

October 2015							November 2015							December 2015						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2	3	1	2	3	4	5	6	7	6	7	8	9	10	11	12
4	5	6	7	8	9	10	8	9	10	11	12	13	14	13	14	15	16	17	18	19
11	12	13	14	15	16	17	15	16	17	18	19	20	21	20	21	22	23	24	25	26
18	19	20	21	22	23	24	22	23	24	25	26	27	28	27	28	29	30	31		
25	26	27	28	29	30	31	29	30												

 Calendar

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

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

City of Napoleon, Ohio
Electric Committee
Meeting Minutes

Monday, October 12, 2015 at 6:30pm

PRESENT

Members

BOPA

City Staff

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)

Recorder

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.

Approval Of Minutes

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

Review Of Power Supply Cost Adjustment Factor

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

BOPA Motion To Recommend Approval Of Power Supply Cost Adjustment Factor

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

Passed

Yea- 3

Nay- 0

Roll call vote on above motion:

Yea- Cordes, DeWit, Engler

Nay-

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 2015 as follows:

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

JV2: \$0.040095

JV5: \$0.040095

Passed

Yea- 2

Nay- 0

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

**Review Of Rate Levelization
Program**

Ireland 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; Ireland 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. Ireland 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; Ireland 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. Ireland 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. Ireland 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**

Motion: DeWit
To table Rate Levelization Review

Second: Cordes

Passed
Yea- 3
Nay- 0

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

**Electric Motion To Accept
BOPA Recommendation To
Table Rate Levelization
Review**

Passed
Yea- 3
Nay- 0

Motion: Maassel Second: Helberg
To accept the BOPA recommendation to table Rate Levelization Review

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**

Passed
Yea- 2
Nay- 1

Motion: DeWit Second: Engler
To recommend that Council add information on certain billboards regarding the City being a public not for profit utility company

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

Sheaffer noted that the City kept their AMP Board seat.

BOPA Motion To Adjourn

Passed
Yea- 3
Nay- 0

Motion: DeWit Second: Cordes
To adjourn the BOPA meeting at 7:00pm

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

Electric Motion To Adjourn

Passed
Yea- 3
Nay- 0

Motion: Helberg Second: Maassel
To adjourn the Electric Committee meeting at 7:00pm

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

Date

Travis Sheaffer, Chair

NOVEMBER 2015

City of Napoleon, Ohio

DETERMINATION OF MONTHLY - POWER SUPPLY COST ADJUSTMENT FACTOR (PSCAF)

AMP Billed Usage Month	City Billing Month	City Net kWh Delivered	Power Supply Costs (Net of Known) (Credit's)	Rolling 3-Month Totals Current + Prior 2 Months kWh Cost		Rolling 3 Month Average Cost	Less: Fixed Base Power Supply Cost	PSCA Dollar Difference + of (-)	PSCAF 3 MONTH AVERAGED 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	\$0.07194 Fixed	g + h	i X 1.075
July '13	Sept '13	15,155,085	\$ 1,079,067.22	42,008,376	\$ 3,071,739.07	\$ 0.07312	\$ (0.07194)	\$ 0.00118	\$ 0.00127
Aug '13	Oct '13	14,988,976	\$ 1,076,578.75	43,901,780	\$ 3,202,479.59	\$ 0.07295	\$ (0.07194)	\$ 0.00101	\$ 0.00108
Sept '13	Nov '13	13,082,500	\$ 1,034,603.30	43,226,561	\$ 3,190,249.27	\$ 0.07380	\$ (0.07194)	\$ 0.00186	\$ 0.00200
Oct '13	Dec '13	13,408,321	\$ 955,194.81	41,479,797	\$ 3,066,376.86	\$ 0.07392	\$ (0.07194)	\$ 0.00198	\$ 0.00213
Nov '13	Jan '14	13,195,556	\$ 928,309.84	39,686,377	\$ 2,918,107.95	\$ 0.07353	\$ (0.07194)	\$ 0.00159	\$ 0.00171
Dec '13	Feb '14	14,533,938	\$ 1,106,152.18	41,137,815	\$ 2,989,656.83	\$ 0.07267	\$ (0.07194)	\$ 0.00073	\$ 0.00079
Jan '14	March '14	15,559,087	\$ 1,172,398.60	43,288,581	\$ 3,206,860.62	\$ 0.07408	\$ (0.07194)	\$ 0.00214	\$ 0.00230
Feb '14	April '14	13,478,231	\$ 947,067.14	43,571,256	\$ 3,225,617.92	\$ 0.07403	\$ (0.07194)	\$ 0.00209	\$ 0.00225
March '14	May '14	13,601,244	\$ 1,078,817.99	42,638,562	\$ 3,198,283.73	\$ 0.07501	\$ (0.07194)	\$ 0.00307	\$ 0.00330
April '14	June '14	11,742,091	\$ 857,959.09	38,821,566	\$ 2,883,844.22	\$ 0.07428	\$ (0.07194)	\$ 0.00234	\$ 0.00252
May '14	July '14	12,551,978	\$ 1,033,671.88	37,895,313	\$ 2,970,448.96	\$ 0.07839	\$ (0.07194)	\$ 0.00645	\$ 0.00693
June '14	Aug '14	13,993,641	\$ 1,106,124.65	38,287,710	\$ 2,997,755.62	\$ 0.07830	\$ (0.07194)	\$ 0.00636	\$ 0.00683
July '14	Sept '14	14,400,701	\$ 1,168,920.36	40,946,320	\$ 3,308,716.89	\$ 0.08081	\$ (0.07194)	\$ 0.00887	\$ 0.00953
Aug '14	Oct '14	14,963,886	\$ 1,130,286.47	43,358,228	\$ 3,405,331.48	\$ 0.07854	\$ (0.07194)	\$ 0.00660	\$ 0.00709
Sept '14	Nov '14	12,933,928	\$ 873,122.55	42,298,515	\$ 3,172,329.38	\$ 0.07500	\$ (0.07194)	\$ 0.00306	\$ 0.00329
Oct '14	Dec '14	12,957,031	\$ 1,007,380.97	40,854,845	\$ 3,010,789.99	\$ 0.07369	\$ (0.07194)	\$ 0.00175	\$ 0.00189
Nov '14	Jan '15	13,630,693	\$ 1,048,435.47	39,521,652	\$ 2,928,938.99	\$ 0.07411	\$ (0.07194)	\$ 0.00217	\$ 0.00233
Dec '14	Feb '15	14,030,217	\$ 1,077,557.19	40,617,941	\$ 3,133,373.63	\$ 0.07714	\$ (0.07194)	\$ 0.00520	\$ 0.00559
Jan '15	March '15	14,814,734	\$ 1,036,847.14	42,475,644	\$ 3,162,839.80	\$ 0.07446	\$ (0.07194)	\$ 0.00252	\$ 0.00271
Feb '15	April '15	13,867,347	\$ 960,357.18	42,712,298	\$ 3,074,761.51	\$ 0.07199	\$ (0.07194)	\$ 0.00005	\$ 0.00005
March '15	May '15	13,844,262	\$ 1,003,564.83	42,526,343	\$ 3,000,769.15	\$ 0.07056	\$ (0.07194)	\$ (0.00138)	\$ (0.00148)
April '15	June '15	12,167,778	\$ 886,097.15	39,879,387	\$ 2,850,019.16	\$ 0.07147	\$ (0.07194)	\$ (0.00047)	\$ (0.00051)
May '15	July '15	11,261,298	\$ 881,002.83	37,273,338	\$ 2,770,664.81	\$ 0.07433	\$ (0.07194)	\$ 0.00239	\$ 0.00257
Jun '15	Aug '15	13,738,522	\$ 916,655.51	37,167,598	\$ 2,683,755.49	\$ 0.07221	\$ (0.07194)	\$ 0.00027	\$ 0.00029
Jul '15	Sep '15	15,053,827	\$ 979,654.01	40,053,647	\$ 2,777,312.35	\$ 0.06934	\$ (0.07194)	\$ (0.00260)	\$ (0.00280)
Aug '15	Oct '15	15,336,926	\$ 965,909.05	44,129,275	\$ 2,862,218.57	\$ 0.06486	\$ (0.07194)	\$ (0.00708)	\$ (0.00761)
Sept '15	Nov '15	14,245,268	\$ 1,020,249.35	44,636,021	\$ 2,965,812.41	\$ 0.06644	\$ (0.07194)	\$ (0.00550)	\$ (0.00591)

<u>BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - NOVEMBER, 2015</u>										
2015 - NOVEMBER BILLING WITH OCTOBER 2015 DATA BILLING UNITS										
PREVIOUS MONTH'S POWER BILLS - PURCHASED POWER KWH AND COST ALLOCATIONS BY DEMAND & ENERGY:										
DATA PERIOD	MONTH / YR	DAYS IN MONTH	MUNICIPAL PEAK							
AMP-Ohio Bill Month	SEPTEMBER, 2015	30	30,337							
City-System Data Month	OCTOBER, 2015	31								
City-Monthly Billing Cycle	NOVEMBER, 2015	30								
			FREEMONT	JV-6	PRAIRIE STATE	JV-5	JV-2	AMP SOLAR		
PURCHASED POWER-RESOURCES ->			AMP CT	ENERGY	WIND	SCHED. @ PJMC	NYPA	HYDRO	PEAKING	PHASE 1
			SCHED. @ ATSI	SCHEDULED	SCHED. @ ATSI	REPLMT@ PJMC	SCHED. @ NYIS	7x24 @ ATSI	SCHED. @ ATSI	SCHED. @ ATSI
Delivered kWh (On Peak) ->			123,311	2,432,330	28,296	3,642,144	541,393	2,223,360	2,445	158,276
Delivered kWh (Off Peak) ->										
Delivered kWh (Replacement/Losses/Offset) ->								32,376		
Delivered kWh/Sale (Credits) ->										
Net Total Delivered kWh as Billed ->			123,311	2,432,330	28,296	3,642,144	541,393	2,255,736	2,445	158,276
<i>Percent % of Total Power Purchased-></i>			<i>0.8656%</i>	<i>17.0747%</i>	<i>0.1986%</i>	<i>25.5673%</i>	<i>3.8005%</i>	<i>15.8350%</i>	<i>0.0172%</i>	<i>1.1111%</i>
<u>COST OF PURCHASED POWER:</u>										
<u>DEMAND CHARGES (+Debits)</u>										
Demand Charges	\$27,530.61	\$36,516.76	\$1,187.34	\$39,920.34	\$5,778.22	\$24,377.29	\$407.95			
Debt Services (Principal & Interest)		\$44,196.22		\$92,861.58		\$51,942.68				
<u>DEMAND CHARGES (-Credits)</u>										
Transmission Charges (Demand-Credits)	-\$28,307.02		-\$387.17			-\$9,715.32	-\$285.35			
Capacity Credit	-\$97,918.61	-\$93,525.75	-\$1,131.13	-\$14,999.33	-\$6,810.70	-\$33,531.82	-\$1,703.65			
Sub-Total Demand Charges	-\$98,695.02	-\$12,812.77	-\$330.96	\$117,782.59	-\$1,032.48	\$33,072.83	-\$1,581.05		\$0.00	
<u>ENERGY CHARGES (+Debits):</u>										
Energy Charges - (On Peak)	\$11,165.84	\$66,432.23		\$41,886.81	\$6,352.53	\$53,589.61	\$131.78	\$13,453.48		
Energy Charges - (Replacement/Off Peak)										
Net Congestion, Losses, FTR		\$4,880.32		\$11,546.67	\$8.32					
Transmission Charges (Energy-Debits)				\$22,077.29						
ESPP Charges										
Bill Adjustments (General & Rate Levelization)		\$247.19					\$127.35			
<u>ENERGY CHARGES (-Credits or Adjustments):</u>										
Energy Charges - On Peak (Sale or Rate Stabilization)										
Net Congestion, Losses, FTR										
Bill Adjustments (General & Rate Levelization)				\$46,878.07	\$3,236.59					
Sub-Total Energy Charges	\$11,165.84	\$71,559.74	\$0.00	\$122,388.84	\$9,597.44	\$53,589.61	\$259.13	\$13,453.48		
<u>TRANSMISSION & SERVICE CHARGES, MISC.:</u>										
RPM Charges Capacity - (+Debit)										
RPM Charges Capacity - (-Credit)										
Service Fees AMP-Dispatch Center - (+Debit/-Credit)										
Service Fees AMP-Part A - (+Debit/-Credit)										
Service Fees AMP-Part B - (+Debit/-Credit)										
Other Charges & Bill Adjustments - (+Debit/-Credit)										
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
TOTAL - ALL COSTS OF PURCHASED POWER	-\$87,529.18	\$58,746.97	-\$330.96	\$240,171.43	\$8,564.96	\$86,662.44	-\$1,321.92	\$13,453.48		
<i>Purchased Power Resources - Cost per kWh-></i>	<i>-\$0.709825</i>	<i>\$0.024153</i>	<i>-\$0.011696</i>	<i>\$0.065942</i>	<i>\$0.015820</i>	<i>\$0.038419</i>	<i>-\$0.540663</i>	<i>\$0.085000</i>		

<u>BILLING SUMMARY AND CONS</u>							
2015 - NOVEMBER BILLING WITH OCTOBER 2015							
PREVIOUS MONTH'S POWER BILLS - PL							
DATA PERIOD							
AMP-Ohio Bill Month							
City-System Data Month							
City-Monthly Billing Cycle							
	(MORGAN STNLY	EFFNCY.SMART	NORTHERN	TRANSMISSION	SERVICE FEES	MISCELLANEOUS	TOTAL -
PURCHASED POWER-RESOURCES ->	REPLMNT.2015-20	POWER PLANT	POWER	CHARGES	DISPATCH, A & B	CHARGES &	ALL
	(7x24 @ AD	2014 - 2017	POOL	Other Charges	Other Charges	LEVELIZATION	RESOURCES
Delivered kWh (On Peak) ->	2,736,000	0	1,403,941				13,291,496
Delivered kWh (Off Peak) ->			977,819				977,819
Delivered kWh (Replacement/Losses/Offset) ->							32,376
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%	0.0000%	16.3236%	0.0000%	0.0000%	0.0000%	100.0000%
						Verification Total ->	100.0000%
<u>COST OF PURCHASED POWER:</u>							
<u>DEMAND CHARGES (+Debits)</u>							
Demand Charges				\$94,865.99			\$230,584.50
Debt Services (Principal & Interest)							\$189,000.48
<u>DEMAND CHARGES (-Credits)</u>							
Transmission Charges (Demand-Credits)							-\$38,694.86
Capacity Credit							-\$249,620.99
Sub-Total Demand Charges	\$0.00	\$0.00	\$0.00	\$94,865.99	\$0.00	\$0.00	\$131,269.13
<u>ENERGY CHARGES (+Debits):</u>							
Energy Charges - (On Peak)	\$172,231.20		\$58,080.90	\$7,276.47			\$430,600.85
Energy Charges - (Replacement/Off Peak)			\$27,231.39				\$27,231.39
Net Congestion, Losses, FTR	\$1,955.64						\$18,390.95
Transmission Charges (Energy-Debits)							\$22,077.29
ESPP Charges		\$17,953.72					\$17,953.72
Bill Adjustments (General & Rate Levelization)						\$0.00	\$374.54
<u>ENERGY CHARGES (-Credits or Adjustments):</u>							
Energy Charges - On Peak (Sale or Rate Stabilization)			-\$1,605.01				-\$1,605.01
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
<u>TRANSMISSION & SERVICE CHARGES. MISC.:</u>							
RPM Charges Capacity - (+Debit)				\$311,545.25			\$311,545.25
RPM Charges Capacity - (-Credit)							\$0.00
Service Fees AMP-Dispatch Center - (+Debit/-Credit)					\$1,068.10		\$1,068.10
Service Fees AMP-Part A - (+Debit/-Credit)					\$2,921.91		\$2,921.91
Service Fees AMP-Part B - (+Debit/-Credit)					\$8,306.57		\$8,306.57
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	\$174,186.84	\$17,953.72	\$83,707.28	\$413,687.71	\$12,296.58	\$0.00	\$1,020,249.35
						Verification Total ->	\$1,020,249.35
Purchased Power Resources - Cost per kWh->	\$0.063665	\$0.000000	\$0.035998	\$0.000000	\$0.000000	\$0.000000	\$0.071620
						(Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWH) = JV2 Electric Service Rate ->	\$0.035819
						(Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWH) = JV5 Electric Service Rate ->	\$0.035819



AMERICAN MUNICIPAL POWER, INC.

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

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

City of Napoleon

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

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

Northern Power Pool Billing - 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

DETAIL INFORMATION OF POWER CHARGES September , 2015

Napoleon

FOR THE MONTH OF:	September, 2015	Total Metered Load kWh:	14,321,678
		Transmission Losses kWh:	-76,410
		Distribution Losses kWh:	0
		Total Energy Req. kWh:	14,245,268
TIME OF FENTS PEAK:	09/08/2015 @ H.E. 16:00	COINCIDENT PEAK kW:	30,366
TIME OF MUNICIPAL PEAK:	09/02/2015 @ H.E. 16:00	MUNICIPAL PEAK kW:	30,813
TRANSMISSION PEAK:	September, 2014	TRANSMISSION PEAK kW:	30,153
		PJM Capacity Requirement kW:	28,312

Napoleon Resources

AMP CT - Sched @ ATSI			
Demand Charge:	\$2.220210 / kW *	12,400 kW =	\$27,530.61
Energy Charge:	\$0.090550 / kWh *	123,311 kWh =	\$11,165.84
Transmission Credit:	\$2.282824 / kW *	-12,400 kW =	-\$28,307.02
Capacity Credit:	\$7.896662 / kW *	-12,400 kW =	-\$97,918.61
Subtotal	-\$0.709823 / kWh *	123,311 kWh =	-\$87,529.18
Fremont - sched @ Fremont			
Demand Charge:	\$4.165252 / kW *	8,767 kW =	\$36,516.76
Energy Charge:	\$0.027312 / kWh *	2,432,330 kWh =	\$66,432.23
Net Congestion, Losses, FTR:	\$0.002006 / kWh *		\$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
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
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:	\$0.011501 / kWh *	3,642,145 kWh =	\$41,886.81
Net Congestion, Losses, FTR:	\$0.003170 / kWh *		\$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 PJM/MISO, including non-Prairie State variable charges/credits	\$0.006062 / kWh	3,642,145 kWh	\$22,077.29
Board Approved Rate Levelization			\$46,878.07
Subtotal	\$0.065942 / kWh *	3,642,145 kWh =	\$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:	\$0.000015 / kWh *		\$8.32
Capacity Credit:	\$7.567444 / kW *	-900 kW =	-\$6,810.70
Adjustment for prior month:			\$3,236.59
Subtotal	\$0.015820 / kWh *	541,393 kWh =	\$8,564.96
JV5 - 7X24 @ ATSI			
Demand Charge:		3,088 kW	
Energy Charge:		2,223,360 kWh	
Transmission Credit:	\$3.146153 / kW *	-3,088 kW =	-\$9,715.32
Capacity Credit:	\$10.858750 / kW *	-3,088 kW =	-\$33,531.82
Subtotal	-\$0.019451 / kWh *	2,223,360 kWh =	-\$43,247.14
JV5 Losses - Sched @ ATSI			
Energy Charge:		32,376 kWh	
Subtotal	#N/A / kWh *	32,376 kWh =	\$0.00
JV2 - Sched @ ATSI			
Demand Charge:		264 kW	
Energy Charge:	\$0.053899 / kWh *	2,445 kWh =	\$131.78
Transmission Credit:	\$1.080871 / kW *	-264 kW =	-\$285.35
Capacity Credit:	\$6.453220 / kW *	-264 kW =	-\$1,703.65
Subtotal	-\$0.759613 / kWh *	2,445 kWh =	-\$1,857.22
AMP Solar Phase I - Sched @ ATSI			
Demand Charge:		1,040 kW	
Energy Charge:	\$0.085000 / kWh *	158,276 kWh =	\$13,453.48
Subtotal	\$0.085000 / kWh *	158,276 kWh =	\$13,453.48
Morgan Stanley 2015-2020 - 7x24 @ AD			
Demand Charge:		3,800 kW	
Energy Charge:	\$0.062950 / kWh *	2,736,000 kWh =	\$172,231.20
Net Congestion, Losses, FTR:	\$0.000715 / kWh *		\$1,955.64
Subtotal	\$0.063665 / kWh *	2,736,000 kWh =	\$174,186.84
Efficiency Smart Power Plant 2014-2017			
ESPP 2014-2017 obligation @ \$1.400 /MWh x 153,889. MWh / 12			\$17,953.72
Subtotal	#N/A / kWh *	0 kWh =	\$17,953.72
Northern Power Pool:			
On Peak Energy Charge: (M-F HE 08-23 EDT)	\$0.041370 / kWh *	1,403,941 kWh =	\$58,080.90
Off Peak Energy Charge:	\$0.027849 / kWh *	977,819 kWh =	\$27,231.39
Sale of Excess Non-Pool Resources to Pool	\$0.028446 / kWh *	-56,423 kWh =	-\$1,605.01
Subtotal	\$0.035998 / kWh *	2,325,337 kWh =	\$83,707.28
Total Demand Charges:			-\$41,512.12

DETAIL INFORMATION OF POWER CHARGES September , 2015

Napoleon

Total Energy Charges:				\$504,144.96
Total Power Charges:			14,245,268 kWh	\$462,632.84
TRANSMISSION 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
GRAND TOTAL POWER INVOICE:				\$888,617.13

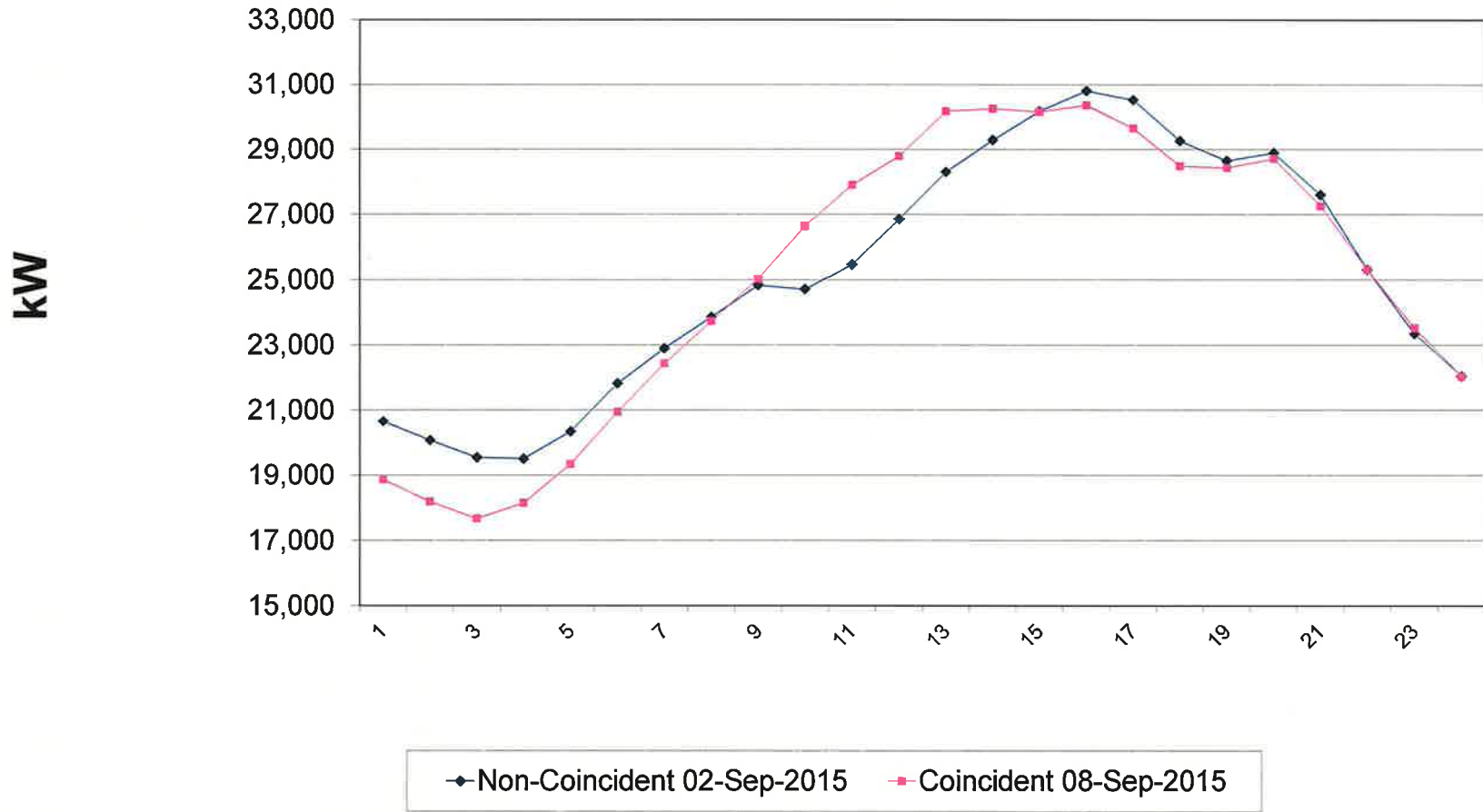
Napoleon Capacity Plan - Actual											
Sep 2015		ACTUAL DEMAND = 30.813 MW									
Days 30		ACTUAL ENERGY = 14,322 MWH									
	SOURCE	DEMAND MW	ENERGY MWH	LOAD FACTOR	DEMAND RATE \$/KW	ENERGY RATE \$/MWH	DEMAND CHARGE	ENERGY CHARGE	TOTAL CHARGES	EFFECTIVE RATE \$/MWH	% OF DOLLARS
	(1)	(2)	(4)	(5)	(6)	(7)	(9)	(10)	(11)	(12)	(13)
1	NPP Pool Purchases	0.00	2,382	0%	\$0.00	\$35.82	\$0	\$85,312	\$85,312	\$35.82	8.4%
2	NPP Pool Sales	0.00	-56	0%	\$0.00	\$28.45	\$0	-\$1,605	-\$1,605	\$28.45	-0.2%
3	AFEC	8.77	2,432	39%	-\$1.43	\$29.32	-\$12,566	\$71,313	\$58,747	\$24.15	5.8%
4	Prairie State	4.98	3,642	102%	\$37.53	\$14.67	\$186,738	\$53,433	\$240,171	\$65.94	23.6%
5	NYPA - Ohio	0.94	541	80%	-\$1.09	\$17.73	-\$1,032	\$9,597	\$8,565	\$15.82	0.8%
6	JV5	3.09	2,223	100%	\$10.71	\$24.10	\$33,073	\$53,590	\$86,662	\$38.98	8.5%
7	JV5 Losses	0.00	32	0%	\$0.00	\$0.00	\$0	\$0	\$0	\$0.00	0.0%
8	JV6	0.30	28	13%	-\$1.10	\$0.00	-\$331	\$0	-\$331	-\$11.70	0.0%
9	AMP Solar Phase I	1.04	158	21%	\$0.00	\$85.00	\$0	\$13,453	\$13,453	\$85.00	1.3%
10	Morgan Stanley 2015-2020 7x24	3.80	2,736	100%	\$0.00	\$63.66	\$0	\$174,187	\$174,187	\$63.66	17.1%
11	AMPCT	12.40	123	1%	-\$7.96	\$90.55	-\$98,695	\$11,166	-\$87,529	-\$709.82	-8.6%
12	JV2	0.26	2	1%	-\$5.51	\$53.90	-\$1,454	\$132	-\$1,322	-\$540.67	-0.1%
	POWER TOTAL	35.58	14,245	56%			\$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	28.31			\$11.00		\$311,545	\$0	\$311,545	\$21.75	30.6%
15	TRANSMISSION	30.15	12,022		\$3.15	\$0.61	\$94,866	\$7,276	\$102,142	\$7.13	10.0%
16	Distribution Charge	30.81			\$0.00	\$0.00	\$0	\$0	\$0	\$0.00	0.0%
17	Service Fee B		14,322			\$0.58		\$8,307	\$8,307	\$0.58	0.8%
18	Dispatch Charge		14,322			\$0.07		\$1,068	\$1,068	\$0.07	0.1%
	OTHER TOTAL						\$406,411	\$34,605	\$441,016	\$30.79	43.4%
GRAND TOTAL PURCHASED			14,245				\$512,144	\$505,183	\$1,017,327		
Delivered to members		30.813	14,322	65%			\$512,144	\$505,183	\$1,017,327	\$71.03	100.0%
	2015 Forecast	DEMAND 31.74	ENERGY 13,179	L.F. 58%					TOTAL \$ 1,155,602	\$/MWh \$87.69	Avg Temp 64.1
	2014 Actual	30.41	13,026	59%					\$904,157	\$69.41	62.4
	2013 Actual	31.81	13,208	58%					\$1,031,946	\$78.13	63.8
									Actual Temp		67.7

NAPOLEON

	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday
Date	9/1/2015	9/2/2015	9/3/2015	9/4/2015	9/5/2015	9/6/2015	9/7/2015	9/8/2015	9/9/2015	9/10/2015	9/11/2015	9/12/2015	9/13/2015	9/14/2015	9/15/2015
Hour															
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	16,621	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	15,045	20,204	21,237
1200	28,538	26,851	28,450	28,515	20,414	21,628	22,177	28,977	24,477	23,226	21,286	16,162	15,247	20,576	21,952
1300	29,314	28,307	29,992	29,488	21,087	22,759	23,193	30,176	25,137	23,858	21,163	15,995	15,116	20,771	22,434
1400	29,577	29,293	30,588	28,694	21,744	23,234	23,717	30,262	25,171	24,024	20,715	15,685	15,071	20,726	22,629
1500	30,354	30,189	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	18,589
2400	21,913	22,053	22,431	17,931	16,770	16,760	19,955	22,044	18,737	18,172	14,897	15,236	13,898	17,059	17,698
Total	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	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday
Date	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	10/1/2015
Hour																
100	17,102	17,189	17,535	16,147	13,193	15,068	15,625	15,767	16,169	16,720	14,990	14,009	16,275	17,675	16,249	-
200	16,531	16,840	17,240	15,658	12,821	15,001	15,479	15,719	16,055	16,218	14,571	13,588	16,367	17,425	15,910	-
300	16,049	16,375	16,881	15,213	12,440	14,958	15,194	15,347	15,655	15,743	14,178	13,347	16,118	17,089	15,819	-
400	16,063	16,829	17,019	15,165	12,430	15,399	15,543	15,689	15,846	16,162	14,242	13,392	16,582	17,252	16,258	-
500	16,975	17,471	17,806	15,585	12,706	16,203	16,603	16,733	16,898	17,024	14,832	13,447	17,537	18,233	17,112	-
600	18,445	18,720	19,262	16,361	13,134	17,694	18,148	18,031	18,140	18,275	15,493	13,720	19,082	19,912	18,645	-
700	19,594	19,618	20,111	16,944	13,235	19,049	19,321	19,131	19,045	19,670	16,260	13,962	20,852	21,466	20,161	-
800	19,951	20,472	20,593	17,532	13,724	19,576	19,581	19,604	19,639	19,990	16,841	14,359	21,051	21,516	20,007	-
900	20,536	21,151	20,980	18,249	14,391	19,941	19,886	20,013	20,132	20,583	17,512	15,009	21,596	21,750	20,299	-
1000	21,701	21,852	21,423	18,702	14,841	20,343	20,423	20,400	20,972	21,057	17,841	15,651	22,171	22,109	20,457	-
1100	21,903	22,528	21,849	18,549	15,169	20,570	20,784	20,877	21,397	21,304	17,564	16,178	22,450	22,365	20,488	-
1200	22,425	23,307	22,181	18,314	15,536	20,821	21,030	21,268	21,771	21,528	17,366	16,839	23,013	22,500	20,434	-
1300	23,035	23,669	22,745	17,991	15,476	21,221	21,273	21,663	21,991	21,995	17,111	17,370	23,509	22,192	20,560	-
1400	23,194	23,884	22,804	17,657	15,561	21,147	21,357	21,669	22,026	21,583	16,759	17,600	23,545	21,968	20,585	-
1500	23,616	24,171	23,103	17,454	15,963	20,646	21,299	21,803	22,088	21,642	16,512	17,763	23,231	21,714	20,131	-
1600	24,191	24,443	23,123	16,956	16,434	20,604	21,323	21,907	22,434	21,483	16,537	18,316	23,225	21,387	20,001	-
1700	23,755	24,349	22,157	16,916	16,449	20,064	21,177	21,744	22,033	20,806	16,767	18,427	23,360	21,100	19,652	-
1800	23,533	23,873	21,553	16,400	16,141	19,853	20,905	21,181	21,627	20,382	16,393	18,381	23,445	21,028	19,587	-
1900	22,810	23,140	21,761	16,325	16,091	19,758	20,762	20,796	21,638	20,071	16,602	19,094	23,541	20,861	19,805	-
2000	23,152	23,440	22,224	16,930	17,047	20,225	21,302	20,929	21,778	20,473	17,145	19,242	23,645	20,961	19,922	-
2100	21,934	22,235	21,568	16,260	16,759	19,299	20,016	19,856	20,658	19,611	16,625	18,612	22,380	19,989	19,138	-
2200	20,336	20,673	20,177	15,454	15,863	18,008	18,606	18,433	19,134	18,213	15,940	17,790	20,905	18,739	17,913	-
2300	18,874	19,112	18,460	14,504	15,788	16,833	17,277	17,364	17,935	16,630	15,293	17,561	19,455	17,689	16,822	-
2400	17,884	18,267	17,031	13,800	15,384	16,151	16,479	16,733	17,371	15,581	14,665	17,085	18,528	16,890	16,472	-
Total	493,589	485,341	489,586	398,966	356,576	448,432	459,393	462,657	472,232	462,744	388,039	390,742	501,863	483,810	452,427	-
											Maximum	30,813	Minimum	12,430	Grand Total	14,321,678

Napoleon Peak Day Load Curve





Omega Joint Venture Two

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: 189861
INVOICE DATE: 10/12/2015
DUE DATE: 10/22/2015
TOTAL AMOUNT DUE: \$535.30
CUSTOMER NUMBER: 5020
CUSTOMER P.O. #:

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 *	\$0.000000 / kWh =	\$0.00
SERVICE FEES:	0 kWh *	\$0.000000 / kWh =	\$0.00
Fuel Costs that were not recovered through Energy Sales to Market		=	\$127.35

TOTAL CHARGES **\$535.30**

* To avoid a delayed payment charge, payment must be made to provide



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**

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

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.

Debt Service - OMEGA JV5

FOR THE MONTH/YEAR OF: October, 2015

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

Total OMEGA JV5 Financing Invoice: \$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

AMOUNT DUE FOR : October, 2015 - Electric Fixed \$1,187.34

TOTAL CHARGES

\$1,187.34

BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - NOVEMBER, 2015															
NOVEMBER, 2015															
2015 - NOVEMBER BILLING WITH OCTOBER 2015 DATA BILLING UNITS															
Class and/or Schedule	Rate Code	Oct-15	Oct-15	Oct-15	Billed kVA of Demand	Cost / kWH For Month	Cost / kWH Prior 12 Mo Average	Nov-14	Nov-14	Nov-14	Cost / kWH For Month	Dec-14	Dec-14	Dec-14	Cost / kWH For Month
		# of Bills	(kWh Usage)	Billed				# of Bills	(kWh Usage)	Billed		# of Bills	(kWh Usage)	Billed	
Residential (Dom-In)	E1	3,342	2,616,403	\$258,762.94	0	\$0.0989	\$0.1074	3,334	1,789,710	\$174,204.06	\$0.0973	3,346	1,866,759	\$218,367.57	\$0.1157
Residential (Dom-In) w/Ecosmart	E1E	10	6,667	\$668.28	0	\$0.1002	\$0.1093	10	4,548	\$451.85	\$0.0994	10	4,518	\$534.82	\$0.1184
Residential (Dom-In - All Electric)	E2	611	420,610	\$42,035.32	0	\$0.0999	\$0.1060	607	321,736	\$31,363.88	\$0.0975	608	446,610	\$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
Total 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	\$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	2,854	\$313.96	0	\$0.1100	\$0.1181	4	2,281	\$247.39	\$0.1085	4	2,638	\$329.81	\$0.1250
Residential (Rural-Out - All Electric)	ER2	388	429,237	\$45,060.90	0	\$0.1050	\$0.1117	388	355,009	\$36,140.53	\$0.1018	389	449,552	\$53,244.09	\$0.1184
Res.(Rural-Out - All Electric) w/Ecosmar	ER2E	2	1,268	\$141.65	0	\$0.1117	\$0.1147	2	1,138	\$123.39	\$0.1084	2	1,634	\$199.40	\$0.1220
Residential (Rural-Out w/Dmd)	ER3	15	20,298	\$2,093.89	147	\$0.1032	\$0.1084	14	13,759	\$1,388.97	\$0.1009	14	71,601	\$7,966.97	\$0.1113
Residential (Rural-Out - All Electric w/Dm	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
Total 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
Commercial (1 Ph-In - No Dmd)	EC2	77	46,878	\$6,031.02	17	\$0.1287	\$0.1351	73	45,563	\$5,519.36	\$0.1211	75	46,396	\$6,779.56	\$0.1461
Commercial (1 Ph-Out - No Dmd)	EC2O	42	7,182	\$1,288.03	0	\$0.1793	\$0.1707	43	8,801	\$1,415.91	\$0.1609	42	9,447	\$1,706.71	\$0.1807
Total Commercial (1 Ph) No Dmd		119	54,060	\$7,319.05	17	\$0.1354	\$0.1411	116	54,364	\$6,935.27	\$0.1276	117	55,843	\$8,486.27	\$0.1520
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)	EC1O	24	31,736	\$3,922.40	164	\$0.1236	\$0.1287	25	33,388	\$3,985.67	\$0.1194	25	32,704	\$4,693.80	\$0.1435
Total 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
Commercial (3 Ph-Out - No Dmd)	EC4O	2	40	\$40.37	7	\$1.0093	\$0.1339	2	40	\$40.09	\$1.0023	2	40	\$41.09	\$1.0273
Total 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
Commercial (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	\$0.1163	36	306,434	\$32,879.46	\$0.1073	38	524,679	\$65,067.80	\$0.1240
Commercial (3 Ph-In - w/Dmd.&Sub-St.C	EC3S	2	186,840	\$18,491.86	683	\$0.0990	\$0.1083	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000
Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	3	225,600	\$21,815.93	587	\$0.0967	\$0.1075	2	120,160	\$11,063.64	\$0.0921	3	159,780	\$18,732.40	\$0.1173
Commercial (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
Total 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
Large Power (In - w/Dmd & Rct)	EL1	21	2,879,666	\$240,200.95	6373	\$0.0834	\$0.0917	24	2,591,081	\$200,872.89	\$0.0775	22	2,483,728	\$244,551.79	\$0.0985
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	1	919,537	\$66,154.60	1525	\$0.0719	\$0.0794	2	12,720	\$2,997.45	\$0.2356	2	17,880	\$4,168.43	\$0.2331
Large Power (Out - w/Dmd & Rct)	EL1O	0	0	\$0.00	0	\$0.0000	\$0.0966	1	63,000	\$6,085.29	\$0.0966	0	0	\$0.00	\$0.0000
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	1	296,400	\$27,432.02	837	\$0.0926	\$0.0978	2	366,000	\$31,417.43	\$0.0858	1	332,400	\$34,789.33	\$0.1047
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	78,359	\$12,388.66	504	\$0.1581	\$0.1196	2	71,671	\$5,616.55	\$0.0784	2	77,443	\$7,320.50	\$0.0945
Total 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
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,179,109	\$83,199.02	2054	\$0.0706	\$0.0798	2	1,842,351	\$124,832.49	\$0.0678	2	1,875,524	\$166,544.17	\$0.0888
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	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
Total 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
Interdepartmental (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
Interdepartmental (Out - No Dmd)	ED1O	0	0	\$0.00	0	\$0.0000	\$0.0919	1	0	\$0.00	\$0.0000	1	0	\$0.00	\$0.0000
Interdepartmental (Out - w/Dmd)	ED2O	2	961	\$128.94	0	\$0.1342	\$0.1406	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000
Interdepartmental (In - w/Dmd)	ED2	27	22,259	\$2,753.37	0	\$0.1237	\$0.0934	20	199,883	\$16,419.24	\$0.0821	20	225,359	\$22,712.43	\$0.1008
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	207,274	\$20,069.48	561	\$0.0968	\$0.1057	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000
Interdepartmental (Street Lights)	EDSL	7	62,879	\$5,848.05	0	\$0.0930	\$0.0930	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000
Interdepartmental (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
Generators (JV2 Power Cost Only)	GJV2	1	15,735	\$630.97	27	\$0.0401	\$0.0000	1	16,092	\$575.77	\$0.0358	1	18,411	\$706.80	\$0.0384
Generators (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
Total Interdepartmental		71	368,517	\$34,747.05	766	\$0.0943	\$0.0922	71	316,064	\$24,859.20	\$0.0787	71	373,464	\$35,911.13	\$0.0962
SUB-TOTAL CONSUMPTION & DEMAND		5,885	14,551,047	\$1,344,030.05	26,200	\$0.0924	\$0.1000	5,863	11,834,524	\$1,029,646.22	\$0.0870	5,877	12,410,555	\$1,333,186.64	\$0.1074
Street Lights (In)	SLO	15	0	\$13.59	0	\$0.0000	\$0.0000	15	0	\$13.59	\$0.0000	15	0	\$13.59	\$0.0000
Street Lights (Out)	SLOO	2	0	\$0.77	0	\$0.0000	\$0.0000	2	0	\$1.92	\$0.0000	2	0	\$0.77	\$0.0000
Total Street Light Only		17	0	\$14.36	0	\$0.0000	\$0.0000	17	0	\$15.51	\$0.0000	17	0	\$14.36	\$0.0000
TOTAL 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

Table with columns: BILLING SUMMARY AND CO., NOVEMBER, 2015, 2015 - NOVEMBER BILLING WITH OCTOBER 201, Class and/or Schedule, Rate Code, # of Bills, Jan-15 (kWh Usage, Billed, For Month), Cost / kWh, Feb-15 (# of Bills, kWh Usage, Billed, For Month), Cost / kWh, Mar-15 (# of Bills, kWh Usage, Billed, For Month), Cost / kWh, Apr-15 (# of Bills, kWh Usage, Billed, For Month), Cost / kWh. Rows include Residential (Domestic), Residential (Rural), Commercial (1 Ph No Dmd), Commercial (1 Ph w/Demand), Commercial (3 Ph No Dmd), Commercial (3 Ph w/Demand), Large Power, Industrial, Interdepartmental, and SUB-TOTAL CONSUMPTION & DEMAND.

BILLING SUMMARY AND CO

DETERMINANTS

DETERMINANTS

NOVEMBER, 2015

2015 - NOVEMBER BILLING WITH OCTOBER 201

Class and/or Schedule	Rate Code	Sep-15		Oct-15		Oct-15		TOTAL		Avg. Cost Per kWh	Avg. Num. of Bills	Avg. Per. % of Bills
		Billed	Cost / kWh For Month	# of Bills	(kWh Usage)	Billed	Cost / kWh For Month	KWH USAGE PRIOR 12 MO	TOTAL BILLING PRIOR 12 MO			
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	\$0.1074	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	\$0.1093	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	\$0.1060	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) w/Ecosmart	ER1E	\$347.44	\$0.1139	4	2,854	\$313.96	\$0.1100	32,953	\$3,891.14	\$0.1181	4	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	\$0.1117	388	6.5706%
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	\$157.93	\$0.1154	2	1,268	\$141.65	\$0.1117	22,686	\$2,601.96	\$0.1147	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	\$0.1084	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	\$0.1707	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%
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	\$0.1331	260	4.4002%
Commercial (1 Ph-Out - w/Demand)	EC1O	\$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	\$0.1153	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	\$0.1163	39	0.6528%
Commercial (3 Ph-In - w/Dmd.&Sub-St.C	EC3S	\$20,921.37	\$0.1021	2	186,840	\$18,491.86	\$0.0990	1,140,000	\$123,409.58	\$0.1083	2	0.0311%
Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	\$11,944.61	\$0.1121	3	225,600	\$21,815.93	\$0.0967	1,791,680	\$192,528.90	\$0.1075	3	0.0495%
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	\$414.79	\$0.1265	1	4,720	\$498.23	\$0.1056	29,360	\$3,497.35	\$0.1191	1	0.0170%
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	\$66,154.80	\$0.0719	6,883,803	\$546,828.40	\$0.0794	1	0.0184%
Large Power (Out - w/Dmd & Rct)	EL1O	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	63,000	\$6,085.29	\$0.0966	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	\$0.0978	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)	EI1	\$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)	EI2	\$93,848.76	\$0.0740	1	1,186,209	\$83,569.80	\$0.0705	13,047,645	\$1,011,399.47	\$0.0775	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	45,505	\$4,669.28	\$0.1026	1,287,915	\$124,345.54	\$0.0965	35	0.5878%
Interdepartmental (Out - No Dmd)	ED1O	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	253	\$23.26	\$0.0919	1	0.0113%
Interdepartmental (Out - w/Dmd)	ED2O	\$141.76	\$0.1372	2	961	\$128.94	\$0.1342	3,704	\$520.86	\$0.1406	1	0.0113%
Interdepartmental (In - w/Dmd)	ED2	\$3,193.85	\$0.1268	27	22,259	\$2,753.37	\$0.1237	2,411,971	\$225,210.46	\$0.0934	23	0.3886%
Interdepartmental (3Ph-In - w/Dmd)	ED3	\$21,275.17	\$0.1056	11	207,274	\$20,069.48	\$0.0968	793,755	\$83,887.82	\$0.1057	4	0.0622%
Interdepartmental (Street Lights)	EDSL	\$5,850.15	\$0.0930	7	62,879	\$5,848.05	\$0.0930	251,516	\$23,398.50	\$0.0930	2	0.0396%
Interdepartmental (Traffic Signals)	EDTS	\$153.18	\$0.0924	14	1,707	\$157.86	\$0.0925	6,822	\$629.83	\$0.0923	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 & DEMAND		\$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	\$0.0000	0	\$10.39	\$0.0000	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 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%



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

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



AMERICAN MUNICIPAL POWER INC
ATTN TREASURY DEPT
1111 SCHROCK RD
COLUMBUS OH 43229

QUESTIONS?

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

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CN-OH-W6CT
425 WALNUT ST.
CINCINNATI, OH 45202
Phone 614-849-3402
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Analyst:
CAROLYN KETCHMARK
Phone 651-466-6197



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

This statement is for the period from
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



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

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

ASSET DETAIL AS OF 09/30/15

Shares or Face Amount	Security Description	Market Value/ Price	Tax Cost/ Unit Cost	% of Total Yield at Market	Est Ann Inc
Cash Equivalents					
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 Cash 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 Assets		\$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 NAPOLEON OHIO
STABILIZATION FUND**

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

CASH SUMMARY

	Income Cash	Principal Cash	Total 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



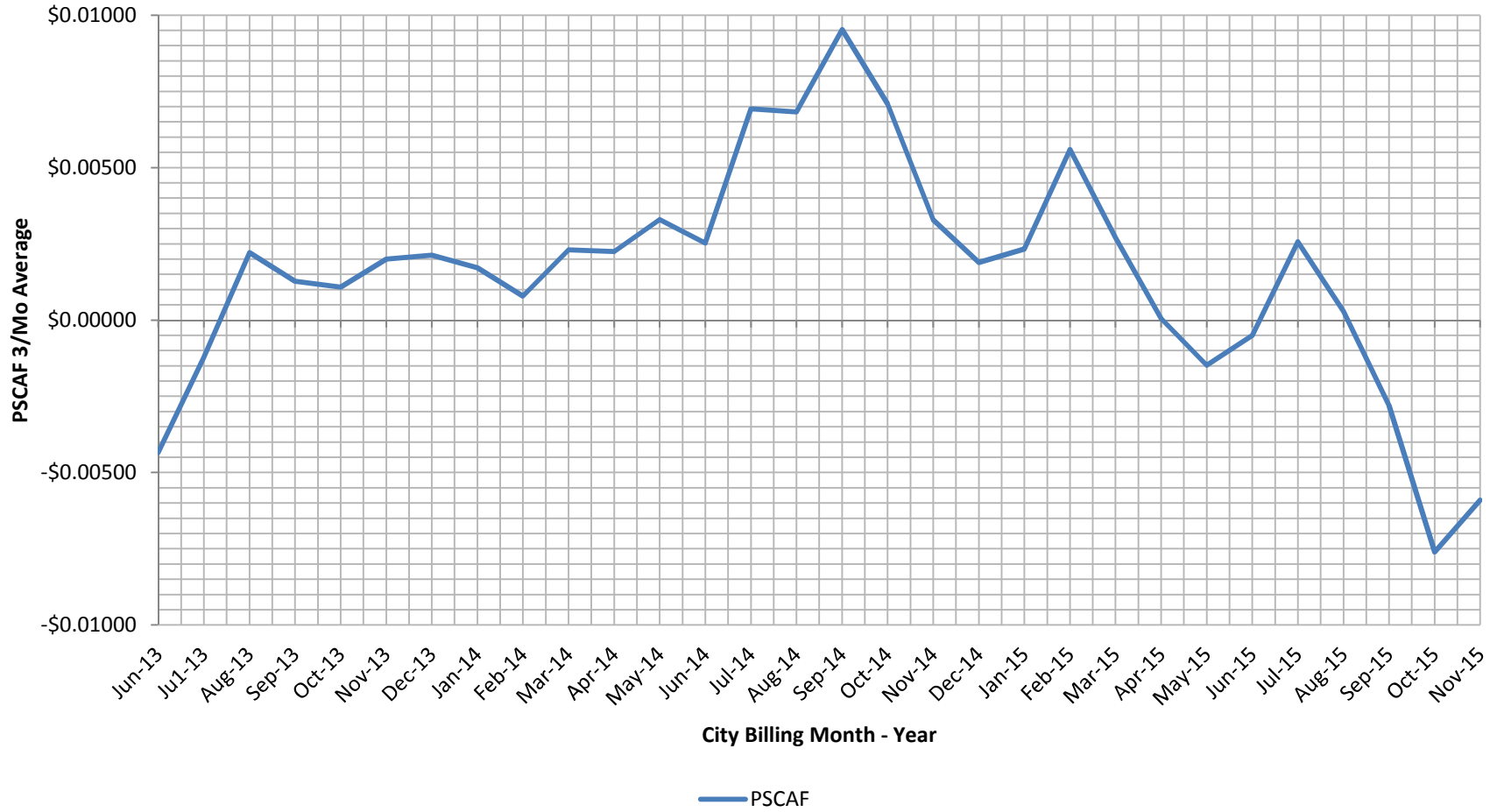
ACCOUNT NUMBER: 12-6239-05
AMERICAN MUNICIPAL POWER, INC.
RATE STABILIZATION FUND FOR
THE CITY OF NAPOLEON OHIO
STABILIZATION FUND

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

TRANSACTION 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

Power Supply Cost Adjustment Factor - PSCAF





2015 NOVEMBER - ELECTRIC PSCAF - BILLING COMPARISONS TO PRIOR PERIODS										
Rate Comparisons to Prior Month and Prior Year for Same Period										
			<i>Current</i>	<i>Prior Month</i>	<i>Prior Year</i>			<i>Current</i>	<i>Prior Month</i>	<i>Prior Year</i>
	<i>Service</i>	<i>Service</i>	<i>November</i>	<i>October</i>	<i>November</i>	<i>Service</i>	<i>Service</i>	<i>November</i>	<i>October</i>	<i>November</i>
Customer Type	Usage	Units	2015 Rate	2015 Rate	2014 Rate	Usage	Units	2015 Rate	2015 Rate	2014 Rate
<i>Customer Type -></i>	RESIDENTIAL USER - (w/Gas Heat)					RESIDENTIAL USER - (All Electric)				
Customer Charge			\$6.00	\$6.00	\$6.00			\$6.00	\$6.00	\$6.00
Distribution Energy Charge			\$20.93	\$20.93	\$16.53			\$33.39	\$33.39	\$33.39
Distribution Demand Charge										
Power Supply Energy Charge	978	kWh	\$71.20	\$71.20	\$63.19	1,976	kWh	\$143.85	\$143.85	\$127.67
Power Supply Demand Charge										
PSCAF - Monthly Factor	978	kWh	-\$5.78	-\$7.44	\$0.00	1,976	kWh	-\$11.68	-\$15.04	\$0.00
kWH Tax- Level 1	978	kWh	\$4.55	\$4.55	\$4.55	1,976	kWh	\$9.19	\$9.19	\$9.19
kWH Tax- Level 2										
kWH Tax- Level 3										
Total Electric			\$96.90	\$95.24	\$90.27			\$180.75	\$177.39	\$176.25
Water	6	CCF	\$41.37	\$41.37	\$39.57	11	CCF	\$66.37	\$66.37	\$63.07
Sewer (w/Stm.Sew. & Lat.)	6	CCF	\$64.63	\$64.63	\$54.58	11	CCF	\$90.08	\$90.08	\$76.78
Storm Water (Rate/ERU)			\$9.50	\$9.50	\$9.50			\$9.50	\$9.50	\$9.50
Refuse (Rate/Service)			\$18.00	\$18.00	\$18.00			\$18.00	\$18.00	\$18.00
Sub-Other Services			\$133.50	\$133.50	\$121.65			\$183.95	\$183.95	\$167.35
Total Billing - All Services			\$230.40	\$228.74	\$211.92			\$364.70	\$361.34	\$343.60
<i>Verification Totals-></i>			\$230.40	\$228.74	\$211.92			\$364.70	\$361.34	\$343.60
				<i>Cr.Mo to Pr.Mo</i>	<i>Cr.Yr to Pr.Yr</i>				<i>Cr.Mo to Pr.Mo</i>	<i>Cr.Yr to Pr.Yr</i>
Dollar Chg.to Prior Periods				\$1.66	\$18.48				\$3.36	\$21.10
% Inc/Dec(-) to Prior Periods				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	\$0.08920
% 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	\$31.53500
Cost/GALLONS - Water	4,488	GAL	\$0.00922	\$0.00922	\$0.00882	1,496	GAL	\$0.04436	\$0.04436	\$0.04216
% 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	\$38.39000
Cost/GALLON - Sewer	4,488	GAL	\$0.01440	\$0.01440	\$0.01216	1,496	GAL	\$0.06021	\$0.06021	\$0.05132
% Inc/Dec(-) to Prior Periods				0.00%	18.41%				0.00%	17.32%
<i>(Listed Accounts Assume SAME USAGE for kWh and Water (CCF) for All Billing Periods)</i>										
<i>(One "1" Unit CCF of Water = "Hundred Cubic Foot" = 748 Gallons)</i>										

<u>2015 NOVEMBER - ELECTRIC</u>			<u>RATE REVIEW COMPARISONS - Current to Prior Month and Prior Year</u>							
Rate Comparisons to Prior Month at										
			<i>Current</i>	<i>Prior Month</i>	<i>Prior Year</i>			<i>Current</i>	<i>Prior Month</i>	<i>Prior Year</i>
	Service	Service	November	October	November	Service	Service	November	October	November
<u>Customer Type</u>	<u>Usage</u>	<u>Units</u>	<u>2015 Rate</u>	<u>2015 Rate</u>	<u>2014 Rate</u>	<u>Usage</u>	<u>Units</u>	<u>2015 Rate</u>	<u>2015 Rate</u>	<u>2014 Rate</u>
<i>Customer Type -></i>	<u>COMMERCIAL USER - (3 Phase w/Demand)</u>					<u>INDUSTRIAL USER - (3 Phase w/Demand)</u>				
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								\$3,087.71	\$3,087.71	\$3,087.71
Total Electric			\$760.77	\$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			\$66,779.96	\$65,381.20	\$60,281.84
				<i>Cr.Mo to Pr.Mo</i>	<i>Cr.Yr to Pr.Yr</i>				<i>Cr.Mo to Pr.Mo</i>	<i>Cr.Yr to Pr.Yr</i>
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	866,108	kWh	\$0.07317	\$0.07155	\$0.06600
% Inc/Dec(-) to Prior Periods				1.59%	8.66%				2.26%	10.86%
Cost/CCF - Water	6	CCF	\$22.26167	\$22.26167	\$21.01167	250	CCF	\$6.04204	\$6.04204	\$5.68204
Cost/GALLONS - Water	4,488	GAL	\$0.02976	\$0.02976	\$0.02809	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	250	CCF	\$6.24996	\$6.24996	\$5.43976
Cost/GALLON - Sewer	4,488	GAL	\$0.03626	\$0.03626	\$0.03096	187,013	GAL	\$0.00835	\$0.00835	\$0.00727
% Inc/Dec(-) to Prior Periods				0.00%	17.13%				0.00%	14.89%
<i>(Listed Accounts Assume SAME USA)</i>										
<i>(One "1" Unit CCF of Water = "Hundre</i>										