171 22,450	9/29/2015 17,675 17,425 17,089 17,252 18,233 19,912 21,466 21,516 21,750 22,109 22,365	9/30/2015 16,249 15,910 15,819 16,258 17,112 18,645 20,161 20,007 20,299 20,457 20,488	,
100 200 300 400 500 600 700 800 900 1000	9/16/2015 17,102 16,531 16,049 16,063 16,975 18,445 19,594 19,951 20,536 21,701 21,903	9/17/2015 17,189 16,840 16,375 16,829 17,471 18,720 19,618 20,472 21,151 21,852 22,528	9/18/2015 17,535 17,240 16,881 17,019 17,806 19,262 20,111 20,593 20,980 21,423 21,849	9/19/2015 16,147 15,658 15,213 15,165 15,585 16,361 16,944 17,532 18,249 18,702	9/20/2015 13,193 12,821 12,440 12,430 12,706 13,134 13,235 13,724 14,391 14,841 15,169 15,536	9/21/2015 15,068 15,001 14,958 15,399 16,203 17,694 19,049 19,576 19,941 20,343 20,570 20,821	9/22/2015 15,625 15,479 15,194 15,543 16,603 18,148 19,321 19,581 19,886 20,423 20,784 21,030	9/23/2015 15,767 15,719 15,347 15,689 16,733 18,031 19,131 19,604 20,013 20,400 20,877 21,268	9/24/2015 16,169 16,055 15,655 15,646 16,698 18,140 19,045 19,639 20,132 20,972 21,397 21,771	9/25/2015 16,720 16,218 15,743 16,162 17,024 18,275 19,670 20,583 21,057 21,304 21,528	9/26/2015 14,990 14,571 14,178 14,242 14,832 15,493 16,260 16,841 17,512 17,841 17,564 17,366	9/27/2015 14,009 13,588 13,347 13,392 13,447 13,720 13,962 14,359 15,009 15,651 16,178 16,839	9/28/2015 16,275 16,367 16,118 16,582 17,537 19,082 20,852 21,051 21,596 22,171 22,450 23,013	9/29/2015 17,675 17,425 17,089 17,252 18,233 19,912 21,466 21,516 21,750 22,109 22,366 22,500	9/30/2015 16,249 15,910 15,819 16,258 17,112 18,645 20,161 20,007 20,299 20,457 20,488 20,434	,
ate our 100 200 300 400 500 600 700 800 900 1100 1200	9/16/2015 17,102 16,531 16,049 16,063 16,975 18,445 19,594 19,951 20,536 21,701 21,903 22,425	9/17/2015 17,189 16,840 16,375 16,829 17,471 18,720 19,618 20,472 21,151 21,852 22,528 23,307 23,669	9/18/2015 17,535 17,240 16,881 17,019 17,806 19,262 20,111 20,593 20,980 21,423 21,849 22,181 22,745	9/19/2015 16,147 15,658 15,213 15,165 16,361 16,944 17,322 18,249 18,702 18,549 18,314 17,991	9/20/2015 13,193 12,821 12,440 12,430 12,706 13,134 13,235 13,724 14,391 14,841 15,169 15,536 15,476	9/21/2015 15,068 15,001 14,958 15,399 16,203 17,694 19,049 19,576 19,941 20,343 20,570 20,821 21,221	9/22/2015 15,625 15,479 15,194 15,543 16,603 18,148 19,321 19,581 19,886 20,423 20,784 21,030 21,273	9/23/2015 15,767 15,719 15,347 15,689 16,733 18,031 19,131 19,604 20,013 20,400 20,877 21,268 21,663	9/24/2015 16,169 16,055 15,655 15,846 16,698 18,140 19,045 19,639 20,132 20,972 21,397 21,397 21,771 21,991	9/25/2015 16,720 16,218 15,743 16,162 17,024 18,275 19,670 20,583 21,067 21,304 21,528 21,995	9/26/2015 14,990 14,571 14,178 14,242 14,832 15,493 16,260 16,841 17,512 17,841 17,564 17,366 17,111	9/27/2015 14,009 13,588 13,347 13,392 13,447 13,720 13,962 14,359 15,009 15,651 16,178 16,839 17,370	9/28/2015 16,275 16,367 16,118 16,582 17,537 19,082 20,852 21,051 21,596 22,171 22,450 23,013 23,509	9/29/2015 17,675 17,425 17,089 17,252 18,233 19,912 21,466 21,516 21,750 22,109 22,365 22,500 22,192	9/30/2015 16,249 15,910 15,819 16,258 17,112 18,645 20,161 20,007 20,299 20,457 20,488 20,434 20,560	,
ate our 100 200 300 400 500 600 700 800 900 1100 1200 1300 1400	9/16/2015 17,102 16,531 16,049 16,063 16,975 18,445 19,594 19,951 20,536 21,701 21,903 22,425 23,035 23,194	9/17/2015 17,189 16,840 16,375 16,829 17,471 18,720 19,618 20,472 21,151 21,852 22,528 23,307 23,669 23,884	9/18/2015 17,535 17,240 16,881 17,019 17,806 19,262 20,111 20,593 20,980 21,423 21,849 22,181 22,745 22,804	9/19/2015 16,147 15,658 15,213 15,165 15,585 16,361 16,944 17,532 18,249 18,702 18,549 13,314 17,991 17,657	9/20/2015 13,193 12,821 12,440 12,430 12,706 13,134 13,235 13,724 14,391 14,841 15,169 15,536 15,476 15,561	9/21/2015 15,068 15,001 14,958 15,399 16,203 17,694 19,049 19,576 19,941 20,343 20,570 20,821 21,221 21,147	9/22/2015 15,625 15,479 15,194 15,543 16,603 18,148 19,321 19,581 19,886 20,423 20,784 21,030 21,273 21,357	9/23/2015 15,767 15,719 15,347 15,689 16,733 18,031 19,131 19,604 20,013 20,400 20,877 21,268 21,663 21,663	9/24/2015 16,169 16,055 15,655 15,846 16,698 18,140 19,045 19,639 20,132 20,972 21,397 21,771 21,991 22,026	9/25/2015 16,720 16,218 15,743 16,162 17,024 18,275 19,670 19,990 20,583 21,057 21,304 21,528 21,995 21,583	9/26/2015 14,990 14,571 14,178 14,242 14,832 15,493 16,260 16,841 17,512 17,841 17,564 17,366 17,111 16,759	9/27/2015 14,009 13,588 13,347 13,392 13,447 13,720 13,962 14,359 15,009 15,651 16,178 16,839 17,370 17,600	9/28/2015 16,275 16,367 16,118 16,582 17,537 19,082 20,852 21,051 21,596 22,171 22,450 23,013 23,509 23,545	9/29/2015 17,675 17,425 17,089 17,252 18,233 19,912 21,466 21,516 21,750 22,109 22,365 22,500 22,192 21,968	9/30/2015 16,249 15,910 15,819 16,258 17,112 18,645 20,161 20,007 20,299 20,457 20,488 20,434 20,560 20,585	,
100 200 300 400 500 600 700 800 1000 1100 1200 1300 1400 1500	9/16/2015 17,102 16,531 16,049 16,063 16,975 18,445 19,594 19,951 20,536 21,701 21,903 22,425 23,035 23,194 23,616	9/17/2015 17,189 16,840 16,375 16,829 17,471 18,720 19,618 20,472 21,151 21,852 22,528 23,307 23,669 23,884 24,171	9/18/2015 17,535 17,240 16,881 17,019 17,806 19,262 20,111 20,593 20,980 21,423 21,849 22,181 22,745 22,804 23,103	9/19/2015 16,147 15,658 15,213 15,165 15,585 16,361 16,944 17,532 18,249 18,702 18,549 18,314 17,991 17,657 17,454	9/20/2015 13,193 12,821 12,440 12,430 12,706 13,134 13,235 13,724 14,391 14,841 15,169 15,536 15,476 15,561 15,963	9/21/2015 15,068 15,001 14,958 15,399 16,203 17,694 19,049 19,576 19,941 20,343 20,570 20,821 21,221 21,147 20,646	9/22/2015 15,625 15,479 15,194 15,543 16,603 18,148 19,321 19,581 19,886 20,423 20,784 21,030 21,273 21,357 21,299	9/23/2015 15,767 15,719 15,347 15,689 16,733 18,031 19,131 19,604 20,013 20,400 20,877 21,268 21,663 21,669 21,803	9/24/2015 16,169 16,055 15,655 15,846 16,698 18,140 19,045 19,639 20,132 20,972 21,397 21,771 21,991 22,026 22,088	9/25/2015 16,720 16,218 15,743 16,162 17,024 18,275 19,670 19,990 20,583 21,057 21,304 21,528 21,955 21,583 21,642	9/26/2015 14,990 14,571 14,178 14,242 14,832 15,493 16,260 16,841 17,512 17,841 17,564 17,366 17,111 16,759 16,512	9/27/2015 14,009 13,588 13,347 13,392 13,447 13,720 13,962 14,359 15,059 15,651 16,178 16,839 17,370 17,600 17,763	9/28/2015 16,275 16,367 16,118 16,582 17,537 19,082 20,852 21,051 21,556 22,171 22,450 23,013 23,509 23,545 23,231	9/29/2015 17,675 17,425 17,089 17,252 18,233 19,912 21,466 21,750 22,109 22,365 22,500 22,192 21,968 21,714	9/30/2015 16,249 15,910 15,819 16,258 17,112 18,645 20,161 20,007 20,299 20,457 20,488 20,434 20,560 20,585 20,131	,
ate our 100 200 300 400 500 600 900 1000 1200 1300 1400 1500 1600	9/16/2015 17,102 16,531 16,049 16,063 16,975 18,445 19,594 19,951 20,536 21,701 21,903 22,425 23,035 23,194 23,616 24,191	9/17/2015 17,189 16,840 16,375 16,829 17,471 18,720 19,618 20,472 21,151 21,852 22,528 23,307 23,689 23,884 24,171 24,443	9/18/2015 17,535 17,240 16,881 17,019 17,806 19,262 20,111 20,593 20,980 21,423 21,849 22,181 22,745 22,804 23,103 23,123	9/19/2015 16,147 15,658 15,213 15,165 16,361 16,944 17,532 18,249 18,702 18,549 18,314 17,991 17,657 17,454 16,956	9/20/2015 13,193 12,821 12,440 12,430 12,706 13,134 13,235 13,724 14,391 14,841 15,169 15,536 15,476 15,556 15,566 15,561 15,963 16,434	9/21/2015 15,068 15,001 14,958 15,399 16,203 17,694 19,049 19,576 19,941 20,343 20,570 20,821 21,221 21,147 20,646 20,604	9/22/2015 15,625 15,479 15,194 15,543 16,603 18,148 19,321 19,581 19,986 20,423 20,784 21,030 21,273 21,357 21,357 21,329 21,323	9/23/2015 15,767 15,719 15,347 15,689 16,733 18,031 19,131 19,604 20,013 20,400 20,877 21,268 21,663 21,663 21,663 21,803	9/24/2015 16,169 16,055 15,655 15,646 16,698 18,140 19,045 20,132 20,972 21,397 21,771 21,991 22,026 22,088 22,434	9/25/2015 16,720 16,218 15,743 16,162 17,024 18,275 19,670 20,583 21,057 21,304 21,528 21,995 21,583 21,642 21,483	9/26/2015 14,990 14,571 14,178 14,242 14,832 15,493 16,260 16,841 17,512 17,841 17,564 17,366 17,111 16,759 16,512 16,537	9/27/2015 14,009 13,588 13,347 13,392 13,447 13,720 13,962 14,359 15,009 15,651 16,178 16,839 17,370 17,600 17,763	9/28/2015 16,275 16,367 16,118 16,582 17,537 19,082 20,852 21,051 21,596 22,171 22,450 23,013 23,509 23,545 23,231 23,225	9/29/2015 17,675 17,425 17,089 17,252 18,233 19,912 21,466 21,516 21,750 22,109 22,365 22,500 22,192 21,968 21,714 21,387	9/30/2015 16,249 15,910 15,819 16,258 17,112 18,645 20,161 20,007 20,299 20,457 20,488 20,434 20,560 20,585 20,131 20,001	,
100 200 300 400 500 600 700 800 1000 1100 1200 1300 1400 1500 1600 1700 1700	9/16/2015 17,102 16,531 16,049 16,063 16,975 18,445 19,594 19,951 20,536 21,701 21,903 22,425 23,035 23,194 23,616 24,191 23,755	9/17/2015 17,189 16,840 16,375 16,829 17,471 18,720 19,618 20,472 21,151 21,852 22,528 23,307 23,669 23,884 24,171 24,443 24,349	9/18/2015 17,535 17,240 16,881 17,019 17,806 19,262 20,111 20,593 20,990 21,423 21,849 22,181 22,745 22,804 23,103 23,103 23,123 22,157	9/19/2015 16,147 15,658 15,213 15,165 15,585 16,361 16,944 17,532 18,249 18,702 18,549 18,314 17,991 17,657 17,454 16,956 16,916	9/20/2015 13,193 12,821 12,440 12,430 12,706 13,134 13,235 13,724 14,391 14,841 15,169 15,536 15,476 15,581 15,983 16,434 16,449	9/21/2015 15,068 15,001 14,958 15,399 16,203 17,694 19,049 19,576 19,941 20,343 20,570 20,821 21,221 21,147 20,646 20,604 20,064	9/22/2015 15,625 15,479 15,194 15,543 16,603 18,148 19,321 19,581 19,886 20,423 20,784 21,030 21,273 21,357 21,299 21,323 21,177	9/23/2015 15,767 15,719 15,347 15,689 16,733 18,031 19,131 19,604 20,013 20,400 20,877 21,268 21,663 21,669 21,803 21,907 21,744	9/24/2015 16,169 16,055 15,655 15,846 16,698 18,140 19,045 19,639 20,132 20,972 21,397 21,771 21,991 22,026 22,088 22,434 22,033	9/25/2015 16,720 16,218 15,743 16,162 17,024 18,275 19,670 19,990 20,583 21,057 21,304 21,528 21,995 21,583 21,642 21,483 20,806	9/26/2015 14,990 14,571 14,178 14,242 14,832 15,493 16,260 16,841 17,512 17,841 17,564 17,366 17,111 16,759 16,512 16,537 16,767	9/27/2015 14,009 13,588 13,347 13,392 13,447 13,720 13,962 14,359 15,651 16,178 16,839 17,370 17,600 17,763 18,316 18,427	9/28/2015 16,275 16,367 16,118 16,582 17,537 19,082 20,852 21,051 21,596 22,171 22,450 23,013 23,509 23,545 23,231 23,225 23,380	9/29/2015 17,675 17,425 17,089 17,252 18,233 19,912 21,466 21,516 21,750 22,109 22,365 22,500 22,192 21,968 21,714 21,387 21,100	9/30/2015 16,249 15,910 15,819 16,258 17,112 18,645 20,161 20,007 20,299 20,457 20,488 20,434 20,560 20,585 20,131 20,001 19,652	,
100 200 300 400 500 600 700 800 1100 1200 1300 1400 1500 1600 1700 1800 1700 1800	9/16/2015 17,102 16,531 16,049 16,063 16,975 18,445 19,951 20,536 21,701 21,903 22,425 23,035 23,194 23,616 24,191 23,755 23,533	9/17/2015 17,189 16,840 16,375 16,829 17,471 18,720 19,618 20,472 21,151 21,852 22,528 23,307 23,669 23,884 24,171 24,443 24,349 23,873	9/18/2015 17,535 17,240 16,881 17,019 17,806 19,262 20,111 20,593 20,980 21,423 21,849 22,181 22,745 22,804 23,103 23,123 22,157 21,553	9/19/2015 16,147 15,658 15,213 15,165 15,585 16,361 16,944 17,532 18,249 18,702 18,549 13,314 17,991 17,657 17,454 16,956 16,916 16,400	9/20/2015 13,193 12,821 12,440 12,430 12,706 13,134 13,235 13,724 14,841 15,169 15,536 15,5476 15,561 15,963 16,434 16,444 16,141	9/21/2015 15,068 15,001 14,958 15,399 16,203 17,694 19,049 19,576 19,941 20,343 20,570 20,821 21,221 21,147 20,646 20,604 20,064 19,853	9/22/2015 15,625 15,479 15,194 15,543 16,633 18,148 19,321 19,581 19,886 20,423 20,784 21,030 21,273 21,357 21,323 21,177 20,905	9/23/2015 15,767 15,719 15,347 15,689 16,733 18,031 19,131 19,604 20,877 21,268 21,663 21,669 21,803 21,907 21,744 21,181	9/24/2015 16,169 16,055 15,655 15,846 16,698 18,140 19,045 19,639 20,132 20,972 21,397 21,771 21,991 22,026 22,088 22,434 22,033 21,627	9/25/2015 16,720 16,218 15,743 16,162 17,024 18,275 19,670 19,990 20,583 21,057 21,304 21,528 21,995 21,583 21,642 21,483 21,483 20,806 20,806 20,382	9/26/2015 14,990 14,571 14,178 14,242 14,832 15,493 16,260 16,841 17,512 17,364 17,366 17,111 16,759 16,512 16,537 16,767 16,393	9/27/2015 14,009 13,588 13,347 13,392 13,447 13,720 13,962 14,359 15,651 16,178 16,839 17,370 17,600 17,763 18,316 18,427 18,381	9/28/2015 16,275 16,367 16,118 16,582 17,537 19,082 20,852 21,051 21,596 22,171 22,450 23,013 23,509 23,545 23,231 23,225 23,360 23,445	9/29/2015 17,675 17,425 17,089 17,252 18,233 19,912 21,466 21,516 22,109 22,365 22,109 22,192 21,968 21,714 21,387 21,100 21,028	9/30/2015 16,249 15,910 15,819 16,258 17,112 18,645 20,161 20,007 20,299 20,457 20,488 20,434 20,560 20,585 20,131 20,001	,
ate our 100 200 300 400 500 600 700 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 1900	9/16/2015 17,102 16,531 16,049 16,063 16,975 18,445 19,594 19,951 20,536 21,701 21,903 22,425 23,035 23,194 23,616 24,191 23,755 23,533 22,810	9/17/2015 17,189 16,840 16,375 16,829 17,471 18,720 19,618 20,472 21,151 21,852 23,307 23,669 23,884 24,171 24,443 24,349 23,873 23,140	9/18/2015 17,535 17,240 16,881 17,019 17,806 19,262 20,111 20,593 20,980 21,423 21,849 22,181 22,745 22,804 23,103 23,123 22,157 21,553 21,761	9/19/2015 16,147 15,658 15,213 15,165 16,361 16,944 17,532 18,702 18,702 18,702 18,703 10,314 17,991 17,657 17,454 16,956 16,916 16,400 16,325	9/20/2015 13,193 12,821 12,440 12,430 12,706 13,134 13,235 13,724 14,391 14,841 15,169 15,536 15,476 15,561 15,963 16,434 16,449 16,141 16,091	9/21/2015 15,068 15,001 14,958 15,399 16,203 17,694 19,576 19,941 20,343 20,570 20,821 21,221 21,147 20,646 20,604 20,064 19,853 19,758	9/22/2015 15,625 15,479 15,194 15,543 16,603 18,148 19,321 19,581 19,886 20,423 20,784 21,030 21,273 21,273 21,357 21,299 21,323 21,177 20,905 20,762	9/23/2015 15,767 15,719 15,347 15,689 16,733 18,031 19,131 19,604 20,013 20,400 20,877 21,268 21,663 21,663 21,663 21,907 21,744 21,184 21,744	9/24/2015 16,169 16,055 15,655 15,646 16,698 18,140 19,045 19,639 20,132 20,972 21,397 21,771 21,991 22,026 22,088 22,434 22,033 21,627 21,638	9/25/2015 16,720 16,218 15,743 16,162 17,024 18,275 19,670 20,583 21,057 21,304 21,528 21,995 21,583 21,642 21,483 20,806 20,382 20,071	9/26/2015 14,990 14,571 14,178 14,242 14,832 15,493 16,260 16,841 17,512 17,841 17,564 17,366 17,111 16,759 16,512 16,537 16,767	9/27/2015 14,009 13,588 13,347 13,392 13,447 13,720 13,962 14,359 15,651 16,178 16,839 17,370 17,600 17,763 18,316 18,427	9/28/2015 16,275 16,367 16,118 16,582 17,537 19,082 20,852 21,051 21,596 22,171 22,450 23,013 23,509 23,545 23,231 23,225 23,380	9/29/2015 17,675 17,425 17,089 17,252 18,233 19,912 21,466 21,516 21,750 22,109 22,365 22,500 22,192 21,968 21,714 21,387 21,100	9/30/2015 16,249 15,910 15,819 16,258 17,112 18,645 20,161 20,007 20,299 20,457 20,488 20,434 20,560 20,585 20,131 20,001 19,652	,
100 200 300 400 500 600 700 800 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000	9/16/2015 17,102 16,531 16,049 16,063 16,975 18,445 19,594 19,951 20,536 21,701 21,903 22,425 23,035 23,194 23,616 24,191 23,755 23,533 22,810 23,152	9/17/2015 17,189 16,840 16,375 16,829 17,471 18,720 19,618 20,472 21,151 21,852 22,528 23,307 23,669 23,884 24,171 24,443 24,349 23,873 23,140 23,440	9/18/2015 17,535 17,240 16,881 17,019 17,806 19,262 20,111 20,593 20,980 21,423 21,849 22,181 22,745 22,804 23,103 23,103 23,123 22,157 21,553 21,761 22,224	9/19/2015 16,147 15,658 15,213 15,165 15,585 16,361 16,944 17,702 18,549 18,702 18,549 18,702 18,549 18,702 18,549 18,702 18,640 17,657 17,454 16,956 16,916 16,400 16,325 16,830	9/20/2015 13,193 12,821 12,440 12,706 13,134 13,235 13,724 14,391 14,841 15,169 15,556 15,476 15,561 15,963 16,434 16,449 16,141 16,091 17,047	9/21/2015 15,068 15,001 14,958 15,399 16,203 17,694 19,049 19,576 19,941 20,343 20,570 20,821 21,121 21,147 20,646 20,604 20,064 19,853 19,758 20,225	9/22/2015 15,625 15,479 15,194 15,543 16,603 18,148 19,321 19,581 19,886 20,423 20,784 21,030 21,273 21,357 21,299 21,323 21,177 20,905 20,762 21,302	9/23/2015 15,767 15,719 15,347 15,689 16,733 18,031 19,131 19,604 20,013 20,400 20,877 21,268 21,663 21,669 21,803 21,907 21,744 21,181 20,796 20,929	9/24/2015 16,169 16,055 15,655 15,646 16,698 18,140 19,045 19,639 20,132 20,972 21,397 21,777 21,791 22,026 22,088 22,434 22,033 21,627 21,638 21,778	9/25/2015 16,720 16,218 15,743 16,162 17,024 18,275 19,670 19,990 20,583 21,057 21,304 21,528 21,995 21,583 21,642 21,483 21,483 20,806 20,806 20,382	9/26/2015 14,990 14,571 14,178 14,242 14,832 15,493 16,260 16,841 17,512 17,364 17,366 17,111 16,759 16,512 16,537 16,767 16,393	9/27/2015 14,009 13,588 13,347 13,392 13,447 13,720 13,962 14,359 15,651 16,178 16,839 17,370 17,600 17,763 18,316 18,427 18,381	9/28/2015 16,275 16,367 16,118 16,582 17,537 19,082 20,852 21,051 21,596 22,171 22,450 23,013 23,509 23,545 23,231 23,225 23,360 23,445	9/29/2015 17,675 17,425 17,089 17,252 18,233 19,912 21,466 21,516 22,109 22,365 22,109 22,192 21,968 21,714 21,387 21,100 21,028	9/30/2015 16,249 15,910 15,819 16,258 17,112 18,645 20,161 20,007 20,299 20,457 20,488 20,434 20,560 20,585 20,131 20,001 19,662 19,587	,
ate our 100 200 300 400 500 600 700 800 1000 1100 1200 1300 1400 1500 1600 1900 2000 2000 2100	9/16/2015 17,102 16,531 16,049 16,063 16,975 18,445 19,594 19,951 20,536 21,701 21,903 22,425 23,035 23,194 23,616 24,191 23,755 23,533 22,810 23,152 21,934	9/17/2015 17,189 16,840 16,375 16,829 17,471 18,720 19,618 20,472 21,151 21,852 22,528 23,307 23,669 23,884 24,171 24,443 24,349 23,873 23,140 23,440 22,235	9/18/2015 17,535 17,240 16,881 17,019 17,806 19,262 20,111 20,593 20,980 21,423 21,849 22,181 22,745 22,804 23,103 23,123 24,157 21,553 21,761 22,224 21,568	9/19/2015 16,147 15,658 15,213 15,165 15,585 16,361 16,944 17,532 18,249 18,702 18,549 13,314 17,991 17,657 17,454 16,956 16,916 16,400 16,325 16,830 16,260	9/20/2015 13,193 12,821 12,440 12,430 12,706 13,134 13,235 13,724 14,391 14,841 15,169 15,536 15,476 15,561 15,963 16,434 16,449 16,141 16,091 17,047 16,759	9/21/2015 15,068 15,001 14,958 15,399 16,203 17,694 19,049 19,576 19,941 20,343 20,570 20,821 21,221 21,147 20,646 20,604 19,853 19,758 20,225 19,299	9/22/2015 15,625 15,479 15,194 15,543 16,603 18,148 19,321 19,581 19,886 20,423 20,784 21,030 21,273 21,273 21,357 21,299 21,323 21,177 20,905 20,762	9/23/2015 15,767 15,719 15,347 15,689 16,733 18,031 19,131 19,604 20,013 20,400 20,877 21,268 21,663 21,663 21,663 21,907 21,744 21,184 21,744	9/24/2015 16,169 16,055 15,655 15,646 16,698 18,140 19,045 19,639 20,132 20,972 21,397 21,771 21,991 22,026 22,088 22,434 22,033 21,627 21,638	9/25/2015 16,720 16,218 15,743 16,162 17,024 18,275 19,670 20,583 21,057 21,304 21,528 21,995 21,583 21,642 21,483 20,806 20,382 20,071	9/26/2015 14,990 14,571 14,178 14,242 14,832 15,493 16,260 16,841 17,512 17,841 17,564 17,366 17,111 16,759 16,512 16,537 16,767 16,393 16,602	9/27/2015 14,009 13,588 13,347 13,392 13,447 13,720 13,962 14,359 15,009 15,651 16,178 16,839 17,370 17,600 17,763 18,316 18,427 18,381 19,094	9/28/2015 16,275 16,367 16,118 16,582 17,537 19,082 20,852 21,051 21,596 22,171 22,450 23,013 23,509 23,545 23,231 23,225 23,380 23,445 23,541	9/29/2015 17,675 17,425 17,089 17,252 18,233 19,912 21,466 21,516 22,109 22,365 22,500 22,192 21,968 21,714 21,387 21,100 21,028 20,861 20,961	9/30/2015 16,249 15,910 15,819 16,258 17,112 18,645 20,161 20,007 20,299 20,457 20,488 20,580 20,585 20,131 20,001 19,652 19,587 19,805 19,922	,
ate our 100 200 300 400 500 600 700 800 1000 1100 1200 1300 1400 1500 1600 1900 2000 2100 2200	9/16/2015 17,102 16,531 16,049 16,063 16,975 18,445 19,594 19,951 20,536 21,701 21,903 22,425 23,035 23,194 23,616 24,191 23,755 23,533 22,810 23,152 21,934 20,336	9/17/2015 17,189 16,840 16,375 16,829 17,471 18,720 19,618 20,472 21,151 21,852 22,528 23,307 23,669 23,884 24,171 24,443 24,349 23,873 23,140 23,440	9/18/2015 17,535 17,240 16,881 17,019 17,806 19,262 20,111 20,593 20,980 21,423 21,849 22,181 22,745 22,804 23,103 23,103 23,123 22,157 21,553 21,761 22,224	9/19/2015 16,147 15,658 15,213 15,165 15,585 16,361 16,944 17,702 18,549 18,702 18,549 18,702 18,549 18,702 18,549 18,702 18,640 17,657 17,454 16,956 16,916 16,400 16,325 16,830	9/20/2015 13,193 12,821 12,440 12,706 13,134 13,235 13,724 14,391 14,841 15,169 15,556 15,476 15,561 15,963 16,434 16,449 16,141 16,091 17,047	9/21/2015 15,068 15,001 14,958 15,399 16,203 17,694 19,049 19,576 19,941 20,343 20,570 20,821 21,121 21,147 20,646 20,604 20,064 19,853 19,758 20,225	9/22/2015 15,625 15,479 15,194 15,543 16,603 18,148 19,321 19,581 19,886 20,423 20,784 21,030 21,273 21,357 21,299 21,323 21,177 20,905 20,762 21,302	9/23/2015 15,767 15,719 15,347 15,689 16,733 18,031 19,131 19,604 20,013 20,400 20,877 21,268 21,663 21,669 21,803 21,907 21,744 21,181 20,796 20,929	9/24/2015 16,169 16,055 15,655 15,646 16,698 18,140 19,045 19,639 20,132 20,972 21,397 21,777 21,791 22,026 22,088 22,434 22,033 21,627 21,638 21,778	9/25/2015 16,720 16,218 15,743 16,162 17,024 18,275 19,670 19,990 20,583 21,057 21,304 21,528 21,995 21,583 21,642 21,483 20,806 20,382 20,071 20,473 19,611	9/26/2015 14,990 14,571 14,178 14,242 14,832 15,493 16,260 16,841 17,564 17,366 17,311 16,759 16,512 16,537 16,767 16,393 16,602 17,145 16,625	9/27/2015 14,009 13,588 13,347 13,392 13,447 13,720 13,962 14,359 15,009 15,651 16,178 16,839 17,370 17,600 17,763 18,316 18,427 18,381 19,094 19,242 18,612	9/28/2015 16,275 16,367 16,118 16,582 17,537 19,082 20,852 21,051 21,596 22,171 22,450 23,013 23,509 23,545 23,231 23,225 23,360 23,445 23,541 23,645 23,541 23,645 22,380	9/29/2015 17,675 17,425 17,089 17,252 18,233 19,912 21,466 21,516 21,750 22,109 22,365 22,500 22,192 21,968 21,714 21,387 21,100 21,028 20,861 19,989	9/30/2015 16,249 15,910 15,819 16,258 17,112 18,645 20,161 20,007 20,299 20,457 20,488 20,434 20,560 20,585 20,131 20,001 19,652 19,805 19,805 19,922 19,138	,
ate our 100 200 300 400 500 600 700 800 900 1000 1100 1200 1500 1600 1700 1800 2000 2200 2300	9/16/2015 17,102 16,531 16,049 16,063 16,975 18,445 19,594 19,951 20,536 21,701 21,903 22,425 23,035 23,194 23,616 24,191 23,755 23,533 22,810 23,152 21,934 20,336 18,874	9/17/2015 17,189 16,840 16,375 16,829 17,471 18,720 19,618 20,472 21,151 21,852 22,528 23,307 23,669 23,884 24,171 24,443 24,349 23,873 23,140 23,440 22,235	9/18/2015 17,535 17,240 16,881 17,019 17,806 19,262 20,111 20,593 20,980 21,423 21,849 22,181 22,745 22,804 23,103 23,123 24,157 21,553 21,761 22,224 21,568	9/19/2015 16,147 15,658 15,213 15,165 15,585 16,361 16,944 17,532 18,249 18,702 18,549 13,314 17,991 17,657 17,454 16,956 16,916 16,400 16,325 16,830 16,260	9/20/2015 13,193 12,821 12,440 12,430 12,706 13,134 13,235 13,724 14,391 14,841 15,169 15,536 15,476 15,561 15,963 16,434 16,449 16,141 16,091 17,047 16,759	9/21/2015 15,068 15,001 14,958 15,399 16,203 17,694 19,049 19,576 19,941 20,343 20,570 20,821 21,221 21,147 20,646 20,604 19,853 19,758 20,225 19,299	9/22/2015 15,625 15,479 15,194 15,543 16,603 18,148 19,321 19,581 19,886 20,423 20,784 21,030 21,273 21,357 21,299 21,323 21,177 20,905 20,762 21,302 20,764	9/23/2015 15,767 15,719 15,347 15,689 16,733 18,031 19,131 19,604 20,013 20,400 20,877 21,268 21,663 21,669 21,803 21,907 21,744 21,181 20,796 20,929 19,856	9/24/2015 16,169 16,055 15,655 15,846 16,698 18,140 19,045 19,639 20,132 20,972 21,397 21,777 21,991 22,026 22,088 22,434 22,033 21,627 21,638 21,627 21,638 21,677 20,658	9/25/2015 16,720 16,218 15,743 16,162 17,024 18,275 19,670 20,583 21,057 21,304 21,528 21,995 21,583 21,642 21,483 20,806 20,382 20,071 20,473 19,611 18,213	9/26/2015 14,990 14,571 14,178 14,242 14,832 15,493 16,260 16,841 17,512 17,841 17,564 17,366 17,111 16,759 16,512 16,537 16,767 16,393 16,602 17,145 16,625 15,940	9/27/2015 14,009 13,588 13,347 13,392 13,447 13,720 13,962 14,359 15,009 15,651 16,178 16,839 17,370 17,600 17,763 18,316 18,427 18,381 19,094 19,242 18,612 17,790	9/28/2015 16,275 16,367 16,118 16,582 17,537 19,082 20,852 21,051 21,596 22,171 22,450 23,509 23,545 23,231 23,225 23,380 23,445 23,541 23,645 22,380 20,905	9/29/2015 17,675 17,425 17,089 17,252 18,233 19,912 21,466 21,516 21,516 22,109 22,365 22,500 22,192 21,968 21,714 21,387 21,100 21,028 20,861 20,961 19,989 18,739	9/30/2015 16,249 15,910 15,819 16,258 17,112 18,645 20,161 20,007 20,299 20,457 20,488 20,434 20,560 20,585 20,131 20,001 19,652 19,587 19,805 19,922 19,138 17,913	,
ate our 100 200 300 400 500 600 700 800 1000 1100 1200 1300 1500 1600 1700 1800 2000 2200 2200	9/16/2015 17,102 16,531 16,049 16,063 16,975 18,445 19,594 19,951 20,536 21,701 21,903 22,425 23,035 23,194 23,616 24,191 23,755 23,533 22,810 23,152 21,934 20,336	9/17/2015 17, 189 16, 840 16, 375 16, 829 17, 471 18, 720 19, 618 20, 472 21, 151 21, 852 22, 528 23, 307 23, 669 23, 884 24, 171 24, 443 24, 349 23, 873 23, 140 23, 440 22, 235 20, 673	9/18/2015 17, 535 17, 240 16,881 17,019 17,806 19,262 20,111 20,593 20,980 21,423 21,423 21,423 22,181 22,745 22,804 23,103 23,123 22,157 21,553 21,761 22,224 21,568 20,177	9/19/2015 16,147 15,658 15,213 15,165 15,585 16,361 16,944 17,532 18,249 18,702 18,549 13,314 17,991 17,657 17,454 16,966 16,916 16,400 16,325 16,830 16,260 15,454	9/20/2015 13,193 12,821 12,440 12,430 12,706 13,134 13,235 13,724 14,391 14,841 15,169 15,536 15,476 15,561 15,963 16,444 16,441 16,091 17,047 16,759 15,863	9/21/2015 15,068 15,001 14,958 15,399 16,203 17,694 19,576 19,941 20,343 20,570 20,821 21,221 21,147 20,646 20,604 20,064 19,853 19,758 20,225 19,299 18,008	9/22/2015 15,625 15,479 15,194 15,543 16,603 18,148 19,321 19,581 19,886 20,423 20,784 21,030 21,273 21,357 21,299 21,323 21,177 20,905 20,762 21,302 20,016 18,606	9/23/2015 15,767 15,719 15,347 15,689 16,733 18,031 19,604 20,013 20,400 20,877 21,268 21,663 21,663 21,663 21,907 21,744 21,181 20,796 20,929 19,853 18,433	9/24/2015 16,169 16,055 15,655 15,656 18,140 19,045 19,639 20,132 20,972 21,397 21,771 21,991 22,026 22,088 22,434 22,033 21,627 21,638 21,778 20,658 19,134	9/25/2015 16,720 16,218 15,743 16,162 17,024 18,275 19,670 19,990 20,583 21,057 21,304 21,528 21,995 21,583 21,642 21,483 20,806 20,382 20,071 20,473 19,611	9/26/2015 14,990 14,571 14,178 14,242 14,832 15,493 16,260 16,841 17,564 17,366 17,311 16,759 16,512 16,537 16,767 16,393 16,602 17,145 16,625	9/27/2015 14,009 13,588 13,347 13,392 13,447 13,720 13,962 14,359 15,009 15,651 16,178 16,839 17,370 17,600 17,763 18,316 18,427 18,381 19,094 19,242 18,612	9/28/2015 16,275 16,367 16,118 16,582 17,537 19,082 20,852 21,051 21,596 22,171 22,450 23,013 23,509 23,545 23,231 23,225 23,360 23,445 23,541 23,645 23,541 23,645 22,380	9/29/2015 17,675 17,425 17,089 17,252 18,233 19,912 21,466 21,516 21,750 22,109 22,365 22,500 22,192 21,968 21,714 21,387 21,100 21,028 20,861 19,989	9/30/2015 16,249 15,910 15,819 16,258 17,112 18,645 20,161 20,007 20,299 20,457 20,488 20,434 20,560 20,585 20,131 20,001 19,652 19,805 19,805 19,922 19,138	,
Date Hour 100 200 300 400 500 600 700 800 1000 1100 1200 1300 1500 1600 1700 1800 1900 2000 2200 2300	9/16/2015 17,102 16,531 16,049 16,063 16,975 18,445 19,594 19,951 20,536 21,701 21,903 22,425 23,035 23,194 23,616 24,191 23,755 23,533 22,810 23,152 21,934 20,336 18,874	9/17/2015 17,189 16,840 16,375 16,829 17,471 18,720 19,618 20,472 21,151 21,852 22,528 23,307 23,669 23,884 24,171 24,443 24,349 23,873 23,140 23,440 22,235 20,673 19,112	9/18/2015 17,535 17,240 16,881 17,019 17,806 19,262 20,111 20,593 20,980 21,423 21,849 22,181 22,745 22,804 23,103 23,123 22,157 21,553 21,761 22,224 21,568 20,177 18,460	9/19/2015 16,147 15,658 15,213 15,165 15,585 16,361 16,944 17,532 18,249 18,702 18,549 13,314 17,991 17,657 17,454 16,956 16,916 16,400 16,325 16,830 16,280 15,454 14,504 13,800	9/20/2015 13,193 12,821 12,440 12,430 12,706 13,134 13,235 13,724 14,391 14,841 15,169 15,536 15,476 15,561 15,963 16,434 16,449 16,141 16,091 17,047 16,759 15,863 15,788 15,788	9/21/2015 15,068 15,001 14,958 15,399 16,203 17,694 19,049 19,576 19,941 20,343 20,570 20,821 21,221 21,147 20,646 20,604 19,853 19,758 20,225 19,299 18,008 16,833 16,151	9/22/2015 15,625 15,479 15,194 15,543 16,603 18,148 19,321 19,581 19,886 20,423 20,784 21,030 21,273 21,273 21,357 21,299 21,323 21,177 20,905 20,762 21,302 20,016 18,606 17,277 16,479	9/23/2015 15,767 15,719 15,347 15,689 16,733 18,031 19,131 19,604 20,013 20,400 20,877 21,268 21,663 21,669 21,803 21,907 21,744 21,181 20,796 20,929 19,856 18,433 17,364 16,733	9/24/2015 16,169 16,055 15,655 15,656 18,140 19,045 19,639 20,132 20,972 21,397 21,771 21,991 22,026 22,038 22,434 22,033 21,627 21,638 21,778 20,658 19,134 17,935 17,371	9/25/2015 16,720 16,218 15,743 16,162 17,024 18,275 19,670 19,990 20,583 21,057 21,304 21,528 21,995 21,583 21,642 21,483 20,806 20,382 20,071 20,473 19,611 18,213 16,630 15,581	9/26/2015 14,990 14,571 14,178 14,242 14,832 15,493 16,260 16,841 17,512 17,841 17,564 17,366 17,111 16,759 16,512 16,537 16,767 16,393 16,602 17,145 16,625 15,940 15,293 14,665	9/27/2015 14,009 13,588 13,347 13,392 13,447 13,720 13,962 14,359 15,009 15,651 16,178 16,839 17,370 17,763 18,316 18,427 18,381 19,094 19,242 18,612 17,790 17,561 17,085	9/28/2015 16,275 16,367 16,118 16,582 17,537 19,082 20,852 21,051 21,596 22,171 22,450 23,013 23,509 23,545 23,231 23,225 23,360 23,445 23,541 23,645 22,380 20,905 19,455 18,528	9/29/2015 17,675 17,425 17,089 17,252 18,233 19,912 21,466 21,516 21,750 22,109 22,365 22,500 22,192 21,968 21,714 21,387 21,100 21,028 20,861 20,961 19,989 18,739 17,689 16,890	9/30/2015 16,249 15,910 15,819 16,258 17,112 18,645 20,161 20,007 20,299 20,457 20,458 20,434 20,560 20,585 20,131 20,001 19,652 19,527 19,805 19,922 19,138 17,913 16,822 16,472	Thursday 10/1/2018
100 200 300 400 500 600 700 800 1000 1100 1200 1300 1400 1500 1600 1700 1800 2000 2000 2200 2300 2400	9/16/2015 17,102 16,531 16,049 16,063 16,975 18,445 19,594 19,951 20,536 21,701 21,903 22,425 23,035 23,194 23,616 24,191 23,755 23,533 22,810 23,152 21,934 20,336 18,874 17,884	9/17/2015 17,189 16,840 16,375 16,829 17,471 18,720 19,618 20,472 21,151 21,852 22,528 23,307 23,669 23,884 24,171 24,443 24,443 23,873 23,140 23,440 22,235 20,673 19,112 18,267	9/18/2015 17,535 17,240 16,881 17,019 17,806 19,262 20,111 20,593 21,849 22,181 22,745 22,804 23,103 23,123 21,57 21,553 21,761 22,224 21,568 20,177 18,460 17,031	9/19/2015 16,147 15,658 15,213 15,165 15,585 16,361 16,944 17,532 18,702 18,549 18,702 18,549 18,714 17,951 17,657 17,454 16,956 16,916 16,400 16,325 16,830 16,225 16,830 15,250 15,454 14,504	9/20/2015 13,193 12,821 12,440 12,430 12,706 13,134 13,235 13,724 14,391 14,841 15,169 15,536 15,476 15,556 15,556 15,566 15,561 15,963 16,434 16,449 16,141 16,091 17,047 16,759 15,863 15,788	9/21/2015 15,068 15,001 14,958 15,399 16,203 17,694 19,049 19,576 19,941 20,343 20,570 20,821 21,221 21,147 20,646 20,604 20,064 19,853 19,758 20,225 19,299 18,008 16,833	9/22/2015 15,625 15,479 15,194 15,543 16,603 18,148 19,321 19,581 19,886 20,423 20,784 21,030 21,273 21,357 21,299 21,323 21,177 20,905 20,762 21,302 20,016 18,606 17,277	9/23/2015 15,767 15,719 15,347 15,689 16,733 18,031 19,131 19,604 20,013 20,400 20,877 21,268 21,663 21,663 21,663 21,663 21,697 21,744 21,181 20,796 20,929 19,856 18,433 17,364	9/24/2015 16,169 16,055 15,655 15,646 16,698 18,140 19,045 20,132 20,972 21,397 21,777 21,991 22,026 22,038 22,434 22,033 21,627 21,638 21,778 20,658 19,134 17,935	9/25/2015 16,720 16,218 15,743 16,162 17,024 18,275 19,670 19,990 20,583 21,057 21,304 21,528 21,995 21,583 20,806 20,382 20,071 20,473 19,611 18,213 16,630	9/26/2015 14,990 14,571 14,178 14,242 14,832 15,493 16,260 16,841 17,564 17,366 17,111 16,759 16,512 16,537 16,767 16,393 16,602 17,145 16,625 15,940 15,293	9/27/2015 14,009 13,588 13,347 13,392 13,447 13,720 13,962 14,359 15,009 15,651 16,178 17,600 17,763 18,316 18,427 18,381 19,094 19,242 18,612 17,790 17,561 17,085 390,742	9/28/2015 16,275 16,367 16,118 16,582 17,537 19,082 20,852 21,051 21,596 22,171 22,450 23,013 23,509 23,545 23,231 23,225 23,380 23,445 23,541 23,645 22,380 20,905 19,455	9/29/2015 17,675 17,425 17,089 17,252 18,233 19,912 21,466 21,516 21,750 22,109 22,366 22,500 22,192 21,968 21,714 21,387 21,100 21,028 20,861 20,961 19,989 18,739 17,689 16,890	9/30/2015 16,249 15,910 15,819 16,258 17,112 18,645 20,161 20,007 20,299 20,457 20,488 20,458 20,560 20,585 20,131 20,001 19,652 19,587 19,805 19,922 19,138 17,913 16,822	,





Omega Joint Venture Two
1111 Schrock Rd, Suite 100

INVOICE NUMBER:

INVOICE DATE: 10/12/2015

189861

COLUMBUS, OHIO 43229 **DUE DATE**: 10/22/2015

PHONE: (614) 540-1111 **TOTAL AMOUNT DUE:** \$535.30

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

CUSTOMER P.O. #:

City of Napoleon

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

PLEASE WRITE INVOICE NUMBER ON
REMITTANCE AND RETURN YELLOW INVOICE
COPY. MAKE CHECK PAYABLE TO OMEGA JV 2

OMEGA JV2 POWER INVOICE - September, 2015

DO NOT PAY - AMOUNT AUTOMATICALLY DEDUCTED FROM YOUR BANK ACCOUNT

EMAIL BILLING@AMPPARTNERS.ORG
WITH ANY QUESTIONS

FIXED RATE CHARGE: 264 kW * \$1.55 / kW = \$407.95

ENERGY CHARGE: 0 kWh * \$0.00000 / kWh = \$0.00 SERVICE FEES: 0 kWh * \$0.00000 / kWh = \$0.00

Fuel Costs that were not recovered through Energy Sales to Market = \$127.35

TOTAL CHARGES \$535.30

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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

City of Napoleon

Gregory J. Heath, Finance Director 255 W. Riverview Ave., P.O. Box 151 Napoleon, Ohio 43545-0151 INVOICE NUMBER: 189797

INVOICE DATE: 10/1/2015

DUE DATE: 10/12/2015

TOTAL AMOUNT DUE: \$77,966.90

CUSTOMER NUMBER: 5020

CUSTOMER P.O. NUMBER: BL980397

MAKE CHECKS PAYABLE TO: OMEGA JV5

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

FOR THE MONTH/YEAR OF: September, 2015

DEMAND CHARGES:

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

Base Operating Expense Demand Charge:	\$7.894200	/ kW *	3,088 kW =	\$24,377.29
Seca Associated with JV5.	\$0.000000	/ kW *	3,088 kW =	\$0.00
TOTAL DEMAND CHARGES:	\$7.894200	/ kW *	3,088 kW =	\$24,377.29
ENERGY CHARGES:				
JV5 Repl. Pwr. & Variable (Budgeted Rate):	\$0.024103	/ kWh *	2,223,360 kWh =	\$53,589.61
JV5 Fuel Cost (Actual Expense):	\$0.000000	/ kWh *	2,223,360 kWh =	\$0.00
TOTAL ENERGY CHARGES:	\$0.024103	/ kWh *	2,223,360 kWh =	\$53,589.61

SUB-TOTAL \$77,966.90

Total OMEGA JV5 Invoice: \$77,966.90



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

INVOICE NUMBER: 189839

INVOICE DATE: 10/1/2015

DUE DATE: 10/12/2015

TOTAL AMOUNT DUE: \$51,942.68

CUSTOMER NUMBER: 5020

CUSTOMER P.O. NUMBER: BL980397

MAKE CHECKS PAYABLE TO: OMEGA JV5

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

City of Napoleon

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

Debt Service - OMEGA JV5

FOR THE MONTH/YEAR OF: October, 2015

Financing CHARGES:

Debt Service \$16.820817 / kW * 3,088 kW = \$51,942.68



AMERICAN MUNICIPAL POWER, INC.

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

FAX: (614) 540-1078

INVOICE NUMBER: 189747

INVOICE DATE: 10/1/2015

DUE DATE: 10/17/2015

TOTAL AMOUNT DUE: \$1,187.34

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 2015

Electric Fixed

300 kW * 3.96 per kW-Month

Total

October, 2015 - Electric Fixed \$1,187.34

AMOUNT DUE FOR:

TOTAL CHARGES \$1,187.34

BILLING SUMMARY AN	ID CO	NSUN	IPTION fo	or BILLING	CYCLE	- BINOVI		2015							DET
OVEMBER, 2015															
015 - NOVEMBER BILLING WITH OCT	OBER 20		BILLING UNITS							·					
lass and/or	Rate	Oct-15 # of	Oct-15	Oct-15	Billed kVa	Cost / kWH	Cost / kWH Prior 12 Mo	Nov-14 # of	Nov-14	Nov-14	Cost / kWH	Dec-14 # of	Dec-14	Dec-14	Cost / kWH
Schedule	Code	Bills	(kWh Usage)	Billed	of Demand	For Month	Average	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month
Residential (Dom-In)	E1	3,342	2,616,403	\$258,762.94	0. 200	\$0.0989		3,334	1,789,710	\$174,204.06		3,346	1,886,759	\$218,367.57	
Residential (Dom-In) w/Ecosmart	E1E	10	6,667	\$668.28	0	\$0.1002		10		\$451.85		10		\$534.82	
Residential (Dom-In - All Electric)	E2	611	420,610	\$42,035.32	0	\$0.0999		607	321,736	\$31,363.88	\$0.0975	608		\$50,580.94	\$0.1133
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	889	\$87.10	0	\$0.0980	\$0.1070	1	611	\$58.65	\$0.0960	1	501	\$58.66	\$0.1171
			0.044.500	***************************************			00.1071		0.440.005	4000 070 44			0.000.000	***************************************	00.1150
otal Residential (Domestic)		3,964	3,044,569	\$301,553.64	0	\$0.0990	\$0.1071	3,952	2,116,605	\$206,078.44	\$0.0974	3,965	2,338,388	\$269,541.99	\$0.1153
Residential (Rural-Out)	ER1	751	785,000	\$82,819.91		\$0.1055	\$0.1132	744	583,085	\$60,426.39	\$0.1036	742	675,474	\$81,586.02	\$0.1208
Residential (Rural-Out) w/Ecosmart	ER1E	4		\$313.96	0	\$0.1000		4	2.281	\$247.39	\$0.1030	142	2,638	\$329.81	\$0.1250
Residential (Rural-Out - All Electric)	ER2	388		\$45,060.90	0	\$0.1050		388		\$36,140.53		389		\$53,244.09	
es. (Rural-Out - All Electric) w/Ecosma		2		\$141.65	0	\$0.1117	\$0.1147	2		\$123.39	\$0.1084	. 2		\$199.40	
esidential (Rural-Out w/Dmd)	ER3	15		\$2,093.89	147	\$0.1032	\$0.1084	14		\$1,388.97	\$0.1009	14	71,601	\$7,966.97	\$0.1113
esidential (Rural-Out - All Electric w/Dn	ER4	9	8,917	\$945.17	73	\$0.1060	\$0.1116	9	7,785	\$797.34	\$0.1024	. 9	23,466	\$2,660.70	\$0.1134
						-					-				
otal Residential (Rural)		1,169	1,247,574	\$131,375.48	220	\$0.1053	\$0.1125	1,161	963,057	\$99,124.01	\$0.1029	1,160	1,224,365	\$145,986.99	\$0.1192
:14811 118 1	F00		40.070	******		************	\$0.4054	70	45 500	AF 540.00	00.1011		40.000	40 770 50	00.1101
commercial (1 Ph-In - No Dmd)	EC2 EC2O	77 42		\$6,031.02	17	· ·	\$0.1351 \$0.1707	73 43		\$5,519.36	\$0.1211 \$0.1609	75 42		\$6,779.56	\$0.1461 \$0.1807
ommerciai (1 Pri-Out - No Dilia)	E020	42	7,182	\$1,288.03		\$0.1793	φ0.1707	43	8,801	\$1,415.91	Ф 0.1609	42	9,447	\$1,706.71	\$0.1607
otal Commercial (1 Ph) No Dmd		119	54,060	\$7,319.05	17	\$0.1354	\$0.1411		54,364	\$6,935.27	\$0.1276	117	55,843	\$8,486.27	\$0.1520
0.00.00.00.00.00.00.00.00.00.00.00.00.0			0.,000	41,010.00		ţ000 .	Q 0		0.,00.	40,000.27	Q 0.1.2.10		00,0.0	ψο, ισσι2:	Ç0020
Commercial (1 Ph-In - w/Demand)	EC1	257	393,299	\$48,938.68	2213	\$0.1244	\$0.1331	261	309,852	\$38,313.11	\$0.1236	261	285,091	\$42,288.86	\$0.1483
Commercial (1 Ph-Out - w/Demand)	EC10	24	31,736	\$3,922.40	164			25		\$3,985.67		25		\$4,693.80	
											1				
otal Commercial (1 Ph) w/Demand		281	425,035	\$52,861.08	2,377	\$0.1244	\$0.1327	286	343,240	\$42,298.78	\$0.1232	286	317,795	\$46,982.66	\$0.1478
											ļ				
commercial (3 Ph-Out - No Dmd)	EC4O	2	40	\$40.37	7	\$1.0093	\$0.1339	2	40	\$40.09	\$1.0023	2	40		\$1.0273
otal Commercial (3 Ph) No Dmd		2	40	\$40.37	7	\$1.0093	\$0.1339	2	40	\$40.09	\$1.0023	2	40	\$41.09	\$1.0273
otal Collinercial (3 Fil) No Diliu			40	\$40.37		\$1.0093	φυ.1339		40	\$40.03	\$1.0023	-	40	\$41.03	\$1.0273
ommercial (3 Ph-In - w/Demand)	EC3	207	1,964,197	\$210,975.13	6690	\$0.1074	\$0.1153	202	1,658,973	\$168,675.55	\$0.1017	204	1,467,087	\$189,828.37	\$0.1294
commercial (3 Ph-Out - w/Demand)	EC3O	39	490,615	\$51,407.18	1529	\$0.1048		36	306,434	\$32,879.46		38		\$65,067.80	\$0.1240
ommercial (3 Ph-In - w/Dmd.&Sub-St.C		2		\$18,491.86	683	\$0.0990	\$0.1083	0		\$0.00		0		\$0.00	
ommercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	3	225,600	\$21,815.93	587	\$0.0967	\$0.1075	2	120,160	\$11,063.64	\$0.0921	3	159,760	\$18,732.40	\$0.1173
ommercial (3 Ph-In - w/Demand, No Ta	EC3T	1	4,720	\$498.23	16	\$0.1056	\$0.1191	1	4,240	\$425.68	\$0.1004	. 1	1,720	\$251.76	\$0.1464
otal Commercial (3 Ph) w/Demand		252	2,871,972	\$303,188.33	9,505	\$0.1056	\$0.1147	241	2,089,807	\$213,044.33	\$0.1019	246	2,153,246	\$273,880.33	\$0.1272
Barray (Inc (Dated & Bat)	F1.4	04	0.070.000	#0.40.000.0F	0070	#0.0004	#0.0047	0.4	0.504.004	#000 070 00	#0.077F		0.400.700	DO44 554 70	#0.000F
arge Power (In - w/Dmd & Rct) arge Power (In - w/Dmd & Rct, w/SbCr)	EL1 EL2	21		\$240,200.95 \$66,154.60	6373 1525	\$0.0834 \$0.0719		24	2,591,081 12,720	\$200,872.89 \$2,997.45	\$0.0775 \$0.2356	22		\$244,551.79 \$4,168.43	
arge Power (III - w/Dilid & Rct, w/SbCr)	EL10	0		\$0.00	1020	\$0.0719	\$0.0754	1		\$6,085.29	\$0.2330	0		\$0.00	\$0.2331
arge Power (Out - w/Dmd & Rct, w/SbC		1		\$27,432.02	837	\$0.0000		2		\$31,417.43		1	332,400	\$34,789.33	
arge Power (In - w/Dmd & Rct, w/SbCr)	EL3	2		\$12,388.66	504	\$0.1581		2		\$5,616.55		. 2		\$7,320.50	
g- · · · · · · · · · · · · · · · · · · ·										***************************************					
otal Large Power		25	4,173,962	\$346,176.23	9,239	\$0.0829	\$0.0908	31	3,104,472	\$246,989.61	\$0.0796	27	2,911,451	\$290,830.05	\$0.0999
ndustrial (In - w/Dmd & Rct, w/SbCr)	El1	1	1,179,109	\$83,199.02	2054	\$0.0706		2	1,842,351	\$124,832.49		2	.,,	\$166,544.17	\$0.0888
dustrial (In - w/Dmd & Rct, No/SbCr)	El2	1	1,186,209	\$83,569.80	2015	\$0.0705	\$0.0775	1	1,004,524	\$65,444.00	\$0.0651	1	1,160,439	\$94,981.96	\$0.0819
			0.005.040	0400 700 00	4.000	00.0705	60.0707		0.040.075	0400 070 40	00.000		0.005.000	\$261.526.13	00.0004
otal Industrial		2	2,365,318	\$166,768.82	4,069	\$0.0705	\$0.0787	3	2,846,875	\$190,276.49	\$0.0668	3	3,035,963	\$261,526.13	\$0.0861
terdepartmental (In - No Dmd)	ED1	8	45,505	\$4,669.28	161	\$0.1026	\$0.0965	48	87,580	\$7,416.62	\$0.0847	48	115,508	\$11,947.30	\$0.1034
terdepartmental (Out - No Dmd)	ED10	0		\$0.00	101	\$0.1020	\$0.0903	1	67,360	\$0.00	\$0.0047	1	115,508	\$0.00	
iterdepartmental (Out - w/Dmd)	ED2O	2		\$128.94	0	\$0.1342		0	0	\$0.00	· · · · · · · · · · · · · · · · · · ·	0	0		
iterdepartmental (In - w/Dmd)	ED2	27		\$2,753.37	0	\$0.1237		20		\$16,419.24		20		\$22,712.43	
iterdepartmental (3Ph-In - w/Dmd)	ED3	- 11	207,274	\$20,069.48	561	\$0.0968		0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000
terdepartmental (Street Lights)	EDSL	7		\$5,848.05	0	\$0.0930		0	0			0	0	\$0.00	
terdepartmental (Traffic Signals)	EDTS	14	1,707	\$157.86	0	\$0.0925	\$0.0923	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000
enerators (JV2 Power Cost Only)	GJV2	1		\$630.97	27			1	16,092	\$575.77		1	18,411	\$706.80	
enerators (JV5 Power Cost Only)	GJV5	1	12,197	\$489.10	17	\$0.0401	\$0.0000	1	12,509	\$447.57	\$0.0358	1	14,186	\$544.60	\$0.0384
											.				
otal Interdepartmental		71	368,517	\$34,747.05		\$0.0943	\$0.0922			\$24,859.20	\$0.0787	71		\$35,911.13	\$0.0962
UR TOTAL CONCUMPTION & DEMAN	ID.	F 00F	14 551 047	61 244 020 0E	ne non	60 0004	60 1000		11 024 504	61 000 646 00	. eo 0070	F 077	10 410 555	¢1 222 106 64	60 1074
UB-TOTAL CONSUMPTION & DEMAN	עוי	5,885	14,551,047	\$1,344,030.05	-,	\$0.0924	\$0.1000		11,834,524	\$1,029,646.22	\$0.0870		12,410,555	\$1,333,186.64	\$0.1074
		1	 	========		1	!	 		=========	1	 		=========	
treet Lights (In)	SLO	15	0	\$13.59	n	\$0.0000	\$0.0000	15	0	\$13.59	\$0.0000	15	0	\$13.59	\$0.0000
treet Lights (Out)	SLOO	2	0	\$0.77	0	\$0.0000		2		\$1.92		2		\$0.77	
				Ψ0.77			20.0000			Ψ1.02				Ψ0.77	
otal Street Light Only		17	0		0	\$0.0000	\$0.0000		0		\$0.0000	17	0	\$14.36	\$0.0000
						-									
OTAL CONSUMPTION & DEMAND		5,902	14,551,047	\$1,344,044.41	26,200	\$0.0924	\$0.1000	5,880	11,834,524	\$1,029,661.73	\$0.0870	5,894	12,410,555	\$1,333,201.00	\$0.1074

BILING SUMMARY AN	D COI						BILLIN	G DETERMINAN	TS							DET	ERMINANTS
NOVEMBER, 2015																	
2015 - NOVEMBER BILLING WITH OCT	OBER 201	Jan-15				Feb-15				Mar-15				Apr-15			
Class and/or	Rate	# of	Jan-15	Jan-15	Cost / kWH	# of	Feb-15	Feb-15	Cost / kWH	# of	Mar-15	Mar-15	Cost / kWH	# of	Apr-15	Apr-15	Cost / kWH
Schedule	Code	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month
Residential (Dom-In)	E1	3,341	2,090,119	\$231,507.44	\$0.1108	3,343	2,460,842	\$277,049.48	\$0.1126	3,339	2,519,592	\$275,884.01	\$0.1095	3,353	2,258,877	\$243,502.44	\$0.1078
Residential (Dom-In) w/Ecosmart	E1E	10	4,694	\$534.93	\$0.1140	10	5,535	\$638.05	\$0.1153	10	5,285	\$596.76	\$0.1129	10	4,713	\$526.09	\$0.1116
Residential (Dom-In - All Electric) Res.(Dom-In - All Elec.) w/Ecosmart	E2 E2E	605	626,280 486	\$66,980.81 \$55.17	\$0.1070 \$0.1135	609	759,081 602	\$82,901.38 \$68.88	\$0.1092 \$0.1144	605	856,052 584	\$90,527.43 \$65.32	\$0.1057 \$0.1118	609	790,810 566	\$81,820.65 \$61.97	\$0.1035 \$0.1095
Hes.(Doni-in - All Elec.) W/Ecosman	LZL		400	φυυ.17	φυ.1133			φυσ.σο	φυ.1144		364	φ00.32	φυ.1116		300	φ01.97	φυ.1095
Total Residential (Domestic)		3,957	2,721,579	\$299,078.35	\$0.1099	3,963	3,226,060	\$360,657.79	\$0.1118	3,955	3,381,513	\$367,073.52	\$0.1086	3,973	3,054,966	\$325,911.15	\$0.1067
Residential (Rural-Out)	ER1	741	786,245	\$90,634.81	\$0.1153	743	920,136	\$107,806.83	\$0.1172	744	919,993	\$105,142.88	\$0.1143	744	845,069	\$94,938.92	\$0.1123
Residential (Rural-Out) w/Ecosmart	ER1E ER2	386	3,216 542,347	\$380.67 \$61,253.20	\$0.1184 \$0.1129	389	4,010 637,576	\$477.81	\$0.1192 \$0.1152	388	2,956 661,524	\$354.25 \$74,112.64	\$0.1198 \$0.1120	386	2,722 610,664	\$322.15	\$0.1184 \$0.1098
Residential (Rural-Out - All Electric) Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2	2,293	\$262.79	\$0.1129	369	3,047	\$73,427.20 \$352.55	\$0.1152	2		\$74,112.64	\$0.1120	200	2,810	\$67,063.60 \$311.12	\$0.1098
Residential (Rural-Out w/Dmd)	ER3	15	179,869	\$19,060.99	\$0.1060	15		\$9,062.40	\$0.1105	16		\$3,784.23	\$0.1107	14	18,613	\$2,065.16	\$0.1110
Residential (Rural-Out - All Electric w/Dm	ER4	9	31,504	\$3,417.19	\$0.1085	9	12,102	\$1,410.41	\$0.1165	9	12,137	\$1,378.93	\$0.1136	9	11,828	\$1,314.56	\$0.1111
Total Residential (Rural)		1,157	1,545,474	\$175,009.65	\$0.1132	1,162	1,658,856	\$192,537.20	\$0.1161	1,163	1,634,006	\$185,134.13	\$0.1133	1,159	1,491,706	\$166,015.51	\$0.1113
Commercial (1 Ph-In - No Dmd) Commercial (1 Ph-Out - No Dmd)	EC2 EC2O	74 42	47,636 15,118	\$6,546.57 \$2,302.25	\$0.1374 \$0.1523	73 43		\$7,203.69 \$1,842.35	\$0.1387 \$0.1699	72 42		\$7,253.04 \$1,791.54	\$0.1353 \$0.1662	73 43	49,146 11,360	\$6,602.06 \$1,842.30	\$0.1343 \$0.1622
Commercial (1 Fri-Out - No Dmd)	EU2U	42	15,118	φ2,302.25	фU.1523	43	10,842	φ1,842.35	фU.1699	42	10,778	φ1,/91.54	фU.1662	43	11,360	φ1,842.30	ъ∪. 1622
Total Commercial (1 Ph) No Dmd		116	62,754	\$8,848.82	\$0.1410	116	62,788	\$9,046.04	\$0.1441	114	64,394	\$9,044.58	\$0.1405	116	60,506	\$8,444.36	\$0.1396
Commercial (1 Ph-In - w/Demand)	EC1	262	299,212	\$40,914.08	\$0.1367	260	318,336	\$44,230.24	\$0.1389	263	358,653	\$47,446.55	\$0.1323	261	337,480	\$44,282.75	\$0.1312
Commercial (1 Ph-Out - w/Demand)	EC1O	25	39,221	\$5,103.98	\$0.1301	25		\$5,738.12	\$0.1312	25		\$6,199.88	\$0.1255	25	45,917	\$5,650.20	\$0.1231
Total Commercial (1 Ph) w/Demand		287	338,433	\$46,018.06	\$0.1360	285	362,061	\$49,968.36	\$0.1380	288	408,043	\$53,646.43	\$0.1315	286	383,397	\$49,932.95	\$0.1302
Commercial (3 Ph-Out - No Dmd)	EC4O	2	15,280	\$1,848.85	\$0.1210	2	11,240	\$1,405.73	\$0.1251	2	2,120	\$289.03	\$0.1363	2	40	\$40.67	\$1.0168
Total Commercial (3 Ph) No Dmd		2	15,280	\$1,848.85	\$0.1210	2	11,240	\$1,405.73	\$0.1251	2	2,120	\$289.03	\$0.1363	2	40	\$40.67	\$1.0168
Total Commercial (3 PH) No Blid		-	13,200	\$1,040.03	Ψ0.1210		11,240	\$1,403.73	90.1231		2,120	φ203.03	ψ0.1303		40	\$ 4 0.07	φ1.0100
Commercial (3 Ph-In - w/Demand)	EC3	207	1,489,862	\$175,738.76	\$0.1180	206	1,484,549	\$179,779.52	\$0.1211	206	1,553,843	\$182,632.23	\$0.1175	206	1,532,298	\$176,808.22	\$0.1154
Commercial (3 Ph-Out - w/Demand)	EC3O	39	509,276	\$60,103.49	\$0.1180	39	441,177	\$54,737.85	\$0.1241	39		\$50,528.66	\$0.1170	39	416,052	\$47,645.15	\$0.1145
Commercial (3 Ph-In - w/Dmd.&Sub-St.C	EC3S	2	28,920	\$3,489.22	\$0.1207	2	35,160	\$4,376.14	\$0.1245	2		\$6,997.97	\$0.1171	2	71,760	\$8,159.09	\$0.1137
Commercial (3 Ph-Out - w/Dmd.&Sub-St Commercial (3 Ph-In - w/Demand, No Ta	E3SO EC3T	3	134,720 1,720	\$14,815.71 \$212.77	\$0.1100 \$0.1237	3	142,800 1,760	\$15,978.00 \$220.15	\$0.1119 \$0.1251	3	145,880 1,880	\$16,065.70 \$228.87	\$0.1101 \$0.1217	3	141,160 1,720	\$15,333.57 \$204.83	\$0.1086 \$0.1191
Commercial (3 FII-III - W/Demand, No Ta	EUST		1,720	Ψ212.77	φυ.1237		1,760	φ220.13	φ0.1231		1,000	φ220.07	φυ.1217		1,720	φ204.63	φυ.1191
Total Commercial (3 Ph) w/Demand		252	2,164,498	\$254,359.95	\$0.1175	251	2,105,446	\$255,091.66	\$0.1212	251	2,193,335	\$256,453.43	\$0.1169	251	2,162,990	\$248,150.86	\$0.1147
Large Power (In - w/Dmd & Rct)	EL1	21	2,714,966	\$260,835.25	\$0.0961	20	2,012,124	\$202,074.39	\$0.1004	20	2,226,845	\$211,633.90	\$0.0950	20	2,108,673	\$202,315.27	\$0.0959
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	0	0	\$0.00	\$0.0000	1	833,540	\$69,635.03	\$0.0835	1	759,238	\$62,063.40	\$0.0817	1	700,316	\$57,506.54	\$0.0821
Large Power (Out - w/Dmd & Rct)	EL10	0	0	\$0.00	\$0.0000	0		\$0.00	\$0.0000	0		\$0.00	\$0.0000	0	0	\$0.00	\$0.0000
Large Power (Out - w/Dmd & Rct, w/SbO	EL2O	1	286,800	\$29,892.25	\$0.1042	1	230,400	\$26,226.17	\$0.1138	1		\$32,659.20	\$0.0969	1	295,200	\$29,423.85	\$0.0997
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	82,105	\$7,896.64	\$0.0962	2	88,088	\$7,543.29	\$0.0856	2	88,046	\$7,302.78	\$0.0829	2	82,101	\$6,908.38	\$0.0841
Total Large Power		24	3,083,871	\$298,624.14	\$0.0968	24	3,164,152	\$305,478.88	\$0.0965	24	3,411,329	\$313,659.28	\$0.0919	24	3,186,290	\$296,154.04	\$0.0929
Industrial (In - w/Dmd & Rct, w/SbCr)	El1	1	995,447	\$84,801.83	\$0.0852	1	847,503	\$79,203.45	\$0.0935	1	1,123,360	\$91,332.81	\$0.0813	1	1,013,401	\$83,488.50	\$0.0824
Industrial (In - w/Dmd & Rct, No/SbCr)	El2	1	1,025,085	\$83,073.20	\$0.0810	1	1,013,882	\$84,741.29	\$0.0836	1	1,101,193	\$88,302.30	\$0.0802	1	991,550	\$77,788.63	\$0.0785
Total Industrial		2	2,020,532	\$167,875.03	\$0.0831	2	1,861,385	\$163,944.74	\$0.0881	2	2,224,553	\$179,635.11	\$0.0808	2	2,004,951	\$161,277.13	\$0.0804
Interdepartmental (In - No Dmd)	ED1	48	152,891	\$14,484.81	\$0.0947	48	168,336	\$16,489.89	\$0.0980	48	174,867	\$16,615.11	\$0.0950	48	159,637	\$14,757.99	\$0.0924
Interdepartmental (Out - No Dmd)	ED10	1	0	\$0.00	\$0.0000	1	00,000	\$0.00	\$0.0000	1		\$0.00	\$0.0930	1	0	\$0.00	\$0.0924
Interdepartmental (Out - w/Dmd)	ED2O	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000
Interdepartmental (In - w/Dmd)	ED2	20	323,713	\$29,965.96	\$0.0926	20	366,684	\$35,085.73	\$0.0957	20	374,462	\$34,779.41	\$0.0929	20	346,492	\$31,272.53	\$0.0903
Interdepartmental (3Ph-In - w/Dmd)	ED3	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0		\$0.00	\$0.0000	0	0	\$0.00 \$0.00	\$0.0000
Interdepartmental (Street Lights) Interdepartmental (Traffic Signals)	EDSL EDTS	0	0	\$0.00 \$0.00	\$0.0000 \$0.0000	0	0	\$0.00 \$0.00	\$0.0000 \$0.0000	0		\$0.00 \$0.00	\$0.0000 \$0.0000	0	0	\$0.00 \$0.00	\$0.0000 \$0.0000
Generators (JV2 Power Cost Only)	GJV2	1	18,971	\$624.34	\$0.0000	1	21,158	\$710.91	\$0.0336	1		\$1,085.50	\$0.0441	1	20,605	\$1,068.78	\$0.0519
Generators (JV5 Power Cost Only)	GJV5	1	14,576	\$479.70	\$0.0329	1	17,958	\$603.39	\$0.0336	1		\$822.28	\$0.0441	1	15,792	\$819.13	\$0.0519
Total Interdeports		71	E40.4F4	64F FF4 04	60 0000		E74 400	#E0 000 00	60.0001	71	F00 F00	ΦΕΩ ΩΩΩ ΩΩ	60.0000			647.040.40	#0.000
Total Interdepartmental		71	510,151	\$45,554.81	\$0.0893	71	574,136	\$52,889.92	\$0.0921	71	592,599	\$53,302.30	\$0.0899	71	542,526	\$47,918.43	\$0.0883
SUB-TOTAL CONSUMPTION & DEMAN	D	5,868	12,462,572	\$1,297,217.66 	\$0.1041	5,876	13,026,124	\$1,391,020.32	\$0.1068	5,870	13,911,892	\$1,418,237.81	\$0.1019	5,884	12,887,372	\$1,303,845.10 	\$0.1012
Street Lights (In) Street Lights (Out)	SLOO SLOO	15 2	0	\$13.58 \$0.77	\$0.0000 \$0.0000	15 2	0	\$13.58 \$0.77	\$0.0000 \$0.0000	15 2		\$13.59 \$0.77	\$0.0000 \$0.0000	15 2	0	\$13.59 \$0.77	\$0.0000 \$0.0000
Total Street Light Only		17	0	\$14.35	\$0.0000	17	0	\$14.35	\$0.0000	17	0	\$14.36	\$0.0000	17	0	\$14.36	\$0.0000
TOTAL CONSUMPTION & DEMAND		5,885	12,462,572	\$1,297,232.01	\$0.1041	5,893	13,026,124	\$1,391,034.67	\$0.1068	5,887	13,911,892	\$1,418,252.17	\$0.1019	5,901	12,887,372	\$1,303,859.46	
			12,402,372	========	=====			========	=====			========	=====		=========	=========	φυ.1012 =====

BILLING SUMMARY AN	ID CO							BILLING DE	TERMINANT	S							DETE	RMINAN	TS
NOVEMBER, 2015																			
2015 - NOVEMBER BILLING WITH OCT	OBER 201	May-15				Jun-15				Jul-15				Aug-15				Sep-15	
Class and/or	Rate	# of	May-15	May-15	Cost / kWH	# of	Jun-15	Jun-15	Cost / kWH	# of	Jul-15	Jul-15	Cost / kWH	# of	Aug-15	Aug-15	Cost / kWH	# of	Sep-15
Schedule	Code	Bills	(kWh Usage)	<u>Billed</u>	For Month	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	<u>Billed</u>	For Month	Bills	(kWh Usage)
Residential (Dom-In)	E1	3,348	1,980,302	\$212,898.74	\$0.1075	3,349	1,643,997	\$181,771.12	\$0.1106	3,351	2,075,385	\$230,585.66	\$0.1111	3,345	2,432,992	\$261,151.97	\$0.1073	3,357	3,009,830
Residential (Dom-In) w/Ecosmart Residential (Dom-In - All Electric)	E1E E2	10 607	4,422 563,183	\$490.55 \$58,474.50	\$0.1109 \$0.1038	10 608	4,021 367,420	\$455.42 \$39,775.31	\$0.1133 \$0.1083	10 611	5,539 371,740	\$621.73 \$41,369.32	\$0.1122 \$0.1113	10 607	6,313 401,010	\$685.86 \$43,387.95	\$0.1086 \$0.1082	10 608	8,544 475,200
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	615	\$65.88	\$0.1071	1	461	\$51.33	\$0.1113	1	677	\$74.67	\$0.1103	1	917	\$96.91	\$0.1057	1	1,019
Total Residential (Domestic)		3,966	2,548,522	\$271,929.67	\$0.1067	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
Residential (Rural-Out)	ER1	744	723,533	\$81,281.84	\$0.1123	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	2,446	\$289.81	\$0.1185	4	2,057	\$252.09	\$0.1226	4	2,199	\$273.52	\$0.1244	4	2,524	\$302.24	\$0.1197	4	3,050
Residential (Rural-Out - All Electric)	ER2	387	493,251	\$54,202.13	\$0.1099	388	346,446	\$39,581.00	\$0.1142	386	386,537	\$44,881.69	\$0.1161	386	389,872	\$44,339.94	\$0.1137	389	459,500
Res. (Rural-Out - All Electric) w/Ecosman	ER2E	2	2,217	\$246.28	\$0.1111	2	1,345	\$158.58	\$0.1179	2	1,153	\$142.35	\$0.1235	2	1,201	\$144.72	\$0.1205	2	1,369
Residential (Rural-Out w/Dmd) Residential (Rural-Out - All Electric w/Dm	ER3 ER4	15 9	-	\$2,394.91 \$1,079.90	\$0.1087 \$0.1114	15 9	38,586 7.050	\$4,115.04 \$816.43	\$0.1066 \$0.1158	15 9	30,981 7,011	\$3,430.53 \$834.01	\$0.1107 \$0.1190	15 9	17,878 7,864	\$2,003.96 \$906.42	\$0.1121 \$0.1153	15 9	9,622 9,346
riesidentiai (ridiai-Odi - Ali Electric W/Dii	LITT		3,030	Ψ1,073.30	ψ0.1114		7,030	Ψ010.43	ψ0.1130		7,011	Ψ004.01	ψ0.1130		7,004	ψ300.42	ψ0.1133		3,540
Total Residential (Rural)		1,161	1,253,168	\$139,494.87	\$0.1113	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
Occupanist (4 District No Decel)	F00	70	40.440	#0.440.54	Φ0.4000	70	40.004	#F 000 00	⊕0.4070	74	45.007	#0.07F.00	#0.4000	75	40.700	Ф0 044 00	#0.4074	75	45.000
Commercial (1 Ph-In - No Dmd) Commercial (1 Ph-Out - No Dmd)	EC2O	73 43		\$6,412.51 \$1,725.43	\$0.1332 \$0.1645	72 43	40,831 7,705	\$5,602.99 \$1,411.91	\$0.1372 \$0.1832	74 42	45,227 7,061	\$6,275.38 \$1,346.71	\$0.1388 \$0.1907	75 42	43,780 7,054	\$6,014.28 \$1,329.85	\$0.1374 \$0.1885	75 42	45,629 7,671
Commercial (1111 Out - NO Dilla)	2020	40	10,492	φ1,720.43	ψυ. 1040	40	7,705	φ1,411.91	ψ0.1032	42	7,001	φ1,340.71	ψ0.1307		7,034	φ1,329.63	ψυ. 1000		7,071
Total Commercial (1 Ph) No Dmd		116	58,635	\$8,137.94	\$0.1388	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
	FC:			0.45 ==== :							000	0.40			0				
Commercial (1 Ph-In - w/Demand) Commercial (1 Ph-Out - w/Demand)	EC10	260 25	328,539 42,980	\$42,760.94 \$5.320.61	\$0.1302 \$0.1238	259 25	284,829 33.206	\$38,606.84 \$4,345.55	\$0.1355 \$0.1309	257 25	300,429 30,768	\$42,301.06 \$4,240.82	\$0.1408 \$0.1378	256 25	339,892 33,702	\$45,546.10 \$4,489.48	\$0.1340 \$0.1332	257 24	380,148 34,571
Commercial (1 F11-Out - W/Demand)	ECIO		42,900	φυ,υ20.01	φυ.1236		33,200	φ4,343.33	φυ.1309		30,700	Ψ4,240.02	φυ.1376		33,702	φ4,469.46	φυ.1332		34,371
Total Commercial (1 Ph) w/Demand		285	371,519	\$48,081.55	\$0.1294	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
	5010		4.400		*** 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		100	A5.4.50	*****				** 5000		40	***	\$4.04 7 0		
Commercial (3 Ph-Out - No Dmd)	EC4O	2	1,160	\$169.60	\$0.1462	2	160	\$54.59	\$0.3412	2	80	\$45.54	\$0.5693	2	40	\$40.68	\$1.0170	2	80
Total Commercial (3 Ph) No Dmd		2	1,160	\$169.60	\$0.1462	2	160	\$54.59	\$0.3412	2	80	\$45.54	\$0.5693	2	40	\$40.68	\$1.0170	2	80
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Commercial (3 Ph-In - w/Demand)	EC3	207	1,441,600	\$165,075.33	\$0.1145	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
Commercial (3 Ph-Out - w/Demand) Commercial (3 Ph-In - w/Dmd.&Sub-St.C	EC3O EC3S	39		\$41,976.45 \$11,375.57	\$0.1135 \$0.1066	39	338,498 132,480	\$40,047.49 \$15,824.02	\$0.1183 \$0.1194	38	410,615 148,920	\$48,498.64 \$16,349.54		38	351,305 164,520	\$41,198.22	\$0.1173 \$0.1059	39	369,943
Commercial (3 Ph-Out - w/Dmd.&Sub-St.C		3	132,720	\$14,380.98	\$0.1086	3	140.520	\$15,336.38	\$0.1194	3	200,400	\$21,574.45		3	141,360	\$17,424.80 \$15,487.53	\$0.1059	3	204,960 106,600
Commercial (3 Ph-In - w/Demand, No Ta		1	1,560	\$187.94	\$0.1205	1	1,800	\$215.71	\$0.1198	1	2,000	\$274.19		1	2,960	\$362.43	\$0.1224	1	3,280
Total Commercial (3 Ph) w/Demand		252	2,052,344	\$232,996.27	\$0.1135	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
Large Power (In - w/Dmd & Rct)	EL1	20	2.284.380	\$207,502.78	\$0.0908	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
Large Power (In - w/Dmd & Rct, w/SbCr)		1	670,523	\$51,650.04	\$0.0770	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
Large Power (Out - w/Dmd & Rct)	EL10	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00		0	0	\$0.00	\$0.0000	0	0
Large Power (Out - w/Dmd & Rct, w/SbC		1	286,800	\$27,782.97	\$0.0969	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
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	55,869	\$6,524.97	\$0.1168	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
Total Large Power		24	3,297,572	\$293,460.76	\$0.0890	25	3,409,034	\$308,305.53	\$0.0904	25	3,630,640	\$343,356.42	\$0.0946	25		\$330,373.70	\$0.0933	25	4,051,528
Industrial (In - w/Dmd & Rct, w/SbCr)	El1	1	1,030,321	\$80,038.20	\$0.0777	1	1,070,789	\$83,886.09	\$0.0783	1	1,152,988	\$93,054.84		1	998,762	\$82,701.17	\$0.0828	1	1,197,585
Industrial (In - w/Dmd & Rct, No/SbCr)	El2	1	1,107,040	\$83,449.52	\$0.0754	1	1,059,232	\$81,867.50	\$0.0773	1	1,077,121	\$88,456.90	\$0.0821	1	1,052,393	\$85,875.61	\$0.0816	1	1,268,977
Total Industrial		2	2,137,361	\$163,487.72	\$0.0765	2	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
							, 11,11												
Interdepartmental (In - No Dmd)	ED1	48	100,000	\$12,636.25	\$0.0910	48	91,122	\$8,411.66	\$0.0923	8	49,074	\$5,581.34		8	51,229	\$5,640.62	\$0.1101	8	53,261
Interdepartmental (Out - No Dmd) Interdepartmental (Out - w/Dmd)	ED10 ED20	1	9	\$0.83 \$0.00	\$0.0922 \$0.0000	1	244	\$22.43 \$0.00	\$0.0919 \$0.0000	2	825	\$0.00 \$122.51	\$0.0000 \$0.1485	2	885	\$0.00 \$127.65	\$0.0000 \$0.1442	2	1,033
Interdepartmental (Out - W/Dmd)	ED20	20	276,255	\$24,506.50	\$0.0887	20	207,191	\$18,542.20	\$0.0000	30	23,382	\$3,137.40		31	21,096	\$2,841.84	\$0.1347	27	
Interdepartmental (3Ph-In - w/Dmd)	ED3	0	0	\$0.00	\$0.0000	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
Interdepartmental (Street Lights)	EDSL	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	7	62,879	\$5,850.15		7	62,879	\$5,850.15		7	62,879
Interdepartmental (Traffic Signals) Generators (JV2 Power Cost Only)	EDTS GJV2	1	19,378	\$0.00 \$1,034.98	\$0.0000 \$0.0534	1	0 17,280	\$0.00 \$748.40	\$0.0000 \$0.0433	15	1,782 16,671	\$164.29 \$695.01		15	1,676 15,739	\$154.50 \$712.35	\$0.0922 \$0.0453	15	1,657 14,697
Generators (JV5 Power Cost Only)	GJV5	1	9,449	\$504.67	\$0.0534	1	0	\$0.00	\$0.0000	1	28,010	\$1,167.74		1	11,638	\$526.74		1	11,234
													l						
Total Interdepartmental		71	443,996	\$38,683.23	\$0.0871	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
SUB-TOTAL CONSUMPTION & DEMAN	ND	5,879	12,164,277	\$1,196,441.61	\$0.0984	5,887	11,261,298	\$1,124,176.97	\$0.0998	5,891	12,473,752	\$1,288,514.94	\$0.1033	5,886	12,715,742	\$1,300,417.70	\$0.1023	5,900	14,665,472
The state of the s			==========	========	÷0.0004			=========	÷0.0000			=========	,UUU		=========	========	Ţ00 2 0		
Street Lights (In)	SLO	15		\$13.58	\$0.0000	15	0	\$13.58	\$0.0000	15	0	\$13.59		15	0	\$13.59	\$0.0000	15	0
Street Lights (Out)	SLOO	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	2	0
Total Street Light Only		17		\$14.35	\$0.0000	17		\$14.35	\$0.0000	17	0	\$14.36	\$0.0000	17	0	\$14.36	\$0.0000	17	
TOTAL CONSUMPTION & DEMAND		5,896		\$1,196,455.96		5,904	- ' '		\$0.0998	5,908	12,473,752	\$1,288,529.30	•	5,903	, ,	\$1,300,432.06		5,917	
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BILLING SUMMARY AN	ID CO				BILLING D	ETERMINANTS						
NOVEMBER, 2015												
2015 - NOVEMBER BILLING WITH OCT	OBER 201	1		Oct-15				TOTAL	TOTAL	Avg.Cost	Avg.Num.	Avg.Per.%
Class and/or	Rate	Sep-15	Cost / kWH	# of	Oct-15	Oct-15	Cost / kWH	KWH USEAGE	BILLING	Per kWH	of Bills	of Bills
Schedule	Code	Billed	For Month	Bills	(kWh Usage)	Billed	For Month	PRIOR 12 MO	PRIOR 12 MO	For Period	For Period	For Period
Residential (Dom-In)	E1	\$309,195.73	\$0.1027	3,342	2,616,403	\$258,762.94	\$0.0989	26,764,808	\$2,874,881.16		3,346	56.7303%
Residential (Dom-In) w/Ecosmart	E1E	\$880.66	\$0.1031	10	6,667	\$668.28	\$0.1002	64,799	\$7,085.00		10	0.1696%
Residential (Dom-In - All Electric)	E2	\$49,287.93	\$0.1037	611	420,610	\$42,035.32	\$0.0999	6,399,732	\$678,505.42		608	10.3080%
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	\$103.88	\$0.1019	1	889	\$87.10	\$0.0980	7,928	\$848.42	\$0.1070	1	0.0170%
Total Residential (Domestic)		\$359,468.20	\$0.1029	3,964	3,044,569	\$301,553.64	\$0.0990	33,237,267	\$3,561,320.00	\$0.1071	3,965	67.2248%
Residential (Rural-Out)	ER1	\$93,834.18	\$0.1095	751	785,000	\$82,819.91	\$0.1055	9,068,601	\$1,026,970.37	\$0.1132	746	12.6523%
Residential (Rural-Out)	ER1E	\$347.44	\$0.1093	4	2,854	\$313.96	\$0.1033	32,953	\$3,891.14		746	0.0678%
Residential (Rural-Out - All Electric)	ER2	\$50,180.31	\$0.1092	388	429,237	\$45,060.90	\$0.1050	5,761,515	\$643,487.23		388	6.5706%
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	\$157.93	\$0.1154	2		\$141.65	\$0.1117	22,686	\$2,601.96		2	0.0339%
Residential (Rural-Out w/Dmd)	ER3	\$1,118.35	\$0.1162	15	20,298	\$2,093.89	\$0.1032	539,400	\$58,485.40		15	0.2515%
Residential (Rural-Out - All Electric w/Dm	ER4	\$1,031.20	\$0.1103	9	8,917	\$945.17	\$0.1060	148,708	\$16,592.26	\$0.1116	9	0.1526%
Total Residential (Rural)		\$146,669.41	\$0.1095	1,169	1,247,574	\$131,375.48	\$0.1053	15,573,863	\$1,752,028.36	\$0.1125	1,164	19.7287%
Commercial (1 Ph-In - No Dmd)	EC2	\$6,090.42	\$0.1335	77	46,878	\$6,031.02	\$0.1287	564,791	\$76,330.88	\$0.1351	74	1.2519%
Commercial (1 Ph-Out - No Dmd)	EC2O	\$1,378.18	\$0.1797	42	7,182	\$1,288.03	\$0.1793	113,511	\$19,381.17		42	0.7192%
Total Commercial (1 Ph) No Dmd		\$7,468.60	\$0.1401	119	54,060	\$7,319.05	\$0.1354	678,302	\$95,712.05	\$0.1411	116	1.9712%
rotal Commercial (1 Pm) NO Ding		φ1,400.6U	φU.14U1	119	34,000	φ <i>1</i> ,318.05	φU.1354	070,302	φ 9 5,712.05	φU.1411	110	1.3/12%
Commercial (1 Ph-In - w/Demand)	EC1	\$48,330.68	\$0.1271	257	393,299	\$48,938.68	\$0.1244	3,935,760	\$523,959.89		260	4.4002%
Commercial (1 Ph-Out - w/Demand)	EC10	\$4,404.97	\$0.1274	24	31,736	\$3,922.40	\$0.1236	451,308	\$58,095.48 	\$0.1287	25	0.4211%
Total Commercial (1 Ph) w/Demand		\$52,735.65	\$0.1272	281	425,035	\$52,861.08	\$0.1244	4,387,068	\$582,055.37	\$0.1327	284	4.8213%
Commercial (3 Ph-Out - No Dmd)	EC4O	\$45.11	\$0.5639	2	40	\$40.37	\$1.0093	30,320	\$4,061.35	\$0.1339	2	0.0339%
Total Commercial (3 Ph) No Dmd		\$45.11	\$0.5639	2	40	\$40.37	\$1.0093	30,320	\$4,061.35	\$0.1339	2	0.0339%
								·				
Commercial (3 Ph-In - w/Demand)	EC3	\$199,840.42	\$0.1117	207	1,964,197	\$210,975.13	\$0.1074	19,056,374	\$2,196,791.69		206	3.4987%
Commercial (3 Ph-Out - w/Demand)	EC3O	\$42,978.63	\$0.1162	39	490,615	\$51,407.18	\$0.1048	4,960,350	\$577,069.02		39	0.6528%
Commercial (3 Ph-In - w/Dmd.&Sub-St.C Commercial (3 Ph-Out - w/Dmd.&Sub-St	EC3S E3SO	\$20,921.37 \$11,944.61	\$0.1021 \$0.1121	3	186,840 225,600	\$18,491.86 \$21,815.93	\$0.0990 \$0.0967	1,140,000 1,791,680	\$123,409.58 \$192,528.90		2	0.0311% 0.0495%
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	\$414.79	\$0.1121	1	4,720	\$498.23	\$0.0967	29,360	\$3,497.35		3	0.0495%
Commercial (6 1 11 III W/Demark, 146 14	2001	Ψ114.70	ψ0.1200			Ψ+30.20	ψ0.1000		φο, 407.00	ψ0.1101		0.017070
Total Commercial (3 Ph) w/Demand		\$276,099.82	\$0.1116	252	2,871,972	\$303,188.33	\$0.1056	26,977,764	\$3,093,296.54	\$0.1147	251	4.2490%
Large Power (In - w/Dmd & Rct)	EL1	\$244,150.03	\$0.0869	21	2,879,666	\$240,200.95	\$0.0834	29,462,374	\$2,702,212.32	\$0.0917	21	0.3561%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	\$64,298.04	\$0.0765	1	919,537	\$66,154.60	\$0.0719	6,883,803	\$546,828.40	\$0.0794	1	0.0184%
Large Power (Out - w/Dmd & Rct)	EL10	\$0.00	\$0.0000	0		\$0.00	\$0.0000	63,000	\$6,085.29		0	0.0014%
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	\$28,453.60	\$0.0885	1	296,400	\$27,432.02	\$0.0926	3,650,400	\$356,926.77		1	0.0184%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	\$9,925.82	\$0.1244	2	78,359	\$12,388.66	\$0.1581	904,189	\$108,183.35	\$0.1196	2	0.0339%
Total Large Power		\$346,827.49	\$0.0856	25	4,173,962	\$346,176.23	\$0.0829	40,963,766	\$3,720,236.13	\$0.0908	25	0.4281%
Industrial (In - w/Dmd & Rct, w/SbCr)	El1	\$90,044.76	\$0.0752	1	1,179,109	\$83,199.02	\$0.0706	14,327,140	\$1,143,127.33	\$0.0798	1	0.0198%
Industrial (In - w/Dmd & Rct, No/SbCr)	El2	\$93,848.76	\$0.0732	1	1,186,209	\$83,569.80	\$0.0705	13,047,645	\$1,011,399.47		1	0.0170%
Total Industrial		\$183,893.52	\$0.0746	2	2,365,318	\$166,768.82	\$0.0705	27,374,785	\$2,154,526.80	\$0.0787	2	0.0367%
Interdepartmental (In - No Dmd)	ED1	\$5,694.67	\$0.1069	8		\$4,669.28	\$0.1026	1,287,915	\$124,345.54		35	0.5878%
Interdepartmental (Out - No Dmd)	ED10	\$0.00	\$0.0000	0		\$0.00	\$0.0000	253	\$23.26		1	0.0113%
Interdepartmental (Out - w/Dmd)	ED2O	\$141.76	\$0.1372	2		\$128.94	\$0.1342	3,704	\$520.86		1	0.0113%
Interdepartmental (In - w/Dmd)	ED2 ED3	\$3,193.85 \$21,275,17	\$0.1268 \$0.1056	27 11	22,259	\$2,753.37 \$20,069.48		2,411,971	\$225,210.46		23 4	0.3886% 0.0622%
Interdepartmental (3Ph-In - w/Dmd) Interdepartmental (Street Lights)	EDSL	\$21,275.17 \$5,850.15	\$0.1056	7	207,274 62,879	\$20,069.48		793,755 251,516	\$83,887.82 \$23,398.50	\$0.1057	2	0.0622%
Interdepartmental (Traffic Signals)	EDTS	\$153.18	\$0.0924	14	1,707	\$157.86	\$0.0925	6,822	\$629.83		5	0.0834%
Generators (JV2 Power Cost Only)	GJV2	\$625.95	\$0.0426	1	15,735	\$630.97	\$0.0401	219,357	\$9,219.76	\$0.0420	1	0.0170%
Generators (JV5 Power Cost Only)	GJV5	\$478.46	\$0.0426	1	12,197	\$489.10	\$0.0401	166,199	\$6,883.38	\$0.0414	1	0.0170%
Total Interdepartmental		\$37,413.19	\$0.1007	71	368,517	\$34,747.05	\$0.0943	5,141,492	\$474,119.41	\$0.0922	72	1.2180%
SUB-TOTAL CONSUMPTION & DEMAN	ND_	\$1,410,620.99	\$0.0962	5,885	14,551,047	\$1,344,030.05	\$0.0924	154,364,627	\$15,437,356.01	\$0.1000	5,881	99.7117%
						=========		========	=======			
Street Lights (In)	SLO	\$13.59	\$0.0000	15	0	\$13.59	\$0.0000	0	\$163.04	\$0.0000	15	0.2543%
Street Lights (Out)	SLOO	\$0.77	\$0.0000	2	0	\$0.77		0	\$10.39		2	0.0339%
Total Street Light Only		\$14.36	\$0.0000	17	0	\$14.36	\$0.0000	0	\$173.43	\$0.0000	17	0.2883%
TOTAL CONCUMPTION & DEMAND		#1 410 GOE OF	60.0000		14 551 047	et 244 044 41	60.000	154 264 627	61E 427 E00 44	60 1000	F 000	100 00000
TOTAL CONSUMPTION & DEMAND		\$1,410,635.35	\$0.0962	5,902	14,551,047	\$1,344,044.41	\$0.0924 =====	154,364,627	\$15,437,529.44 	\$0.1000	5,898 =====	100.0000%
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AMERICAN MUNICIPAL POWER INC ATTN TREASURY DEPT 1111 SCHROCK RD COLUMBUS OH 43229 00-0-M -Q-PC -274-04 0116208-00-00546-04

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

This statement is for the period from September 1, 2015 to September 30, 2015

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



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

This statement is for the period from September 1, 2015 to September 30, 2015

MARKET	VALUE SUMMARY	
	Current Period 09/01/15 to 09/30/15	
Beginning Market Value	\$1,360,395.75	
Distributions	- 70,000.00	
Adjusted Market Value	\$1,290,395.75	
Investment Results		
Interest, Dividends and Other Income	7.11	
Total Investment Results	\$7.11	
Ending Market Value	\$1,290,402.86	



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

This statement is for the period from September 1, 2015 to September 30, 2015

	ASSET D	ETAIL AS OF 0	9/30/15		
Shares or Face Amount	Security Description	Market Value/ Price	Tax Cost/ Unit Cost	% of Total Yield at Market	Est Ann Inc
Cash Equi	ivalents				
1,290,402.860	First American Government Obligation Fund CI A 31846V849	1,290,402.86 1.0000	1,290,402.86 1.00	100.0 .01 **	78.71
Total Casi	n Equivalents	\$1,290,402.86	\$1,290,402.86	100.0	\$78.71
Cash					
	Principal Cash	- 402.86	- 402.86		
	Income Cash	402.86	402.86		
	Total Cash	\$0.00	\$0.00	0.0	
Total Ass	sets	\$1,290,402.86	\$1,290,402.86	100.0	\$78.71

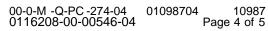
ASSET DETAIL MESSAGES

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.





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

This statement is for the period from September 1, 2015 to September 30, 2015

CASH SUMMARY																																										
CASH SUMMARY																																										
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	Income Cash	Principal Cash	Tota Cash
Beginning Cash Balance as of 09/01/2015	\$395.75	- \$395.75	\$.00
Taxable Interest	7.11		7.11
Cash Disbursements		- 70,000.00	- 70,000.00
Net Money Market Activity		69,992.89	69,992.89
Ending Cash Balance as of 09/30/2015	\$402.86	- \$402.86	\$0.00

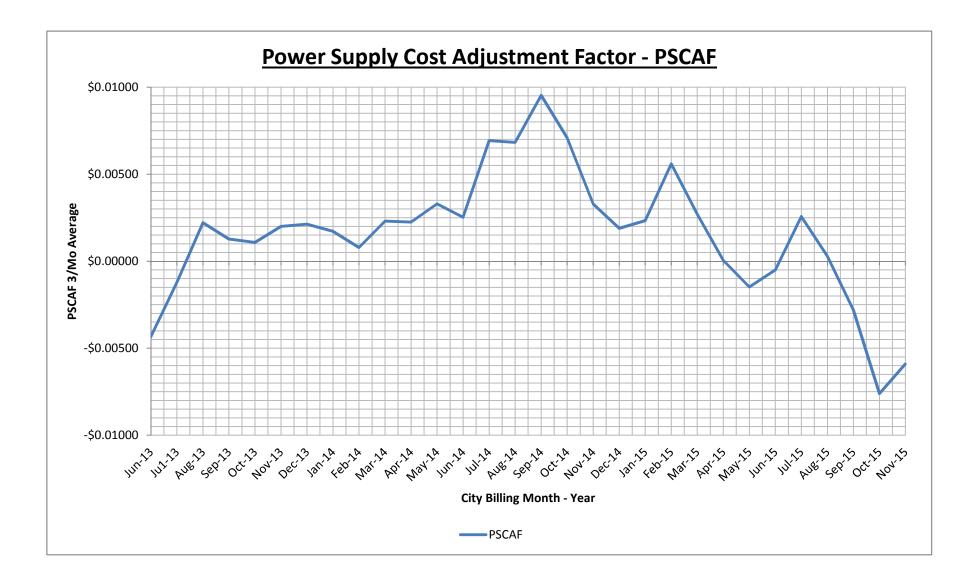


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ACCOUNT NUMBER: 12-6239-05 AMERICAN MUNICIPAL POWER, INC. RATE STABILIZATION FUND FOR THE CITY OF NAPOLEONOHIO STABILIZATION FUND

This statement is for the period from September 1, 2015 to September 30, 2015

	TR	ANSACTION DETAIL		
Date Posted	Description	Income Cash	Principal Cash	Tax Cost
	Beginning Balance 09/01/2015	\$395.75	- \$395.75	\$1,360,395.75
09/01/15	Interest Earned On First Amer Govt Oblig Fund CI A Interest From 8/1/15 To 8/31/15 31846V849	7.11		
09/02/15	Purchased 7.11 Units Of First Amer Govt Oblig Fund CI A Trade Date 9/2/15 31846V849		- 7.11	7.11
09/18/15	Cash Disbursement Paid To American Municipal Power Wire Transfer Cmk56379 Per Req #3 Dtd 9/15/15 Wire To American Municipal Power Req Reimb Pymt For Var Exp Napoleon		- 70,000.00	
09/18/15	Sold 70,000 Units Of First Amer Govt Oblig Fund CI A Trade Date 9/18/15 31846V849		70,000.00	- 70,000.00
	Ending Balance 09/30/2015	\$402.86	- \$402.86	\$1,290,402.86



Service Usage Usage Units Usage Units Usage Units Usage Units Usage Units 2015 Rate 2014 Rate Usage Units 2015 Rate 2014 Rate Usage Units 2015 Rate 2014 Rate Usage Units 2015 Rate 2014 Rate Usage Units 2015 Rate 2015 Rate 2014 Rate Usage Units 2015 Rate 2015 Rate 2014 Rate Usage Units 2015 Rate 2015 Rate 2014 Rate Usage Units 2015 Rate 2015 Rate 2014 Rate Usage Units 2015 Rate 2015 Rate 2014 Rate Usage Units 2015 Rate 20	2015 NOVEMBER - ELECTRIC	PSCAF -	BILLING	REQIMENATION	AFANSONS PE	IOEHRERIGDIG	onth	and Pric	or Year			
Service Usage Units Usage Units Un	Rate Comparisons to Prior Month a	nd Prior Ye	ear for San	ne Period								
Customer Type Usage Units 2015 Rate 2015 Rate 2014 Rate Usage Units 2015 Rate 2014 Rate Customer Type \$6.00				Current	Prior Month	Prior Year				Current	Prior Month	Prior Year
RESIDENTIAL USER - (w/Gas Heat) RESIDENTIAL USER - (M/Gas Heat) RESIDENTIAL USER - (M/ Electric)		Service	Service	November	October	November	9	Service	Service	November	October	November
Secondary Seco	Customer Type	<u>Usage</u>	<u>Units</u>	2015 Rate	2015 Rate	2014 Rate		<u>Usage</u>	<u>Units</u>	2015 Rate	2015 Rate	2014 Rate
Secondary Seco												
Distribution Energy Charge	Customer Type ->		RESID	ENTIAL USE	R - (w/Gas He	eat)			RESID	ENTIAL USE	R - (All Electi	ric)
Distribution Demand Charge 978 kWh \$71.20 \$63.19 \$71.20 \$63.19 \$71.20 \$71.2	Customer Charge			\$6.00	\$6.00	\$6.00				\$6.00	\$6.00	\$6.00
Power Supply Denard Charge 978 kWh \$71.20 \$71.20 \$63.19 1,976 kWh \$143.85 \$143.85 \$127. Power Supply Denard Charge PSCAF - Monthly Factor 978 kWh \$5.76 \$7.44 \$0.00 1,976 kWh \$11.68 \$15.04 \$0.00 \$1.976 kWh \$1.168 \$15.04 \$0.00 \$1.976 kWh \$9.19 \$9.10	Distribution Energy Charge			\$20.93	\$20.93	\$16.53				\$33.39	\$33.39	\$33.39
Power Supply Demand Charge	Distribution Demand Charge											
PSCAF - Monthly Factor	Power Supply Energy Charge	978	kWh	\$71.20	\$71.20	\$63.19		1,976	kWh	\$143.85	\$143.85	\$127.67
KWH Tax- Level 1 978 KWh \$4.55	Power Supply Demand Charge											
kWH Tax Level 2 KWH Tax Level 3 S96.90 \$95.24 \$90.27 \$180.75 \$177.99 \$176. Water 6 CCF \$41.37 \$41.37 \$39.57 11 CCF \$66.37 \$63.7 \$63.7 \$63.7 \$66.37 \$67.07	PSCAF - Monthly Factor	978	kWh	-\$5.78	-\$7.44	\$0.00		1,976	kWh	-\$11.68	-\$15.04	\$0.00
Total Electric \$96.90 \$95.24 \$90.27 \$180.75 \$177.39 \$175.5	kWH Tax- Level 1	978	kWh	\$4.55	\$4.55	\$4.55		1,976	kWh	\$9.19	\$9.19	\$9.19
Total Electric \$96.90 \$95.24 \$90.27 \$180.75 \$177.39 \$176. Water 6 CCF \$41.37 \$41.37 \$39.57 11 CCF \$66.37 \$66.37 \$63.37 \$53.50 \$95.00 \$	kWH Tax- Level 2											
Water	kWH Tax- Level 3						Ī					
Water 6 CCF \$41.37 \$41.37 \$39.57 11 CCF \$66.37 \$63.7 \$63.7 \$66.37 \$63.7 \$66.37 \$67.57 \$67.57 \$67.57 \$67.57 \$6			-				Ī					
Sewer (w/Stm.Sew. & Lat.) 6 CCF \$64.63 \$64.63 \$54.58 \$11 CCF \$90.08 \$90.08 \$76. \$100 \$9.50 \$	Total Electric			\$96.90	\$95.24	\$90.27				\$180.75	\$177.39	<i>\$176.25</i>
Sewer (w/Stm.Sew. & Lat.) 6 CCF \$64.63 \$64.63 \$54.58 11 CCF \$90.08 \$90.08 \$76. \$150 \$9.50 \$9												
Sewer (w/Stm.Sew. & Lat.) 6 CCF \$64.63 \$64.63 \$54.58 11 CCF \$90.08 \$90.08 \$76. \$150 \$9.50 \$9	Water	6	CCF	\$41.37	\$41.37	\$39.57		11	CCF	\$66.37	\$66.37	\$63.07
Storm Water (Rate/ERU)	Sewer (w/Stm.Sew. & Lat.)	6	CCF					11	CCF			\$76.78
Refuse (Rate/Service)												\$9.50
Sub-Other Services	, ,											\$18.00
State Stat	,		_		· 							
Second Second	Sub-Other Services			\$133.50	\$133.50	\$121.65				\$183.95	\$183.95	\$167.35
\$230.40 \$228.74 \$211.92 \$364.70 \$361.34 \$343			-						_	, , , , , ,		·
\$230.40 \$228.74 \$211.92 \$364.70 \$361.34 \$343	Total Billing - All Services			\$230.40	\$228.74	\$211.92				\$364.70	\$361.34	\$343.60
Dollar Chg.to Prior Periods \$1.66 \$18.48 \$3.36 \$21. % Inc/Dec(-) to Prior Periods 0.73% 8.72% 0.93% 6.14				·	·					·	·	\$343.60
Solution Solution					Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr					Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr
Solution Solution	Dollar Chg.to Prior Periods											\$21.10
Cost/kWH - Electric 978 kWh \$0.09908 \$0.09738 \$0.09230 1,976 kWh \$0.09147 \$0.08977 \$0.08977 % Inc/Dec(-) to Prior Periods 1.75% 7.35% 1.89% 2.54 Cost/CCF - Water 6 CCF \$6.89500 \$6.89500 \$6.59500 2 CCF \$33.18500 \$33.18500 \$31.535 Cost/GALLONS - Water 4,488 GAL \$0.00922 \$0.00922 \$0.00882 1,496 GAL \$0.04436					0.73%	8.72%					0.93%	6.14%
Cost/kWH - Electric 978 kWh \$0.09908 \$0.09738 \$0.09230 1,976 kWh \$0.09147 \$0.08977 \$0.08977 % Inc/Dec(-) to Prior Periods 1.75% 7.35% 1.89% 2.54 Cost/CCF - Water 6 CCF \$6.89500 \$6.89500 \$6.59500 2 CCF \$33.18500 \$33.18500 \$31.535 Cost/GALLONS - Water 4,488 GAL \$0.00922 \$0.00922 \$0.00882 1,496 GAL \$0.04436												
% Inc/Dec(-) to Prior Periods 1.75% 7.35% 1.89% 2.54 Cost/CCF - Water 6 CCF \$6.89500 \$6.89500 \$6.59500 2 CCF \$33.18500 \$33.18500 \$31.535 Cost/GALLONS - Water 4,488 GAL \$0.00922 \$0.00922 \$0.00882 1,496 GAL \$0.04436 \$0.04436 \$0.042 % Inc/Dec(-) to Prior Periods 0.00% 4.55% 0.00% 5.23 Cost/CCF - Sewer 6 CCF \$10.77167 \$10.77167 \$9.09667 2 CCF \$45.04000 \$38.390 Cost/GALLON - Sewer 4,488 GAL \$0.01440 \$0.01216 1,496 GAL \$0.06021 \$0.06021 \$0.051 % Inc/Dec(-) to Prior Periods 0.00% 18.41% 0.00% 17.32	=========	=====	=====	======	=======	=======	:==	====	=====		=======	=======
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Cost/CCF - Water 6 CCF \$6.89500 \$6.89500 \$6.59500 2 CCF \$33.18500 \$33.18500 \$31.535 Cost/GALLONS - Water 4,488 GAL \$0.00922 \$0.00922 \$0.00882 1,496 GAL \$0.04436 \$0.04436 \$0.04436 \$0.042 % Inc/Dec(-) to Prior Periods 0.00% 4.55% 0.00% 5.23 Cost/CCF - Sewer 6 CCF \$10.77167 \$10.77167 \$9.09667 2 CCF \$45.04000 \$38.390 Cost/GALLON - Sewer 4,488 GAL \$0.01440 \$0.01440 \$0.01216 1,496 GAL \$0.06021 \$0.051 % Inc/Dec(-) to Prior Periods 0.00% 18.41% 0.00% 17.32 (Listed Accounts Assume SAME USAGE for kWH and Water (CCF) for All Billing Periods) 18.41% 0.00% 17.32	% Inc/Dec(-) to Prior Periods						Ī	-			'	2.54%
Cost/GALLONS - Water 4,488 GAL \$0.00922 \$0.00922 \$0.00882 1,496 GAL \$0.04436 \$0.04436 \$0.042 % Inc/Dec(-) to Prior Periods 0.00% 4.55% 0.00% 5.23 Cost/CCF - Sewer 6 CCF \$10.77167 \$10.77167 \$9.09667 2 CCF \$45.04000 \$45.04000 \$38.390 Cost/GALLON - Sewer 4,488 GAL \$0.01440 \$0.01216 1,496 GAL \$0.06021 \$0.051 % Inc/Dec(-) to Prior Periods 0.00% 18.41% 0.00% 17.32	· · ·											
Cost/GALLONS - Water 4,488 GAL \$0.00922 \$0.00922 \$0.00882 1,496 GAL \$0.04436 \$0.04436 \$0.042 % Inc/Dec(-) to Prior Periods 0.00% 4.55% 0.00% 5.23 Cost/CCF - Sewer 6 CCF \$10.77167 \$10.77167 \$9.09667 2 CCF \$45.04000 \$45.04000 \$38.390 Cost/GALLON - Sewer 4,488 GAL \$0.01440 \$0.01440 \$0.01216 1,496 GAL \$0.06021 \$0.051 % Inc/Dec(-) to Prior Periods 0.00% 18.41% 0.00% 17.32	Cost/CCF - Water	6	CCF	\$6.89500	\$6.89500	\$6.59500		2	CCF	\$33.18500	\$33.18500	\$31.53500
% Inc/Dec(-) to Prior Periods 0.00% 4.55% 0.00% 5.23 Cost/CCF - Sewer 6 CCF \$10.77167 \$10.77167 \$9.09667 2 CCF \$45.04000 \$38.390 Cost/GALLON - Sewer 4,488 GAL \$0.01440 \$0.01216 1,496 GAL \$0.06021 \$0.06021 \$0.051 % Inc/Dec(-) to Prior Periods 0.00% 18.41% 0.00% 17.32 (Listed Accounts Assume SAME USAGE for kWH and Water (CCF) for All Billing Periods) 0.00% 18.41% 0.00% 0.00%	Cost/GALLONS - Water	4,488	GAL					1,496	GAL		·	\$0.04216
Cost/CCF - Sewer 6 CCF \$10.77167 \$10.77167 \$9.09667 2 CCF \$45.04000 \$38.390 Cost/GALLON - Sewer 4,488 GAL \$0.01440 \$0.01216 1,496 GAL \$0.06021 \$0.06021 \$0.051 % Inc/Dec(-) to Prior Periods 0.00% 18.41% 0.00% 17.32 (Listed Accounts Assume SAME USAGE for kWH and Water (CCF) for All Billing Periods) 10.00% 10.00% 10.00%					0.00%			-			, and the second	5.23%
Cost/GALLON - Sewer 4,488 GAL \$0.01440 \$0.01440 \$0.01216 1,496 GAL \$0.06021 \$0.06021 \$0.051 % Inc/Dec(-) to Prior Periods 0.00% 18.41% 0.00% 17.32 (Listed Accounts Assume SAME USAGE for kWH and Water (CCF) for All Billing Periods) 0.00% 0.00% 0.00%	, ,											
Cost/GALLON - Sewer 4,488 GAL \$0.01440 \$0.01440 \$0.01216 1,496 GAL \$0.06021 \$0.06021 \$0.051 % Inc/Dec(-) to Prior Periods 0.00% 18.41% 0.00% 17.32 (Listed Accounts Assume SAME USAGE for kWH and Water (CCF) for All Billing Periods) 0.00% 0.00% 0.00%	Cost/CCF - Sewer	6	CCF	\$10.77167	\$10.77167	\$9.09667		2	CCF	\$45.04000	\$45.04000	\$38.39000
% Inc/Dec(-) to Prior Periods 0.00% 18.41% 0.00% 17.32 (Listed Accounts Assume SAME USAGE for kWH and Water (CCF) for All Billing Periods)												\$0.05132
(Listed Accounts Assume SAME USAGE for kWH and Water (CCF) for All Billing Periods)	% Inc/Dec(-) to Prior Periods	,		•				-			· · · · · · · · · · · · · · · · · · ·	17.32%
	, ,											-
	(Listed Accounts Assume SAME USA	GE for kWl	H and Wate	r (CCF) for All I	Billing Periods)							
(One "1" Unit CCF of Water = "Hundred Cubic Foot" = 748 Gallons)					<u> </u>							

2015 NOVEMBER - ELECTRIC		RATE	REVIEW COM	PARISONS - Cur	rent to Prior M	on	th and Pric	or Year			
Rate Comparisons to Prior Month a	1										
			Current	Prior Month	Prior Year				Current	Prior Month	Prior Year
	Service	Service	November	October	November		Service	Service	November	October	November
Customer Type	<u>Usage</u>	<u>Units</u>	2015 Rate	2015 Rate	2014 Rate		<u>Usage</u>	<u>Units</u>	2015 Rate	2015 Rate	2014 Rate
<u>Customer Type -></u>	CC	OMMERC	IAL USER - (3 Phase w/De	mand)		<u>//</u>	IDUSTRI.	AL USER - (3 Phase w/De	mand)
Customer Charge			\$18.00	\$18.00	\$18.00				\$100.00	\$100.00	\$100.00
Distribution Energy Charge	7,040	kWh	\$38.02	\$38.02	\$0.00		98,748	Reactive	\$2,303.85	\$2,303.85	\$0.00
Distribution Demand Charge	20.32	kW/Dmd	\$92.86	\$92.86	\$92.86		1510.1	kW/Dmd	\$8,215.30	\$8,215.30	\$7,279.05
Power Supply Energy Charge	7,040	kWh	\$623.04	\$623.04	\$558.84		866,108	kWh	\$39,165.42	\$39,165.42	\$0.00
Power Supply Demand Charge									\$15,296.55	\$15,296.55	\$15,243.80
PSCAF - Monthly Factor	7,040	kWh	-\$41.61	-\$53.57	\$0.00				-\$4,862.77	-\$6,261.53	\$31,389.93
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						П			\$3,087.71	\$3,087.71	\$3,087.71
		-						-			
Total Electric			<i>\$760.77</i>	\$748.81	\$700.16				\$63,371.96	\$61,973.20	\$57,166.39
Water	25	CCF	\$133.57	\$133.57	\$126.07		300	CCF	\$1,510.51	\$1,510.51	\$1,420.51
Sewer (w/Stm.Sew. & Lat.)	25	CCF	\$162.74	\$162.74	\$138.94		300	CCF	\$1,562.49	\$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		_	\$310.81	\$310.81	\$279.51				\$3,408.00	\$3,408.00	\$3,115.45
Total Billing - All Services			\$1,071.58	\$1,059.62	\$979.67				\$66,779.96	\$65,381.20	\$60,281.84
Verification Totals->			\$1,071.58	\$1,059.62	\$979.67	П			\$66,779.96	\$65,381.20	\$60,281.84
				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				\$11.96	\$91.91					\$1,398.76	\$6,498.12
% Inc/Dec(-) to Prior Periods				1.13%	9.38%					2.14%	10.78%
=========	=====	=====	======	=======	======		====:	=====	======	=======	======
Cost/kWH - Electric	7,040	kWh	\$0.10806	\$0.10637	\$0.09945	Н	866,108	kWh	\$0.07317	\$0.07155	\$0.06600
% Inc/Dec(-) to Prior Periods	, , , ,		,	1.59%	8.66%		, - 3			2.26%	10.86%
Cost/CCF - Water	6	CCF	\$22.26167	\$22.26167	\$21.01167	Н	250	CCF	\$6.04204	\$6.04204	\$5.68204
Cost/GALLONS - Water	4,488	GAL	\$0.02976	\$0.02976	\$0.02809	П	187,013	GAL	\$0.00808	\$0.00808	\$0.00760
% Inc/Dec(-) to Prior Periods	,		,	0.00%	5.95%	-	,- ,-			0.00%	6.34%
Cost/CCF - Sewer	6	CCF	\$27.12333	\$27.12333	\$23.15667	H	250	CCF	\$6.24996	\$6.24996	\$5.43976
Cost/GALLON - Sewer	4,488	GAL	\$0.03626	\$0.03626	\$0.03096	П	187,013	GAL	\$0.00835	\$0.00835	\$0.00727
% Inc/Dec(-) to Prior Periods	,		Ţ	0.00%	17.13%		- ,		*	0.00%	14.89%
(Listed Accounts Assume SAME USA)	<u> </u>										
(One "1" Unit CCF of Water = "Hundre											

Electric Department Report October 2015

There were 12 callouts/outages during the month of October. 5 outages were due to animals shorting out primary lines. 1 outage was caused by high winds blowing corn leaves on top of the pole mounted transformer shorting out the primary line. 1 outage was caused by a primary elbow failing in a pad mount transformer. 1 outage was caused by high winds snapping off a large limb hitting and breaking a primary wire. 1 outage was due to high winds causing primary to short. 1 callout was to allow entry to Northside Substation for First Energy serviceman. 1 callout entailed checking pole snapped due to vehicle accident that was identified to be a phone company pole. 1 callout was to turn on a customer's electric service.

Line Department/Service Truck: Line crews straightened poles and raised secondary services on Martha Lane and installed a new URD service at Rd. 18 and T. Crews helped trim trees on St. Rt. 110. Crews repaired bad Street light secondary on Briarheath. Crews performed Shut-offs for billing. Crews installed and removed temporary poles for Pumpkin Festival behind Central School. Crews trimmed trees at Harmony Acres. Crews installed new URD on Rd. 12 south of Rd. O. Crews replaced 3 poles on rd. M west of Rd. 12. Crews worked on URD on Rd. 16. Crews performed a switch upgrade on Independence behind Defiance Stamping. Linemen upgraded electric services at Ritter Park for Christmas lighting. Crews upgraded poles serving Huddle Farms on Rd. N between Rd. 11 and Rd. 12. Crews rewired, painted and upgraded St. Light poles for Clinton Street Light Project and also sawed the holes in concrete for 3 of them. Crews trimmed trees on W. Riverview and Huddle Road Mobile Home Park.

Substation Department: Todd and Nikk performed monthly checks and maintenance at all substations. They also worked on reports, programming reclosers and SCADA software. They also worked on new lighting foundations and conduit at Industrial Substation.

Forestry Department: Jamie and Jerry trimmed trees on St. Rt. 110, Sheffield, North Harmony, Martha and Orchard Lane, West Washington, Harmony Acres, Fairgrounds, Westmont, Fairview, Euclid, Derome Dr. Jerry also helped crews on days Jamie was on vacation.

Storeroom/Inventory/Meter-Reading Department: Shawn read meters, ordered and cleaned inventory, helped crews as needed and mowed grass.

The Peak Load for October 2015 was 22.25 MW occurring on the 29th at 7:30 PM. This was a decrease of .99 MW from October 2014. The average load for October 2015 was 17.59 MW. This was an increase of .52 MW from October 2014. JV 2 and JV 5 ran on 10/20/15 for testing. The gas turbines did not run in October. The Solar Field was online the entire month and produced 389,815.50 KWH. The peak output was 3.55 MW.

City of Napoleon, Ohio



SUMMARY OCTOBER 2015 OUTAGE/STANDBY CALL-OUTS

October 4, 2015:

Electric personnel were dispatched at 8:30 a.m. to 1425 Oakdale Dr. due to a power outage. The outage lasted one hour and affected twenty eight customers. The outage was due to an animal that got into the electric wires and blew a fuse. The personnel replaced the fuse.

October 5, 2015:

Electric personnel were dispatched at 4:47 a.m. to 11649 County Road P due to a power outage. The outage lasted one hour and affected one customer. The outage was due to farm debris (corn stalk) that got into the electric wires and blew a fuse. The personnel removed the debris and replaced the fuse.

October 10, 2015:

Electric personnel were dispatched at 1:45 p.m. to Joliette Dr. due to a power outage. The outage lasted one hour and affected eleven customers. The outage was due to an animal that got into the electric wires and blew a fuse. The personnel replaced the fuse.

October 12, 2015:

Electric personnel were dispatched at 9:40 p.m. to 9634 State Route 110 due to a power outage. The outage lasted one hour and affected one customer. The outage was due to an animal that got into the electric wires and blew a fuse. The personnel replaced the fuse.

October 13, 2015:

Electric personnel were dispatched at 1:10 a.m. to 14336 County Road A due to a power outage. The outage lasted one hour and affected one customer. The outage was due to an animal that got into the electric wires and blew a fuse. The personnel replaced the fuse.

October 13, 2015:

One employee was dispatched by City Hall at 3:40 p.m. to 1039 Dodd St. to turn on electric.

October 18, 2015:

Electric personnel were dispatched at 12:30 a.m. to Clinton St. and Haley Ave. due to a car that hit a pole. The pole was a telephone pole and the personnel informed the police department to call the telephone company.

October 19, 2015:

Electric personnel were dispatched at 4:13 p.m. to N575 County Road 12 due to a power outage. The outage lasted one hour and affected one customer. The outage was due to the wind that blew a fuse. The personnel replaced the fuse.

October 24, 2015:

Electric personnel were dispatched at 1:30 a.m. to the Northside substation due to a transformer elbow that went bad due to wind and rain. The personnel replaced the transformer elbow and replaced the fuse.

October 25, 2015:

Electric personnel were dispatched at 12:48 p.m. to the Fillmore St. water tower due to a power outage. The outage lasted one hour and affected one customer. The outage was due to an animal that got into the electric wires and blew a fuse. The personnel replaced the fuse.

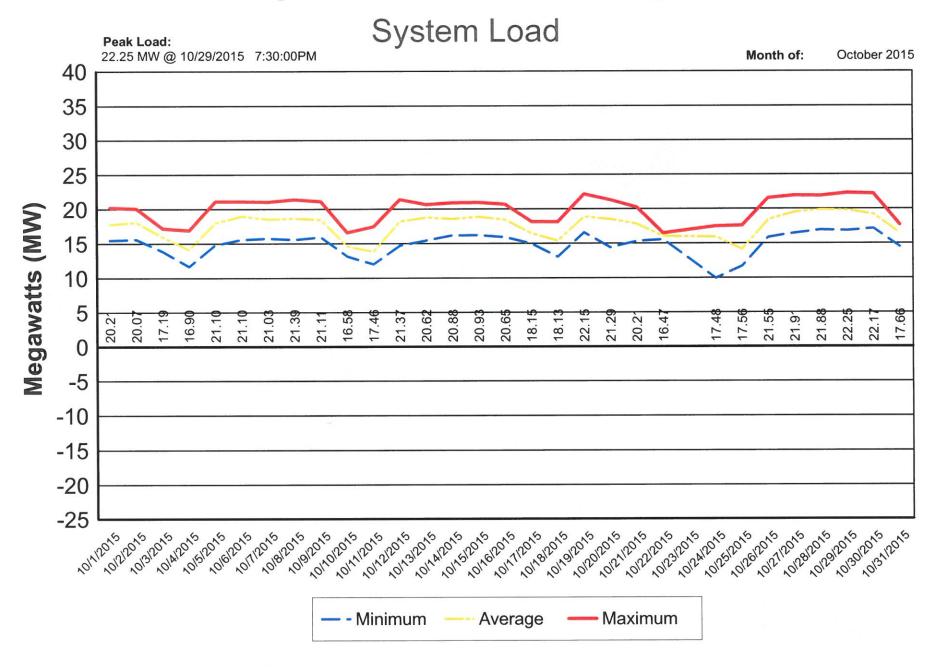
October 28, 2015:

One employee was dispatched at 8:00 p.m. to the Northside substation to let Toledo Edison into to the substation to reset the controller and put it into remote.

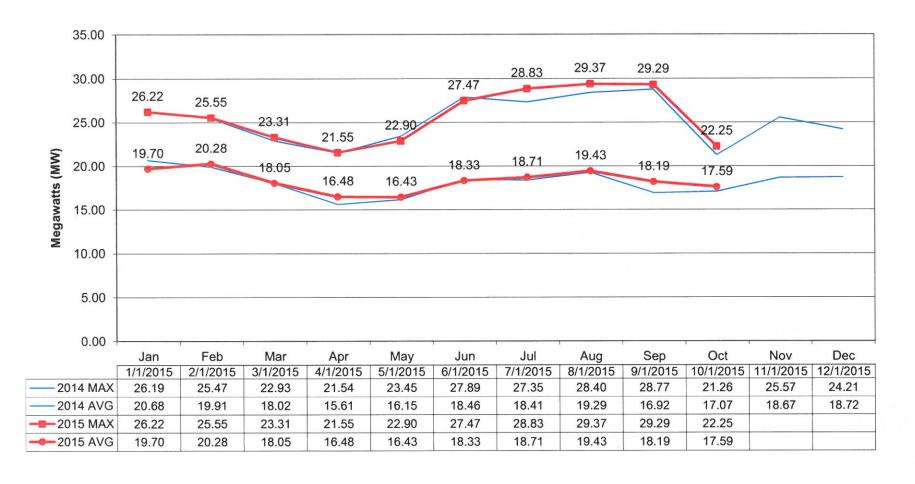
October 29, 2015:

Electric personnel were dispatched at 2 a.m. to 11618 County Road O due to power outage. The outage lasted one hour and affected ten customers. The outage was due to a tree limb that fell on the electric lines and blew a fuse. The personnel pulled the electric lines back up and replaced the fuse.

Napoleon Power & Light



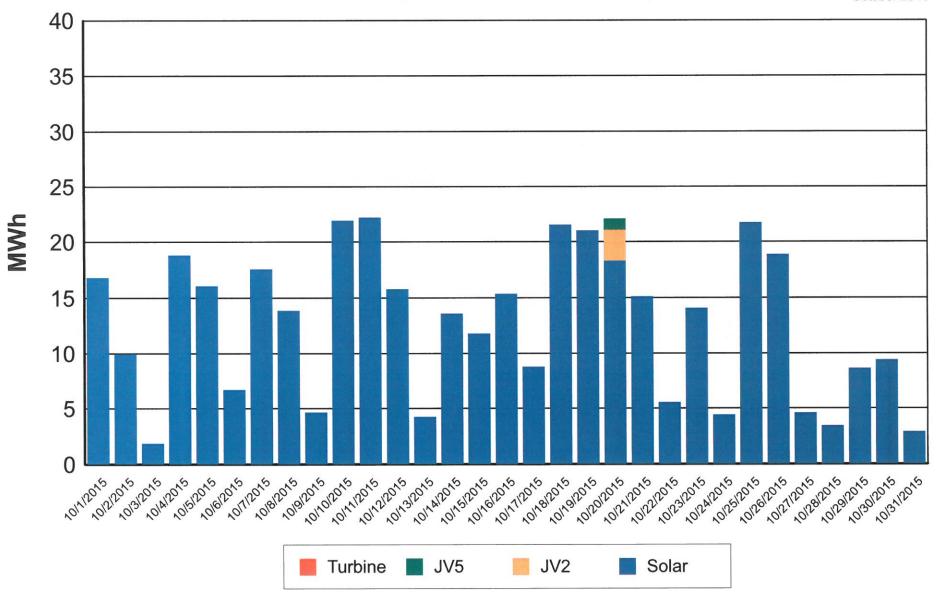
NAPOLEON POWER & LIGHT



Napoleon Power & Light

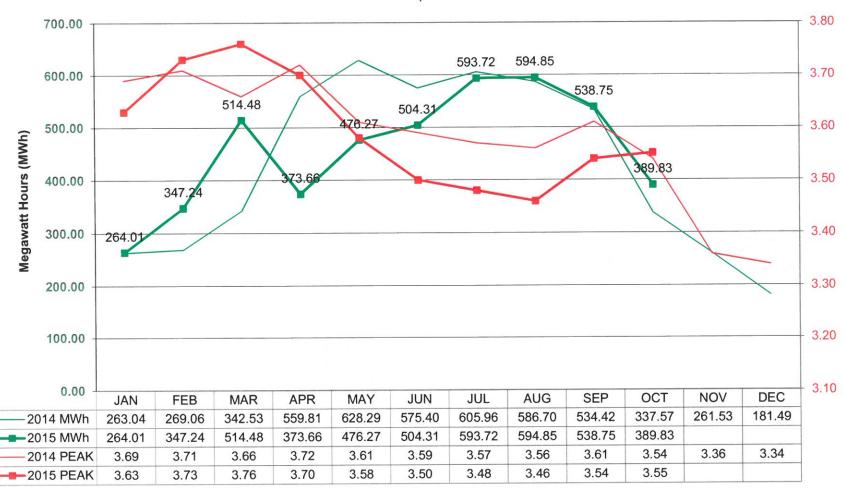
Daily Generation Output

October 2015

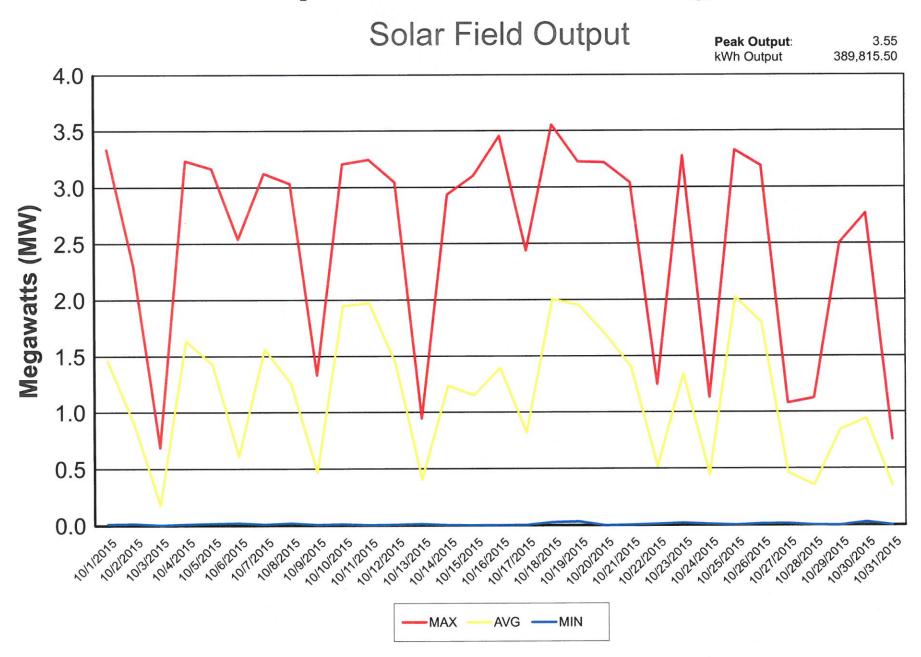


NAPOLEON POWER & LIGHT

Solar Field Output Trend



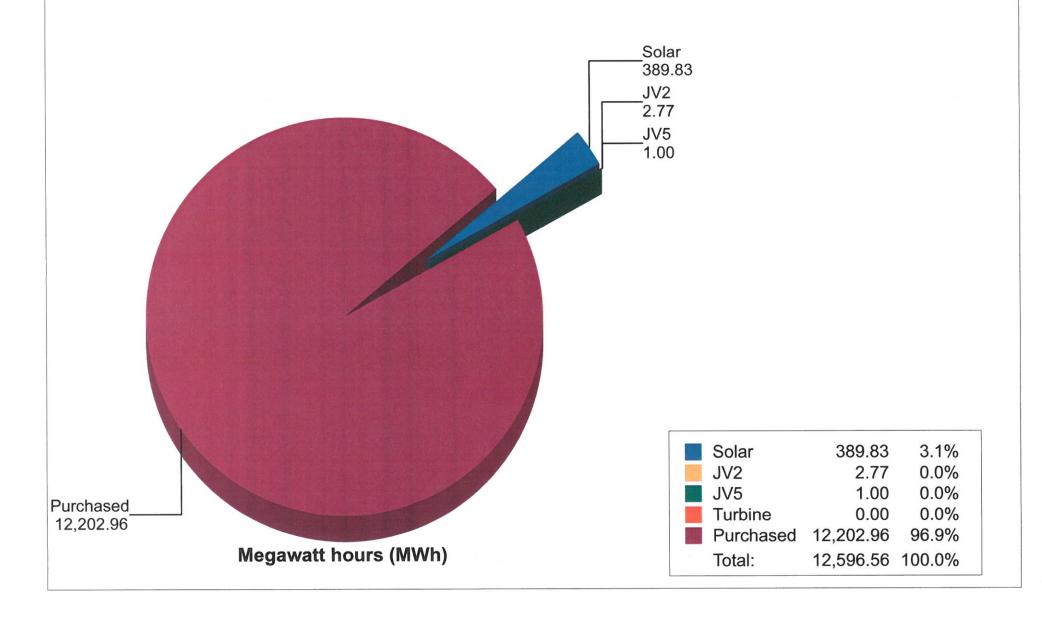
Napoleon Power & Light



Napoleon Power & Light

Power Portfolio

October 2015



City of Napoleon, Ohio Board of Public Affairs (BOPA)

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

Meeting Agenda

Monday, November 9, 2015 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 November: PSCAF three (3) month averaged factor: -\$0.00591

JV2: \$0.035819 JV5: \$0.035819

- III. Electric Department Report
- IV. Discussion regarding Rate Levelization Program (Tabled)
- V. Any other matters to come before the Board
- VI. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

Board of Public Affairs

Meeting Minutes

Monday, October 12, 2015 at 6:30pm

PRESENT

Members Keith Engler - Chair, Mike DeWit, Dr. David Cordes

Travis Sheaffer - Chair, John Helberg (arrived at 6:32pm), Jason Maassel **Electric Committee**

City Staff Monica S. Irelan, City Manager

Dennis Clapp, Electric Superintendent

Gregory J. Heath, Finance Director/Clerk of Council Scott Hoover, Water Treatment Plant Superintendent

Bobby Stites, Assistant MIS Director

Tammy Fein Recorder

News Media; Jeff Comadoll (arrived at 6:30pm) **Others**

> **ABSENT** Lisa L. Nagel, Law Director; Ronald A. Behm, Mayor

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

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

The September 14 meeting minutes stand approved as presented with no **Approval Of Minutes**

objections or corrections.

Review Of Power Supply Cost

Adjustment Factor

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

BOPA Motion To

Recommend Approval Of **Power Supply Cost**

Adjustment Factor

Passed

Yea-3

Motion: DeWit Second: Cordes

To recommend approval of Power Supply Cost Adjustment Factor for

October 2015 as follows:

Three (3) month averaged factor: - \$0.00761

JV2: \$0.040095

JV5: \$0.040095

Roll call vote on above motion:

Yea- Cordes, DeWit, Engler

Nay-

Nay- 0

Motion To Accept BOPA Recommendation For

Approval Of Power Supply Cost Adjustment Factor

Motion: Maassel Second: Sheaffer

To accept the BOPA recommendation for approval of Power Supply

Cost Adjustment Factor for October 2015 as follows:

Three (3) month averaged factor: - \$0.00761

JV2: \$0.040095

\$0.040095 JV5:

Passed Roll call vote on above motion:

Yea- Maassel, Sheaffer Yea-2

Nay-Nay- 0

Helberg Arrived Electric Committee member Helberg arrived at 6:32pm.

BOPA/Electric 10/12/15 page **1** of **3**

Electric Department Report

Clapp gave the Electric Department Report.

Clapp explained that the solar megawatt hours are down; however he believes the average should be looked at, adding that the chart includes only the solar and the turbines, not the complete power portfolio for the City. Sheaffer stated that AMP gave the invitation for the City to tour the hydro plants before they are in use in November; Engler stated that he had previously toured the plant before it was purchased by AMP. Irelan will research a tour date with AMP. Helberg asked if the turbines were run in September; Clapp stated that they ran for four (4) days in September.

Clapp reported that all the supports and underground conduits are installed for the traffic lights at Maumee and Appian Avenues.

Cordes asked if Irelan could contact AMP regarding cleaning the solar panels; Helberg added that weed control should be suggested as well; Irelan will contact AMP regarding these issues.

Review Of Rate Levelization **Program**

Irelan reported that she and Engler recently met with AMP; Mike McGloor, AMP representative, will do a presentation at the November meeting regarding the rate levelization program and the City power portfolio. DeWit asked for the rate levelization to be shut off until the presentation; Irelan stated that this has already been handled, and this will be discussed at the presentation. DeWit would like to pay the actual cost for the kilowatt hours rather than attempting to forecast the impact. Irelan stated that the projects are coming online and the power must be paid for; the levelization will be used to try to smooth the transition. DeWit asked how the river levelization would be handled, either billed by the average or only when the power is being made; Irelan reported that Melville and GreenUp are hydros that have been running for several vears and the data from these will be used to extrapolate data for the billing of the other projects. Irelan added that the Army Corp of Engineers controls the flow of the river and historic data will be used to forecast those future costs; Heath added that this is currently being done with the JV5 Bellville project. Engler stated that AMP consists of three percent (3%) wind and solar power, sixteen percent (16%) hydro power, and sixteen percent (16%) power from Fremont, with the rest being purchased power and coal in Prarie State. Irelan stated that power plants are not created to run at one hundred percent (100%) efficiency; Engler added that there are mandated shutdown dates as well. DeWit stated these are rated as interruptable power sources causing more cost to be associated with them.

BOPA Motion To Table Rate Levelization Review

Passed Yea- 3 Nay- 0 Motion: DeWit Second: Cordes
To table Rate Levelization Review

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

Electric Motion To Accept BOPA Recommendation To Table Rate Levelization Review	Motion: Maassel Second: Helberg To accept the BOPA recommendation to table Rate Levelization Review
Passed Yea- 3 Nay- 0	Roll call vote on above motion: Yea- Maassel, Helberg, Sheaffer Nay-
	Irelan distributed information regarding the previous AMP meeting regarding general information and listing the Committees that Irelan participates in; Engler added that AMP suggested that the City must communicate their status as a not for profit public utility company.
Motion To Recommend Council Add Information On Certain Billboards Regarding The City Being A Public Not For Profit Utility Company	Motion: DeWit Second: Engler To recommend that Council add information on certain billboards regarding the City being a public not for profit utility company
Passed Yea- 2 Nay- 1	Roll call vote on above motion: Yea- DeWit, Engler Nay- Cordes
BOPA Motion To Adjourn	Sheaffer noted that the City kept their AMP Board seat. Motion: DeWit Second: Cordes To adjourn the BOPA meeting at 7:00pm
Passed Yea- 3 Nay- 0	Roll call vote on above motion: Yea- Cordes, DeWit, Engler Nay-
Electric Motion To Adjourn	Motion: Helberg Second: Maassel To adjourn the Electric Committee meeting at 7:00pm
Passed Yea- 3 Nay- 0	Roll call vote on above motion: Yea- Maassel, Helberg, Sheaffer Nay-
Date	Keith Engler, Chair

Water, Sewer, Refuse, Recycling & Litter Committee

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

Meeting Agenda

Monday, November 9, 2015 at 7:00pm

- I. Approval of Minutes (In the absence of any objections or corrections, the Minutes shall stand approved)
- II. Review of unlimited pick-up procedures
- III. Any other matters currently assigned to the Committee
- IV. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

Water, Sewer, Refuse, Recycling & Litter Committee

Meeting Minutes

Monday, October 12, 2015 at 7:00pm

PRESENT

Water & Sewer Committee

City Staff

Recorder

Others

Monica Irelan, City Manager

Roxanne Dietrich, Administrative Assistant

Gregory Heath, Finance Director/Clerk of Council

Chris Ridley - Chair, John Helberg, Jeff Comadoll

Lisa Nagel, Law Director

Tammy Fein News Media

WSRRL Call To Order

Chairperson Ridley called the meeting to order at 7:05pm.

Approval Of Minutes

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

Review Of Potential Upgrades To The MIEX Building

Irelan demonstrated pictures of some murals from other water treatment plants in Cleveland, Ohio; Greenville, Massachusetts; Augusta Maine; Salina, Kansas; and Waterloo, NY. Irelan reported that masonry is also an option for a potential upgrade; it can be added but must be cantilevered off the building and engineering must take place to ensure that the building is level. Irelan reported that the existing panels could be cut and upgraded with waynescoating, adding that the foundation must be considered along with the frame of the building for this option.

Helberg believes that a painting must be maintained and may add additional costs, suggesting using the same type of planters that are currently around the area to mask the building and avoid the maintenance expense. Irelan believes that no money should be spent to beautify the MIEX building; Comadoll believes that there are deer in the area that could strip the plants. Irelan stated there will be a fence for security; Hoover added that the fence will fit the area, and the City is working with the Engineering firm to try to make everything fit the area including discussing the brick colors to be used. Ridley stated that he has talked with residents and he believes that residents are more concerned about rates than the look of the building. Ridley suggested using the low cost ideas such as landscaping; Helberg agreed, adding that residents that live right across from this building have expressed concern regarding the look of the building. Helberg suggested waiting to see what fence is used, adding that he would not approve a chain link fence. Irelan stated that this must be treated a public facility and a fence is required. Hoover stated that residents have expressed a feeling of safety associated with the building due to the lighting, as well as having employees in and out during the night hours. Comadoll approves of the landscaping option.

Motion To Wait To Incorporate Potential Upgrades With The

Helberg Second: Comadoll To wait to incorporate potential upgrades with the installed fencing

Installed Fencing

Passed Yea- 3 Nay- 0 Roll call vote on above motion: Yea- Ridley, Helberg, Comadoll Nay-

Irelan reminded the Committee that there is a special joint meeting with Council next Tuesday, October 20 at 4:00pm.

Ridley asked if Irelan had heard from satellites since the October 15 deadline is approaching; Irelan reported that she began negotiations with Florida, and Florida is requesting an extension to the deadline while they are negotiating. Ridley stated that he is not in favor of an indefinite extension. Heath stated that the First Read of Legislation regarding the rolling of the current bond must occur in December to fulfill the three (3) read thirty (30) day rule, asking Irelan when the full funding for the project would be needed; Irelan replied that the project will go out to bid in July. Helberg asked Heath when he would need the answer from Florida if they will be a part of the project; Heath believes that the answer from Florida would be needed when it is time to finalize the official statement which must include full disclosure. Helberg asked if thirty (30) days is enough time for Heath; Heath believes that when the note is rolled in March, the full \$14 million will be included. Irelan reported that she sat in on a Henry County Water Sewer District (HCWSD) meeting last Wednesday which included a straw poll regarding which satellite customers would be entering negotiations with the City; Liberty Center replied no, Florida replied yes, and Malinta replied that it would depend on the decision of their Council.

Motion To Extend To
Florida A Thirty Day
Extension On The Water
Treatment Plant Deadline,
And Give City Manager
Irelan Authority To Allow
An Extension To Any
Satellite Customer That
Begins Negotiations With
The City Before The End Of
Business On Thursday,
October 15

Motion: Helberg Second: Comadoll To extend to Florida a thirty (30) day extension on the Water Treatment Plant deadline, and give City Manager Irelan the authority to allow an extension to any satellite customer that begins negotiations with the City before the end of business on Thursday, October 15

Passed Yea- 3 Nay- 0 Roll call vote on above motion: Yea- Ridley, Helberg, Comadoll Nay-

Motion To Request Council President To Call A Special Meeting Of The Full Body Of Council To Approve The Above Motion Passed Yea- 3 Motion: Comadoll Second: Helberg
To request Council President Sheaffer to call a Special Meeting of the full
body of Council to approve the above motion

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

Nay-Nay- 0 **WSRRL Motion To Adjourn** Motion: Comadoll Second: Helberg To adjourn the meeting at 7:30pm Passed Roll call vote on above motion: Yea-3 Yea- Ridley, Helberg, Comadoll Nay- 0 Nay-Chris Ridley, Chair Date

Water, Sewer, Refuse, Recycling & Litter Committee

in Joint Session with

City Council

Meeting Minutes

Tuesday, October 20, 2015 at 4:00pm

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Water & Sewer Committee

Council

City Staff

Recorder

Others

Chris Ridley - Chair, John Helberg, Jeff Comadoll

Jason Maassel - President Pro Tem, , John Helberg, Jeffrey Marihugh,

Jeff Comadoll, Patrick McColley, Chris Ridley

Monica S. Irelan, City Manager

Gregory J. Heath, Finance Director/Clerk of Council

Lisa L. Nagel, Law Director

Scott Hoover, Water Treatment Plant Superintendent Jeff Weis, Water Treatment Plant Chief Operator

Tammy Fein

News Media; NCTV; Rob Shoaf, AECom; Mike DeWit

Absent Travis Sheaffer – Council President

Call To Order

Chairman Ridley called the Committee meeting to order at 4:00pm.

President Pro Tem Maassel called the Council meeting to order at

4:00pm.

Water Treatment Plant Update

Irelan introduced Rob Shoaf to the Committee and Council; Shoaf and his team are doing the design work for the Water Treatment Plant rehabilitation.

Shoaf distributed a presentation regarding the Water Treatment Plant rehabilitation; see attached. Shoaf reported that Irelan was adamant that all of the satellite customers receive the best quality of water at all times when researching the filtration processes available.

Shoaf explained the water treatment process, adding that the MIEX system does an adequate job but is fairly expensive to operate.

Shoaf reported that the chlorine gas will be replaced with a safer alternative, adding that the current equipment was in place for the two (2) phase process.

Shoaf reported that the reverse osmosis softening process cost is approximately \$300,000 less than lime softening and should also decrease annual costs by approximately \$125,000.

Shoaf reported that jar testing was completed for turbidity and organics reduction, adding that the aluminum chlorohydrate (ACH) did a great job as a coagulant for the process. Marihugh asked if the building would be required to be rewired for things such as contacts and conduits; Shoaf stated that ACH has a lower pH balance and no rewiring would be needed. Comadoll asked if the Waste Water Treatment Plant would need to switch to ACH as well; Irelan stated that the Waste Water Treatment

Water Treatment Plant Update (Continued)

Plant is testing a different chemical however this chemical does not work well in the Water Treatment Plant process. Maassel asked if one system is favored by the EPA over the others; Shoaf replied that the reverse osmosis process is flexible and is based on pressure and is the highest level of treatment that is possible; the reverse osmosis process removes all chemicals necessary. Shoaf reported that the filters will soften and remove the organics from the water, eliminating the need for the MIEX system. Marihugh stated that currently the lime soda is allowed to be land applied and asked if this would still be the case; Shoaf stated he has seen no problems in taking the solids from the sludge and moving it to the Waste Water Treatment Plant with no issues, while the reverse osmosis waste stream is being proposed to be put back in the river.

Shoaf reported that ACH will be added in the first stage of the process, then proceed to second stage, then to the settling basin; sixty eight percent (68%) rejection of turbidity is sufficient. Marihugh asked if granulated carbon and permanganate will be added; Shoaf stated that the ability to add this is available but these may not need to be used as often.

Shoaf reported that the membranes will eliminate the need for lime softening as well as the MIEX process, and will remove other constituents of concern from the river water; the next step is ultraviolet (UV) disinfection which is located downstream of the clear well, which provides additional disinfection and eliminates the need for a second clear well.

Shoaf demonstrated architectural drafts of the proposed Water Treatment Plan building, adding that the UV system may be built first to meet the EPA deadlines, starting in the Summer for the overall construction project.

Marihugh asked if the MIEX building must remain operational at the beginning of the project; Shoaf stated that once the membranes are operating correctly the MIEX will be taken offline with one mobilization; the Operators are aware that they may have to run for twenty four (24) hours for some time to make up for the loss of some of the processes at first.

Shoaf restated that Irelan and Staff required that the water be of the best quality for the residents and the satellite customers.

Shoaf reported that the reverse osmosis process has a higher electric cost but lower chemical cost; saving approximately \$100,000 annually.

Shoaf reported that the extra UV protection is available at less than five (5) facilities in Ohio, costing less than \$10,000 annually in power costs.

Heath asked how the plant will operate in conjunction with the current process during the construction; Shoaf replied there will be at least monthly meetings with the contractor, and only certain parts of the plant will be rehabbed at a time, such as one filter at a time, adding that the Operators are highly capable of running the plant as necessary. Heath asked if the new building will be constructed first; Shoaf stated that the

Water Treatment Plant Update (Continued)

new building construction will be independent of the work on the filters and the basins and the new electric service installation. Shoaf proposed installing a new tank instead of upgrading the current tank which is approximately one hundred (100) years old. Maassel asked how long the membranes last; Shoaf replied approximately five (5) years on average, however Tipp City is still using membranes from eight (8) years ago. Marihugh asked when conceptual footprints will be developed; Shoaf believes in approximately one (1) month, after some undecided details are completed. Shoaf stated the current plan is to have the front side of the building facing Riverview Avenue. Comadoll asked if the water tower is in this project; Irelan stated that the water tower is a separate project and not added into this project; the idea was to have that included but that discussion is ongoing. Marihugh asked who this is being discussed with; Irelan stated that research is being done with various companies. Marihugh noted that at one point there was a fund to paint the water tower, however there was no discipline and that fund was depleted.

Second:

Ridley

Any Other Matters To Come Before The Committee None

Any Other Matters That May Properly Come Before Council None

WSRRL Motion To Adjourn

Motion: Comadoll Second: Helberg To adjourn the WSRRL Committee meeting

Passed Yea- 3 Nay- 0 Roll call vote on above motion: Yea- Helberg, Ridley, Comadoll Nay-

Council Motion To Adjourn Motion: Marihugh

WSRRL meeting adjourned at 4:45pm.

Passed Yea- 6

Roll call vote on above motion:

To adjourn the Council meeting

Nay- 0 Yea- Ridley, Maassel, Helberg, Marihugh, McColley

Nay-

Council Meeting adjourned at 4:45pm.

Approved

Chris Ridley, Chair



DEPARTMENT OF MANAGEMENT

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

Memorandum

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

From: Monica Irelan, City Manager

Date: 11/16/2015

RE: Spring and Fall Cleanup

Attached are the summaries of the spring and fall cleanup for 2015. As explained previously, the fall cleanup was out of the norm because of the inability to rent garbage trucks. The City was forced to go back to dump trucks which limited our ability to compact the garbage.

Spring 2015 came in approximately \$2,000 less than Spring 2014. Fall 2015 came in approximately \$16,000 more than Fall 2014.

City of NAPOLEON, Ohio

Operations Department

1775 Industrial Dr., P.O. Box 151, Napoleon, OH 43545

Phone: 419/599-1891 Fax: 419/592-4379



Water Distribution Foreman **Brian Okuley**

Streets/Sewer Foreman Roger Eis

Refuse/Recycling Foreman **Perry Hunter**

Head Mechanic Tony Kuhlman

Memorandum

To:

Chad E. Lulfs, P.E., and P.S. Director of Public Works

From:

Jeffrey H. Rathge, Operations Superintendent

Date:

June 3, 2015

Subject:

2015 Spring Clean Up Summary

Please find below the cost breakdown of the 2015 Spring Seasonal Clean Up.

LABOR

City

356 regular time man-hours \$9,681.73 58.75 Overtime hours

City

120 regular time man-hours

\$2,560.84 \$0.00

Heartland Values, Flowing Opportunities

FY!

Trustees

\$12,242.57

(The wages reflect actual wages per hour per man, plus 35.5% for benefits & longevity.)

TRUCK RENTAL (Premier Truck Sales)

3 Garbage Truck Rentals for 1 week

\$7,950.00

TOTAL:

TOTAL:

\$7,950.00

FUEL FOR TRUCKS

Truck L2364 Truck L2365 Truck L2366 Truck #39 Truck #42 Truck #43

\$336.10 \$369.00

> \$358.93 \$177.64

\$69.15 \$77.62

TOTAL:

\$1,388.44

LANDFILL		
April 28	6 refuse loads	45.52 tons
April 29	6 refuse loads	44.66 tons
April 30	7 refuse loads	51.62 tons
May 1	8 refuse loads	57.69 tons
May 2	5 refuse loads	33.20 tons
	TOTAL:	232.69 tons
	32 refuse loads:	\$9,489.59
ZACH'S RECYCLI	NG – (Scrap Metal)	
April 27	8 loads (3.26 net tons @ \$102.00)	\$332.52
April 28	7 loads (2.69 net tons @ \$102.00)	\$274.38
April 29	11 loads (3.92 net tons @ \$102.00)	\$399.84
April 30	10 loads (4.03 net tons @ \$102.00)	\$411.06
May 1	9 loads (3.42 net tons @ \$102.00)	\$348.84
TOTAL:	45 loads (17.32 net tons @ \$102.00)	\$1,766.64
	5 refrigerators @ \$8.00 =	-\$40.00
	1 air conditioner @ \$5.00 =	<u>-\$ 5.00</u>
	TOTAL METAL REIMBURSEMENT:	\$1,721.64
HENRY COUNTY LANDFILL (Tires)		
Approximately 25 Pa	assenger tires @ 720 lbs. @ 0.04/lb.	\$28.80
	TOTAL:	\$28.80

CUMULATIVE TOTALS

Labor:		\$12,242.57
Truck Rental:		\$7,950.00
Fuel for Truck	s:	\$1,388.44
Landfill:		\$9,489.59
Tire Disposal:		\$28.80
	SUBTOTAL:	\$31,099.40
	Metal Reimbursement:	-\$1,721.64

TOTAL: \$29,377.76

(Total from Spring 2014: \$31,442.50)

City of NAPOLEON, Ohio

Operations Department

1775 Industrial Dr., P.O. Box 151, Napoleon, OH 43545

Phone: 419/599-1891 Fax: 419/592-4379



Operations Superintendent Jeffrey H. Rathge

Water Distribution Foreman Brian Okuley

Streets/Sewer Foreman Roger Eis

Refuse/Recycling Foreman Perry Hunter

Head Mechanic Tony Kuhlman

Memorandum

To: Chad E. Lulfs, P.E., and P.S. Director of Public Works From: Jeffrey H. Rathge, Operations Superintendent

Date: October 16, 2015,

Subject: 2015 Fall Clean Up Summary

Please find below the cost breakdown of the 2015 Fall Seasonal Clean Up.

LABOR

City 346 regular time man-hours \$10,530.49

City 8 Overtime hours \$417.00

Trustees 120 regular time man-hours \$\frac{\\$N/C}{\}TOTAL: \$\frac{10.947.49}{\}

(The wages reflect actual wages per hour per man, plus 35.5% for benefits & longevity).

TRUCK RENTAL (VIKING TRUCKING)

TOTAL:		\$10,004.50
32.00 truck hours (quad)	\$83.00/hour	<u>\$2,656.00</u>
48.50 truck hours (semi)	\$93.00/hour	\$4,510.50
32.25 truck hours (quin)	\$88.00/hour	\$2,838.00

TRUCK RENTAL & DRIVER (WERLOR)

36.19 truck hours & driver \$124.00/hour **\$4,487.56**

CITY EQUIPMENT

 End loader
 32 hours
 \$55.00/hour
 \$1,760.00

 Refuse truck
 20 hours
 \$50.00/hour
 \$1,000.00

Small dump 40 hours \$25.00/hour \$1,000.00 **TOTAL:** \$3,760.00

September 28	15 truckloads	43.86 tons
September 29	14 truckloads	44.84 tons
September 30	14 truckloads	35.92 tons
October 1	11 truckloads	28.87 tons

TOTAL: $54 \text{ refuse loads} \quad 153.49 \text{ tons} = $11,773.49$

ZACH'S RECYCLING - (Scrap Metal)

September 2812 loads	5.44 net tons @ \$82.00	\$446.08
September 2911 loads	4.17 net tons @ \$82.00	\$341.94
September 3010 loads	5.15 net tons @ \$82.00	\$422.30
- 1 4 401		

 October 1
 10 loads
 3.84 net tons @ \$82.00
 \$314.88

 October 2
 3 loads
 .90 net tons @ \$82.00
 \$73.80

 TOTAL:
 46 loads
 19.50 net tons @ \$82.00
 \$1,599.00

 3 refrigerators @ \$8.00 =
 - \$24.00
 - \$30.00

TOTAL METAL REIMBURSEMENT: \$1,545.00

<u>HENRY COUNTY LANDFILL – tires</u>

Approximately 43 Passenger tires @ 960 lbs. @ 0.04/lb. /ea. = \$38.40

CUMULATIVE TOTALS

Labor:	\$10,947.49
Truck Rental:	\$14,492.06
a. — .	40 =

 City Equipment
 \$3,760.00

 Landfill:
 \$11,773.49

Tire Disposal: \$38.40 **SUBTOTAL:** \$41,011.44

 Metal Reimbursement:
 -\$1,545.00

 TOTAL:
 \$39,466.44

Total from Fall 2014 was: \$23,548.98

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

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

Meeting Agenda

Monday, November 9, 2015 at 7:30pm

- I. Approval of Minutes (In the absence of any objections or corrections, the Minutes shall stand approved.)
- II. Discussion regarding Zoning changes regarding poultry within City limits
- III. Discussion regarding the Project Specification Review Process
- IV. Updated information from Staff on Economic Development (as needed)
- V. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

Municipal Properties, Buildings, Land Use & Economic Development Committee

Meeting Minutes

Monday, October 12, 2015 at 7:30pm

PRESENT

Committee Members

City Staff

Recorder Others

ABSENT

Committee

Staff

Call To Order

Approval Of Minutes

Review Of City Sidewalk Policy John Helberg - Chair, Jeffrey Marihugh, Travis Sheaffer

Greg Heath, Finance Director/Clerk of Council

Monica Irelan, City Manager

Chad Lulfs, Director of Public Works

Tammy Fein Patrick McColley

Ron Behm

Lisa Nagel, Law Director

Chairman Helberg called the meeting to order at 7:38pm.

Minutes of the August 10 and September 14 meetings stand approved as presented with no objections or corrections.

Helberg – "The next item then would be the review of the City Sidewalk Policy. Where are we at?"

Irelan – "Lisa prepared draft Legislation for the Ordinance; that was in your packet. I don't know if you guys need me to go through it or if you have questions about it."

Marihugh — "I, I, at least I read it. Two corrections I wanted to see made, I'll, I'll pass it as is but one is that the Council needs to be brought in I think after, my feelings is, after Chad's, Chad's conversation back, and the other one is, I mean is an FYI and I'd like to have it stated in there, and the other one is I truly think that the \$35 fee is a bunch of, I, we should not be charging our citizens \$35 for any appeal. We are here to serve our citizens and irregardless what our Staff is doing that is City business and that's what we are paid to do."

Helberg – "Do you want to make a Motion to strike that section, that, section?"

Marihugh – "I will move to strike that section and to add notification. I don't have the Section pulled up."

Sheaffer – "We have time and paperwork into that, don't we. I mean there's . . . "

Irelan – "Well for any other appeals process it, that's why it states the way it is. That's exactly how it's stated in every other appeals process."

Marihugh – "I know. And I, next year I'd like to get to change those also. So we have no fees attached to any appeal. That would be my goal. We're here as a government to be reactive to our folks, not to tax them with undated mandates."

Irelan – "I don't have any, I don't have a opinion but it needs to come from Council."

Marihugh – "I'm just sharing one councilman's, and I got another one back

there shaking his head."

Helberg – "That's a vote. Quit that Pat."

Heath – "The filing fee is established with an action by Council so. . . "

Marihugh - "Yeah, I know it'll take formal Legislation to repeal it."

Heath – "You can create a filing fee of zero but there, then again you're talking about sidewalk policy here, as a matter of fact the way this is stated, this particular policy, is actually two levels because you're prior to the, two full levels because prior to the reaching this same City Council. The other difference to is that, at least on the electric and water, if it's an electric dispute, it goes through either myself or the City Manager . . ."

Marihugh – "Mmmhmm."

Heath – "And then at that point a decision can be made if that person decides whether to bring it to the Committee, or Council what have you." Marihugh – "Mmmhmm."

Heath – "So, and there is a fee on that. But for . . . "

Marihugh – "I'm in favor of getting rid of all of those types of fees."

Heath - "Okay. That's fine. I understand . . . "

Marihugh - "Blanket."

Heath – "I'm just stating that, I mean, I think the reasons behind the fee before was . . ."

Marihugh – "Greg I don't care what the justification was. My opinion as a councilman is we are here to serve the people not charge, not here to charge them artificial fees. Everybody pays their utility bills, that should be included in the price of the utility bill. Every, you know, everybody pays taxes into the General Fund, this too should be included in the Tax Fund."

Heath - "Okay. That's fine."

Helberg - "He's thinking."

Sheaffer - "Yeah. I..."

Helberg – "There's already two levels that are free of charge."

Sheaffer – "Right. I, I, I would, I would rather leave the fee in there.

You've got to have some sort of method of, yeah, I mean, we charge for, you know, permits, we charge, I mean, it's just, it's just in line in general. You know if we start taking and taking, you know, these types of fees away, then . "

Helberg "Everything's going to go."

Sheaffer – "We end up with a revenue deficit."

Helberg – "Then everything's going to get railroaded right up to that because there's never a . . ."

Sheaffer - "Right."

Helberg – "Yeah. Did, did you, was that a separate individual, you were making a Motion just on that one item individually?"

Marihugh – "That in Section . . ."

Helberg – "You're going to do it one at a time? Or, you want to, I just want to make sure I'm understanding what your Motion is because . . ."

Marihugh – "Well first of all, is to waive the fee as mentioned in Section . . ." Helberg – "Yeah, I understand, I understand what you're saying there about the fee Jeff, and, and I guess what I'm afraid of is it going to die for a lack of a second. . ."

Marihugh - "Okay."

Helberg – "And then if you're tying everything else to the one, then the entire, all of your issues die, rather than individually listing them." Marihugh – "Okay. That would be one."

Motion To Waive Appeal Process Fee

Motion Died Due To Lack Of A Second

Helberg – "Anyone want to make a motion to second it? Okay, so that's going to, the suggestion, his Motion to, on dropping the fee is going to die due to a lack of second."

Motion: Marihugh Second:

To waive the fee associated with the final step of the appeal process

Motion died due to lack of Second

Heath – "Okay, so he made a Motion to that effect?"

Helberg – "Right. And that was just, I wanted to make sure I understood if it was just that one item, one by one or if he was putting all of them together, and he was putting it one by one so that's one."

Heath - "Alright."

Helberg - "Okay."

Heath – "And what was the first one? He had said that one about the fee but what was your very first one?"

Marihugh – "To, Section 2B it says 'The City Engineer shall provide written response to the appeal; the City Engineer's written response shall be either hand delivered or mailed by regular US mail to the property owner's address of record', blah, blah, blah, blah, blah, 'No hearing will be held.' I'd like to have in there but Council will be notified, to make sure that . . ."

Helberg – "Just, just be notified of the hearing, not to actually be a part of the hearing."

Irelan - "There is no hearing."

Marihugh – "There is no hearing."

Helberg - "Okay."

Sheaffer – "Then it's just a notification that they have to put a sidewalk in?" Marihugh – "No. That, that somebody is . . ."

Warmagh 100. That, that somebody

Helberg - "Challenging?"

Marihugh - "Yeah."

Sheaffer - "Can you scroll up on that? Sorry."

Marihugh - "Yeah, it's Section 2B."

Heath – "So you want a copy of the Engineer's response that was delivered to?"

Marihugh – "Yes. In the next Council packet."

Helberg – "Include the written response to Council in the next Council packet."

Marihugh - "Mmmhmm."

Irelan – "Or you could let the City Manager do their job."

Sheaffer – "Yeah I was going to say, I'd rather if it goes to Council then be notified of it, I don't know if we need to be notified of it beforehand."

Irelan – "I would say if it goes to the next appeal process to the City

Manager, that would be where you guys might want to hear the response."

Marihugh – "Okay. That's fine. One of those two scenarios."

Irelan – "I work for you, so if I'm writing the appeal, you guys . . ."

Sheaffer - "Yeah."

Irelan – "That's when you guys should step in."

Marihugh – "Just so there's some trail that Council is involved."

Helberg – "So you're, you're not asking then to be notified that the

Engineer's been, that an appeal's been filed to the Engineer, you're asking

that once it kicks above, once the Engineer denies it, they would file another to the City Manager and then at that point you want the City Manager to notify, and that would be in her normal routine, that's normally what you do but that's what, that's what..."

Marihugh – "Yep. I'd like to see it in writing."

Helberg - "Just include it in the packet? Okay."

Marihugh - "Yep."

Sheaffer – "Now I guess my question is here, is that, that when, if at any point the appeal comes to us, the only decision we have to make is, was the letter of the law followed or not. I, I still wonder if we need to, you know, look at the whole policy in general to see if there's a way that, and I suppose it does give some discretion in there, but, I mean the only thing that we're, the only thing that we're doing on this is we can determine whether she's acting in accordance with the rules or not. Now if we take and override it, but if we pass a Motion after that that says hey by the way. . ."

Helberg – "I think what you, what you're trying to say is that in some of the cases that we've had before is, we have the right to say that yes the City Manager did exactly their job however we feel this is an extenuating circumstance that we need to address. Because the City Manager did their work, did fine, did a great job, but you can't write a law that fits everything and here we would like to step in."

Sheaffer - "But I'm just wondering if the law . . . "

Helberg - "What's that?"

Sheaffer – "The law that the City Manager is following is that flexible enough that . . ."

Heath – "Are you going to have a policy or are you not going to have a policy?"

Irelan – "Yeah. The debate you're having right here is that we just don't have a policy. That's basically what you're debating."

Sheaffer – "Well I, that's what I'm afraid is going to be, is that everybody's going to come in here and appeal and because now that they know they can appeal, well they're all going to appeal, especially if there was no fee on it." Helberg – "Okay."

Sheaffer – "I mean you'd have every Tom, Dick and Harry out there appealing."

Heath – "Yeah, there's got to be a policy."

Sheaffer – "And Council's always been known to take and, you know, if somebody comes in here, you know, we take and, and right wrong or indifferent . . ."

Irelan – "Which is why it's specifically stated that it's if the decision is arbitrary or capricious. It does not give you the leeway to say this is an extraordinary extenuation."

Sheaffer - "Right."

Irelan – "Any of that. That is not in this policy."

Sheaffer - "Right."

Helberg – "I guess that's the point that he's making is we'd like to have one more step that, okay we can rule that you did your job."

Irelan – "Then there is no policy."

Heath – "Then there is no policy."

Irelan - "Once you take away any kind of teeth . . ."

Helberg – "I disagree."

Sheaffer - "But that's what I'm saying is I don't want to overrule those every

time because they're, you know . . ."

Heath – "That's usually why you have a policy."

Sheaffer – "Exactly. That's what I'm saying, is that there's a policy."

Heath – "But, but what I'm hearing, and I don't know, that you're willing to hear every exception. Well everybody's going to have an exception."

Irelan – "Yes, and everybody does."

Heath – "And whoever can verbally present it better than the next person you're going to give it to that person but the guy who comes in here and says well I just don't want to pay for it you're going to go well you're going to pay for it. The gal who comes in and cries you're going to allow."

Sheaffer – "Right, right. I just don't want every appeal."

Heath – "That's why you have a policy. That's the way you have a procedure in place. If you don't, if you want to listen, believe me, you want to open that can of worms over in the utilities side, I would not recommend that."

Sheaffer - "Oh, yeah."

Heath – "But, we can. You'd have them all in here."

Helberg – "We don't have to hear every, we don't have to acknowledge every complaint."

Heath - "If you don't have a policy, you do."

Helberg – "What's that?"

Heath—"If you don't have a policy, if they don't like the first decision, if they don't like the second decision, and there ain't going to be a fee, you're going to be hearing them."

Sheaffer - "Every one of them."

Heath - "Every one. Because they have nothing to lose."

Sheaffer – "And I can just see the argument now, somebody come in and saying why do I have to put a sidewalk in on my side. And this would be exactly my argument, I don't have a sidewalk on my side, if you're going to redo my road there's a sidewalk on the other side. Why should I have to pay to put one in and because you know there's one over there and people could walk over there. Well if I bring that argument in here, people are going to go well yeah, why do they? Well then now we've got mixed mished mashed sidewalks all over. I mean there's some places where it doesn't make sense to do it, I mean. . ."

Irelan – "But the vision of the City and the current policies in place all state that we want to be a walkable, pedestrian friendly community and to make that happen the policy is written to get those sidewalks put in."

Sheaffer – "And that's what, that's what Council has said in the past." Irelan – "And that's what connects the visions of the Councils in the past. If you guys have a different vision about sidewalks then go ahead and rewrite the entire policy and your entire vision and the goals and strategic plans so that we know how to implement them. We're not saying that we're passionate about anything in particular, we're just saying that we need guidelines, we need a vision, we need policies, we can't do our job if you guys throw all the policies out the window."

Sheaffer – "Well, and that's kind of what in a roundabout way, that's what I'm saying is, is that if this Council does not want, does, you know, has changed their collective mind on how we do sidewalks, then we need to fix that rather than you know, go this route and now all we're doing is, is you know, based on what we have in policy it's going to go nope, nope, nope, nope, and it's going to come to us and we're going to go well you know what,

Motion To Approve Legislation As Presented By The Law Department you know, you might be a sidewalk to nowhere but if you turn around then you're a sidewalk to everywhere, so you know, we're going to take and say you don't have to put it in. Well now we've just taken and overrode you know, our law, our policies, and it, to me it's the same analogy that if the road out front here is thirty miles an hour, Chief Weitzel says thirty mile an hour is bull crap it should be seventy, so he doesn't take and write anybody, you know, that goes underneath from thirty to seventy. Well, why do we have that law on the books saying the speed limit's thirty if nobody's going to enforce it. And I guess in this instance it's us enforcing our own policies. So if we, if we as a collective body have, have decided that we want to change our mind on how we do sidewalks I think we need to fix that through the process rather than just going on with something like this."

Marihugh – "Okay Travis. How about a Motion, or John since you're the Chairman, I will make a Motion to approve the Legislation as presented by the Law Department."

Motion: Marihugh Second:
To approve the Legislation as presented by the Law Department

Sheaffer – "Well, I mean that's fine but I think we, what we need to do is that we need to go into those conversations, you know, it, has our policy on sidewalks changed? Or has our, our thinking on how we do sidewalks changed? You know, as a Council, you know as a Committee first and as a Council. I mean, I mean we can adopt this in the meantime if you want, we can decide, but I just don't want, I don't want to have this policy and then we take and we override, you know after the appeal comes through because we say yeah she followed the rules but we're going to take and you know, kick out a, you know, an exception every time."

Helberg – "The only thing that I see in the policy that I don't agree with is that you've got a section of road that ends at, at you know, ten feet past one, like the one, their West property line so immediately we're going to make them put a sidewalk in all the way over to the East property line, okay, that happens to be another ninety feet across. Okay, I think we should change the policy to limit it to the length of the current project so you cover that. And that's the same case you've got here, the, the sidewalk only goes, I don't know what exactly what it is, halfway across her property. We don't know what we're going to do the rest of the way and that's the part of concern." Sheaffer – "Right."

Helberg – "She would only be going ten or fifteen, I don't know, twenty feet past her driveway."

Sheaffer – "My concern right now is, is next year we go into Park Street and we look at the offshoots off of there. There is that one that ends into an alley, one that ends into someone's back yard."

Marihugh – "Which is private."

Sheaffer – "Which is private and then you've got the other one that which ends into a cul de sac. Well on the cul de sac, the two houses are actually on either side and then there's a whole bunch of land back there that we have sewers and utilities underground there so, but by our policy because they're the landowners, we will require them to put that all the way around. Well that is, especially on a cul de sac, I don't think that that's necessary that the homeowner should pay all of that. I mean, if we want it done then maybe as part of the project we should do it. But I think it should, I think we need to

have the flexibility in the project or in the policy. . ."

Helberg - "Policy."

Sheaffer – "To be able to say you know what, if this is, or maybe it's part of it that we review as part of the project, you know if that's the way we want to do it, then maybe that makes more sense is just reviewing where we want those sidewalks to go as part of the project."

Helberg – "Question for Chad; is that, is a cul de sac an intersection?" Lulfs – "No. It goes all the way around."

Helberg – "Okay. I was just curious. They bought themselves into that situation. Okay, I was just, I didn't know what the definition was." Irelan – But if you're a walker, or a runner, and you're taking, if you're on a walk or you're taking your dog on a walk, you want a sidewalk all the way around that cul de sac."

Helberg – "Yeah, he, well he's not saying don't put it in, don't make the property owner fully responsible for it or in that special case I don't know." Sheaffer – "Yeah because that's more of a community benefit than that homeowner's. I mean, I guess is that instance."

Irelan - "So..."

Heath – "And I'll come in and argue that, if I was the property owner on any sidewalk you were trying to force me to do. Because we don't have that now, you go down Clairmont as it goes to the high school, I mean and that's a heavily trafficked area and you've got big sections because there's no house there yet, people walk it, especially if there's snow on the street, they come out to the street and then go back on the sidewalk, and if that's not been shoveled just stay on the street. So we're varying, you have whole subdivisions that Councils in the past have required."

Irelan – "Do I need to bring forth philosophies why you put sidewalks in so you guys can understand why we force people to put sidewalks in?" Helberg – "Not for me."

Irelan – "To see the philosophy behind it?"

Marihugh – "I understand it."

Irelan – "The policies behind it?"

Sheaffer – "No I understand it, I'm just saying that sometimes it just . . ." Irelan – "Then stay focused on what sidewalks are for and not particularly. . "

Marihugh – "When did we make her a councilman?"

Irelan – "you know, each individual property, keep focused on the big picture. What is a sidewalk for? What are we trying to accomplish here?" Marihugh – "Chad, can I ask you a question? Have, from the, the, what I would call the Westerly home there that was built, the last one to be built on Riverview . . ."

Helberg – "Riverview, okay."

Marihugh – "Okay. To Glenwood, have, is the sidewalk complete to Glenwood?"

Lulfs – "All but one property and they have a deadline of this week." Marihugh – "Okay."

Helberg – "Is that the one we had the issue with the catch basin?"

Lulfs – "Yeah. And there was some miscommunication with that gentleman and, we were able to get word to him, there's some . . ."

Irelan – "Personal issues."

Lulfs – "Issues there and we had trouble communicating with him." Marihugh – "But we've got it across the, you've got truncated domes and

everything at Glenwood and . . ."

Lulfs – "We do on the, on the East side, there's not ones yet on the West side where we can cross, there's a drop there."

Marihugh - "Okay."

Lulfs – "But there is not a, there's not actually a truncated dome yet." Marihugh – "And, and then what, and this is just, you know, trying to go along, I mean are, are people supposed to then switch over to the, the, I'm just trying to get in this my, square in my mind since we're talking about visions, how are people supposed to get from that point to the next point?" Lulfs – "Right now the only connecting sidewalks that would be available would be at North of Glenwood. I haven't discussed it with the Police Chief yet, he wants to look at allowing for a crosswalk there and is encouraging walking so that they aren't walking across to the park."

Marihugh – "And getting on the, on the bicycle path?"

Lulfs – "That's the, the location of something like that is something I'd like to discuss with Chief."

Marihugh - "I understand."

Lulfs – "For the best location. But right now the only place you'll see from the ice cream shop."

Marihugh – "The pick up."

Helberg – "Official path. How wide's that shoulder to the West of?" Lulfs – "Not very wide."

Marihugh - "You're never going to get block on it."

Lulfs - "That curves."

Helberg – "Yeah, I thought, I thought that was back, isn't that back ten feet from the edge line? No? Okay. My fifty mile an hour inspection doesn't work. Oh, that's not fifty mile an hour there, sorry, my thirty five mile an hour inspection. Alright, we, I think Jeff made a Motion."

Sheaffer – "Don't get me wrong, I am completely in favor of what we have here. I just don't want if we take and do this, that everybody that appeals coming down through here that, you know, we say yep she did her job but we're going to take and, you know, not do it. You know what I mean?" Irelan – "Technically the way it's written, you guys shouldn't. Technically the way it's written, you guys aren't supposed to do that."

Sheaffer - "I know."

Irelan - "Now . . ."

Sheaffer – "But there's been precedent in the past to where..."

Irelan – "Well yeah. You guys write the rules, you can also break your own rules."

Helberg – "I have the one problem with, I mean Chad if they have to replace it on their property only the construction limits."

Irelan – "I made sure that language was in there, not Chad."

Helberg - "Okay."

Irelan — "And the reason is because we do that with every utility. We force them to go to the other end of their property on every utility. And we are calling a sidewalk a utility for the same purposes, and so we're saying it should go to the other end of their property."

Helberg – "But you know what, you know the design of the extension of that utility, you don't know the design of the extension of that road, what you're going to do for grading on the sides, you don't know, I mean this is a prime example of it is that, you know, it, you don't know what's going to happen at that culvert in the future and going all the way across the property is what is

creating the problem. If we stopped it at the extent of the project . . ."

Irelan – "We would stop it before the end of her property as we stated before in a public meeting but it would not be as far back as she wants it to be brought back. It would be to the point where we could do some work from

brought back. It would be to the point where we could do some work from there to get it across and over the culvert in the future. It's not going all the way to her property line because that's the middle of the creek."

Helberg - "Right."

Irelan – "But it is sitting back far enough from the culvert that we can extend it at a later date."

Marihugh – "Why would we do that?"

Helberg – "And are we asking her to go beyond the end of the construction project?"

Irelan – "I'm sure it's a couple feet beyond the end of the construction." Helberg – "Okay. So for, in my example, okay somebody's got a one hundred foot wide lot that road construction, you know what's going on, ten foot onto their property, so you're making them put the sidewalk not only to the construction limit but you're making them go all the way across the property and you don't know what's happening in here. I guess this is a

Lulfs – "I would make them go to the property line if it made sense. If it didn't make sense, I wouldn't make them go to the property line." Helberg – "So under this then, would you rule that you stop at the end of construction?"

Lulfs – "I would look at, not necessarily, I would look at where it made sense to have them stop so it could be, to figure out where we may go in the future"

Helberg – "Along with the next project."

prime, this is exactly what I'm talking about is . . ."

Lulfs – "With the next project or whatever might be coming. I mean, if you were on a street that was a residential street that could potentially be extended, just say for example a straight street you knew was always going to be straight, the street stopped back here and their property went next to it four or five feet, then we look at what makes sense."

Helberg - "Right."

Lulfs – "In the case on Appian I would probably have her stop wherever it makes sense to eventually get across the creek, but to be honest with you, have not looked at that yet, until the project's done and we can see what we've got possibly."

Helberg - "Right."

Lulfs – "We'll probably, we'll talk to the property owners but until we see how the grass comes in and everything I'd hate to say it'll be right as this point right now with the way the condition is on it."

Sheaffer – "Well I think at that point it might need to go just to her driveway."

Lulfs – "Probably past her driveway. But we're not, we're not going to go into the creek, that's crazy."

Sheaffer - "Right."

Lulfs – "We'll go to a place that makes sense."

Sheaffer – "And the policy gives you that, the policy as a whole gives you that. . ."

Lulfs – "The way it's written it gives us that."

Sheaffer - "Okay. Alright."

Marihugh - "Okay, with that said, I rescind my Motion."

Sheaffer – "Well I'll move that we approve it as it is."

Helberg – "We got, I, yeah, I guess I wasn't, well nobody's called question yet, we don't have a second but I mean, I just disagree with the analogy of similar to a utility, I mean I think it's not, I think it's completely different in the regards of as things incrementally progress that if we limit it to the construction limits that you're required to go to here and then Chad can still, has the latitude to look at that and say well wait a minute, you know, that for example if there was a big hill that's going to get filled in later and you're going to cover up the sidewalk, you know, he would have that latitude then to say no, I want to come back twenty feet, but at no point would we make them go beyond the current new project. Is, that's the only."

Lulfs – "I guess I would see it as, whether we go past the point of the project short of the point of the project or where the project stops, we would just have them go to a point that made sense. Maybe there's, maybe there's an existing sidewalk ten feet or twenty feet past the end of the project that is their property line but the project didn't go that far. So I hate to say we stop at the end of the project if another twenty feet gets us to the existing."

Helberg – "That would be the case where Council would come in and declare we want that sidewalk in."

Lulfs - "That shouldn't have to be made by Council."

Sheaffer - "I know it shouldn't."

Lulfs – "That's kind of what this rule allows us to do, it allows us to operate with a little more common sense than just cut and dry it shall be put in. This says it shall go in but there's a little bit of leeway there. At least that's the way I read it."

Helberg - "Okay."

Sheaffer – "I guess that's what I'm saying is that is if our vision of what we want to do sidewalks for is changed then we need to decide that and communicate that, that way when they do it, they know."

Helberg – "I don't think the vision has changed, I just think that we're trying to, yeah."

Sheaffer — "I just don't want to see every one of these appeals going yep she did everything right but we're going to take and override it. I, I agree with this Legislation and it gives them, you know, some sort of appeal. I don't think that, I mean some of that and taking and overriding I just don't think that's Council's, it's not our job. I mean our job is high level, you know, that forty thousand feet, foot view of it whereas Staff is boots on the ground and, you know, Chad's the expert, you know, I can't go out there and say yeah it makes sense to put a sidewalk here versus here versus the project so I'm not even going to pretend, you know, to know that so, well, I guess with that I still have my Motion approve the policy as it is."

Helberg - "Right. Are you going to second it?"

Marihugh - "Absolutely not."

Helberg - "Can I ask why?"

Marihugh - "I don't agree with it."

Helberg – "Okay. Alright. I just, I mean you had made a Motion and I was wondering why you. . ."

Marihugh – "Well, when I heard Staff's explanation of what, what they're, they had planned to do then I withdrew my Motion."

Helberg – "Okay. Alright. So I guess it falls on me?"

Sheaffer - "Yep."

Helberg - "Yep, I, I mean no offense to you Jeff, I'm not trying to say that,

Review Of City Sidewalk Policy (Continued)	but I guess I'll, I'll let it go to Council. I'll make, second the Motion and then Tammy you want to call, we have a Motion and a second." Fein – "Travis." Sheaffer – "Yes." Fein – "Jeffrey." Marihugh – "No." Fein – "John." Helberg – "Yes."	
Motion To Approve Draft Legislation As Presented	Motion: Sheaffer Second: Helberg To approve draft Legislation as presented	
Passed Yea- 2 Nay- 1	Roll call vote on above motion: Yea- Sheaffer, Helberg Nay- Marihugh	
	Helberg – "Okay what else do we have on the Agenda? Updated information from Staff. Is there anything else on the Sidewalk Policy? No."	
Review Updated Information From Staff On ED (As Needed)	None	
Motion To Adjourn	Motion: Marihugh Second: Sheaffer To adjourn the meeting at 8:09pm.	
Passed: Yea- 3 Nay- 0	Roll call vote on motion: Yea- Sheaffer, Marihugh, Helberg Nay-	

Date_

John Helberg, Chair

Privacy Committee

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

Meeting Agenda

Tuesday, November 10, 2015 at 10:30am

- I. Approval of Minutes (In the Absence of any Objections or Corrections, the Minutes Shall Stand Approved)
- II. Review of Policies/Procedures for Identity Theft Prevention
- III. Report from Staff
- IV. Any other matters currently assigned to the Committee
- V. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

Privacy Committee

Meeting Minutes

Tuesday, May 12, 2015 at 10:30am

PRESENT

Members City Staff Christine Peddicord - Chair, Robert Weitzel, Trevor Hayberger

Greg Heath, Finance Director

Lori Rausch, Utility Billing Supervisor

Tammy Fein

Recorder

Call To Order

ABSENT

Members

Chairperson Peddicord called the meeting to order at 10:30am.

Approval Of Minutes

Minutes from the November 11, 2014 meeting stand approved as presented with no objections or corrections.

Review Of Policies/Procedures For Identity Theft Prevention Heath reported there are no changes or issues to report; Weitzel agreed.

Report From Staff

Rausch reported a chargeback from official payments was a stolen credit

card; the policies and procedures were followed properly.

Any Other Items

There are no other items of concern at this time.

Motion To Adjourn

Motion: Hayberger

Second: Weitzel

To adjourn the meeting at 10:32am.

Passed Yea- 3

Nay- 0

Roll call vote on above motion: Yea- Hayberger, Weitzel, Peddicord

Nay-

Date

Christine Peddicord, Chair

Memorandum

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

City Finance Director, Department Supervisors, Media

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

Date: 11/5/2015

Re: Board of Zoning Appeals Meeting Cancellation

The Board of Zoning Appeals meeting regularly scheduled for Tuesday,

November 10, 2015 at 4:30pm has been CANCELED due to lack of agenda items.

Memorandum

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

Director, Department Supervisors, Media

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

Date: 11/5/2015

Re: Planning Commission Meeting Cancellation

The Planning Commission meeting regularly scheduled for Tuesday, November 10, 2015 at 5:00pm has been CANCELED due to lack of agenda items.

City Council

in Joint Session with the

Finance & Budget Committee

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

Special Meeting Agenda

Friday, November 13, 2015 at 8:00am

- I. Second Read of Resolution No. 058-15, a Resolution authorizing the City Manager to negotiate vacation benefits, different from that which is stated in the Personnel Code, for the position of Wastewater Superintendent for the City of Napoleon, Ohio; and declaring an Emergency
- II. Review of 2016 Budget Proposals
- III. Any matters that may properly come before Council
- IV. Adjournment

RESOLUTION NO. 058-15

A RESOLUTIONAUTHORIZING THE CITY MANAGER TO NEGOTIATE VACATION BENEFITS, DIFFERENT FROM THAT WHICH IS STATED IN THE PERSONNEL CODE, FOR THE POSITION OF WASTEWATER SUPERINTENDENT FOR THE CITY OF NAPOLEON, OHIO; AND, DECLARING AN EMERGENCY

WHEREAS, the City Manager is in the process of negotiating vacation benefits with David Pike, a candidate for the position of Wastewater Superintendent for the City of Napoleon, Ohio; and

WHEREAS, Section 197.18 of the Personnel Code (also contained in Chapter 197 of the Codified Ordinances of the City of Napoleon) addresses vacation benefits for certain City of Napoleon employees; and

WHEREAS, Council for the City of Napoleon desires to provide the City Manager with authority to negotiate vacation benefits, different from that which is stated in Section 197.18 of the Personnel Code, for the position of Wastewater Superintendent; Now Therefore:

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

Section 1. That, the City Manager has authority to negotiate vacation benefits for the position of Wastewater Superintendent which may differ from that which is stated in Section 197.18 of the Personnel Code;

Section 2. That, the City Manager has the authority to offer 160 annual hours of vacation to David Pike is a , candidate current candidate for the position of Wastewater Superintendent for the City of Napoleon.

Superintendent for the City of Napoleon.
Section 3. That, said 160 hours of annual vacation is available for use in 2016 beginning on January 1, 2016, and for each annual year thereafter upon acceptance of the
position, the Candidate will receive 120 hours of vacation to be used by December 7,
2016.
Section 3. Section 4. That, the Candidate will accrue 160 annual hours of
vacation during the year 2016, and will accrue 160 annual hours of vacation for each
successive year thereafter throughout his employment with the City of Napoleon.
Section 4. Section 5. That, this Resolution is intended to address only the
negotiation of vacation benefits.
Section 5. Section 6. That, all other benefits for the position of Wastewater Superintendent shall accrue and be in accordance with the Personnel Code (Chapter 197)
of the Codified Ordinances) and the applicable provisions of the City's Employment
Policy Manual for full-time regular employees, both as may be amended from time to
time.
Section 6. Section 7. That, it is found and determined that all formal actions
of this City Council concerning and relating to the adoption of this Resolution were
adopted in open meetings of this City Council, and that all deliberations of this City

Code and the Codified Ordinances of Napoleon Ohio. found to be in conflict with this Resolution, then the provisions of this Resolution shall prevail. Further, if any portion of this Resolution is found to be invalid for any reason, such decision shall not affect the validity of the remaining portions of this Resolution or any part thereof. Section 9. That, this Resolution 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; 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: _____ Ronald A. Behm, 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 Napoleon, do hereby certify that the foregoing Resolution No. 058-15 was duly published in the Northwest Signal, a newspaper of general circulation in said City, on the _____ day of _ : & I further certify the compliance with rules established in Chapter 103 of the Codified Ordinances Of Napoleon Ohio and the laws of the State of Ohio pertaining to Public Meetings. Gregory J. Heath, Clerk/Finance Director

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

Finance & Budget Committee

in Joint Session with the

City Council

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

Special Meeting Agenda

Friday, November 13, 2015 at 8:00am

- I. Review of 2016 Budget Proposals
- II. Any other matters currently assigned to the Committee
- III. Adjournment

City Council

in Joint Session with the

Finance & Budget Committee

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

Special Meeting Agenda

Saturday, November 14, 2015 at 8:00am

- I. Third Read of Resolution No. 058-15, a Resolution authorizing the City Manager to negotiate vacation benefits, different from that which is stated in the Personnel Code, for the position of Wastewater Superintendent for the City of Napoleon, Ohio; and declaring an Emergency
- II. Review Of 2016 Budget Proposals
- III. Any other matters that may properly come before Council
- IV. Adjournment

Finance & Budget Committee

in Joint Session with the

City Council

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

Special Meeting Agenda

Saturday, November 14, 2015 at 8:00am

- I. Review Of 2016 Budget Proposals
- II. Any other matters currently assigned to the Committee
- III. Adjournment

City of NAPOLEON, Ohio

Operations Department

1775 Industrial Dr., P.O. Box 151, Napoleon, OH 43545

Phone: 419/599-1891 Fax: 419/592-4379



Operations Superintendent Jeffrey H. Rathge

Water Distribution Foreman Brian Okuley

Streets/Sewer Foreman Roger Eis

Refuse/Recycling Foreman Perry Hunter

Head Mechanic Tony Kuhlman



2015 CURBSIDE LEAF PICK UP

The City of Napoleon will begin curbside leaf pick up on Monday, November 16, through and including Friday, November 20, 2015. There will be no specific schedule for the pickup of bagged leaves; only those who have received a letter of confirmation for vacuuming services will be scheduled – no other residents are permitted to rake their leaves to the curb.

Residents should have bagged leaves at the curb by 7:00 a.m. Monday, November 16; leaves to be vacuumed should be at the curb by 7:00 a.m. of their scheduled day.

The City would also like to remind residents that leaves may be deposited at the 1722 Oakwood Ave. facility in loose (bulk) form on the existing grass, leaves and vegetative pile.

October 30, 2015

Congress extends sequester

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

This week, Congress adopted a two-year budget deal prior to the federal government reaching the debt ceiling and the resignation of Speaker John Boehner. We are extremely disappointed that the deal – put together at the last minute by leadership and the Administration – includes an extension of sequestration cuts to mandatory spending programs, including Build America Bonds (BABs) payments through 2025 (from the current 2024).

Congress unveiled its plan on Tuesday and AMP/OMEA immediately issued a grassroots call to action regarding the extension of sequestration cuts. While we had a tremendous response from our impacted members who contacted their lawmakers on this last-minute issue, the House adopted the budget on Wednesday and the Senate adopted the plan in the wee hours of Friday morning. The package addressed the debt ceiling until 2017.

The BABs program was established by Congress in 2009 at the height of the national recession as a tool to help spur development, job creation and improvements to infrastructure. AMP and its members used the program as part of the financing for our investments in Prairie State and the hydro projects. We did exactly what the program intended – built needed new electric generation projects and provided jobs.

In 2011, Congress adopted budget sequestration as a strategy to deal with its inability to come up with a workable budget package. The sequester trims most federal spending by an across-the-board percentage amount. Since the program was created, Congress has twice extended the sequester. We firmly believe that the Administration has unfairly included BABs among the programs that are categorized as mandatory spending cuts subjected to the sequester when that wasn't Congress' intent when crafting the sequester. AMP and OMEA leadership have met with senior Administration officials to express our concerns. We have also appealed to our members of Congress to right the wrong by clearly exempting BABs from the sequester. Unfortunately, Congress hasn't had the appetite to address our issue to date – largely citing the "Pandora's Box" that could result from other groups who have concerns about their programs being cut by the sequester.

The negative financial implications that budget sequestration has had – and is expected to continue to have – on AMP and its impacted members are profound. The extension of the sequester through FY 2025 will result in a cumulative estimated loss of nearly \$70 million in promised subsidy payments. Eighty five (85) AMP member communities in five states and their combined 459,514 residential, commercial and industrial customers

Energy markets update

By Jerry Willman - director of energy marketing

NYMEX natural gas for December settled at \$2.257. The new prompt contract reached early highs of \$2.372, however, it failed to break key resistance and fell as midday weather confirmed warming changes. The cause for the initial move up was a slightly bullish EIA storage number, a 63-Bcf injection versus expectations 68-69 Bcf. This is the second consecutive week that the weekly injection came in at the low side of expectations.

According to industry sources, bearish market participants will continue to seek a price floor until gas storage peaks and sustained heating demand ensues.

On-peak power prices for 2016 at AD Hub closed yesterday at \$37.70/MWh, which was \$1.15/MWh lower for the week.

AFEC weekly update

By Jerry Willman

Fremont was in a 2x1 configuration for most of the week with the exception of early Sunday morning when the plant operated in a 1x1 configuration due to lower PJM LMP prices.

Duct burner operation was limited this week due to PJM transmission constraints on Monday, Tuesday and Wednesday. Although duct firing was restricted on those days, PJM allows generators to recover Lost Opportunity Costs (LOC) if the output from a generating unit is limited due to a transmission constraint so revenue for the project is not impacted during those hours.

For the week, the plant generated at a 75 percent capacity factor (based on 675 MW rating).

see SEQUESTER Page 2

are negatively impacted. In addition, states, cities, transit authorities, public water systems and others who financed public projects with direct payment bonds since 2009 are also all feeling the pinch. We will continue to raise this issue and strongly encourage our members to do the same in their conversations with federal policymakers.

Please contact me at jthompson@amppartners.org, or Michael Beirne at mbeirne@amppartners.org or 614.540.0835 with questions.

APPA's Kelly named to Most Powerful Women list

Sue Kelly, president/CEO of the American Public Power Association (APPA) was named one of Washington's "Most Powerful Women" in the November 2015 issue of Washingtonian magazine. Since becoming CEO in April 2014, Kelly has been visiting members, including AMP/OMEA, and raising public power's profile.



Sue Kelly

The magazine lists more than 100 of the region's most influential women in business, law, government, education, media, nonprofits and the arts. "The roster reflects the many spheres where women now hold sway, in both the public and private sectors as well as in the arts, science, and community service," according to the Washingtonian. Kelly was listed in the "Business, labor, and lobbying" category. Congratulations, Sue!

Save the dates March 7-9 for APPA Legislative Rally

The American Public Power Association's (APPA) 2016 Legislative Rally will be held March 7-9 at the Grand Hyatt Washington in Washington, D.C.

The room block for the host hotel will open on Nov. 1 and AMP/OMEA recommend reserving a room early as the block sells out quickly. Information regarding the AMP/ OMEA group rally events will be distributed after the first of the year. For general event information, please visit www.publicpower.org.

Member Directory updated

Updates have been made to the AMP Member Directory. The directory is located on the Member Extranet section of the AMP website. On that web page, you will also find a document that details all the changes made since the last directory update. Please contact Bethany Kiser at 614.540.0945 or bkiser@amppartners.org if there are changes to your community's directory page.

On Peak (16 hour) prices into AEP/Dayton Hub Week ending Oct. 30 TUE WED MON THU FRI \$33.20 \$32.52 \$30.44 \$34.24 \$32.69 Week ending Oct. 23 TUE MON WED FRI THU \$41.87 \$37.33 \$37.59 \$40.86 \$35.43 AEP/Dayton 2016 5x16 price as of Oct. 29 — \$37.70 AEP/Dayton 2016 5x16 price as of Oct. 22 — \$38.85

Public Power Forward Summit covers new era in electricity

By David Deal - director of energy policy & sustainability

A group of AMP staff and Board members attended the American Public Power Association's (APPA) first Public Power Forward Summit - Preparing for a New Era in Electricity - Oct. 26-27 in Alexandria, Virginia. In recognition of a rapidly evolving utility landscape, APPA convened a series of expert speakers to discuss topics including: New Business Models in Public Power, Financing and Rate implications, the Impact of Technology on Operations, and Consumer Engagement and Communications.

The conference was insightful and it reinforced the importance of many of AMP's existing sustainability initiatives focused on power supply diversity and smart investments in technology. The lessons learned during the conference provides affirmation of the many drivers AMP has observed within our footprint and membership. Furthermore, those implications highlight next steps for our organization and outline a series of follow-up tasks to best ensure AMP member communities are well positioned to engage with these emerging issues.

While there were multiple sessions held over the course of two days, many speakers discussed similar themes that can be described as common major drivers causing reorientation of business models. A key question consistently asked was "how do we best understand a trend compared to fad?" As the former is worth following, while the latter comes and goes with time, here are some major drivers that suggest a new utility model paradigm is unlikely to fade away.

- Policy and Regulation: The changing regulatory environment at the federal level and in many regions of the country is focused on increasing the use of low carbon energy sources, either through incentives or limitations on the use of fossil fuels.
- **Economics:** The continued decreasing cost of renewable energy and associated technologies including elements such as inverters, energy storage, communication equipment and data analytics tools coupled with continued low interest rates and natural gas commodity prices suggest that natural gas and renewables will

Subcommittee meeting covers issues regarding financial soundness for members

By Joe Regan – member credit compliance analyst

The City of Bryan hosted members from several AMP communities on Oct. 29 for an AMP Finance & Accounting Subcommittee meeting.

Dawn Lund, vice president of Utility Financial Solutions, started the meeting with a discussion on performing a financial checkup for utilities. Lund covered a variety of financial topics and best practices intended to provide a total picture of the overall condition of a utility.

Lund was followed by Jim Moore, principal of Kensington Capital Advisors and AMP's financial products adviser, who provided a primer on hedging bond financings. Specifically, Moore discussed how hedging is an important tool used to maximize savings for AMP project participants.

Tom Wilson, partner with Dinsmore & Shohl, followed Moore with a presentation on economic development bonds and community improvement corporations. Wilson covered how economic development bonds and community improvement corporations can be used as tools to benefit Ohio communities and their economies.

Following lunch, Alice Wolfe, AMP assistant vice president of power supply planning and alternative generation, provided a discussion on AMP peaking projects. She specifically discussed the AMP Solar Phase II and behind-themeter gas projects and how they can be used to help AMP members with peaking needs.

Matt Stuczynski, with Provident Financial Advisor, followed Wolfe with a discussion on regulatory changes impacting the municipal securities market. Stuczynski covered the impact of recent changes in the SEC Municipal Advisor rules and what should be expected when a member is considering utilizing a municipal advisor.

I finished out the day with a presentation on the AMP credit scoring program. Specifically, I discussed the program and provided insight on a few things AMP members can do to strengthen their credit scores. Additionally, I covered how rating agencies cited the AMP credit scoring program as a credit positive in recent ratings reviews.

The next Finance & Accounting Subcommittee meeting will be held Nov. 5 in Grove City, Pennsylvania. All interested parties from municipalities are welcome to attend. Please RSVP to either myself at jregan2@amppartners.org or 614.540.6913, or Chris Deeter at cdeeter@amppartners.org or 614.540.0848.

News/Ads AMB UPdate

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.

- represent the bulk of new generation coming online.
- **Big Data:** The continued emergence of private sector efficiency and big data service providers has effectively decoupled energy use and economic growth. Whether we consider Google fiber or the Nest thermostat, new two-way flows of information and machine learning are fundamentally changing the way we use energy. New points of analysis along the power supply spectrum, two-way energy flow, distributed resources, and continued cost declines of energy storage technologies all present potential alternatives.
- Customer Preference and Engagement: Customer preferences are presenting new opportunities for utilities to engage with customers, as well as communications, rate and policy challenges. Initiatives such as community solar, customer rooftop solar programs, and demand response participation are becoming more well known to customers, as well as being heavily marketed by vendors.

AMP is continuing to focus on these emerging areas of interest and opportunity. In 2016, AMP staff will be prioritizing continued member education through the provision of targeted educational engagements (webinars, meetings and written communication) and opportunities, as well as the development of online resources for member communities.

Please contact me at <u>ddeal@amppartners.org</u> or 614.540.0840 with questions or for more information.

APPA to conduct national survey of customers

The American Public Power Association (APPA) will be conducting a national survey of public power customers through Great Blue Research (a Hometown Connections partner) in early November. APPA is evaluating perceptions of the public power business model and service quality. The survey findings will assist APPA in providing resources to help communicate the value of public power in their communities.

The survey includes 800 phone calls and 800 digital questionnaires. The 1,600 customers will be drawn at random from more than 2,000 public power communities across the country. They will be informed that this survey is being conducted on behalf of APPA and not by their local utility or a third party.

If you would prefer that your service territory be excluded from this survey, email to info@publicpower.org by Nov. 4 and APPA will ensure that it is not on the list.

Classifieds

AMP seeks qualified candidates

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

Generation Technician: This position performs and/or directs the operation and maintenance of internal combustion turbine electrical generation equipment and associated facilities. Coordinates contract work, provides routine inspections, prepares reports, and coordinates operation and maintenance efforts performed by municipal employees at host sites.

Candidates must have a minimum of five years of experience in the operation and maintenance of internal combustion and combustion turbine electric generation equipment, and have a working knowledge of emissions monitoring equipment and makeup water treatment equipment. Experience with programmable logic controllers is preferred and training and maintenance experience with Caterpillar diesel generators is a plus.

AFEC Project Coordinator: This position performs project management and performance analysis for the Fremont Energy Center and associated systems.

Qualifications include a four-year college degree in mechanical or electrical engineering; or minimum of two-year college degree in a mechanical or electronics field and five years of experience in plant operation and maintenance. Candidates must have the ability to read basic schematics, be familiar with symbols used in civil, mechanical and electrical diagrams and read/interpret instruction manuals.

Environmental Compliance Specialist: The specialist maintains compliance status of AMP-owned/managed facilities. This includes assisting with SPCC plans, environmental compliance activities and audits, and the Environmental Management Information System.

Qualifications include a bachelor's degree in chemical/ civil/environmental engineering or environmental/natural science, with one to three years of environmental compliance/regulatory work experience preferred.

Director of electric applications are being accepted in Martinsville

The City of Martinsville, Virginia, is seeking qualified applicants for the position of Director of Electric Utilities. Martinsville is located 40 miles north of Greensboro, North Carolina, and 50 miles south of Roanoke, Virginia.

Responsibilities: plans, organizes, coordinates, supervises and evaluates programs, plans, services, staffing, equipment, electric facilities and infrastructures of the Electric Department. Evaluates electric utility needs and formulates short and long range plans to meet needs. Drafts and reviews bid documents. Negotiates and administers contracts and ensures compliance with all local, state and federal regulations.

Presents agenda items relating to department activities to mayor and city council. Supervises the review of private project development plans for compliance with codes, regulations, and standards, adequacy of application for permits and compliance with approved plans.

Qualifications: Education equivalent to a bachelor's degree in engineering, public or business administration or related field required; master's degree preferred. Ten years extensive experience in electric and utilities business management, preferably in a municipal setting experience in with progressively increasing responsibility including five years supervisory/managerial experience or any combination of experience, training, and education. Valid driver's license required.

Min Salary: \$80,493 DOQ, excellent benefits package. Open until filled. A required city application must be completed online at www.martinsville-va.gov. EOE. Women and Minorities are encouraged to apply.

Bowling Green to administer written exam for police officer

The Bowling Green Civil Service Commission will administer a written examination for Police Officer on Dec. 5, 2015. Candidates must complete an application that is available through the city's Personnel Dept, City Administrative Services Building, 304 N. Church St., Bowling Green, Ohio 43402. Hours: 8 a.m. to 4:30 p.m. weekdays. Telephone: 419.354.6200; Fax: 419.352.1262; Email: <u>BGPersonnel@bgohio.org</u>. Application materials are available here. Resumes may be included, but will not substitute for a completed city application. Specific information about the examination process will be provided upon application. Applications will be accepted through Nov. 12, 2015. A copy of the job description will be provided to applicants.

Credit for military service will be awarded in accordance with Section 124.23 of the ORC. A copy of Section 124.23 will be provided to candidates. No credit will be given if proof of eligible military credit is submitted after the candidate's application has been submitted to the city.

New employees must serve a one-year probationary period. Starting salary is \$23.45 per hour. AA/EEO

American Municipal Power, Inc. 1111 Schrock Road • Suite 100 Columbus, Ohio 43229 614.540.1111 • FAX 614.540.1113 www.amppartners.org



PUBLIC POWER CONNECTIONS

RESIDENTIAL SOLAR INSTALLATIONS NEED A BACK-UP

Rooftop solar is gaining in popularity and utilities are adding it to their overall planning process

s residential solar becomes more affordable and prevalent, there are a few things to remember regarding how a solar installation, such as rooftop solar, interacts with the grid.

Customers with residential solar panels are almost always connected to the grid. While it is possible to "go off the grid," the majority of systems sold are still interconnected. This means customers with solar maintain a relationship with their local utility.



An installation may be sized to meet some or the entire customer's need, or intentionally produce more than what the customer can use. Even if the installation is over sized, it is rare that the customer's energy use patterns will align with the power generated by the solar system at the same time it is being produced. The highest output from solar is generally noon to 2 p.m., but residential needs for electricity are usually higher later in the day - around 6 p.m. Output also greatly varies depending on how sunny or cloudy it is on any given day. The local utility has to be ready to provide the electricity needed so the customer is never without power.

It is also important to remember that just because a customer has their own generation source doesn't mean they will always

have power. In the event the grid is down, residential solar will not produce electricity. Using an inverter that meets the IEEE 1547 and UL 1741 safety and quality standards is very important. These standards require the inverter to stop working if the grid is down. This is designed for safety - it prevents backflow and keeps lineworkers safe.

Utilities must plan on providing power to each customer, whether the customer has their own behind-the-meter generation or

not. As residential solar gains in popularity, it is becoming an increasingly important part of a utility's overall planning. Many customers don't realize that there are costs to the utility regardless of how much energy a customer produces or consumes. A utility has to have the power ready and there is a cost for it to secure the resource. A fixed monthly charge, often known as a "standby charge," may be deployed for customers with solar to help the utility fairly recover its costs and prevent subsidization by non-solar customers.

Municipal electric utilities are on hand and available to provide power and assistance to the resident's meter in the event their solar panels are not covering the full electrical needs of the home: at night, during cloudy days and times of peak demand.

SAFETY SPOTLIGHT

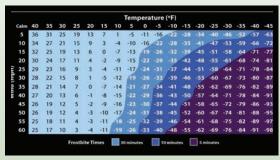
Roughly half of home fire deaths result from fires reported between 11 p.m. and 7 a.m., when most people are asleep. The National Fire Protection Association recommends smoke alarms should be installed in every bedroom, outside each separate sleeping area and on every level of your home, including the basement. Keep in mind larger homes may need more alarms to provide adequate coverage. Remember to change the batteries in smoke detectors regularly. Pick a date, perhaps a birthday or the change to daylight saving time, to make sure all of the smoke detector batteries in the home are replaced.



WIND CHILL INDICATES HEAT LOSS, NOT TEMPS

or your safety and that of your family, you should know what wind chill numbers mean and how they should guide your winter outdoor activities and the way you dress for them.

To begin with, the numbers on the wind chill index are not actual temperatures. They indicate what the combined wind and cold feel like based on the rate of heat loss from a person's exposed skin. The greater the wind speed, the faster the heat loss.



Courtesy of National Oceanic and Atmospheric Administration and National Weather Service

for Disease Control and Prevention (www.emergency.cdc.gov) websites.

Keep yourself and your family frostbitefree when temperatures drop below freezing by (1) using the wind chill chart, (2) heeding weather forecasters' wind chill advisories (potentially hazardous conditions) and a warnings (lifethreatening conditions), and (3) planning and dressing according to general

advice from the Red Cross and CDC. Be sure to wear:

- Layers of loose-fitting, lightweight, warm clothing. Outer garments should be tightly woven, water repellent, and, if possible, hooded.
- A hat (preferably covering the ears), because almost half of a person's body heat is lost through the head.
- A scarf, balaclava or neck warmer to cover the mouth and protect lungs in extreme cold.
- Winter gloves or mittens (mittens are warmer than gloves but sometimes may not be suitable).
- Waterproof, insulated boots with good traction to protect feet and help maintain footing on ice and snow.
- A change of clothing if clothes become wet.

The helpful wind chill chart above shows how long skin can be exposed at different temperatures and wind speeds before frostbite occurs. For example, a wind speed of 20 mph when the temperature is 40 would feel like a mildly uncomfortable 30. However, that 20 mph wind blowing when the temperature is 0 would feel like a very uncomfortable -22. It would also result in frostbite after 30 minutes.

Besides frostbite, another danger of exposure is hypothermia, where the body temperature drops below 95 degrees. Immediate medical attention is needed for both of these conditions. You can learn about symptoms and treatment, as well as general winter preparedness, at the Red Cross (www.redcross.org) and Centers

HOW IT WORKS: RECYCLING NUMBERS

From bottled water to frozen lunches, we drink and eat from plastics pretty regularly, but do you know what the recycling numbers from 1 to 7 mean on the bottom of your plastic containers? This number system, known technically as the resin identification code, actually provides a great deal of information about the plastic, including what chemicals it contains, its level of biodegradability and its safety.

Plastics numbered 1 are usually clear and used for water and drink bottles, food packaging, salad dressings, mouthwash, etc. They are known as PETE or PET (polyethylene terephthalate) and are widely accepted by curbside recycling programs.

Milk jugs, household cleaner containers, toiletry and motor oil bottles are usually Plastic 2, high-density polyethylene. These plastics are generally opaque and are also

widely accepted by curbside recycling programs.

Plastic 3 (polyvinyl chloride) is used to make plumbing pipes, toys, shower curtains, clear food packaging, medical equipment and windows. It's not recommended to cook or burn this plastic. It can be recycled, but is not typically accepted by curbside recycling programs so check your local program.

Plastics numbered 4 can be found in grocery bags, plastic wrap, computer components, carpet, bread bags and squeezable bottles. Plastic 4 is low-density polyethylene and few recycling centers accept it due to its low rate of recyclability. However, many grocery stores now accept clean, empty grocery bags for recycling.



Plastic 5 (polypropylene) also has a low rate of recyclability.

It's usually found in medicine bottles, Tupperware, yogurt containers, ketchup and syrup bottles, and even clothing.

Plastic 6 is notoriously difficult to recycle. Polystyrene, also known as Styrofoam, is generally not accepted by recycling programs. It can be found in egg cartons, foam food trays, packing peanuts and disposable plates and cups.

Plastic resins that don't fit into any of the other categories are labeled 7. This miscellaneous catchall category encompasses quite a range of products. If a plastic has no imprint, it is typically a number 7. This plastic is difficult to recycle and is generally not collected.

The average American generates nearly one ton of trash a year. Don't let the resin numbers deter you – recycling can make a big difference.



October 2015

OMEA NEWSLETTER

APPA L&R RALLY

The APPA L&R Rally will take place March 7-9, 2016. The event is being held at the same hotel as the past several years, the Grand Hyatt Washington. The rooms for this event typically sell out quickly. It is important to book rooms early.

The APPA room block opens for reservations on Nov. 1. If you are not an AMP or OMEA Board member, you will need to book your own room.

All AMP and OMEA Board members will have a room reserved in their name.

More information will be coming in the months ahead.



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Mandates Study Committee issues report

he co-chairs of the Ohio Energy Mandates Study Committee issued their report Sept. 30, calling on the state to freeze the renewable energy standards at the current levels indefinitely. The report notes that uncertainty over the Clean Power Plan provides the justification for the freeze.

We are pleased that the report does not recommend expanding the state mandates to include municipal electric utilities. Rural electric cooperatives also remain exempt from the standards. The committee was created in 2014 to further study Ohio's renewable and energy efficiency standards. The energy mandates were frozen for two years and are currently scheduled to resume in 2017. The final report makes five recommendations. In addition to the freeze extension, the report also recommends:

- Providing an expedited process at the PUCO for the review of new utility plans for energy efficiency;
- Investigating and ensuring maximum credit for all of Ohio's energy initiatives;
- Switching from energy mandates to energy incentives; and
- Declaring that the General Assembly retains statutory authority with respect to energy policy and dispatch protocols, including Clean Power Plan compliance.

The release of the report, signed by seven of the 12 members of the committee, was met with mixed reactions, most notably from Gov. John Kasich, who called the freeze recommendation "unacceptable." With the report now complete, lawmakers will begin working on legislation to enact the recommendations, although co-chair Sen. Troy Balderson said action isn't expected until next year.

Ohio biennial budget bill includes kilowatt-hour tax amendment

he 131st General Assembly biennial budget bill, HB 64, made its way through the legislative process by the June 30 deadline and Gov. John Kasich signed the bill into law.

As part of the governor's income tax cut plan, a number of changes were proposed to existing taxes, including proposed changes related to kilowatt-hour tax revenues received by the state. While the proposal did not seek to make any changes to the municipal electric system local share of the kilowatt-hour tax, the legislation as introduced used vague language that OMEA considered potentially problematic. As such, OMEA staff worked closely with several members of the legislature and tax department officials to ensure a clarifying amendment was included in the final version of the budget.

In the end, Kasich vetoed several provisions, including a last-minute amendment added in the Senate that would have eliminated the tangible personal property tax on generation equipment. This provision would have benefited AFEC.



OMEA Board members pictured at the 2015 AMP/OMEA Conference are (from left): Mayor Don Walters, Cuyahoga Falls; Mayor Richard Homrighausen, Dover; Mayor Ed Kidston, Pioneer; Mayor Patrick McGowan, St. Marys; Vice Mayor Kathy Cocuzzi, Westerville; Mayor Pat Hale, Tipp City; Mayor Robert Vincenzo, St. Clairsville; Village Administrator Wayne York, New Bremen; Mayor Robin Laubaugh, Wadsworth; Mayor Douglas Johnson, Bryan; Village Administrator Kevin Brooks, Edgerton; Mayor Steve Yagelski, Montpelier; and Mayor David Handwerk, Orrville. Not pictured are: Scott Broadwell, Oberlin; Carla Fiehrer, Hamilton; and Travis Sheaffer, Napoleon.

AMP/OMEA Conference covers industry topics, issues

ore than 400 participants attended the 2015 AMP/OMEA Conference, which was held in Columbus Sept. 28-Oct. 1. Featured speakers included President/CEO of the American Public Power Association Sue Kelly and Ohio Environmental Protection Agency Director Craig Butler. Conference sessions provided an exclusive opportunity to hear updates on new and existing AMP projects, and also presented important information regarding industry, legislative and regulatory trends.

During the OMEA General Membership meeting on Sept. 30, the communities Edgerton, Montpelier, Napoleon and Orrville were re-elected to serve on the OMEA Board of Directors. Edgerton is represented by Kevin Brooks, village administrator; Montpelier, Mayor Steve Yagelski; Napoleon, Travis Sheaffer, council member; and Orrville, Mayor David Handwerk.

During the Board reorganization meeting, Yagelski was elected to take the place of Mayor Robert Vincenzo on the executive committee. Vincenzo is retiring from St. Clairs-ville later this year, following 24 years of service as mayor. Wadsworth Mayor Robin Laubaugh was re-elected to the executive committee, and Dover Mayor Richard Homrighausen was re-elected Board president. Also elected to an ex-officio seat on the OMEA Board was Celina, represented by Mayor Jeffrey Hazel.



The OMEA Board of Directors meets to discuss issues of importance to Ohio municipal electric systems during the AMP/OMEA Conference.

The OMEA general membership also selected three new honorary members:

- Mayor Robert Vincenzo, who served St. Clairsville for 37 years – 24 years as mayor and 15 years on the OMEA Board prior to his retirement.
- Jon Bisher, former chair of the AMP Board of Trustees, who retired from Napoleon in 2014 following 16 years of service to the city.
- Mayor Ralph Infante, who served Niles for nearly 32 years as an elected official and as a member of the OMEA Board of Directors for seven years.

The AMP/OMEA Conference dates for 2016 have been set. Please save the dates of Sept. 26-29 for next year.

GET TO KNOW YOUR BOARD MEMBERS:

Mayor Robert Vincenzo



ayor Robert Vincenzo has served as mayor of St. Clairsville for 24 years, having been successfully re-elected six

consecutive times. He started on city council in 1978 making for a total of 37 years of service to St. Clairsville. Vincenzo has been a strong proponent of public power during his time in office, having been involved in many system improvements, including two electrical substation projects.

Vincenzo sought out grants for his community to advance development.

Projects that were accomplished during his administration include the building of Park Health Center, Forest Hills Retirement Community and Nursing Home, Kennedy Park Retirement Community, St. Clairsville Central Park and a city bike trail.

Vincenzo has been a strong advocate for local government in Ohio, serving on the Ohio Municipal League as a past president of the Board of Directors and an active participant in the Ohio Mayors' Association.

A longtime supporter of public power, Vincenzo has been an active member of the OMEA Board of Directors for 15 years, serving on the Executive

Committee for the past 14 years. He has been a regular attendee at the American Public Power Association Legislative Rally in Washington, D.C., and OMEA Legislative Day activities in Columbus. Vincenzo has always been available to engage with his state and federal lawmakers on issues that impact municipal electric systems.

Additionally, at this year's AMP/OMEA Conference, Vincenzo was elected by the General Membership as an OMEA Honorary Member. This special recognition is given to individuals who have a distinguished public power career with significant accomplishments.

GET TO KNOW YOUR LEGISLATORS:

Representative Tim Schaffer



A lifelong resident of Central Ohio, Rep. Tim Schaffer (R-Lancaster) is currently serving his fourth non-consecutive

term in the House of Representatives. Schaffer serves the 77th House District, which encompasses most of Fairfield County. He is currently the chair of the House Public Utilities Committee and also serves on the Agriculture and Rural Development, and Ways and Means committees. Schaffer's tenure in public office began when he was elected to the Ohio House of Representatives in 2000. After serving three terms, he was elected

to represent the 31st Ohio Senate District from 2007-2014.

As the former chair of the Senate Ways and Means, and Economic Development committees, he helped oversee legislation that continues to affect state and local government revenues, tax collection and economic development. He has also served as vice chair of the Senate Agriculture, Environment and Natural Resources Committee, and as a member of the Energy and Public Utilities, and the Insurance, Commerce and Labor committees. These positions allowed him to play a key role in developing policies that protect Ohio's air and water quality along with its abundant natural resources, and keep energy prices in check.

Schaffer holds a bachelor's degree in political science and communications from Mount Union College. Schaffer has also served as chair of the Fairfield County Republican Party. Various awards and honors include Watchdog of the Treasury Award, NFIB Guardian of Small Business, Champion of the Ohio Quarter Horse Congress, Friend of Philanthropy, Ohio Development Association Distinguished Service Award, National Federation of the Blind Distinguished Service Award, MS Society of America Advocate of the Year, Business First 40 under 40 and the Fairfield County Republican Party Statesmanship Award.





Sen. Troy Balderson toured the Belleville and Willow Island facilities in August to gain a better knowledge of run-of-the-river hydroelectric generation. Other legislators in attendance included Sen. Sandra Williams (D-Cleveland) and Rep. Christina Hagan (R-Alliance). All three are members of the Ohio Energy Mandates Study Committee, with Balderson serving as co-chair.

GET TO KNOW YOUR LEGISLATORS:

Senator Troy Balderson



Sen. Troy Balderson (R-Zanesville) represents the 20th District, which encompasses the municipal electric

community of Glouster and all of Fairfield, Guernsey, Hocking, Morgan and Muskingum counties, as well as portions of Athens and Pickaway counties. He is currently the chair of the Senate Committee on Energy and Natural Resources, and vice chair of the Senate Committee on Public Utilities. He also is the co-chair of the Energy Mandates Study Committee, which just issued its final report in September. With the great influx of attention being directed to Ohio's energy industry, Balderson oversees policy initiatives for one of the fastest growing sectors.

Born and raised in southeastern Ohio, Balderson graduated from Zanesville High School in 1980 and attended both Muskingum College and the Ohio State University. His family has owned and operated a farm in Salem Township for several generations. He also co-owns an automotive dealership that has been in the family for three generations, with 77 years of business in the community.

In addition to his committee leadership responsibilities, Balderson serves as vice chair of the Senate Committee on Agriculture. He also serves as a member of the Senate Education, Public Utilities, Transportation, and Workforce and Economic Development committees.

Prior to joining the Ohio Senate, Balderson served in the Ohio House of Representatives, where he was named to the House Finance Committee and also presided as chair of the Subcommittee on Agriculture and Natural Resources. Through these positions, he played an important role in developing policies that encouraged job creation.

Balderson stays very active in the community, including being a member of the Genesis Health Care Advisory Board, the Cattleman's Association, the Muskingum County Farm Bureau and the National Rifle Association. He is also a member of the Fairfield County, Muskingum County, and Pickerington chambers of commerce, the Muskingum County Business Incubator Board, the Ohio Township Association and was the co-founder of Appalachia Outdoor Adventures. He is the vice chair of the Ohio Sportsman's Caucus and serves as an elder at the First Christian Church.