Memorandum

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

Subject: General Information

Date: July 08, 2016

CALENDAR

Monday, July 11, 2016

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

Agenda:

- 1. Approval of Minutes the June 13, 2016 minutes are attached.
- 2. Review/Approval of the *Power Supply Cost Adjustment Factor for July, 2016* the reports are enclosed.
- 3. Electric Department Report for June 2016 is attached.
- 4. Review of the Net Metering Policy a copy of Ordinance No. 056-12 is enclosed.

@7:00 pm Municipal Properties/ED Committee

- 1. *Approval of Minutes* the meeting from the May 9, 2016 meeting are attached.
- 2. Review of CIC Agreement due to the Resignation of Director Amanda Griffith enclosed is a copy of the agreement between the City and the CIC.
- 3. Review of the Notification Requirements Tied to Rezoning
- 4. Discussion of City Manager's Traffic Flow Alterations

Tuesday, July 12, 2016

Board of Zoning Appeals @4:30 pm

WEDNESDAY, JULY 13, 2016

Preservation Commission @8:30 am

REGULARLY SCHEDULED MEETINGS FOR THIS WEEK THAT HAVE BEEN CANCELED

- 1. Water/Sewer Committee
- 2. Planning Commission

INFORMATIONAL ITEMS

- 1. TMACOG: (a) 2016 Summer Caucus and Forum with State Lawmakers; (b) TMACOG Big Picture/July 2016
- 2. AMP Weekly Update/July 8, 2016

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	HOLIDAY - Offices Closed	7:00 PM City Council Meeting	6:00 PM River City Rodders			
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	6:30 PM Electric	4:30 PM Board of Zoning	8:30 AM Preservation	-	7:00 PM Rally in the Alley	
	Committee/BOPA Meeting	Appeals Meeting	Commission Mtg.		7.00 I WI Kany III the Alley	
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	7:00 PM Municipal Properties/ED Committee		1			
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City of Napoleon, Ohio Electric Committee

Meeting Agenda Monday, July 11, 2016 at 6:30pm

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

- I. Approval of Minutes from June 13, 2016 (In the absence of any objections or corrections, the Minutes shall stand approved)
- II. Review/Approval of the Power Supply Cost Adjustment Factor for July, 2016:

PSCAF three (3) month averaged factor: 0.00821

JV2: 0.013792 JV5: 0.013792

- III. Electric Department Report
- IV. Review of the Net Metering Policy
- 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, June 13, 2016 at 6:30pm

PRESENT

Members

Board of Public Affairs

City Staff

Travis Sheaffer, Chair; Patrick McColley, Dan Baer Mike DeWit - Chair, Dr. David Cordes, Nick Frysinger

Iason P. Maassel, Mayor

Gregory J. Heath, Finance Director/Clerk of Council

Recorder Others

Greg Kuhlman, Electric Construction Supervisor

Anne Taylor

ABSENT Monica S. Irelan, City Manager

Lisa L. Nagel, Law Director

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

Approval Of Minutes The May 9, 2016 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 June, 2016 was

presented for review.

PSCAF three (3) month averaged factor: 0.00324

JV2: 0.017896 IV5: 0.017896

Discussion

Cordes asked if there was anything specific causing the increase in rates with Heath stating that the hydro usage has increased and the City did utilize the levelization schedule using 145,000 as credit. Heath added that had the levelization not been used the rate would have been higher. Cordes asked Kuhlman what caused the power outage at the City's solar field with Kuhlman advising that a squirrel was on the reclosure and started

a fire.

Motion To Accept BOPA Recommendation For Approval Of Power Supply Cost Adjustment Factor

Motion: McCollev Second: Baer

To accept the BOPA recommendation to approve the Power Supply Cost

Adjustment Factor for June, 2016 as follows:

PSCAF three (3) month averaged factor: 0.00324

JV2: 0.017896 IV5: 0.017896

Passed Yea-3 Nav-0

Roll call vote on above motion: Yea- McColley, Baer, Sheaffer

Nay-

Greg Kuhlman, Electric Construction Supervisor presented the Electric **Electric Department Report** Department Report. See Attached **Any Other Matters To Come** None **Before The Board Any Other Matters Assigned To** None The Committee **Electric Motion To Adjourn** Motion: McColley Second: Baer To adjourn the Electric Committee meeting at 6:39 pm **Passed** Roll call vote on above motion: Yea- McColley, Baer, Sheaffer Yea-3 Nay- 0 Nay-

Date

Travis Sheaffer, Chair

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	<u> </u>	DETERM	MINATION OF	MONTHLY - PO	NER SUPPLY	CO	ST ADJUS	TMENT FAC	<u>TOR (PSCAF)</u>	
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AMP		City	Power				Rolling	Less: Fixed	PSCA	PSCAF
Billed	City	Net	Supply Cost	s Rolling 3-N	onth Totals		3 Month	Base Power	Dollar	3 MONTH
Usage	Billing	kWh	(*Net of Know		rior 2 Months		Average	Supply	Difference	AVERAGED
Month	Month	Delivered	(Credit's)	kWh	Cost		Cost	Cost	+ or (-)	FACTOR
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uly 14 lug '14	Oct '14				\$ 3,405,331.48	\$	0.07854	\$ (0.07194)		
Sept '14	Nov '14				\$ 3,172,329.38	\$	0.07500	\$ (0.07194)		
Oct '14	Dec '14		\$ 1,007,380.9			\$	0.07369	\$ (0.07194)		
Nov '14	Jan '15					\$	0.07411	\$ (0.07194)		
Dec '14	Feb '15				\$ 3,133,373.63	\$	0.07714	\$ (0.07194)		
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Feb '15	April '15					\$	0.07199	\$ (0.07194)		
March '15	May '15					\$	0.07056	\$ (0.07194)	\$ (0.00138)	-
	June '15				8	\$	0.07147	\$ (0.07194)		
April '15	July '15					\$	0.07433	\$ (0.07194)		
May '15	Aug '15					\$	0.07221	\$ (0.07194)		
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Jul '15	Oct '15			<u> </u>	1	*****	0.06486	\$ (0.07194)	\$ (0.00708)	•
Aug '15	Nov '15	4					0.06644	\$ (0.07194)	(0.00550)	-
Sept '15	Dec '15	8				1	0.06488	\$ (0.07194)	(0.00706)	-
Oct '15	1				1	-	0.06785	\$ (0.07194)) \$ (0.00409)	\$ (0.0044
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Feb '16	Apr'16				1	_	0.07403	1		\$ 0.0022
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Apr '16	June'16				3,3544					\$ 0.0082
May '16	July'16	11,244,178	\$ 976,900.	/3 30,302,200	Ψ 2,002,70.0	- 1Ψ	Marie Care	7		

BILLING SUMMARY AND CONS	UMPTION f	or BILLING	CYCLE -	JULY, 2016				J-C LEBENAT	
2016 - JULY BILLING WITH JUNE 2016 DATA BI									
PREVIOUS MONTH'S POWER BILLS - P	URCHASED PO	WER KWH A	ND COST ALL	OCATIONS BY	DEMAND & E	NERGY:	MAG. 1.43 11 11 14 14 14 14 14 14 14 14 14 14 14		
<u>DATA PERIOD</u>	MONTH / YR	DAYS IN MONTH	MUNICIPAL PEAR	\$					
AMP-Ohio Bill Month	MAY, 2016	31	24,714						
City-System Data Month	JUNE, 2016	30							
City-Monthly Billing Cycle	JULY, 2016	30	<u></u>						
	220020200000	, 		RKET POWER==				=======H	
(FREEMONT	·	MORGAN STNLY		JV-2		MELDAHL-HYDRO	
PURCHASED POWER-RESOURCES -> (AMP CT			REPLMNT.2015-20		PEAKING	CSW	SCHED. @	SCHED. @
	SCHED. @ ATSI	SCHEDULED	REPLMT@ PJMC		POOL		SCHED. @ PJMC	125.416	GREENUP BUS 93,162
Delivered kWh (On Peak) ->		2,884.956	3,597,702	2,827,200	257,102	350	578.793	125.416	93,102
Delivered kWh (Off Peak) ->					51,304				
Delivered kWh (Replacement/Losses/Offset) ->	+-				1 000 100	L			
Delivered kWh/Sale (Credits) ->					-1,026,165				
Net Total Delivered kWh as Billed ->	2,585	2,884,956	3,597,702	2,827,200	-717,759	350	578,793	125,416	93,162
Percent % of Total Power Purchased->		22.8906%	28.5458%	-	-5.6950%	0.0028%	4.5924%	0.9951%	0.7392%
r breent to or rotal rower rurdiaseo	0.020376	12.030078	20,040070	22.702076	3.000570	5.004070			
COST OF PURCHASED POWER:					-11-110				
DEMAND CHARGES (+Debits)	A A PARAMETER STATE OF THE STAT							1	
Demand Charges	\$34,835.57	\$41,131.77	\$58,851.09			\$837.26	\$8,954.85	\$4,132.27	\$1,325.94
Debt Services (Principal & Interest)		\$44,279.65	\$99,491.04				\$107,162.27	\$15,418.59	\$4,557.30
DEMAND CHARGES (-Credits)									
Transmission Charges (Demand-Credits)	-\$29,649.45					-\$542.45			
Capacity Credit	-\$97,918.61	-\$96,643.27	-\$15,499.31			-\$1,70 3.65	-\$2,461.71	-\$1,295.16	-\$885.65
							4444	440.000.70	44.007.50
Sub-Total Demand Charges	-\$92,732.49	-\$11,231.85	\$142,842.82	\$0.00	\$0.00	-\$1,408.84	\$113,655.41	\$18,255.70	\$4 ,997.59
ENERGY CHARGES (+Debits):									
Energy Charges - (On Peak)	\$234.03	\$77,752.73	\$43,709.44	\$177,972.24	\$9,629.83	\$8.05	\$59.23	-\$2.21	\$119.88
Energy Charges - (Replacement/Off Peak)					\$1,070.58		***************************************	#140 DO	0.40.50
Net Congestion, Losses, FTR		\$1,634.03		<u> </u>	LALETTI VIEW T		\$849.17	\$113.26	\$48.59
Transmission Charges (Energy-Debits)	ļ	ļ	\$19,231.05						
ESPP Charges						640.50	#04 DO 4 DO	#0.440.co	#240.00
Bill Adjustments (General & Rate Levelization)		-\$0.12				\$13.52	-\$31.381.29	-\$8.118.60	\$340.88
ENERGY CHARGES (-Credits or Adjustments):									
Energy Charges - On Peak (Sale or Rate Stabilization)					-\$21,307.42				
Net Congestion, Losses, FTR			ļ			1.5			
Bill Adjustments (General & Rate Levelization)			\$23,110.77				-\$1,157.59	-\$250.83	-\$186.32
Sub-Total Energy Charges	\$234.03	\$79,386.64	\$91,609.05	\$178,425.58	-\$10,607.01	\$21.57	-\$31,630.48	-\$8,258.38	\$323.03
TRANSMISSION & SERVICE CHARGES. MISC.:			1.5					<u> </u>	
RPM / PJM Charges Capacity - (+Debit)									····
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RPM / PJM Charges Capacity - (-Credit) Service Fees AMP-Dispatch Center - (+Debit/-Credit)		<u> </u>							
Service Fees AMP-Dispatch Center - (+Debit-Credit) Service Fees AMP-Part A - (+Debit-Credit)									
Service Fees AMP-Part A - (+Debit-Credit) Service Fees AMP-Part B - (+Debit-Credit)				-		<u> </u>			
Other Charges & Bill Adjustments - (+Debit/-Credit)	 		1	+					
Other Charges & Dill Aujustilients - (TDebit/-Cfedit)									
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL - ALL COSTS OF PURCHASED POWER	-\$92,498.46	\$68,154.79	\$234,451.87	\$178,425.58	-\$10,607.01	-\$1,387.27	\$82,024.93	\$9,997.32	\$5,320.62
Purchased Power Resources - Cost per kWH->	-\$35.782770	\$0.023624	\$0.065167	\$0.063110	-\$0.014778	-\$3.963629	\$0.141717	\$0.079713	\$0.057111
Fulcinasau Fower Resources - Cost per KWII->	-900,702170	40.023024	40.005767	45.005710	53.57.77	Ţ3.000.ZZ			
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BILLING SUMMARY AND CONS									
2016 - JULY BILLING WITH JUNE 2016 DATA BIL	·								
PREVIOUS MONTH'S POWER BILLS - PL									
DATA PERIOD						,			
AMP-Ohio Bill Month									
City-System Data Month									
City-Monthly Billing Cycle									
City-ivioliting Billing Cycle			====WIND====	===SOLAR===	===TRANSMISS	ION. SERVICE F	EES & MISC. CO	NTRACTS===	41.383.5
- Consider Annual Control of the Con	NYPA	JV-5	JV-6	AMP SOLAR	FEFNCY SMART	TRANSMISSION	SERVICE FEES	MISCELLANEOUS	TOTAL -
PURCHASED POWER-RESOURCES -> (HYDRO	HYDRO	WIND	PHASE 1	POWER PLANT		DISPATCH, A & B		ALL
PURCHASED POWER-RESOURCES -> [7x24 @ ATSI		SCHED. @ ATSI	2014 - 2017	Other Charges	Other Charges	LEVELIZATION	RESOURCES
<u></u>	SCHED. @ NYIS	2,297,472	33,234					0	13,544,574
Delivered kWh (On Peak) ->		2,291,412	33,234	700,010		<u> </u>			51,304
Delivered kWh (Off Peak) ->		22 540							33,540
Delivered kWh (Replacement/Losses/Offset) ->		33,540		ļ			ļ		-1,026,165
Delivered kWh/Sale (Credits) ->								22,200	-1,020.100
Net Total Delivered kWh as Billed ->	707,987	2,331,012	33,234	138,615	0	0	0	0	12,603,253
		18.4953%	0.2637%	1.0998%	1-1	0.0000%	0.0000%	0.0000%	100.0000%
Percent % of Total Power Purchased->	3.01/3%	10.4903%	0.203776	1,033070	0.000078	0.00070		Verification Total - >	100.0000%
COST OF PURCHASED POWER:	 			 	ļ	<u> </u>			
		_,,				<u> </u>			
DEMAND CHARGES (+Debits) Demand Charges	\$6,189.19	\$35,332.94	\$1,576.48		1	\$110,910.42			\$304,077.78
	90,109,19	\$55,381.81	Ψ1,070.40		<u>i</u>	2.70.0.0.		1	\$326,290.66
Debt Services (Principal & Interest)		10.106,600			 		 		
	J						<u> </u>	L	
DEMAND CHARGES (-Credits)		044.000.00	£447.07				 		-\$41,612,17
Transmission Charges (Demand-Credits)		-\$11,302.60	-\$117.67	4		<u> </u>			-\$257,881.01
Capacity Credit	-\$6,810,70	-\$33,531.82	-\$1,131.13						-\$X.57,001.07
	#C04 E4	£45 000 33	\$327.68	\$0.00	\$0.00	\$110,910.42	\$0.00	\$0.00	\$330,875.26
Sub-Total Demand Charges	-\$621.51	\$45,880.33	\$327.00	\$0.00	40.00	\$110,010.42	1	7000	
ENERGY CHARGES (+Debits):					1				
Energy Charges - (On Peak)	\$9,136.78	\$55,210.55		\$11,782.25		\$5,093.85	5	1	\$390,706.65
Energy Charges - (Replacement/Off Peak)							1		\$1,070.58
Net Congestion, Losses, FTR	\$1,607.33								\$10,263.51
Transmission Charges (Energy-Debits)	01,001.00			·	 			,	\$19,231.0
ESPP Charges	4			1	\$17,863.18	1	i		\$17,863.18
					1			-\$90,000.00	-\$129,145.61
Bill Adjustments (General & Rate Levelization)						1			···
ENERGY CHARGES (-Credits or Adjustments):			ļ						
Energy Charges - On Peak (Sale or Rate Stabilization)									-\$21,307.42
Net Congestion, Losses, FTR			1						\$0.00
Bill Adjustments (General & Rate Levelization)	\$8,471.48				1	,,,,,			\$29,987.5°
on rigidourous (control of the Rotonson)									4010 000
Sub-Total Energy Charges	\$19,215.59	\$55,210.55	\$0.00	\$11,782.25	\$17,863.18	\$5,093.85	\$0.00	-\$90,000.00	\$318,669.45
TRANSMISSION & SERVICE CHARGES, MISC.:			\$					1	
RPM / PJM Charges Capacity - (+Debit)	-			-	<u> </u>	\$316.972.66	3		\$316,972.6
RPM / PJM Charges Capacity - (*Debit) RPM / PJM Charges Capacity - (-Credit)				!	ļ				\$0.0
Service Fees AMP-Dispatch Center - (+Debit/-Credit)					<u> </u>		\$128.58		\$128.5
							\$2,921.91	<u> </u>	\$2,921.9
Service Fees AMP-Part A - (+Debit/-Credit)							\$7,332.87		\$7,332.8
Service Fees AMP-Part B - (+Debit/-Credit)			<u> </u>	1		-	W1,002.01		\$0.0
Other Charges & Bill Adjustments - (+Debit/-Credit)									40.0
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$316,972.66	\$10,383.36	\$0.00	\$327,356.0
TOTAL - ALL COSTS OF PURCHASED POWER	\$18,594.08	\$101,090.88	\$327.68	\$11,782.25	\$17,863.18	\$432,976.93	\$10,383.36	-\$90,000.00	\$976,900.7
TOTAL - MEL COSTS OF FUNCTIMOLD FOWER	₩10,03 4 .00	V.01,030.00	, , , , , , , , , , , , , , , , , , ,	71777	4			Verification Total - >	\$976,900.7
Purchased Power Resources - Cost per kWH-		<u> </u>	+						\$0.07751
1 FUIUIGSEU FUNCI RESUUICES " VUSI DEI KVID"	> \$0.026263	\$0.043368	\$0.009860)	\$0.000000				40.077017
	\$0.026263	\$0.043368	(No	rthern Pool Power	On-Peak + Off-Pe	ak - Energy Charge		ric Service Rate - >	\$0.01379 \$0.01379



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:

INVOICE DATE:

DUE DATE:

TOTAL AMOUNT DUE:

CUSTOMER NUMBER:

CUSTOMER P.O. #:

PLEASE WRITE INVOICE NUMBER ON

REMITTANCE AND RETURN YELLOW INVOICE COPY. MAKE CHECK PAYABLE TO AMP.

Northern Power Pool Billing - May, 2016

MUNICIPAL PEAK: TOTAL METERED ENERGY:

24.714 kW 12,642,876 kWh

Total Power Charges:

Total Other Charges:

Total Transmission Charges:

Total Miscellaneous Charges:

\$475,187.88 \$432,976.93

193111

6/15/2016

6/30/2016

5020

RG10046

\$828,548.17

\$10,383.36

-\$90,000.00 \$828,548.17

GRAND TOTAL POWER INVOICE:

Napoleon

May, 2016		Total Metered Load kWh: Transmission Losses kWh: Distribution Losses kWh:	12,642,876 -39,623 0
		Total Energy Req. kWh:	12,603,253
05/27/2016 @ H.E. 16:00		COINCIDENT PEAK KW:	24,610
05/31/2016 @ H.E. 16:00			24,714 30,302
July, 2015		PJM Capacity Requirement kW:	28,312
en enocco	/1/8/*	12.400 kW =	\$34,835.57
· 克· 克· 克· 克· 克· 克· 克· 克尔克克 (1) · · · · · · · · · · · · · · · · · · ·		"我们也是我们的,我们就是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个	\$234.03
\$2.391085	/ kW *	-12,400 kW =	-\$29,649.45
\$7.896662	/ kW *	-12,400 kW =	-\$97,918.61 - \$92,498.4 6
-\$35.789322	/ KVVn -		a ya sukuwa Nesi
\$4.691658	/kW*	8,767 kW =	\$41,131.77 \$77,752.73
C 3 + 12 3 + 1, 402, 31 T T 4 4 3 3 4 3 5		2,884,935 KWn ≒	\$1,634.03
· 大· 金· 金· 克克克特 · 大· 克· 克克利亚 (1)	9 9 9 9 9 9 9	-8.767 kW =	-\$96,643.27
\$5.050719	/kW	8,767 kW	\$44,279.65
		2 004 050 LWh =	-\$0.12 \$68,154.79
\$0.023624	/ KVVn	2,004,330 RVIII -	
\$5,186476	/ kW*	1,727 kW =	\$8,954.85
\$0.000102	/kWh*	578,793 kWh =	\$59.23 \$849.17
in the region to the first of t		-1.727 kW =	-\$2,461.7
\$62,066317	/kW	1,727 kW	\$107,162.2
			-\$31,381.21 -\$1,157.5
60.444747	(MAD *	578.793 kWh =	\$82,024.9
30.141711	I KOUR		ga ara Nobel a agas Nob
\$8.198948	/ kW *	504 kW =	\$4,132.2° -\$2.2
-\$0.000018		125,416 kWn =	-\$2.2 \$113.2
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-504 kW =	-\$1,295.10
\$30.592440	/kW	504 kW	\$15,418.5
			-\$8,118.6 -\$250.8
\$0.079713	/ kWh *	125,416 kWh =	\$9,997.3
	rely i veni i lin		
\$n 302233	/kW*	-300 kW =	-\$117.6
\$3.770433	/ kW *	-300 kW =	-\$1,131.1
-\$0.037576	/ kWh *	33,234 kWh =	-\$1,248.8
\$4,018000	/kW*	330 kW =	\$1,325.9
\$0.001287	/kWh*	93,162 kWh =	\$119.8
\$0,000522	/ kWh *		\$48.5 -\$885.6
	电电子电子 化二氯甲基甲基二氯甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	使机器 医电影 医克雷克氏 医二氯甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	\$4,557.3
913.01000			\$340.8
	Marshaller		-\$186.3 \$5,320.6
\$0.057112	/ kWh *	93,162 KWN =	39,320.0
\$11.826988	/kW*	4,976 kW =	\$58,851.0
\$0.012149	/ kWh *	3,597,703 kWh =	\$43,709.4
\$0.001545		4 OZC LAN	\$5,557.7 -\$15,499.3
			\$99,491.0
\$0.005345	/ kWh	3,597,703 kWh	\$19,231.0 \$23,110.7
\$0.065167	/ kWh *	3,597,703 kWh =	\$234,451.8
		errite, a la vanta i i la cella Maria a ratto Arra a va	eratika sentani
\$6.563298	/kW*	943 kW =	\$6,189. \$9,136.1
		ang ang menggungan kang Ang Ang Ang Ang Ang Ang Ang Ang Ang A	\$1,607
\$7.567444	/ kW *	-900 kW =	-\$6,810
		707.007.140.	\$8,471,4 \$18,594.0
\$0.026263	/ kWh *	/U/,38/ KWR ==	\$ 10,034.1
		3,088 kW	
		2,297,472 kWh	644 000
\$3.660168	/kW.*	-3,088 kW = -3,088 kW =	-\$11,302 -\$33,531
\$10.858750	/kW*		
	05/27/2016 @ H.E. 16:00 05/31/2016 @ H.E. 16:00 July, 2015 \$2,809320 \$0,090550 \$2,391085 \$7,896662 \$35,789322 \$4,691658 \$0,000566 \$11,023528 \$5,050719 \$0,023624 \$5,186476 \$0,000102 \$0,001467 \$1,425775 \$62,066317 \$0,141717 \$8,198948 \$0,000903 \$2,569762 \$30,592440 \$0,0079713 \$0,392233 \$3,770433 \$0,037576 \$4,018000 \$0,001287 \$0,001287 \$0,000522 \$2,683788 \$13,810000 \$0,001287 \$0,000525 \$3,000525 \$1,005245 \$3,11826988 \$0,0012905 \$3,11826988 \$0,001545 \$3,114813 \$19,994180 \$0,005345	05/27/2016 @ H.E. 16:00 05/31/2016 @ H.E. 16:00 July, 2015 \$2,809320	Transmission Losses KWh: Total Energy Req. kWh: TRANSMISSION PEAK kW: TRANSMISSION PEAK kW: TRANSMISSION PEAK kW: TRANSMISSION PEAK kW: TA: A00 kW S. 0.090550 /kWh 2.595 kWh = 2.595 kWh = 4.500 kW 4.767 kW

DETAIL INFORMATION OF POWER CHARGES May , 2016

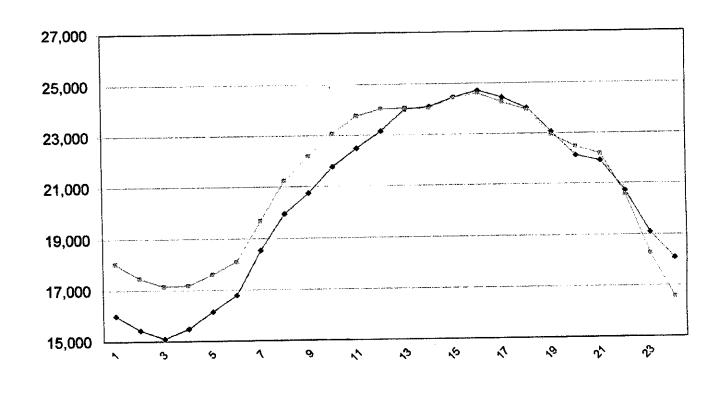
Napoleon

Energy Charge:	#N/A	/ kWh *	33,540 kWh =	\$0,00
Subtotal	****			
V2 - Sched @ ATSI			264 kW	
Demand Charge:	\$0.023030	/ kWh *	350 kWh ≠	\$ 8.05
Energy Charge	\$2.054735	/kW *	-264 kW =	-\$542.45
Transmission Credit:	\$6,453220	/kW*	-264 kW =	-\$ 1,703.65
Capacity Credit Subtotal	-\$6,402801	/ kWh *	350 kWh =	-\$2,238.05
MP Solar Phase I - Sched @ ATSI			1,040 kW	
Demand Charge:	\$0.085000	/ kWh *	138,615 kWh =	\$11,782.2
Energy Charge: Subtotal	\$0.085000	/ kWh *	138,615 kVVh =	\$11,782.2
Norgan Stanley 2015-2020 - 7x24 @ AD Demand Charge:			3,800 kW	
Energy Charge:	\$0.062950	/kWh *	2,827,200 kWh =	\$177,972.2
Net Congestion, Losses, FTR:	\$0.000160	/ kWh *	e finale de la companya de la compa	\$453.34
Subtotal	\$0.063110	/ kWh *	2,827,200 kWh =	\$178,425.5
Efficiency Smart Power Plant 2014-2017	agas e e e especielos	As referenced visiting		847 000 4
ESPP 2014-2017 obligation @ \$1.400 /MWh x 153,113. MWh / 12		grade de la colonia de la colonia.		\$17,863.1
Subtotal	#N/A	/ kWh *	0 kWh =	\$17,863.1
Northern Power Pool:				\$9,629.8
On Peak Energy Charge: (M-F HE 08-23 EDT)	\$0.037455	/kWh *	257,102 kWh =	\$9,629.0 \$1.070.5
Off Peak Energy Charge:	\$0.020867	/ kWh *	51,304 kWh =	-\$21.307.4
Sale of Excess Non-Pool Resources to Pool	\$0.020764	/ kWh *	-1,026,164 kWh =	-\$10,607.0
Subtotal	\$0.014778	/ kWh *	-717,758 kWh =	\$126,836.3
Total Demand Charges:				\$128,030.3 \$348,351.5
Total Energy Charges:				\$475,187.8
Total Power Charges:			12,603,253 kWh	\$410,101.0
TRANSMISSION CHARGES:			30,302 kW =	\$110,910.4
Demand Charge:	\$3.660168	1 kW *	10,305,781 kWh =	\$5,093.6
Energy Charge:	\$0.000494	/ kWh *	28.312 kW =	\$ 316,972.6
RPM (Capacity) Charges:	\$11.195700	/ kW	10,305,781 kWh =	\$432,976.9
TOTAL TRANSMISSION CHARGES:	\$0.042013	/ kWh •	10,303,761 RVIII -	
	*********	/ kWh *	12,642,876 kWh =	\$128.5
Dispatch Center Charges:	\$0,000010	1 88411		
Service Fee Part A,	en nanago	/kWb *	153,112,965 kWh 1/12 =	\$2,921.9
Based on Annual Municipal Sales	\$0.000229	\ VAA1;		
Service Fee Part B.	\$0,000580	/kWh *	12.642,876 kWn =	\$7,332.0
Energy Purchases	\$0.000360			The state of the s
TOTAL ANIPRAMADOEC.				\$10,383.
TOTAL OTHER CHARGES:				
THE REPORT OF THE PARTY OF THE				
MISCELLANEOUS CHARGES:		A compared as a		-\$90,000.0
Deposit / (Withdraw) from RSF account TOTAL MISCELLANEOUS CHARGES:	and the second second			-\$90,000.0
TOTAL MISCELLAREOUS CHARGES.				
GRAND TOTAL POWER INVOICE:		region and a section and a		\$828,548.1

Napoleon	Capacity Plan - Actual										
May	2016 AC	TUAL DEMAND =	24.714	MW							
Days	31 AC	TUAL ENERGY =	12,643	MWH						į.	
•				,	DEMAND	ENERGY				EFFECTIVE	%
		DEMAND	ENERGY	LOAD	RATE	RATE	DEMAND	ENERGY	TOTAL	RATE	OF
	SOURCE	MW	MWH	FACTOR	\$/KW	\$/MWH	CHARGE	CHARGE	CHARGES	\$/MWH	DOLLAR
	(1)	(2)	(4)	(5)	(6)	(7)	(9)	(10)	(11)	(12)	(13)
1	NPP Pool Purchases	0.00	308	0%	\$0.00	\$34.70	\$0	\$10,700	\$10,700	\$34.70	1.0%
2	NPP Pool Sales	0.00	-1,026	0%	\$0.00	\$20.76	\$0	-\$21,307	-\$21,307	\$20.76	-2.0%
3	AFEC	8.77	2,885	44%	-\$1.28	\$27.52	-\$11,232	\$79,387	\$68,155	\$23.62	6.4%
4	Prairie State	4.98	3,598	97%	\$33.35	\$19.04	\$165,954	\$68,498	\$234,452	\$65.17	22.0%
5	NYPA - Ohio	0.94	708	101%	\$8.32	\$15.18	\$7,850	\$10,744	\$18,594	\$26.26	1.7%
6	JV5	3.09	2,297	100%	\$14.86	\$24.03	\$45,880	\$55,211	\$101,091	\$44.00	9.5%
7	JV5 Losses	0.00	34	-0%	\$0.00	\$0.00	\$0	\$0	\$0	\$0.00	0.0%
8	AMP-Hydro	1.73	579	45%	\$46.98	\$1.57	\$81,117	\$908	\$82,025	\$141.72	7.7%
9	Meldahl	0.50	125	33%	\$19.62	\$0.89	\$9,886	\$111	\$9,997	\$79.71	0.9%
10	Greenup	0.33	93	38%	\$15.61	\$1.81	\$5,152	\$168	\$5,321	\$57.11	0.5%
11	JV6	0.30	33	15%	\$1.09	\$0.00	\$328	\$0	\$328	\$9.86	0.0%
12	AMP Solar Phase I	1.04	139	18%	\$0.00	\$85.00	\$0	\$11,782	\$11,782	\$85.00	1.1%
13	Morgan Stanley 2015-2020 7x24	3.80	2,827	100%	\$0.00	\$63.11	\$0	\$178,426	\$178,426	\$63.11	16.8%
14	AMPCT	12.40	3	0%	-\$7.48	\$90.55	-\$92,732	\$234	-\$92,498	-\$35,789.28	-8.7%
15	JV2	0.26	0	0%	-\$5.29	\$23.03	-\$1,395	\$8	-\$1,387	-\$3,968.84	-0.1%
	POWER TOTAL	38.14	12,603	44%		<u> </u>	\$210,807	\$394,871	\$605,677	\$48.06	56.9%
16	Energy Efficiency		0]	\$0.00	\$0.00	\$0	\$17,863	\$17,863	\$0.00	1.7%
17	Installed Capacity	28.31	l		\$11.20		\$316,973	\$0	\$316,973	\$25.07	29.8%
18	TRANSMISSION	30.30	10,306]	\$3.66	\$0.49	\$110,910	\$5,094	\$116,004	\$9.18	10.9%
19	Distribution Charge	24.71			\$0.00	\$0.00	\$0	_ \$0	\$0	\$0.00	0.0%
20	Service Fee B		12,643	7		\$0.58		\$7,333	\$7,333	\$0.58	0.7%
21	Dispatch Charge		12,643			\$0.01		\$129	\$129	\$0.01	0.0%
	OTHER TOTAL						\$427,883	\$30,418	\$458,302	\$36.25	43.1%
GRAND TOTA	L PURCHASED		12,603				\$638,690	\$425,289	\$1,063,979		
Delivered to m	embers	24.714	12,643	69%			\$638,690	\$425,289	\$1,063,979	\$84.16	100.0%
		DEMAND	ENERGY	L.F.	1				TOTAL \$	\$/MWh	Avg Tem
	2016 Forecast	24.51	12,633	69%	1				\$1,139,385	\$90.19	59.6
	2015 Actual	24.75	12,796	69%					\$898,066	\$70.18	63.5
	2014 Actual	24.54	12,648	69%			}		\$910,689	\$72.00	60.5
					L				Actual Temp		59.8

Date	Sunday (5/1/2016	Monday 5/2/2016	Tuesday 5/3/2016	Wednesday 5/4/2016	Thursday :- 5/5/2016	Friday 5/6/2016	Saturday 5/7/2016		Monday 5/9/2016	Tuesday 5/10/2016	Wednesday 5/11/2016	Thursday 5/12/2016	Friday 5/13/2016	Saturday \$ 5/14/2016	Sunday 5/15/2016
Hour	3/1/2010	U/2/2010	0,0,2010	0. 525.0	******										
100	12,832	14,531	15,702	15,293	15,850	15,382	12,266	11,163	14,338	14,958	15,668	14,490	15,254	12,772	12,990
	•	14,801	15,311	15,180	15,712	15,306	11,921	10,792	14,239	14,990	15,425	14,350	14,928	12,611	12,555
200				14,956	15,462	15,161	11,574	10,559	14,255	14,838	14,831	14,364	14,689	12,283	12,206
300		14,843	15,290		15,932	15,552	11,656	10,649	14,524	15,093	15,163	14,434	14,980	12,319	12,162
400		15,182	15,527	15,420				10,855	15,301	15,846	16,018	15,289	15,847	12,796	12,504
500		16,196	16,554	16,245	16,969	16,410	12,212				17,220	16,352	16,864	13,237	12,496
600	12,567	17,762	17,665	17,475	18,174	17,153	12,623	11,085	16,598	16,855				13,929	12,964
700	13,058	18,776	18,401	18,479	18,977	18,205	12,826	11,385	18,025	18,121	18,080	17,539	17,990		13,702
800		19,207	18,798	19,088	19,456	18,704	13,731	12,097	18,861	18,671	18,640	18,604	18,779	14,526	
900		19,581	19,142	19,123	19,602	18,695	14,342	12,501	19,133	19,035	19,036	18,925	18,996	15,069	14,116
1000		19,607	19,236	19.264	19,467	18,642	14,703	12,833	19,124	19,540	18,959	19,199	19,402	15,180	13,941
		19,440	19,074	19,195	19,272	18,540	14,241	13.096	19,056	19,707	18,837	19,405	19,448	15,244	14,353
1100				19,424	19,296	18,793	14,119	12,892	19,201	19,791	18,862	19,553	19,068	14,631	14,335
1200		19,501	18,908			18,744	13,866	12,772	18,934	19,050	18,791	19,812	18,888	14,788	14,492
1300		19,164	18,974	19,476	19,418			12,678	18,693	18,841	18,617	19,750	19.010	14,396	14,118
1400		18,903	18,636	19,293	19,071	18,420	13,725		18,377	18,713	18,377	19.929	18,684	14,548	14,429
1500		18,543	18,219	18,957	18,755	17,891	13,586	13,164		19,713	18,340	19,893	18,021	14,304	14,514
1600	14,595	18,600	17,993	19,055	18,756	17,656	13,550	13,339	18,455				17,223	14,459	14,516
1700	14,663	18,356	17,608	18,696	18,146	17,088	13,774	13,505	18,271	19,103	18,211	19,394		14,204	14,157
180		18,206	17,617	18,640	17,864	16,949	13,628	13,740	17,696	18,516	17,999	19,413	16,701		14,396
190		18,271	17,373	18,419	17,449	16,692	13,444	13,614	17,753	17,891	17,598	18,691	16,503	14,277	14,642
200		18,847	17,764	18,940	17,782	17,331	13,818	14,295	18,503	18,327	17,912	18,998	17,090	14,866	
210		18,416	18,377	18.967	18,641	17,885	14,388	15,574	17,719	18,488	18,087	18,814	17,728	15,287	15,759
220		17,305	17,446	17,820	17,361	16,188	13,521	14,755	16,008	17,194	16,973	17,536	16,242	14,651	15,045
230		16,530	16,366	16.598	16,211	14,183	12,251	14,582	15,577	16,411	15,936	16,452	14,641	13,864	15,022
240		16,072	15,763	16,230	15,943	12,812	11,649	14,401	15,405	15,966	15,238	15,851	13,341	13,293	15,044
			421,744	430,233	413,623	408.382	317,414	306,326	414,046	425,003	418,818	427,037	410,317	337,534	334,458
Total	336,133	426,640	421,744	430,233	413,023	400,302	317,414	000,020	,		,				
											Thursday	Calaba.	Cabirday	Sunday	Monday
	Monday	Tuesday	Wednesday	-			Sunday			Wednesday		Friday	Saturday		Monday 5/30/2016
Date	Monday 5/16/2016		-	-					Tuesday [^] 5/24/2016		Thursday 5/26/2016	•			
Date Hour				5/19/2016	5/20/2016	5/21/2016	5/22/2016	5/23/2016	5/24/2016	5/25/2016	5/26/2016	5/27/2016	5/28/2016	5/29/2016	5/30/2010
	5/16/2016			-		5/21/2016 12,861	5/22/2016 12,019	5/23/2016 14,522	5/24/2016 15,143	5/25/2016 16,141	5/26/2016 17,325	5/27/2016 18,029	5 5/28/2016 15,596	5/29/2016 13,926	5/30/2010 12,703
Hour 10	5/16/2016	5/17/2016 14,913	5/18/2016 15,024	5/19/2016 14,940	5/20/2016	5/21/2016	5/22/2016	5/23/2016	5/24/2016	5/25/2016 16,141 16,026	5/26/2016 17,325 16,944	5/27/2016 18,029 17,464	5/28/2016 15,596 14,946	5/29/2016 13,926 13,369	5/30/2010 12,703 11,928
Hour 10 20	5/16/2016 14,789 14,902	5/17/2016 14,913 14,734	5/18/2016	5/19/2016	5/20/2016 14,847	5/21/2016 12,861	5/22/2016 12,019	5/23/2016 14,522 14,325	5/24/2016 15,143 14,839 14,532	5/25/2016 16,141 16,026 15,776	5/26/2016 17,325 16,944 16,808	5/27/2016 18,029 17,464 17,140	5/28/2016 15,596 14,946 14,323	5/29/2016 13,926 13,369 12,913	5/30/2010 12,703 11,928 11,482
Hour 10 20 30	5/16/2016 14,789 14,902 14,979	5/17/2016 14,913 14,734 14,663	5/18/2016 15,024 14,935 14,946	5/19/2016 14,940 14,937 14,799	5/20/2016 14,847 14,717 14,664	5/21/2016 12,861 12,526 12,316	5/22/2016 12,019 11,722	5/23/2016 14,522 14,325 14,216	5/24/2016 15,143 14,839	5/25/2016 16,141 16,026	5/26/2016 17,325 16,944	5/27/2016 18,029 17,464 17,140 17,174	5/28/2016 15,596 14,946 14,323 13,799	13,926 13,369 12,913 12,795	5/30/2010 12,703 11,928 11,482 11,175
Hour 10 20 30 40	5/16/2016 14,789 14,902 14,979 15,504	5/17/2016 14,913 14,734 14,663 15,143	5/18/2016 15,024 14,935 14,946 15,347	5/19/2016 14,940 14,937 14,799 14,967	5/20/2016 14,847 14,717 14,664 14,756	5/21/2016 12,861 12,526 12,316 12,638	5/22/2016 12,019 11,722 11,615 11,445	5/23/2016 14,522 14,325 14,216 14,475	5/24/2016 15,143 14,839 14,532	5/25/2016 16,141 16,026 15,776	5/26/2016 17,325 16,944 16,808	5/27/2016 18,029 17,464 17,140	5/28/2016 15,596 14,946 14,323 13,799 13,747	13,926 13,369 12,913 12,795 12,873	5/30/2010 12,703 11,928 11,482 11,175 11,305
Hour 10 20 30 40 50	5/16/2016 14,789 14,902 14,979 15,504 16,332	5/17/2016 14,913 14,734 14,663 15,143 15,986	5/18/2016 15,024 14,935 14,946 15,347 16,257	5/19/2016 14,940 14,937 14,799 14,967 15,955	5/20/2016 14,847 14,717 14,664 14,756 15,407	5/21/2016 12,861 12,526 12,316 12,638 12,848	5/22/2016 12,019 11,722 11,615 11,445 11,495	5/23/2016 14,522 14,325 14,216 14,475	5/24/2016 15,143 14,839 14,532 14,903	5/25/2016 16,141 16,026 15,776 15,689	5/26/2016 17,325 16,944 16,808 16,852	5/27/2016 18,029 17,464 17,140 17,174	5/28/2016 15,596 14,946 14,323 13,799 13,747 13,676	13,926 13,369 12,913 12,795 12,873 12,808	5/30/2016 12,703 11,926 11,482 11,175 11,305 11,108
Hour 10 20 30 40 50	5/16/2016 14,789 14,902 14,979 15,504 16,332 17,427	5/17/2016 14,913 14,734 14,663 15,143 15,986 17,127	5/18/2016 15,024 14,935 14,946 15,347 16,257 17,114	5/19/2016 14,940 14,937 14,799 14,967 15,955 16,903	5/20/2016 14,847 14,717 14,664 14,756 15,407 16,055	5/21/2016 12,861 12,526 12,316 12,638 12,848 13,069	5/22/2016 12,019 11,722 11,615 11,445 11,495 11,727	5 5/23/2016 14,522 14,325 14,216 14,475 15,373 16,159	5/24/2016 15,143 14,839 14,532 14,903 15,738 16,612	5/25/2016 16,141 16,026 15,776 15,689 16,416	5/26/2016 17,325 16,944 16,808 16,852 17,764	5/27/2016 18,029 17,464 17,140 17,174 17,603	5/28/2016 15,596 14,946 14,323 13,799 13,747 13,676	13,926 13,369 12,913 12,795 12,873	5/30/2016 12,703 11,928 11,482 11,175 11,305 11,108
Hour 10 20 30 40 50 60	5/16/2016 14,789 14,902 14,979 15,504 16,332 17,427 18,636	5/17/2016 14,913 14,734 14,663 15,143 15,986 17,127 18,457	5/18/2016 15,024 14,935 14,946 15,347 16,257 17,114 18,326	5/19/2016 14,940 14,937 14,799 14,967 15,955 16,903 18,359	5/20/2016 14,847 14,717 14,664 14,755 15,407 16,055 17,832	5/21/2016 12,861 12,526 12,316 12,638 12,848 13,069 13,623	5/22/2016 12,019 11,722 11,615 11,445 11,495 11,727 12,072	5 5/23/2016 14,522 14,325 14,216 14,475 15,373 16,159 18,058	5/24/2016 15,143 14,639 14,532 14,903 15,738 16,612 17,830	5/25/2016 16,141 16,026 15,776 15,689 16,416 17,087 18,473	5/26/2016 17,325 16,944 16,869 16,852 17,764 18,631 19,920	5/27/2016 18,029 17,464 17,140 17,174 17,603 18,092 19,678	5/28/2016 15,596 14,946 14,323 13,799 13,747 13,676 14,999	13,926 13,369 12,913 12,795 12,873 12,808	5/30/2016 12,703 11,928 11,482 11,175 11,305 11,108
Hour 10 20 30 40 50 60 70 80	5/16/2016 14,789 14,902 14,979 15,504 16,332 17,427 18,836 19,259	5/17/2016 14,913 14,734 14,663 15,143 15,986 17,127 18,457 18,853	5/18/2016 15,024 14,935 14,946 15,347 16,257 17,114 18,326 18,730	5/19/2016 14,940 14,937 14,799 14,967 15,955 16,903 18,359 18,933	5/20/2016 14,847 14,717 14,664 14,756 15,407 16,055 17,832 18,325	5/21/2016 12,861 12,526 12,316 12,638 12,848 13,069 13,623 14,397	5/22/2016 12,019 11,722 11,615 11,445 11,495 11,727 12,072 12,710	5 5/23/2016 14,522 14,325 14,216 14,475 15,373 16,159 18,058 18,830	5/24/2016 15,143 14,839 14,532 14,903 15,738 16,612 17,830 18,695	5/25/2016 16,141 16,026 15,768 15,689 16,416 17,087 18,473 19,723	5/26/2016 17,325 16,944 16,808 16,852 17,764 18,631 19,920 21,352	5/27/2016 18,029 17,464 17,140 17,174 17,603 18,092 19,678 21,225	5/28/2016 15,596 14,946 14,323 13,799 13,747 13,676 14,999 16,387	5/29/2016 13,926 13,389 12,913 12,795 12,873 12,808 13,124 13,916	5/30/2016 12,703 11,928 11,482 11,175 11,305 11,108 11,800 12,922
Hour 10 20 30 40 50 60 70 80	5/16/2016 14,789 14,902 14,979 15,504 16,332 17,427 18,836 19,259 19,539	5/17/2016 14,913 14,734 14,663 15,143 15,986 17,127 18,457 18,853 19,084	5/18/2016 15,024 14,935 14,946 15,347 16,257 17,114 18,326 18,730 19,169	5/19/2016 14,940 14,937 14,799 14,967 15,955 16,903 18,359 18,933 19,160	5/20/2016 14,847 14,717 14,664 14,756 15,407 16,055 17,832 18,325 18,641	5/21/2016 12,861 12,526 12,316 12,638 12,848 13,069 13,623 14,397 15,013	5/22/2016 12,019 11,722 11,615 11,445 11,727 12,072 12,710 13,429	5 5/23/2016 14,522 14,325 14,216 14,475 15,373 16,159 18,058 18,830 18,950	5/24/2016 15,143 14,839 14,532 14,903 15,738 16,612 17,830 18,695 19,082	5/25/2016 16,141 16,026 15,776 15,689 16,416 17,087 18,473 19,723 20,536	5/26/2016 17,325 16,944 16,808 16,852 17,764 18,631 19,920 21,352 22,050	5/27/2016 18,029 17,464 17,140 17,174 17,603 18,092 19,678 21,225 22,184	5/28/2016 15,596 14,946 14,323 13,799 13,747 13,676 14,999 16,387 17,910	5/29/2016 13,926 13,369 12,913 12,795 12,873 12,808 13,124 13,916 15,181	5/30/2016 12,703 11,928 11,482 11,175 11,305 11,108 11,800 12,922 14,057
Hour 10 20 30 40 50 60 70 80 90	5/16/2016 14,789 14,902 14,979 15,504 16,332 17,427 18,836 19,259 19,539 19,621	5/17/2016 14,913 14,734 14,663 15,143 15,986 17,127 18,457 18,853 19,084 19,030	5/18/2016 15,024 14,935 14,946 15,347 16,257 17,114 18,326 18,730 19,169 19,331	5/19/2016 14,940 14,937 14,799 14,967 15,955 16,903 18,353 19,160 19,273	5/20/2016 14,847 14,717 14,664 14,756 15,407 16,055 17,832 18,325 18,641 18,938	5/21/2016 12,861 12,526 12,316 12,638 12,848 13,069 13,523 14,397 15,013	5/22/2016 12,019 11,722 11,615 11,445 11,727 12,072 12,770 13,429 13,777	5 5/23/2016 14,522 14,325 14,216 14,475 15,373 16,159 18,058 18,850 18,950	5/24/2016 15.143 14.839 14.532 14,903 15,738 16,612 17,830 18,695 19,082	5/25/2016 16,141 16,026 15,776 15,689 16,416 17,087 18,473 19,723 20,536 21,515	5/26/2016 17.325 16.944 16.808 16.852 17.764 18.631 19.920 21.352 22,050 22,739	5/27/2016 18,029 17,464 17,140 17,174 17,603 18,092 19,678 21,225 22,184 23,065	5 5/28/2016 15,596 14,946 14,323 13,799 13,747 13,676 14,999 16,387 17,910	5/29/2016 13,926 13,389 12,913 12,795 12,873 12,808 13,124 13,916 15,181 16,355	5/30/201 12,703 11,926 11,485 11,175 11,305 11,106 11,805 12,925 14,055 15,266
Hour 10 20 30 40 50 60 70 80 90	5/16/2016 14,789 14,902 14,979 15,504 16,332 17,427 18,836 19,259 19,539 19,530 19,359	5/17/2016 14,913 14,734 14,663 15,143 15,986 17,127 18,457 18,853 19,084 19,030 19,123	5/18/2016 15,024 14,935 14,946 15,347 16,257 17,114 18,326 18,730 19,169 19,331 18,853	5/19/2016 14,940 14,937 14,799 14,967 15,955 16,903 18,359 18,933 19,160 19,273	5/20/2016 14,847 14,717 14,664 14,756 15,407 16,055 17,832 18,325 18,641 18,938	5/21/2016 12,861 12,526 12,316 12,638 12,848 13,069 13,623 14,397 15,013 14,572 15,060	5/22/2016 12,019 11,722 11,615 11,445 11,727 12,072 12,710 13,429 13,777 13,863	5 5/23/2016 14,522 14,325 14,216 14,475 15,373 16,159 18,058 18,830 18,950 19,002	5/24/2016 15,143 14,839 14,532 14,903 15,738 16,612 17,830 18,695 19,082	5/25/2016 16,141 16,026 15,776 15,689 16,416 17,087 18,473 19,723 20,536 21,515 21,908	5/26/2016 17,325 16,944 16,808 16,852 17,764 18,631 19,920 21,352 22,050 22,739 23,440	5/27/2016 18,029 17,464 17,140 17,174 17,603 18,092 19,678 21,225 22,184 23,065 23,748	5 5/28/2016 15,596 14,946 14,323 13,799 13,747 13,676 14,999 16,387 17,910 19,041	5/29/2016 13,926 13,389 12,913 12,795 12,873 12,808 13,124 13,916 15,181 16,355 17,770	5/30/201 12,703 11,926 11,482 11,175 11,306 11,106 11,806 12,922 14,055 15,266 16,36-
Hour 10 20 30 40 50 60 70 80 90	5/16/2016 14,789 14,902 14,979 15,504 16,332 17,427 18,836 19,259 19,539 19,530 19,359	5/17/2016 14,913 14,734 14,663 15,143 15,986 17,127 18,457 18,853 19,084 19,030	5/18/2016 15,024 14,935 14,946 15,347 16,257 17,114 18,326 18,730 19,169 19,331 18,853 18,874	5/19/2016 14,940 14,937 14,799 14,967 15,955 16,903 18,359 19,160 19,273 19,335	5/20/2016 14,847 14,717 14,664 14,756 15,407 16,055 17,832 18,325 18,641 18,938 19,048 18,978	5/21/2016 12,861 12,526 12,316 12,638 12,848 13,069 13,523 14,397 15,013 14,572 15,060 14,771	5/22/2016 12,019 11,722 11,615 11,445 11,727 12,072 12,710 13,429 13,777 13,863 13,887	5 5/23/2016 14,522 14,325 14,216 14,475 15,373 16,159 18,058 18,830 18,950 19,002	5/24/2016 15.143 14.839 14.532 14.903 15.738 16.612 17.830 18.695 19.082 19.484 20.850	5/25/2016 16.141 16.026 15.776 15.689 16,416 17.087 18,473 20.536 21,515 21,908 22,198	5/26/2016 17.325 16,944 16,809 16,852 17,764 18,631 19,920 21,352 22,050 22,739 23,440 24,127	5/27/2016 18,029 17,464 17,140 17,174 17,603 18,092 19,678 21,225 22,184 23,065 23,748 24,022	5 5/28/2016 15,596 14,946 14,323 13,799 13,747 13,676 14,999 16,387 17,910 19,041 19,545 20,266	5/29/2016 13,926 13,389 12,913 12,795 12,873 12,808 13,124 13,916 15,181 16,355 17,770 18,512	5/30/201 12,703 11,926 11,485 11,175 11,306 11,106 11,806 12,925 14,057 15,266 16,386 17,18
Hour 10 20 30 40 50 60 70 80 90 100 110	5/16/2016 14,789 14,979 15,504 16,332 17,427 18,836 19,259 19,539 19,621 19,358	5/17/2016 14,913 14,734 14,663 15,143 15,986 17,127 18,457 18,853 19,084 19,030 19,123	5/18/2016 15,024 14,935 14,946 15,347 16,257 17,114 18,326 18,730 19,169 19,331 18,853	5/19/2016 14,940 14,937 14,799 14,967 15,955 16,903 18,359 18,933 19,160 19,273	5/20/2016 14,847 14,717 14,664 14,756 15,407 16,055 17,832 18,325 18,641 18,938	5/21/2016 12,861 12,526 12,316 12,638 12,848 13,069 13,623 14,397 15,013 14,572 15,060 14,771 14,370	5/22/2016 12,019 11,722 11,615 11,495 11,727 12,072 12,710 13,429 13,777 13,863 13,887	5 5/23/2016 14,522 14,325 14,216 14,475 15,373 16,159 18,058 18,830 19,002 19,002 19,038	5/24/2016 15.143 14.839 14.532 14.903 15.738 16.612 17.830 18.695 19.082 19.484 20.189 20.650 20.782	5/25/2016 16,141 16,026 15,776 15,689 16,416 17,087 18,473 19,723 20,536 21,515 21,908 22,198	5/26/2016 17, 325 16, 944 16, 808 16, 852 17, 764 18, 631 19, 920 21, 352 22, 050 22, 739 23, 440 24, 127 24, 705	5/27/2016 18,029 17,464 17,140 17,174 17,603 18,092 19,678 21,225 22,184 23,065 23,748 24,022 24,050	5 5/28/2016 15,596 14,946 14,323 13,799 13,747 13,676 14,999 16,387 17,910 19,041 19,545 20,266	13,926 13,369 12,913 12,795 12,873 12,808 13,124 13,916 15,181 16,355 17,770 18,512 18,989	5/30/201 12,703 11,926 11,485 11,175 11,306 11,106 11,806 12,922 14,055 15,266 16,36- 17,181 17,48-
Hour 10 20 30 40 50 60 70 80 90 100 110 120	5/16/2016 14,789 14,979 14,979 15,509 16,332 17,427 18,836 19,259 19,539 19,621 19,359 19,621 19,359 19,176 18,758	5/17/2016 14,913 14,734 14,663 15,143 15,986 17,127 18,457 18,853 19,084 19,030 19,123 19,390 19,175	5/18/2016 15,024 14,935 14,946 15,347 16,257 17,114 18,326 18,730 19,169 19,331 18,853 18,874	5/19/2016 14,940 14,937 14,799 14,967 15,955 16,903 18,359 19,160 19,273 19,335	5/20/2016 14,847 14,717 14,664 14,756 15,407 16,055 17,832 18,325 18,641 18,938 19,048 18,978	5/21/2016 12,861 12,526 12,316 12,638 12,848 13,069 13,523 14,397 15,013 14,572 15,060 14,771	5/22/2016 12,019 11,722 11,615 11,445 11,727 12,072 12,710 13,429 13,777 13,863 13,887	5 5/23/2016 14,522 14,325 14,216 14,475 15,373 16,159 18,058 18,830 18,950 19,002 19,038 19,210 19,349 19,313	5/24/2016 15.143 14.839 14.532 14.903 15.738 16.612 17.830 18.695 19.082 19.484 20.189 20.850 20.782 20.674	5/25/2016 16,141 16,026 15,776 15,689 16,416 17,087 18,473 19,723 20,536 21,515 21,908 22,198 22,244 22,486	5/26/2016 17,325 16,944 16,808 16,852 17,764 18,631 19,920 21,352 22,050 22,739 23,440 24,127 24,705 24,343	18,029 17,464 17,140 17,174 17,603 18,092 19,678 21,225 22,184 23,065 23,748 24,022 24,050 24,038	5 5/28/2016 15,596 14,946 14,323 13,799 13,747 13,676 14,999 16,387 17,910 19,041 19,545 20,266 20,846	5/29/2016 13,926 13,389 12,913 12,795 12,873 12,808 13,124 13,916 15,181 16,355 17,770 18,512 18,989 19,190	5/30/201 12,703 11,926 11,482 11,175 11,306 11,106 11,807 12,922 14,053 15,266 16,364 17,188 17,484 17,733
Hour 10 20 30 40 50 60 70 80 90 100 110 120 130	5/16/2016 14,789 14,902 14,979 15,504 16,332 17,427 18,836 19,259 19,539 19,621 19,359 19,176 18,758 18,758	5/17/2016 14,913 14,734 14,663 15,143 15,986 17,127 18,853 19,084 19,030 19,123 19,390 19,175 18,672	5/18/2016 15,024 14,935 14,946 15,347 16,257 17,114 18,326 18,730 19,169 19,331 18,853 18,874 18,933 18,723	5/19/2016 14,940 14,937 14,799 14,967 15,955 16,903 18,359 18,933 19,160 19,273 19,395 19,396	5/20/2016 14,847 14,717 14,664 14,756 15,407 16,055 17,832 18,325 18,641 18,938 19,048 18,978	5/21/2016 12,861 12,526 12,316 12,638 12,848 13,069 13,623 14,397 15,013 14,572 15,060 14,771 14,370	5/22/2016 12,019 11,722 11,615 11,495 11,727 12,072 12,710 13,429 13,777 13,863 13,887	5 5/23/2016 14,522 14,325 14,216 14,475 15,373 16,159 18,058 18,830 19,902 19,002 19,038 19,210 19,349	5/24/2016 15,143 14,839 14,532 14,903 15,738 16,612 17,830 18,695 19,082 19,484 20,189 20,650 20,782 20,674 20,520	5/25/2016 16.141 16.026 15.776 15.689 16.416 17.087 18.473 20.536 21.515 21.908 22.198 22.244 22.486 22.677	5/26/2016 17.325 16,944 16,869 16,852 17,764 18,631 19,920 21,352 22,050 22,739 23,440 24,127 24,705 24,343 24,442	18,029 17,464 17,140 17,174 17,503 18,092 19,678 21,225 22,184 23,065 23,748 24,022 24,050 24,038 24,453	5 5/28/2016 15,596 14,946 14,323 13,799 13,747 13,676 14,999 16,387 17,910 19,041 19,545 20,266 20,846 20,953	5/29/2016 13,926 13,369 12,913 12,795 12,873 12,808 13,124 13,916 15,181 16,355 17,770 18,512 18,989 19,190	5/80/2014 12,703 11,928 11,482 11,175 11,305 11,106 11,805 12,922 14,057 15,266 16,366 17,187 17,484 17,733 18,216
Hour 10 20 30 40 50 60 70 80 90 100 110 120 130 144	5/16/2016 14,789 14,979 15,504 16,332 17,427 18,636 19,259 19,621 19,358 19,621 19,358 19,621 19,358 19,623 19,176 18,758 18,238	5/17/2016 14,913 14,734 14,663 15,143 15,986 17,127 18,457 19,030 19,123 19,390 19,175 18,872 18,343	5/18/2016 15.024 14,935 14,946 15.347 16,257 17,114 18,326 19,730 19,169 19,331 18,853 18,874 18,933 18,723 18,730	5/19/2016 14,940 14,937 14,799 14,967 15,955 16,903 18,359 19,160 19,273 19,335 19,596 19,463 19,097 18,550	5/20/2016 14,847 14,717 14,664 14,756 15,407 16,055 17,832 18,325 18,641 18,938 19,048 18,978 19,245	5/21/2016 12,861 12,526 12,316 12,638 13,069 13,623 14,397 15,013 14,572 15,060 14,771 14,370 14,178	5/22/2016 12,019 11,722 11,615 11,445 11,727 12,072 12,770 13,429 13,777 13,863 13,867 13,937	5 523/2016 14,522 14,325 14,216 14,475 15,373 16,159 18,058 18,830 18,950 19,002 19,036 19,210 19,349 19,319 19,254	5/24/2016 15.143 14.839 14.532 14.903 15.738 16.612 17.830 18.695 19.082 19.484 20.189 20.850 20.782 20.674	5/25/2016 16.141 16.026 15.776 15.689 16.416 17.087 18.473 19.723 20.536 21.515 21.908 22.198 22.244 22.486 22.677 22,643	5/26/2016 17.325 16,944 16,808 16,852 17,764 18,631 19,920 21,352 22,050 22,739 23,440 24,127 24,705 24,343 24,412 24,621	5/27/2016 18,029 17,464 17,140 17,174 17,603 18,092 19,678 21,225 22,184 23,065 23,748 24,022 24,020 24,038 24,453 24,453	5 5/28/2016 15,596 14,946 14,323 13,799 13,747 13,676 14,999 16,387 17,910 19,041 19,545 20,266 20,853 20,688 20,440	13,926 13,389 12,913 12,95 12,873 12,808 13,124 13,916 15,181 16,355 17,770 18,512 18,989 19,190 19,286 19,489	5/30/2014 12,703 11,928 11,482 11,175 11,305 11,108 11,800 12,922 14,057 15,266 16,364 17,733 18,211 18,662
Hour 10 20 300 40 50 60 70 80 100 1150 1250 1350 1450 1550 1550 1550 1550 1550 1550 15	5/16/2016 14,789 14,979 15,504 16,332 17,427 18,836 19,259 19,539 19,621 19,359 19,621 19,359 19,621 19,359 19,621 19,359 19,621 19,359 19,621 19,359	5/17/2016 14,913 14,734 14,663 15,143 15,986 17,127 18,457 18,853 19,084 19,030 19,123 19,390 19,175 18,872 18,343 18,273	5/18/2016 15,024 14,935 14,946 15,347 16,257 17,114 18,326 18,730 19,169 19,331 18,853 18,874 18,933 18,723 18,701 17,961	5/19/2016 14,940 14,937 14,799 14,967 15,955 16,903 18,353 19,160 19,273 19,395 19,463 19,097 18,550 18,770	5/20/2016 14,847 14,717 14,664 14,756 15,407 16,055 17,832 18,325 18,641 18,938 19,048 18,978 19,245 18,612 18,325	5/21/2016 12,861 12,526 12,316 12,638 12,848 13,069 13,623 14,397 15,013 14,572 15,060 14,771 14,370 14,178 14,085	5/22/2016 12,019 11,722 11,615 11,445 11,455 11,727 12,770 13,429 13,777 13,863 13,887 13,937	5/23/2016 14,522 14,325 14,216 14,475 15,373 16,159 18,058 18,830 18,950 19,022 19,038 19,210 19,319 19,319 19,214	5/24/2016 15,143 14,839 14,532 14,903 15,738 16,612 17,830 18,695 19,082 19,484 20,189 20,650 20,674 20,520	5/25/2016 16.141 16.026 15.776 15.689 16.416 17.087 18.473 20.536 21.515 21.908 22.198 22.244 22.486 22.677	5/26/2016 17,325 16,944 16,808 16,852 17,764 18,631 19,920 21,352 22,050 22,739 23,440 24,127 24,705 24,343 24,412 24,621 24,621	5/27/2016 18,029 17,464 17,140 17,174 17,603 18,092 19,678 21,225 22,184 23,065 23,748 24,052 24,050 24,038 24,610 24,253	5 5/28/2016 15,596 14,946 14,323 13,799 13,747 13,676 14,999 16,387 17,910 19,041 19,545 20,266 20,846 20,953 20,688 20,440 20,563	13,926 13,389 12,913 12,795 12,873 12,808 13,124 13,916 15,181 16,355 17,770 18,512 18,989 19,190 19,286 19,489 19,369	5/30/2016 12,703 11,926 11,482 11,176 11,306 11,106 11,806 12,922 14,055 15,266 16,364 17,187 17,484 17,733 18,216 18,665 19,171
Hour 10 20 30 40 40 50 60 70 80 900 110 120 133 140 150 160 177 70 177 177 177 177 187 187 187 187 187 187	5/16/2016 14,789 14,979 15,504 16,332 17,427 18,836 19,259 19,539 19,621 19,359 19,176 18,758 18,233 17,954	5/17/2016 14,913 14,734 14,663 15,143 15,986 17,127 18,457 18,853 19,084 19,030 19,123 19,390 19,175 18,872 18,343 18,273 18,166	5/18/2016 15.024 14,935 14,946 15,347 16,257 17,114 18,326 18,730 19,169 19,331 18,853 18,874 18,933 18,723 18,933 17,961 17,766	5/19/2016 14,940 14,937 14,799 14,967 15,955 16,903 18,359 19,160 19,273 19,335 19,160 19,463 19,097 18,550 18,770 18,310	5/20/2016 14,847 14,717 14,664 14,756 15,407 16,055 17,832 18,325 18,641 18,938 19,048 18,978 19,245 18,812 18,832 17,762	5/21/2016 12,861 12,526 12,316 12,638 12,848 13,069 13,623 14,397 15,013 14,572 15,060 14,771 14,370 14,178 14,085 14,411 14,128	5/22/2016 12,019 11,722 11,615 11,495 11,727 12,072 12,710 13,429 13,777 13,863 13,897 13,937 14,926 14,976	5 5/23/2016 14,522 14,325 14,216 14,475 15,373 16,159 18,058 18,830 19,002 19,038 19,210 19,349 19,313 19,254 19,291 18,958	5/24/2016 15.143 14.839 14.532 14.903 15.738 16.612 17.830 18.695 19.082 19.484 20.189 20.650 20.782 20.674 20.520 20.650 20.650	5/25/2016 16.141 16.026 15.776 15.689 16.416 17.087 18.473 19.723 20.536 21.515 21.908 22.198 22.244 22.486 22.677 22,643	5/26/2016 17.325 16,944 16,808 16,852 17,764 18,631 19,920 21,352 22,050 22,739 23,440 24,127 24,705 24,343 24,412 24,621	5/27/2016 18,029 17,464 17,140 17,174 17,603 18,092 19,678 21,225 22,184 23,065 23,748 24,052 24,050 24,038 24,610 24,253	5 5/28/2016 15,596 14,946 14,323 13,799 13,747 13,676 14,999 16,387 17,910 19,041 19,545 20,266 20,846 20,953 20,688 20,440 20,563	5/29/2016 13,926 13,369 12,913 12,795 12,873 12,808 13,124 13,916 15,181 16,355 17,770 18,512 18,989 19,190 19,286 19,489 19,495	5/30/2014 12,703 11,928 11,482 11,175 11,305 11,106 11,806 12,922 14,057 15,266 16,366 17,187 17,484 17,733 18,667 19,171
Hour 10 20 300 400 500 600 70 1000 1100 1100 1100 1100 1100	5/16/2016 14,789 14,979 14,979 15,504 16,332 17,427 18,636 19,259 19,621 019,359 19,621 019,359 019,176 018,758 018,758 018,758 018,758	5/17/2016 14,913 14,734 14,663 15,143 15,986 17,127 18,457 19,030 19,123 19,390 19,175 18,872 18,343 18,273 18,166	5/18/2016 15,024 14,935 14,946 15,347 16,257 17,114 18,326 19,331 18,853 18,874 18,933 18,723 18,501 17,961 17,776	5/19/2016 14,940 14,937 14,799 14,967 15,955 16,903 19,355 19,160 19,273 19,335 19,463 19,463 19,097 18,550 18,770 18,310	5/20/2016 14,847 14,717 14,664 14,756 15,407 16,055 17,832 18,325 18,641 18,938 19,048 18,978 19,245 18,612 18,332 17,762 18,332 17,762	5/21/2016 12,861 12,526 12,316 12,638 12,848 13,069 13,623 14,397 15,013 14,572 15,060 14,771 14,370 14,178 14,085 14,411 14,128 14,141	5/22/2016 12,019 11,722 11,615 11,445 11,455 11,727 12,770 13,429 13,777 13,863 13,887 13,955 14,229 14,976 14,910	5/23/2016 14,522 14,325 14,216 14,475 15,373 16,159 18,058 18,830 18,950 19,002 19,038 19,210 19,349 19,313 19,254 19,291 19,294 19,319	5/24/2016 15.143 14.839 14.532 14.903 15,738 16,612 17.830 18,695 19.082 19.484 20,189 20,650 20,782 20,674 20,520 20,697 20,393 20,313	5/25/2016 16.141 16.026 15.776 15.689 16,416 17.087 18,473 20.536 21,515 21,908 22,198 22,244 22,486 22,677 22,643 22,465 22,238	5/26/2016 17,325 16,944 16,869 16,852 17,764 18,631 19,920 21,352 22,050 22,739 23,440 24,127 24,705 24,343 24,412 24,621 24,485 24,485 24,485	5/27/2016 18,029 17,464 17,140 17,174 17,503 18,092 19,678 21,225 22,184 23,065 23,748 24,022 24,050 24,038 24,453 24,613 24,53 24,53 24,53 24,53 24,53 24,53 24,53	5 5/28/2016 15,596 14,946 14,323 13,799 13,747 13,676 14,999 16,387 17,910 19,041 19,545 20,266 20,846 20,953 20,688 20,440 20,563	5/29/2016 13,926 13,389 12,913 12,795 12,873 12,808 13,124 13,916 15,181 16,355 17,770 18,512 18,989 19,190 19,286 19,489 19,495	5/30/2014 12,703 11,928 11,482 11,175 11,306 11,106 11,800 12,922 14,057 15,266 16,364 17,181 17,484 17,733 18,214 18,662 19,174 19,322 19,900
Hour 10 20 20 30 40 50 60 70 80 100 11C 12C 13C 144 155 16C 177 18C 199 199 199 199 199 199 199 199 199 19	5/16/2016 14,789 14,979 15,504 16,332 17,427 18,836 19,259 19,539 19,621 19,359 19,621 19,359 19,621 19,359 19,621 19,359 19,620 19,760 18,758 18,223 17,954 18,060 17,565 17,337	5/17/2016 14,913 14,734 14,663 15,143 15,986 17,127 18,457 18,853 19,084 19,030 19,123 19,390 19,175 18,872 18,343 18,273 18,166 18,066 17,692	5/18/2016 15,024 14,935 14,946 15,347 16,257 17,114 18,326 18,730 19,169 19,331 18,853 18,874 18,933 18,723 18,501 17,961 17,776 17,488 17,162	5/19/2016 14,940 14,937 14,799 14,967 15,955 16,903 18,359 19,160 19,273 19,395 19,463 19,097 18,550 18,770 18,310 18,133 17,626	5/20/2016 14,847 14,717 14,664 14,756 15,407 16,055 17,832 18,325 18,641 18,938 19,048 18,978 19,245 18,612 17,762 17,011 16,533 16,319	5/21/2016 12,861 12,526 12,316 12,638 12,848 13,069 13,523 14,397 15,013 14,572 15,060 14,771 14,370 14,178 14,085 14,411 14,128 14,111 14,128 14,111 13,869	5/22/2016 12,019 11,722 11,615 11,495 11,727 12,072 12,710 13,429 13,777 13,863 13,887 13,937 13,955 14,222 14,976 14,910 14,955 14,776	5 5/23/2016 14,522 14,325 14,216 14,475 15,373 16,159 18,058 18,830 18,950 19,002 19,038 19,210 19,349 19,313 19,254 19,291 18,958 18,956 18,956 18,956 18,956 18,481	5/24/2016 15.143 14.839 14.532 14.903 15.738 16.612 17.830 18.695 19.082 19.484 20.189 20.650 20.782 20.674 20.520 20.520 20.313 20.313 20.004	5/25/2016 16.141 16.026 15.776 15.689 16.416 17.087 18.473 20.536 21.515 21.908 22.198 22.244 22.486 22.677 22.643 22.485 22.238	5/26/2016 17,325 16,844 16,809 16,852 17,764 18,631 19,920 21,352 22,050 22,739 23,440 24,127 24,705 24,343 24,412 24,621 24,485 23,896	5/27/2016 18,029 17,464 17,140 17,174 17,603 18,092 19,678 21,225 22,184 23,065 24,022 24,050 24,038 24,453 24,610 24,253 23,948 22,951	5 5/28/2016 15,596 14,946 14,323 13,797 13,676 14,999 16,387 17,910 19,041 19,545 20,266 20,846 20,953 20,688 20,440 20,563 20,563 20,1636 19,251	13,926 13,389 12,913 12,795 12,873 12,808 13,124 13,916 15,181 16,355 17,770 18,512 18,989 19,190 19,286 19,489 19,369 19,495 18,996	5/30/2014 12,703 11,928 11,482 11,175 11,306 11,106 11,800 12,922 14,057 15,266 16,364 17,181 17,484 17,733 18,214 18,662 19,174 19,322 19,900
Hour 10 20 30 40 40 50 60 70 80 100 110 120 133 144 150 186 177 186 190 200 200 1	5/16/2016 14,789 14,979 15,504 16,332 17,427 18,836 19,259 19,539 19,621 19,359 19,176 18,758 18,253 17,954 18,060 17,565 17,337 17,146	5/17/2016 14,913 14,734 14,663 15,143 15,986 17,127 18,457 19,084 19,030 19,123 19,390 19,175 18,872 18,343 18,273 18,166 18,066 17,692 17,925	5/18/2016 15.024 14,935 14,946 15,347 16,257 17,114 18,326 18,730 19,169 19,331 18,853 18,723 18,501 17,766 17,766 17,488 17,162 17,316	5/19/2016 14,940 14,937 14,799 14,967 15,955 16,903 18,359 18,933 19,160 19,273 19,395 19,463 19,097 18,550 18,770 18,310 18,133 17,626	5/20/2016 14,847 14,717 14,664 14,756 15,407 16,055 17,832 18,325 18,641 18,938 19,048 19,948 19,245 18,612 18,332 17,762 17,011 16,533 16,319 16,809	5/21/2016 12,861 12,526 12,316 12,638 12,848 13,069 13,623 14,397 15,013 14,572 15,060 14,771 14,370 14,178 14,085 14,411 14,128 14,141 13,869 13,870	5/22/2016 12,019 11,722 11,615 11,495 11,727 12,072 12,710 13,429 13,777 13,863 13,887 13,955 14,226 14,976 14,976 14,976 14,976	5 5/23/2016 14,522 14,325 14,216 14,475 15,373 16,159 18,058 18,830 19,002 19,038 19,210 19,349 19,313 19,254 19,254 19,291 18,956 1	5/24/2016 15.143 14.839 14.532 14.903 15.738 16.612 17.830 18.695 19.082 19.484 20.189 20.650 20.674 20.520 20.697 20.313 20.313 20.004 20.004	5/25/2016 16.141 16.026 15.776 15.689 16.416 17.087 18.473 19.723 20.636 21.515 21.908 22.198 22.244 22.446 22.647 22.643 22.645 22.236 21.630 21.630	5/26/2016 17.325 16,944 16,808 16,852 17,764 18,631 19,920 21,352 22,050 22,739 23,440 24,127 24,705 24,343 24,412 24,621 24,621 24,856 23,866 23,469	18,029 17,464 17,140 17,174 17,603 18,092 19,678 21,225 22,184 23,065 23,748 24,020 24,038 24,053 24,610 24,253 23,949 22,951	5 5/28/2016 15,596 14,946 14,323 13,799 13,747 13,676 14,999 16,387 17,910 19,041 19,545 20,266 20,953 20,688 20,440 20,563 20,196 19,251 19,016	13,926 13,389 12,913 12,795 12,873 12,808 13,124 13,916 15,181 16,355 17,770 18,512 18,989 19,190 19,286 19,495 18,969 18,969 18,157	5/30/201 12,703 11,926 11,482 11,175 11,306 11,106 11,800 12,922 14,055 15,266 16,364 17,188 17,733 18,214 18,666 19,171 19,322 19,900 19,63
Hour 10 20 300 400 500 600 700 800 900 1100 1200 1300 1500 1500 1500 1500 1500 1500 15	5/16/2016 14,789 14,979 15,504 16,332 17,427 18,836 19,259 19,539 19,631 0 19,359 0 19,176 0 18,758 0 19,259 0 19,176 0 18,758 0 17,954 0 17,565 0 17,337 0 17,146 0 17,520 0 18,144	5/17/2016 14,913 14,734 14,663 15,143 15,986 17,127 18,457 19,030 19,175 18,872 18,343 18,273 18,166 18,066 17,692 17,925 18,249	5/18/2016 15,024 14,935 14,946 15,347 16,257 17,114 18,326 18,730 19,169 19,331 18,853 18,874 18,933 18,723 18,501 17,961 17,488 17,162 17,316 17,896	5/19/2016 14,940 14,937 14,799 14,967 15,955 16,903 18,359 19,160 19,273 19,335 19,596 19,463 19,097 18,550 18,770 18,310 18,133 17,626 17,605 18,340	5/20/2016 14,847 14,717 14,664 14,756 15,407 16,055 17,832 18,325 18,641 18,938 19,048 18,978 19,245 18,612 18,332 17,762 18,332 17,762 18,332 17,762 18,612 18,613 18,612 18,613 18,613 18,614 18,615 18,615 18,616 18,617 18,617 18,618 18,618 18,618 18,618 18,619 18,	5/21/2016 12,861 12,526 12,316 12,638 12,848 13,069 13,623 14,397 15,013 14,572 14,397 14,178 14,085 14,411 13,869 13,870 14,687	5/22/2016 12,019 11,722 11,615 11,445 11,455 11,727 12,770 13,429 13,777 13,863 13,867 13,955 14,229 14,976 14,910 14,957 14,776 15,043 15,628	5 5/23/2016 14,522 14,325 14,216 14,475 15,373 16,159 18,058 18,830 18,950 19,002 19,038 19,210 19,319 19,219 19,319 19,254 19,291 19,291 18,958 18,958 18,958 19,210 19,319 19,219 19,319 1	5/24/2016 15.143 14.839 14.532 14.903 15.738 16.612 17.830 18.695 19.082 19.484 20.189 20.650 20.782 20.674 20.520 20.697 20.333 20.313 20.004 20.036 20.044	5/25/2016 16.141 16.026 15.776 15.689 16.416 17.087 18.473 19.723 20.536 21.515 21.908 22.198 22.244 22.486 22.677 22.643 22.455 21.630 21.746	5/26/2016 17,325 16,944 16,852 17,764 18,631 19,920 21,352 22,050 22,739 23,440 24,127 24,705 24,343 24,412 24,621 24,625 24,365 23,639	5/27/2016 18,029 17,464 17,140 17,174 17,503 18,092 19,678 21,225 22,184 24,022 24,050 24,038 24,453 24,610 24,253 24,610 24,253 22,948 22,951 22,958 22,958 22,958 22,257 22,187	5 5/28/2016 15,596 14,946 14,323 13,799 13,747 13,676 14,999 16,387 17,910 19,041 19,545 20,266 20,846 20,440 20,563 20,440 20,563 20,196 19,251 19,016 19,251	5/29/2016 13,926 13,389 12,913 12,795 12,873 12,808 13,124 13,916 15,181 16,355 17,770 18,512 18,989 19,190 19,286 19,489 19,495 16,996 18,157 17,662	5/30/2014 12,703 11,928 11,482 11,175 11,305 11,106 11,805 15,266 16,364 17,187 17,488 17,733 18,210 18,663 19,171 19,321 19,900 19,633
Hour 10 20 20 30 40 50 50 60 70 80 100 110 110 110 110 110 110 110 110	5/16/2016 14,789 14,979 14,979 15,504 16,332 17,427 18,836 19,259 19,539 19,621 19,359 19,621 19,359 19,621 19,359 19,539 19,621 19,359 19,539 19,621 19,359 19,539 19,539 19,539 19,539 19,539 19,539 19,539 19,539 19,539 19,176 18,758 18,223 17,346 17,347 17,146 17,520 18,144	5/17/2016 14,913 14,734 14,663 15,143 15,986 17,127 18,457 19,030 19,123 19,390 19,175 18,872 18,343 18,273 18,166 18,066 17,692 17,925 18,249 16,902	5/18/2016 15,024 14,935 14,946 15,347 16,257 17,114 18,326 18,730 19,169 19,331 18,853 18,874 18,933 18,723 18,501 17,766 17,766 17,488 17,162 17,316 17,896 17,102	5/19/2016 14,940 14,937 14,799 14,967 15,955 16,903 18,359 19,160 19,273 19,335 19,596 19,463 19,097 18,550 18,770 18,310 18,133 17,626 17,605 18,340 17,369	5/20/2016 14,847 14,717 14,664 14,756 15,407 16,055 17,832 18,325 18,641 18,938 19,048 18,978 19,245 18,612 17,762 17,011 16,533 16,319 16,809 17,526 16,205	5/21/2016 12,861 12,526 12,316 12,638 12,848 13,069 13,523 14,397 15,013 14,572 15,060 14,771 14,370 14,178 14,085 14,411 14,128 14,141 13,869 13,870 14,687 14,687	5/22/2016 12,019 11,722 11,615 11,495 11,727 12,072 12,710 13,429 13,777 13,863 13,887 13,937 13,955 14,226 14,976 14,916 14,956 14,776 15,042 15,622 15,287	5 5/23/2016 14,522 14,325 14,216 14,475 15,373 16,159 18,050 18,950 19,030 19,030 19,030 19,319 19,210 19,349 19,319 19,254 19,291 18,956 18,950 19,319 1	5/24/2016 15.143 14.839 14.532 14.903 15.738 16.612 17.830 18.695 19.082 19.484 20.189 20.650 20.782 20.674 20.520 20.520 20.313 20.004 20.036 20.444 19.082	5/25/2016 16.141 16.026 15.776 15.689 16.416 17.087 18.473 20.536 21.515 21.908 22.198 22.244 22.486 22.487 22.643 22.465 22.238 21.635 21.746 20.489	5/26/2016 17,325 16,844 16,809 16,852 17,764 18,631 19,920 21,352 22,050 22,739 23,440 24,127 24,705 24,343 24,412 24,621 24,485 24,367 23,896 23,639 22,122	5/27/2016 18,029 17,464 17,140 17,174 17,603 18,092 19,678 21,225 22,184 23,065 23,748 24,022 24,050 24,038 24,453 24,610 24,253 23,949 22,951 22,476 22,187 20,588	5 5/28/2016 15,596 14,946 14,323 13,799 13,747 13,676 14,999 16,387 17,910 19,041 19,545 20,266 20,846 20,953 20,688 20,440 20,563 20,196 19,251 19,016 18,889 17,791	5/29/2016 13,926 13,369 12,913 12,795 12,873 12,808 13,124 13,916 15,181 16,355 17,770 18,512 18,989 19,190 19,286 19,489 19,369 19,495 18,956 19,495 18,956 19,495 18,966 19,495 18,157 17,662 16,482	5/30/2014 12,703 11,926 11,482 11,175 11,306 11,106 11,806 12,922 14,057 15,266 16,366 17,187 17,484 17,733 18,216 18,662 19,171 19,302 19,603 19,603 19,603
Hour 10 20 300 400 500 600 700 800 900 1100 1200 1300 1500 1500 1500 1500 1500 1500 15	5/16/2016 14,789 14,979 14,979 15,504 16,332 17,427 18,836 19,259 19,539 19,621 19,359 19,621 19,359 19,621 19,359 19,539 19,621 19,359 19,539 19,621 19,359 19,539 19,539 19,539 19,539 19,539 19,539 19,539 19,539 19,539 19,176 18,758 18,223 17,346 17,347 17,146 17,520 18,144	5/17/2016 14,913 14,734 14,663 15,143 15,986 17,127 18,457 19,030 19,175 18,872 18,343 18,273 18,166 18,066 17,692 17,925 18,249	5/18/2016 15,024 14,935 14,946 15,347 16,257 17,114 18,326 18,730 19,169 19,331 18,853 18,874 18,933 18,723 18,501 17,961 17,488 17,162 17,316 17,896	5/19/2016 14,940 14,937 14,799 14,967 15,955 16,903 18,353 19,160 19,273 19,395 19,463 19,097 18,550 18,770 18,310 18,133 17,626 17,605 18,340 17,369 16,068	5/20/2016 14,847 14,717 14,664 14,756 15,407 16,055 17,832 18,325 18,641 18,938 19,048 18,978 19,245 18,612 18,332 17,762 17,011 16,533 16,319 16,809 17,526 16,205 14,680	5/21/2016 12,861 12,526 12,316 12,638 13,069 13,523 14,377 15,013 14,572 15,060 14,771 14,370 14,178 14,085 14,411 14,128 14,111 13,869 13,870 14,687 14,249 13,209	5/22/2016 12,019 11,722 11,615 11,495 11,727 12,072 12,710 13,429 13,777 13,863 13,887 13,937 14,225 14,976 14,976 14,976 15,043 15,626 15,288 14,996	5 5/23/2016 14,522 14,325 14,216 14,475 15,373 16,159 18,058 18,830 19,002 19,038 19,210 19,349 19,319 19,254 19,291 18,958 18,956 18,956 18,956 18,957 18,957 18,958	5/24/2016 15.143 14.839 14.532 14.903 15.738 16.612 17.830 18.895 19.082 19.484 20.189 20.650 20.782 20.674 20.520 20.697 20.393 20.313 20.004 20.004 20.036 20.444 19.082 17.776	5/25/2016 16.141 16.026 15.776 15.689 16.416 17.087 18.473 20.536 21.515 21.908 22.198 22.244 22.486 22.677 22.643 22.485 21.630 21.746 20.489 19.330	5/26/2016 17.325 16,944 16,808 16,852 17,764 18,631 19,920 21,352 22,050 22,739 23,440 24,127 24,705 24,343 24,412 24,621 24,621 24,885 23,896 23,896 23,639 22,122 20,572	5/27/2016 18,029 17,464 17,140 17,174 17,603 18,092 19,678 21,225 22,184 23,065 23,748 24,022 24,050 24,038 24,453 24,610 24,253 23,949 22,951 22,476 22,187 20,588 18,278	5 5/28/2016 15,596 14,946 14,323 13,799 13,747 13,676 14,999 16,387 17,910 19,041 19,545 20,266 20,853 20,688 20,440 20,563 20,196 19,016 18,889 17,791 16,132	5/29/2016 13,926 13,369 12,913 12,795 12,873 12,808 13,124 13,916 15,181 16,355 17,770 18,512 18,989 19,190 19,286 19,489 19,369 19,489 19,369 19,489 10,489 10,	5/30/2016 12,703 11,928 11,482 11,175 11,305 11,108 11,800 12,922 14,057 15,266 16,364 17,187 17,484 17,733 18,211 18,662 19,176 19,325 19,906 19,635 19,606 18,636 17,736
Hour 10 20 20 30 40 50 50 60 70 80 100 110 110 110 110 110 110 110 110	5/16/2016 14,789 14,979 14,979 15,504 16,332 17,427 18,836 19,259 19,621 19,359 19,621 19,359 19,621 19,359 19,621 19,359 19,621 19,359 17,176 18,758 18,223 17,565 18,758 17,337 17,146 17,520 18,144 16,881 15,878	5/17/2016 14,913 14,734 14,663 15,143 15,986 17,127 18,457 19,030 19,123 19,390 19,175 18,872 18,343 18,273 18,166 18,066 17,692 17,925 18,249 16,902	5/18/2016 15,024 14,935 14,946 15,347 16,257 17,114 18,326 18,730 19,169 19,331 18,853 18,874 18,933 18,723 18,501 17,766 17,766 17,488 17,162 17,316 17,896 17,102	5/19/2016 14,940 14,937 14,799 14,967 15,955 16,903 18,359 19,160 19,273 19,335 19,596 19,463 19,097 18,550 18,770 18,310 18,133 17,626 17,605 18,340 17,369	5/20/2016 14,847 14,717 14,664 14,756 15,407 16,055 17,832 18,325 18,641 18,938 19,048 18,978 19,245 18,612 17,762 17,011 16,533 16,319 16,809 17,526 16,205	5/21/2016 12,861 12,526 12,316 12,638 12,848 13,069 13,523 14,397 15,013 14,572 15,060 14,771 14,370 14,178 14,085 14,411 14,128 14,141 13,869 13,870 14,687 14,687	5/22/2016 12,019 11,722 11,615 11,495 11,727 12,072 12,710 13,429 13,777 13,863 13,887 13,937 13,955 14,226 14,976 14,916 14,956 14,776 15,042 15,622 15,287	5 5/23/2016 14,522 14,325 14,216 14,475 15,373 16,159 18,058 18,830 19,002 19,038 19,210 19,349 19,319 19,254 19,291 18,958 18,956 18,956 18,956 18,957 18,957 18,958	5/24/2016 15.143 14.839 14.532 14.903 15.738 16.612 17.830 18.695 19.082 19.484 20.189 20.650 20.782 20.674 20.520 20.520 20.313 20.004 20.036 20.444 19.082	5/25/2016 16.141 16.026 15.776 15.689 16.416 17.087 18.473 20.536 21.515 21.908 22.198 22.244 22.486 22.677 22.643 22.485 21.630 21.746 20.489 19.330	5/26/2016 17,325 16,844 16,809 16,852 17,764 18,631 19,920 21,352 22,050 22,739 23,440 24,127 24,705 24,343 24,412 24,621 24,485 24,367 23,896 23,639 22,122	18,029 17,464 17,140 17,174 17,603 18,092 19,678 21,225 22,184 23,065 23,748 24,022 24,050 24,038 24,453 24,610 24,253 23,949 22,951 22,476 22,187 24,53 24,610 24,253 23,949 22,951 22,476 22,187 22,187 22,187 24,610 24,253 23,949 22,951 22,476 22,187 22,187 22,187 22,187 22,187 22,187 23,184 24,610 24,253 23,949 22,951 22,476 22,187 20,568 18,278	5 5/28/2016 15,596 14,948 14,323 13,799 13,747 13,676 14,999 16,387 17,910 19,041 19,545 20,266 20,846 20,953 20,648 20,440 20,563 20,196 19,016 18,889 17,791 16,132 14,690	5/29/2016 13,926 13,369 12,913 12,795 12,873 12,808 13,124 13,916 15,181 16,355 17,770 18,512 18,989 19,190 19,286 19,489 19,369 19,495 18,996 18,157 17,662 16,482 14,878 13,711	5/30/2016 12,703 11,928 11,482 11,175 11,305 11,108 11,800 12,922 14,057 15,266 16,364 17,187 17,484 17,733 18,210 18,662 19,176 19,322 19,906 18,630 17,736 16,896
Hour 10 20 20 30 40 40 50 60 70 80 100 110 110 110 110 110 110 110 110	5/16/2016 14,789 14,979 14,979 15,504 16,332 17,427 18,836 19,259 19,621 19,359 19,621 19,359 19,621 19,359 19,621 19,359 19,621 19,359 17,176 18,758 18,223 17,565 18,758 17,337 17,146 17,520 18,144 16,881 15,878	5/17/2016 14,913 14,734 14,663 15,143 15,986 17,127 18,457 18,853 19,084 19,030 19,123 19,390 19,175 18,872 18,343 18,273 18,166 18,066 17,692 17,925 18,249 16,902 16,902	5/18/2016 15,024 14,935 14,946 15,347 16,257 17,114 18,326 18,730 19,169 19,331 18,853 18,874 18,933 18,723 18,501 17,961 17,488 17,162 17,316 17,896 17,102 15,838	5/19/2016 14,940 14,937 14,799 14,967 15,955 16,903 18,353 19,160 19,273 19,395 19,463 19,097 18,550 18,770 18,310 18,133 17,626 17,605 18,340 17,369 16,068	5/20/2016 14,847 14,717 14,664 14,756 15,407 16,055 17,832 18,325 18,641 18,938 19,048 18,978 19,245 18,612 18,332 17,762 17,011 16,533 16,319 16,809 17,526 16,205 14,680	5/21/2016 12,861 12,526 12,316 12,638 13,069 13,523 14,377 15,013 14,572 15,060 14,771 14,370 14,178 14,085 14,411 14,128 14,111 13,869 13,870 14,687 14,249 13,209	5/22/2016 12,019 11,722 11,615 11,495 11,727 12,072 12,710 13,429 13,777 13,863 13,887 13,937 14,225 14,976 14,976 14,976 15,043 15,626 15,288 14,996	5 5/23/2016 14,522 14,325 14,216 14,475 15,373 16,159 18,058 18,830 18,950 19,038 19,210 19,349 19,313 19,254 19,291 18,958 18,966 18,481 18,370 18,970 1	5/24/2016 15.143 14.839 14.532 14.903 15.738 16.612 17.830 18.895 19.082 19.484 20.189 20.650 20.782 20.674 20.520 20.697 20.393 20.313 20.004 20.004 20.036 20.444 19.082 17.776	5/25/2016 16.141 16.026 15.776 15.689 16.416 17.087 18.473 20.536 21.515 21.908 22.198 22.244 22.486 22.677 22.643 22.485 21.630 21.746 20.489 19.330	5/26/2016 17.325 16,944 16,808 16,852 17,764 18,631 19,920 21,352 22,050 22,739 23,440 24,127 24,705 24,343 24,412 24,621 24,621 24,885 23,896 23,896 23,639 22,122 20,572	18,029 17,464 17,140 17,174 17,603 18,092 19,678 21,225 22,184 23,065 24,022 24,020 24,038 24,021 24,053 24,610 24,253 23,949 22,951 22,476 22,187 22,187 18,000 24,000 26	5 5/28/2016 15,596 14,948 14,323 13,799 13,747 13,676 14,999 16,387 17,910 19,041 19,545 20,266 20,846 20,953 20,648 20,440 20,563 20,196 19,016 18,889 17,791 16,132 14,690	5/29/2016 13,926 13,389 12,913 12,973 12,808 13,124 13,916 15,181 16,355 17,770 18,512 18,989 19,190 19,286 19,489 19,369 19,489 19,369 19,495 16,996 18,157 17,662 16,482 14,878 13,711	5/90/201 12,703 11,924 11,484 11,173 11,304 11,100 11,800 12,922 14,055 15,261 16,364 17,73 18,214 18,666 19,17 19,302 19,900 19,63 19,60 18,63 17,73







GENERATING ASSOCIATION

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:

INVOICE DATE:

DUE DATE:

TOTAL AMOUNT DUE:

CUSTOMER NUMBER:

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 -

May, 2016

FIXED RATE CHARGE.

ENERGY CHARGE:

SERVICE FEES:

264 kW *

0 kWh *

\$3.17 / kW =

\$0,000000 / kWh = \$0,000000 / kWh =

\$837.26

\$0.00

\$0.00

\$13.52

192929

6/7/2016

6/17/2016

\$850.78

5020

Fuel Costs that were not recovered through Energy Sales to Market

\$850.78

TOTAL CHARGES



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: 193009

INVOICE DATE: 6/2/2016

DUE DATE: 6/13/2016

TOTAL AMOUNT DUE: \$90,543.49

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: May, 2016				
DEMAND CHARGES: Base Financing Demand Charge: (Invoiced seperat	tely as of 1/1/07)			
Base Operating Expense Demand Charge: Seca Associated with JV5.	\$11.442014 \$0.000000	/kW* /kW*	3,088 kW = 3,088 kW =	\$35,332.94 \$0.00
TOTAL DEMAND CHARGES:	\$11.442014	/kW*	3,088 kW=	\$35,332.94
ENERGY CHARGES: JV5 Repl. Pwr. & Variable (Budgeted Rate): JV5 Fuel Cost (Actual Expense):	\$0.024031 \$0.000000	/ kWh * / kWh *	2,297,472 kWh = 2,297,472 kWh =	\$55,210.55 \$0.00
TOTAL ENERGY CHARGES:	\$0.024031	/ kWh *	2,297,472 kWh =	\$55,210.55
SUB-TOTAL:				\$90,543.49
				90.00 S0.00

					400 - 40
- 4 1 0 1 T O 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.44	and the second second second second	 Linear State of the Company of the National Company 	Control At A Market Control of the San State of the Control of the	\$90,543.49
Total OMEGA JV5 Invoice					サンレ, シャン・マン
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Fax: (614) 540-1078

INVOICE NUMBER:

193051

INVOICE DATE:

6/2/2016

DUE DATE:

6/13/2016

TOTAL AMOUNT DUE:

\$55,381.81

CUSTOMER NUMBER:

5020

City of Napoleon

r

CUSTOMER P.O. NUMBER:

BL980397

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

Napoleon, Ohio 43545-0151

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:

June, 2016

Financing CHARGES:

Debt Service

\$17.934524

/ kW *

3,088 kW =

\$55,381.81



AMERICAN MUNICIPAL POWER, INC.

1111 Schrock Rd, Suite 100

COLUMBUS, OHIO 43229

PHONE: (614) 540-1111

FAX: (614) 540-1078

INVOICE NUMBER:

193069

INVOICE DATE:

6/1/2016

DUE DATE:

6/17/2016

TOTAL AMOUNT DUE:

\$1,576.48

CUSTOMER NUMBER:

5020

CUSTOMER P.O. #:

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

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

Omega JV6

Project Capacity:

300 kW

Year 2016

Electric Fixed

300 kW * 5.25 per kW-Month

Total

June, 2016 -

Electric Fixed

\$1,576.48

AMOUNT DUE FOR:

TOTAL CHARGES

\$1,576.48

BILLING SUMMARY AND			البنيباب الماساطات المرابي	_		A						1	1		
ULY, 2016 016 - JULY BILLING WITH JUNE 2016 D															
116 - JOLY BILLING WITH JONE 2010 D		Jun-16					Cost / kWH	Jul-15	Jul-15	Jul-15	Cost / kWH	Aug-15 # of	Aug-15	Aug-15	Cost / kWl
ass and/or	Rate	# of	Jun-16	Jun-16	Billed kVa	Cost / kWH	Prior 12 Mo	# of Bills	kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month
hedule	Code		(kWh Usage)	\$190,965.01	of Demand	For Month \$0.1141	Average \$0.1051	3,351	2,075,385	\$230,585.66	\$0.1111	3.345	2,432,992	\$261,151.97	\$0.107
esidential (Dom-In)	E1E	3,339	1,674,098	\$402.55	0	\$0.1179	\$0.1075	10	5,539	\$621.73	\$0.1122	10	6,313	\$685.86	\$0.108 \$0.108
esidential (Dom-In) w/Ecosmart esidential (Dom-In - All Electric)	E2	611	379,613	\$42,421.37	0	\$0.1117	\$0.1035	611	371,740	\$41,369.32	\$0.1113	607 1	401.010 917	\$43,387.95 \$96.91	\$0.105
es.(Dom-In - All Elec.) w/Ecosmart	E2E	1	534	\$60.52	0	\$0.1133	\$0.1048		677	\$74.67	\$0.1103		31/		
otal Residential (Domestic)		3,960	2,057,659	\$233,849.45	0	\$0.1136	\$0.1048	3,973	2,453,341	\$272,651.38	\$0.1111	3,963	2,841,232	\$305,322.69	\$0.107
		755	586,997	\$70,250.79	ń	\$0.1197	\$0.1108	749	679.680	\$79,620.30	\$0,1171	752	731,539	\$83,480.22	\$0.114
esidential (Rural-Out) esidential (Rural-Out) w/Ecosmart	ER1E	4	1,833	\$235.87	0	\$0.1287	\$0.1155	4	2,199	\$273.52	\$0.1244	386	2,524 389.872	\$302.24 \$44,339.94	\$0.111 \$0.11
esidential (Rural-Out - All Electric)	ER2	384	355,880	\$41,847.24	0	\$0.1176		386	386,537	\$44,881.69 \$142.35	\$0.1161 \$0.1235	300	1,201	\$144.72	\$0.12
es. (Rural-Out - All Electric) w/Ecosmar	ER2E	2	1,701	\$201.66	263	\$0.1186 \$0.1125		15	1,153 30.981	\$3,430.53		15		\$2,003.96	\$0.11
esidential (Rural-Out w/Dmd)	ER3 ER4	16	27,150 7,392	\$3,054.38 \$879.39	63	\$0.1120		9	7.011	\$834.01	\$0.1190	9	7.864	\$906.42	\$0.11
esidential (Rural-Out - All Electric w/Dm	EK4		7,332	4013.32								4 400	1,150,878	\$131,177.50	\$0.11
otal Residential (Rural)		1,170	980,953	\$116,469.33	326	\$0.1187	\$0.1101	1,165	1,107,561	\$129,182.40				\$6,014.28	\$0.13
ommercial (1 Ph-in - No Omd)	EC2	75	42,140	\$5,948.45	17			74	45,227	\$6,275.38	\$0.1388 \$0.1907	75 42	43,780 7,054	\$1,329.85	\$0.18
ommercial (1 Ph-Out - No Drnd)	EC20	43	6,225	\$1,262.95	0	\$0.2029	\$0.1803	42	7,061	\$1,346.71	\$U.19U/		7,054	\$7,000,000	
			46 000	\$7,211.40	17	\$0.1491	\$0.1395	116	52,288	\$7,622.09	\$0.1458	117	50,834	\$7,344.13	\$0.14
otal Commercial (1 Ph) No Dmd		118	48,365	\$7,211.40		\$0.1451	- 30.1555								00.40
ommercial (1 Ph-In - w/Demand)	EC1	257	339,056	\$39,544.56	1692	\$0.1166	\$0.1287	257	300,429	\$42,301.06			339,892	\$45,546,10 \$4,489,48	\$0.13 \$0.13
Commercial (1 Ph-0ut - w/Demand)	EC10	24	29,990	\$4,043.76	154		\$0.1280	25	30,768	\$4,240.82	\$0.1378	25	33.702	34,465.46	90.10
								282	331,197	\$46,541.88	\$0.1405	281	373,594	\$50,035.58	\$0.13
Total Commercial (1 Ph) w/Demand		281	369,046	\$43,588.32	1,846	\$0.1181	\$0.1286	202	331,101	\$40,5 ¥1.00		1			
		- 2	160	\$55.18	14	\$0.3449	\$0.1360	2	80	\$45.54	\$0.5693	2	40	\$40.68	\$1.01
Commercial (3 Ph-Out - No Dmd)	EC40		700	400.10								2	40	\$40.68	\$1.01
otal Commercial (3 Ph) No Dmd		2	160	\$55.18	14	4 \$0.3449	\$0.1360	2	80	\$45.54	\$0.5693	2		\$40.00	
								207	1,555,155	\$185,286,12	\$0.1191	208	1,667.068	\$193,578.75	\$0.11
Commercial (3 Ph-In - w/Demand)	EC3	202	1,281,048	\$154,525.82	4690 1245			38	410,615	\$48,498.64			351.305	\$41,198.22	
Commercial (3 Ph-Out - w/Demand)	EC3O EC3S	39	286,219	\$35,062.05 \$0.00	1243	\$0.0000		2	148,920	\$16,349.54	\$0.1098		164.520	\$17,424.80	
Commercial (3 Ph-In - w/Dmd.&Sub-St.C Commercial (3 Ph-Out - w/Omd.&Sub-St.		3	127,640	\$14,187.89	44			3	200,400	\$21.574.45			141,360 2,960	\$15,487.53 \$362.43	
Commercial (3 Ph-In - w/Demand, No Ta		1	2,040	\$245.05	(6 \$0.120	\$0.1162	1	2.000	\$274.19	\$0.1371	· · · · · ·	2,960	3002.40	- 40.12
					0.20	3 \$0.120	2 \$0.1121	251	2,317,090	\$271,982.94	\$0.1174	252	2,327,213	\$268,051.73	\$0.11
Total Commercial (3 Ph) w/Demand		245	1,696,947	\$204,020.81	6,39	30.120.	40.1121					1			40.00
Large Power (In - w/Dmd & Rct)	EL1	21	2,477,658	\$236,532.65	581	6 \$0.095	5 \$0.0887	21	2.481,914	\$235,268.97				\$232,286.37	
Large Power (in - w/Dmd & Rct, w/SbCr)		3		\$83,363.79	197			1	753,680	\$60,286.30				\$27,074.00	
Large Power (Out - w/Dmd & Rct, w/SbC	EL20	1		\$34.899.72				1 2	313,200 81,846	\$31,319.52 \$16,481.63				\$14,751.37	
Large Power (in - w/Dmd & Rct, w/SbCr)	EL3	2	58,685	\$7,385.30	23	3 \$0.125	8 30.1200		01,040	010,401.00	-	1			
Total Large Power		27	3,822,136	\$362,181.46	8,88	2 \$0.094	8 \$0.0875	25	3,530,640	\$343,356.4	2 \$0.094	5 2	3,539,465	\$330,373.70	\$0.09
			000 474	\$82,403.94	187	8 \$0.083	2 \$0.0766	1	1,152,988	\$93,054.84	4 \$0.080	7	998.762	\$82,701.1	
industrial (In - w/Dmd & Rct, w/SbCr)	El1	1		\$77,160.17				1	1,077,121	\$88,456.90		1	1,052,393	\$85.875.6	\$0.0
Industrial (In - w/Dmd & Rct, No/SbCr)	EIZ.		342,032	377,100.17		-						4	2,051,155	\$168,576.7	\$0.0
Total Industrial	T	2	1,933,306	\$159,564.11	3,56	3 \$0.082	5 \$0.0762	2	2,230,109	\$181,511.7	4 \$0.081	<u>"</u>	2,001,100	\$100,010.11	7
					14	1 \$0.118	4 \$0.1048	8	49,074	\$5,581.3	4 \$0.113	7	51,229	\$5.640.6	
Interdepartmental (In - No Dmd)	ED1	7		\$3,583.85 \$0.00		0 \$0.000		0		\$0.0			0	\$0.0	
nterdepartmental (Out - No Dmd) Interdepartmental (Out - w/Omd)	ED10 ED20	2		\$68.39		0 \$0.185		2	825	\$122.5			885 21,096	\$127.6 \$2,841.8	
Interdepartmental (In - w/Dmd)	ED2	26		\$3,357.54		0 \$0.132		30	23,382	\$3,137.4 \$18,902.1				\$23,641.0	
Interdepartmental (3Ph-in - w/Dmd)	ED3	11		\$20,851.55				11 7	168,823 62,879	\$5,850.1				\$5,850.1	5 \$0.0
Interdepartmental (Street Lights)	EDSL	7		\$5,849.08 \$143.97		0 \$0.093 0 \$0.092				\$164.2			5 1,676	\$154.5	
Interdepartmental (Traffic Signals)	GJV2	9		\$308.85		\$0.017			16,671	\$695.0			15,739	\$712.3	
Generators (JV2 Power Cost Only) Generators (JV5 Power Cost Only)	GJV5	1		\$191.40	2	3 \$0.017		1	28,010	\$1,167.7	4 \$0.041	7	11,638	\$526.7	4 30.0
Total Interdepartmental	-	64	335,606	\$34,354.63	3 87	73 \$0.102	4 \$0.0984	75	351,446	\$35,620.5	5 \$0.101	4 7	8 381,331	\$39,494.9	1 \$0.1
				\$1,161,294.69	-	_	3 \$0.0971	5,891	12,473,752	\$1,288,514.9	- 4 \$0.103	3 5,88		\$1,300,417.7	
SUB-TOTAL CONSUMPTION & DEMAI	T	5,869	11,244,178	#1, 101,234.0: ========							:=	-		2========	-
						0 \$0.000	0 \$0.2335	15	0	\$13.5	9 \$0.000	x 0 1	5 0		
Street Lights (In)	SLO	16		\$13.74 \$0.7		0 \$0.000							2 0	\$0.7	7 \$0.0
Street Lights (Out)	SLOO	2	0	30.7		30.000							7 0	\$14.3	6 \$0.0
Total Street Light Only	1	18	0	\$14.5	1	0 \$0.000	00 \$0.2398	17	0	\$14.3	\$0.000	0 1	/ 0	>14.3	- 30.0
	1	-	11 244 170	\$1,161,309.2	0 21,9	 14 \$0.103	33 \$0.0971	5,908	12,473,752	\$1,288,529.3					
TOTAL CONSUMPTION & DEMAND	i	5,887	11,244,178	\$1,161,309.2									* ********	**********	= ===

BILLING SUMMARY AND																	
	COV																
ULY, 2016 016 - JULY BILLING WITH JUNE 2016 D	ATA BILL													Dec-15			
116 - JULY BILLING WITH JUNE 2010 D	ATA BILI	Sep-15				Oct-15		Det-15	Cost / kWH	Nov-15	Nov-15	Nov-15		# of	Dec-15	Dec-15	Cost / kWH
lass and/or	Rate	# of	Sep-15	Sep-15	Cost / kWH For Month	# of Bills	Oct-15 (kWh Usage)	Billed	For Month		kWh Usage)	Billed	For Month	Bilis	(kWh Usage)	Billed	For Month
chedule	Code		(kWh Usage) 3,009,830	<u>Billed</u> \$309,195,73	\$0.1027	3,342	2,616,403	\$258,762.94	\$0.0989	3.344	1,988,662	\$204,893.24	\$0.1030	3,356	1,798,371	\$184,274.36	\$0.1025 \$0.1058
esidential (Dom-In)	E1 E1E	3.357	8,544	\$880.66	\$0.1031	10	6.667	\$668.28	\$0.1002	10	4,698	\$496.63	\$0.1057	10 608	4,126 377,629	\$436.57 \$38.115.47	\$0,1009
lesidential (Dom-In) w/Ecosmart lesidential (Dom-In - All Electric)	E2	608	475,200	\$49,287.93	\$0.1037	611	420,610	\$42,035.32	\$0.0999	611	341,222	\$35,380.27 \$78.58	\$0.1037 \$0.1006	1	616	\$62.21	\$0,1010
tes.(Dom-In - All Elec.) w/Ecosmart	E2E	1	1,019	\$103.88	\$0.1019	1	889	\$87.10	\$0.0980		781	310.30	\$0,1000				
otal Residential (Domestic)		3,976	3,494,593	\$359,468.20	\$0.1029	3,964	3,044,569	\$301,553.64	\$0.0990	3,966	2,335,363	\$240,848.72	\$0.1031	3,975	2,180,742	\$222,888.61	\$0,1022
							705 000	\$82,819.91	\$0,1055	754	599,673	\$66,098.28	\$0.1102	758	639,997	\$69,004.14	\$0.1078
Residential (Rural-Out)	ER1	752	856.818	\$93,834,18	\$0.1095 \$0.1139	751	785,000 2,854	\$313.96	\$0.1100	4	2,178	\$252.82	\$0.1161	4	2,380	\$268.56	\$0.1128
Residential (Rural-Out) w/Ecosmart	ER1E	389	3.050 459.500	\$347.44 \$50.180.31	\$0.1092	388		\$45,060.90	\$0.1050	386	347,574	\$37,798.14	\$0.1087	387	392,331	\$41.522.79 \$178.64	\$0.1058 \$0.1081
Residential (Rural-Out - All Electric)	ER2E	2	1,369	\$157.93	\$0.1154	2		\$141.65	\$0.1117	2	1.369	\$153.67	\$0.1122	2	1,653 54,195	55,333.52	\$0.0984
Res. (Rural-Out - Ali Electric) w/Ecosmari Residential (Rural-Out w/Dmd)	ER3	15	9,622	\$1,118.35	\$0.1162	15	20,298	1 \$2,093.89	\$0.1032	15	18,711	\$1,972,49 \$1,044,46	\$0.1054 \$0.1068	15		\$2,837.96	\$0.0989
Residential (Rural-Out w/Diffe)		9	9,346	\$1,031.20	\$0.1103	9	8,917	\$945.17	\$0,1060	9	9,782	\$1,044,46	\$0.1000		20,100		
CONDUITOR (Trailer Doc 711 allocation)							4 047 574	\$131,375.48	\$0,1053	1,170	979,287	\$107,319.86	\$0.1096	1,175	1,119,264	\$119,145.61	\$0.1064
fotal Residential (Rural)		1,171	1,339,705	\$146,669.41	\$0.1095	1,169	1,247,574	\$ (31,373.40	30,1033	1,110							
			45.000	\$6,090.42	\$0.1335	77	46,878	\$6,031.02	\$0.1287	74	44,720	\$5,835.07	\$0.1305	74	46,142	\$5,915.34	\$0.1282 \$0.1572
Commercial (1 Ph-In - No Dmd)	EC2	75 42	45,629 7,671	\$1,378.18				\$1,288.03	\$0.1793	43	6,331	\$1,218.01	\$0.1924	43	10,729	\$1,686.33	\$0.1372
Commercial (1 Ph-Out - No Dmd)	EC2O	*2	7,071	31.070.10									40 4393	117	56,871	\$7,601.67	\$0.1337
Total Commercial (1 Ph) No Dmd		117	53,300	\$7,468.60	\$0.1401	119	54,060	\$7,319.05	\$0.1354	117	51,051	\$7,053.08	\$0.1382	11/	30,011	41,001.01	40.7001
Otal Commercial (1771) No Dino					1							\$44,482.88	\$0.1270	255	279.725	\$37,007.69	\$0.1323
Commercial (1 Ph-In - w/Demand)	EC1	257	380,148	\$48,330.68	\$0.1271	257		\$48,938.68	\$0.1244	255	350.282 29.420	\$3,757.18	\$0.1277	24		\$3,300.75	. \$0.1280
Commercial (1 Ph-Out - w/Demand)	EC10	24	34,571	\$4,404.97	\$0.1274	24	31,736	\$3,922.40	\$0.1236	24	29,420	33,731.10					
					·		125 025	\$52,861.08	\$0.1244	279	379,702	\$48,240.06	\$0.1270	279	305,507	\$40,308.44	\$0.1319
Total Commercial (1 Ph) w/Demand	Ì	281	414,719	\$52,735.6	\$0.1272	2 281	425,035	\$52,001.00	\$0.1244				1				
				545.1	\$0.5639	3 2	40	\$40.37	\$1.0093	2	80	\$44.86	\$0.5608	2	40	\$40.37	\$1.0093
Commercial (3 Ph-Out - No Dmd)	EC40	2	80	\$45.11	\$0.5633	<u>'</u>										\$40.37	\$1,0093
	ļ	2	80	\$45.1	\$0.563		40	\$40.37	\$1.0093	2	80	\$44.80	\$0.5608	2	40	\$40.57	\$1,0053
Total Commercial (3 Ph) No Dmd						1	1								1,511,932	\$165,693.78	\$0.1096
- 1.00 Pt 1	EC3	209	1,788,777	\$199,840.42	\$0.111	7 207	1,964,197	\$210,975.13		208	1,707,544	\$189,181.38		206 39		\$58,181,67	\$0.1046
Commercial (3 Ph-In - w/Demand) Commercial (3 Ph-Out - w/Demand)	EC3O	39	369,943	\$42,978.63				\$51,407.18			396,941	\$44,312.5 \$20,524.8	\$0.1116 \$0.1007	0		\$0.00	\$0.0000
Commercial (3 Ph-In - w/Dmd.&Sub-St.C		2	204,960	\$20.921.3				\$18,491.86			203,880 89,680	\$10,157.7		3		\$13,741.63	\$0.1016
Commercial (3 Ph-Out - w/Dmd.&Sub-St.		3	106,600	\$11,944.6			225,600	\$21,815.93		3	4.280	\$461.3		1	2.400	\$284.95	\$0.1187
Commercial (3 Ph-in - w/Demand, No Ta	EC3T	1	3,280	\$414.7	\$0.126	5	4,720	\$498.23	30,1030		4,200						
			2 220 200	4076 000 B	2 \$0.111	6 25	2,871,972	\$303,188.3	3 \$0.1056	253	2,402,325	\$264,637.8	2 \$0.1102	249	2,205,663	\$237,902.03	\$0.1079
Total Commercial (3 Ph) w/Demand	<u> </u>	254	2,473,560	\$276,099.8	2 \$0.711	<u> </u>	2,071,012									\$200 2EZ 42	\$0.0818
	EL1	21	2,809,626	\$244,150.0	3 \$0.086	9 2	2.879.666	\$240,200.9			2,689,846	\$229,516.7		21		\$220,257,42 \$82,880.55	\$0.0016
Large Power (in - w/Dmd & Rct) Large Power (in - w/Dmd & Rct, w/SbCr)		1	840,500	\$64,298.0				\$66,154.6			878.844	\$65,588.2			332.400	\$28,057.68	\$0.0844
Large Power (Out - w/Dmd & Rct, w/SbC		1		\$28,453.6			1 296,400	\$27,432.0			307,200 78,297	\$27,818.1 \$6,047.7			79,597	\$5,934.15	
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	79,802	\$9.925.8	2 \$0.124	4	78,359	\$12,388.6	6 \$0.158	2	10.231	30,041.7					
<u> </u>	1				<u> </u>		5 4,173,962	\$346,176.2	3 \$0.082		3,954,187	\$328,970.8	4 \$0.0832	27	4,205,732	\$337,129.80	\$0.080
Total Large Power		25	4,051,528	\$346,827.4	9 \$0.085	6 2	5 4,173,362	\$340,110.2	3. 30.002								
	J		4 402 505	\$90,044.7	6 \$0.075		1 1,179,109	\$83,199.0	2 \$0.070	3	1,127,275	\$81.054.4			1.206,433	583,318.08	\$0.069
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1		1,197,585	\$93,848.7			1 1,186,209	\$83,569.8		5 1	1,158.099	\$83,221.6	6 \$0.0719		1,128,579	\$79,886.73	3 \$0.070
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2		1,250,311	955,648.1	- 40.01	"									2 2,335,012	\$163,204.8	1 \$0.069
Total Industrial		2	2,466,562	\$183,893.5	2 \$0.074	16	2 2,365,318	\$166,768.8	2 \$0.070	5 2	2,285,374	\$164,276.0	9 \$0.0719	<u> </u>	2,333,012	\$103,204.0	
T WEGI HIVUSHIGT	1	·									27.057	\$3,472.7	7 \$0.1076		34,464	\$3,802.9	2 \$0,110
Interdepartmental (In - No Dmd)	ED1	8	53,261	\$5,694.6			8 45,505	\$4,669.2				\$0.0			0 0	\$0.0	0 \$0.000
Interdepartmental (Out - No Dmd)	ED10		0	\$0.0			0 0	\$0.0 \$128.9				\$106.4			2 327	\$59.8	
Interdepartmental (Out - w/Dmd)	ED2O	2	1,033	\$141.7			2 961 7 22,259	\$2,753.3			1	\$3,168.5	1 \$0.1234	2		\$4,336.9	
Interdepartmental (In - w/Dmd)	ED2	27		\$3,193.6			1 207,274					\$16,726.		1	1 214,542	\$21,414.5	
Interdepartmental (3Ph-In - w/Dmd)	ED3	117		\$21,275.1 \$5,850.1			7 62.879			0 7		\$5,849.0			7 62.879	\$5,862.3 \$182.5	
Interdepartmental (Street Lights)	EDSL.			\$153.			4 1,707		6 \$0.092			\$168.			5 1.974 1 17.671	\$662.8	
Interdepartmental (Traffic Signals) Generators (JV2 Power Cost Only)	GJV2						1 15,735								1 12.297	\$461.2	
Generators (JV5 Power Cost Only)	GJV5						1 12,197	\$489.	0 \$0.040	1 1	11,408	\$408.0	30.0330		12.2.51		
Generators (545) one: Cost 645)	1				<u>-</u>		-		 95. \$0.094	3 71	313,226	\$30,521.	\$0.0974	7	4 380,724	\$36,783.1	3 \$0.096
Total Interdepartmental		72	371,425	\$37,413.	19 \$0.10	07	71 368,517	\$34,747.	30.054	-	313,220						-1
			1	A4 614 465			35 14,551,047	\$1,344,030.	5 \$0.092	4 5,885	12,700,595	\$1,191,912.	95 \$0.0938	5,90	0 12,789,555		
SUB-TOTAL CONSUMPTION & DEMA	ND	5,900				62 5,8	===========			1	=========				=========		=
				*********				1								\$13.5	59 \$0.000
	SLO	15	t	\$13.	59 \$0.00	oot	15 0	\$13.				\$13.			5 0	\$13.5	
Street Lights (in)	SLOC		6	+			2 0			00 2	0	\$0.	77 \$0.0000	4	2 0	19(7.1	- 90.000
Street Lights (Out)	SLUC		-							0 16	0	\$14.	20 \$0.0000		17 0	\$14.3	\$0.000
	i i						17 (\$14.	36 \$0.000				: 40.000	1	1		
	-	17	7 0	\$14.	36 \$0.00	001	17 (1	36 40.00		1			T			
Total Street Light Only TOTAL CONSUMPTION & DEMAND		5,91	-										15 \$0.093		12,789,555		

ELECTRIC							DICC	ING DETERMIN										
ILLING SUMMARY AND	COV																	
Y, 2016	ATA DII I													Apr-18				May-
6 - JULY BILLING WITH JUNE 2016 D	AIABILI	Jan-16				Feb-16			04153401	Mar-16	Mar-16	Mar-16	Cost / kWH	# of	Apr-16	Apr-16	Cost / kWH	# (
ss and/or	Rate	# of	Jan-16	Jan-16	Cost / kWH	# of Bills	Feb-16 (kWh Usage)	Feb-16 Billed	Cost / kWH For Month	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month	則
nedule	Code E1	3,336	(kWh Usage) 1,861,416	\$195,822.68	\$0.1052	3,343	2,336,473	\$233,564.23	\$0.1000	3,345	2,347,687	\$244,491.10	\$0.1041	3,345 q	2,115,617 3,918	\$223,079,18 \$429,97	\$0.1054 \$0.1097	3,
sidential (Dom-In) sidential (Dom-In) w/Ecosmart	E1E	10	4,037	\$441.29	\$0,1093	9	4,542	\$469.07	\$0.1033	9	4,327 756.980	\$468.00 \$76,046.71	\$0.1082 \$0.1005	608	638,315	\$64,884.51	\$0.1016	
sidential (Dom-In - All Electric)	E2	603	469,722	\$47,982.01	\$0,1021	605	655,616 545	\$63,527.74 \$55.80	\$0.0969 \$0.1024	608	136.960	\$63.13	\$0.1057	1	596	\$63.19	\$0.1060	1
s.(Dom-In - All Elec.) w/Ecosmart	E2E	1	481	\$51.43	\$0.1069		345	φ50.00						3,963	2,758,446	\$288,456.85	\$0.1046	3.
tal Residential (Domestic)		3,950	2,335,656	\$244,297.41	\$0.1046	3,958	2,997,176	\$297,616.84	\$0.0993	3,963	3,109,591	\$321,068.94	\$0.1033					
		750	692,545	\$76,216.42	\$0,1101	757	907,174	\$94,694.90	\$0.1044	759	875.454	\$95,412.70	\$0.1090	756		\$86,047.23 \$296.42	\$0.1103 \$0.1164	1
esidential (Rural-Out) esidential (Rural-Out) w/Ecosmart	ER1E	756 4	2,902	\$327.89	\$0.1130	4	3,834	\$408.52	\$0.1066	4	3.230	\$364.37	\$0.1128 \$0.1068			\$54,947,15	\$0.1082	
esidential (Rural-Out - All Electric)	ER2	383	425.593	\$46,020,44	\$0.1081	383	551,963	\$56,838.04		384 2	587,960 2,960	\$62,814.15 \$317.12	\$0.1071	2	2.616	\$283.32	\$0.1083	
es. (Rural-Out - All Electric) w/Ecosmar	ER2E	2	2.005	\$218.79	\$0.1091	21	2,918	\$300.36 \$2,651.52		16	30,157	\$3,181.29		16		\$2,948.93	\$0.1063	4
tesidential (Rural-Out w/Dmd)	ER3	16	98,686	\$9,894.24 \$1,455.82	\$0.1003 \$0.1056	16	10,004	\$1,051.19		9	11,290	\$1,222.89	\$0.1083	9	9,995	\$1.096.12	\$0.1097	1
esidential (Rural-Out - All Electric w/Dm	ER4								40 4020	1,174	1,511,051	\$163,312.52	\$0,1081	1,171	1,330,839	\$145,619.17	\$0.1094	1 1
otal Residential (Rural)		1,170	1,235,523	\$134,133.60	\$0,1086	1,171	1,501,865	\$155,944.53	\$0.1038	1,1/4						\$6,871.47	\$0.1308	<u>.</u>
Commercial (1 Ph-In - No Omo)	EC2	74	43,794	\$5,800.34		74	52,205	\$6,581,79		75	53,648 8,383	\$6,982.89 \$1,468.25	\$0.1302 \$0.1751	75 43		\$1,508.23	\$0.1731	
Commercial (1 Ph-Out - No Dmd)	EC20	43	8,154	\$1,432.14	\$0.1756	43	8.018	\$1,392.38	\$0.1737	43	8,363	\$1,460.20	Ψυ.τιστ					-
		117	51,948	\$7,232.48	\$0,1392	117	60,223	\$7,974.17	\$0.1324	118	62,031	\$8,451.14	\$0.1362	118	61,265	\$8,379.70	\$0.1368	⁴—-
Total Commercial (1 Ph) No Dmd		337	31,345	\$1,EUE40	40.1002							7.0.7.4.70	60 4000	255	300.781	\$39,283.01	\$0.1306	6
Commercial (1 Ph-in - w/Demand)	EC1	255	275,088	\$36,491.09		256	306,848	\$38,364.05		255	337,026 41,186	\$42.741.72 \$4,956.90	\$0.1268 \$0.1204			\$4,539.18	\$0.124	
Commercial (1 Ph-Out - w/Demand)	EC10	24	30,192	\$3.885.43	\$0,1287	24	36.267	\$4,391.42	\$0.1211	24	41,100	34,330.00						9
		270	305,280	\$40,376.52	\$0.1323	280	343,115	\$42,755.47	\$0.1246	279	378,212	\$47,698.62	\$0.1261	279	337,251	\$43,822.19	\$0.1299	'
Total Commercial (1 Ph) w/Demand		279	363,280	\$40,310.32	90.1320							P140 40	\$0.1495	7	880	\$136.11	\$0.154	7
Commercial (3 Ph-Out - No Dmd)	EC40	2	15.040	\$1,719.24	\$0.1143	2	400	\$79.67	\$0.1992	2 2	1,000	\$149.48	30.1430	1				_
			45.040	\$1,719.24	S0.1143	2	400	\$79.67	\$0.1992	2 2	1,000	\$149.48	\$0.1495	5 2	880	\$136.11	\$0.154	4
Total Commercial (3 Ph) No Dmd		2	15,040	\$1,719.24	30.1143	† *								- 201	1,330,300	\$150,670.14	\$0.113	-
Commercial (3 Ph-In - w/Demand)	EC3	205	1,414,090	\$158,505.09		205	1,396,306	\$152,228.19		204		\$165,735.10 \$42,543.57				538,541.02	\$0.114	
Commercial (3 Ph-Out - w/Demand)	EC3O	39		\$48,468.19		39	355,628	\$38,994.81 \$0.00				\$0.00	-4		0	50.00		
Commercial (3 Ph-In - w/Omd.&Sub-St.C		0		\$0.00 \$14,239.58		3	137,920	\$14,016.49				\$15,798.47				\$13,890.0 \$240.0		
Commercial (3 Ph-Out - w/Dmd.&Sub-St. Commercial (3 Ph-in - w/Demand, No Ta	E3SO EC3T	3	1,840	\$211.56			1,920	\$212.10			2,160	\$242.85	\$0.112	4 1	2,120	5240.0	30.113	1 -
Commercial (3 FIFR) - Wibertand, 110 72							4 554 774	\$205,451.5	9 \$0.1086	8 247	2,023,611	\$224,319.99	\$0.116	9 244	1,800,043	\$203,341.2	\$0.113	0
Total Commercial (3 Ph) w/Demand		248	1,992,070	\$221,424.42	2 \$0.1112	248	1,891,774	\$205,451.5	3 30.1000		2,020,0					1010 000 1	\$0.090	
9.11.9.0	EL1	21	2,403.640	\$211,797.66	6 \$0.0881	21	2,310,925	\$199,175.2		2 21		\$221,085.42			2,385,374	\$216,220.14 \$67,444.5		
Large Power (In - w/Dmd & Rct) Large Power (In - w/Dmd & Rct, w/SbCr)		3		\$79,375.2		3	1,009.639	\$77,760.0				\$84,501.9 \$28,467.29			338,400	\$30.419.4		
Large Power (Out - w/Dmd & Rct, w/SbC		1		\$26,076.70			246,000	\$21,470.2° \$6,264.0°				\$6,619.2			72,927	\$6,016.7	\$0.082	5
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	70.607	\$7,256.6	9 \$0.1028	2	85,654	36.204.0	40.075	1 =			-			4000 400 0	\$0.088	
Total Large Power		27	3,763,919	\$324,506.3	8 \$0.0862	2 27	3,652,218	\$304,669.6	5 \$0.083	4 2	4,011,755	\$340,673.9	2 \$0.084	9 2	7 3,603,907	\$320,100.8	30.000	"
							257.422	\$74,102.4	3 \$0.077	, -	1,194,711	\$89,279.0	2 \$0.074	7	1 1,035,693	\$80.055.2		
Industrial (In - w/Dmd & Rct, w/SbCr)	El1	1	1,156,158	\$87,758.3			957,122 896,274	\$67,913.5			1,122,083			8	1,052,644	\$78,469.1	3 \$0.074	.5
Industrial (In - w/Dmd & Rct, No/SbCr)	El2	1	1,023,505	\$77,586.4	4 \$0.0736		030,214						4 \$0,073		2 2,088,337	\$158,524.3	\$0.075	i9 -
Total Industrial	†	2	2,179,663	\$165,344.7	9 \$0.075	9 2	1,853,396	\$142,015.9	5 \$0.07 6	6	2,316,794	\$170,980.6	4 \$0.073		2 2,000,337			
			00.400	## 220 O	9 \$0.100	8	79,167	\$7,560.5	7 \$0.095	5	65,565	\$6,459.4			8 51.501	\$5,211.4		
Interdepartmental (in - No Dmd)	ED10	8		\$6,320.9 \$0.0						0 (0 0	\$0.0			0 0 235	\$0.0 \$50.8		
Interdepartmental (Out - No Dmd) Interdepartmental (Out - w/Dmd)	ED2O	2		\$50.8		7 2	240				2 192 6 70,540					\$6,096.1		
Interdepartmental (in - w/Dmd)	ED2	27		\$5,868.1				\$8,762.5 \$25,478.6							1 251,871	\$26,080.0		
Interdepartmental (3Ph-In - w/Dmd)	ED3	11		\$21,129.5 \$5,850.1			257.347 62,879				62,879	\$5,849.0	8 \$0.093		7 62.879	\$5,850.1		
Interdepartmental (Street Lights)	EDSL EDTS	7	62,879	\$169.6		<u> </u>	2.189		88 \$0.092						9 1,771 1 18,065	\$163.7 -\$265.0		
Interdepartmental (Traffic Signals) Generators (JV2 Power Cost Only)	GJV2			\$676.1	9 \$0.035	2 1	23.269				21,905				1 13,192			47
Generators (JV5 Power Cost Only)	GJV5			\$465.0	4 \$0.035	2 1	15,064	\$530.5	55 \$0.03 5	×	1 16,067	93,3.2	-					٠ ا
		72	415,596	\$40,530.7	72 \$0.097	5 72	517,617	\$49,253.6	56 \$0.095	52 6	7 545,590	\$52,843.3	\$0.096	69 6	5 450,418	\$42,993.9	3 \$0.09	20
Total interdepartmental	-										0 42 050 624	\$1,329,498.5	\$0.095	52 5,87	1 12,431,386	\$1,211,374.3	9 \$0.09	74
SUB-TOTAL CONSUMPTION & DEMAI	ND	5,867	12,294,695							5,87	9 13,959,63			<u> </u>	***********			
	Ţ		22200000000	********	=			========		 	1	1					4 40.00	20
	+	15	5 0	\$13.5	\$0.000	0 15	0	\$13.5			6 1,463				2 0	\$13. \$0.		
Street Lights (In) Street Lights (Out)	SLOO								77 \$0.000	00	2	\$0.7	77 \$0.000			30.	-1	
Super Eights (Out)					_			\$14.	36 \$0.000	00 4	8 1,46	\$192.	53 \$0.13	16 1	8 0	\$14.	0 \$0.00	00
Total Street Light Only		17	7 0	\$14.	36 \$0.000	17		\$14.		`\:		-			48 484 555	E4 244 200	 19 \$0.09	74
TOTAL CONSUMPTION & DEMAND		5,884	4 12,294,695	\$1,179,579.5	92 \$0.095	5,894	12,817,784			41 5,89					12,431,386			
ELLIN AL COMMUNICION & DEMAND	1	3,00						===23334==		1 =====	= =====================================		======					

BILLING SUMMARY AND	COV												
JULY, 2016	TATA OH												
2016 - JULY BILLING WITH JUNE 2016 D	JAIABILI				Jun-16				TOTAL	TOTAL	Avg.Cost	Avg.Num.	Avg.Per.%
Class and/or	Rate	May-16	May-16	Cost / kWH	# of	Jun-16	Jun-16	Cost / kWH	KWH USEAGE	BILLING	Per kWH	of Bills	of Bills
Schedule	Code	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month	PRIOR 12 MQ	PRIOR 12 MO	For Period	For Period	For Period
Residential (Dom-In)	E1	1,745,478	\$196,444,14	\$0,1125	3,339	1,674,098	\$190,965.01	\$0.1141	26,002,412	\$2,733,230.24	\$0,1051	3,344	56.7046%
Residential (Dom-In) w/Ecosmart	E1E	3.507	\$408.58	\$0.1165	9	3,414	\$402.55	\$0.1179	59,632	\$6,409.19	\$0.1075	10 608	0.1625% 10.3162%
Residential (Dom-In - All Electric)	E2	457,976	\$49,954.20	\$0,1091	611	379,613	\$42,421.37	\$0.1117	5,745,633	\$594,392.80		500	0.0170%
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	511	\$57.67	\$0.1129	1	534	\$60.52	\$0.1133	8,163	\$855.09	\$0.1048	-	0.017078
									A4 A4 P D 4 D	PO 224 007 22	\$0.1048	3,963	67.2003%
Total Residential (Domestic)		2,207,472	\$246,864.59	\$0.1118	3,960	2,057,659	\$233,849.45	\$0.1136	31,815,840	\$3,334,887.32	30.1040	3,303	07.200370
			,.,		i		470 050 70	60.4407	0.700.746	\$975,195.81	\$0.1108	754	12.7890%
Residential (Rural-Out)	ER1	663,486	\$77,716.74	\$0.1171	755	586.997	\$70,250.79	\$0.1197	8,798,316 31,858	\$3,678.07			0.0678%
Residential (Rural-Out) w/Ecosmart	ER1E	2,328	\$286.46	\$0.1230	4	1,833	\$235.87	\$0.1287	5,261,462	\$575,255.25		385	6.5322%
Residential (Rural-Out - All Electric)	ER2	427.039	\$49,004.46	\$0.1148	384	355,880	\$41,847.24	\$0.1176	22,115	\$2,461.43		2	0.0339%
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	1.902	\$221,22	\$0.1163	2	1,701	\$201.66	\$0.1186	383,313	\$40,158.90		16	0.2628%
Residential (Rural-Out w/Dmd)	ER3	21,910	52,475.80	\$0.1130	16	27,150	\$3,054.38	\$0.1125	132,009			9	0.1526%
Residential (Rural-Out - All Electric w/Dm	ER4	7,908	\$926.67	\$0,1172	9	7.392	\$879.39	\$0.1190	132,009	\$14,231.30	90.1070		0.702070
						980,953	\$116,469.33	\$0.1187	14,629,073	\$1,610,980.76	\$0.1101	1,170	19.8384%
Total Residential (Rural)		1,124,573	\$130,631.35	\$0.1162	1,170	980,953	\$115,463.33	30.1107	(4,023,013	41,510,000.70	 		
						40.140	\$5,948.45	\$0.1412	562,093	\$74,637.08	\$0.1328	75	1.2675%
Commercial (1 Ph-In - No Dmd)	EC2	45,379	\$6,290.63	\$0.1386	75	42,140		\$0.2029	92,181	 		43	0.7234%
Commercial (1 Ph-Out - No Dmd)	EC2O	6,659	\$1,308.66	\$0.1965	43	6,225	\$1,262.95	\$0.2029	32,101	4 10,013.1Z	\$0000		[
					444	40 357	\$7,211.40	\$0,1491	654,274	\$91,256.80	\$0.1395	117	1.9909%
Total Commercial (1 Ph) No Dmd	į	52,038	\$7,599.29	\$0.1460	116	48,365	\$1,∡11.4U	30,1431	004,214	45 1,230.00	1	t	
						202.055	COO F44 FC	60 4166	3,955,923	\$509,160.37	\$0.1287	256	4.3393%
Commercial (1 Ph-In - w/Demand)	EC1	353,349	\$46.128.85	\$0.1305	257	339,056	\$39,544.56	\$0.1166		\$50,318.54		24	
Commercial (1 Ph-Out - w/Demand)	EC10	33,089	\$4,386,25	\$0,1326	24	29,990	\$4,043.76	\$0.1348	393,173	330,310.34	40.1200		1
	Ì					700 040	\$43,588.32	\$0.1181	4,349,096	\$559,478.91	\$0.1286	280	4.7491%
Total Commercial (1 Ph) w/Demand		386,438	\$50,515.10	\$0,1307	281	369,046	\$43,300.32	30.1101	4,343,050	V300;4: 0/2	1	1	1
		J	****	40.0000	<u> </u>	160	\$55.18	\$0.3449	18,240	\$2,480.17	\$0.1360	2	0.0339%
Commercial (3 Ph-Out - No Dmd)	EC40	400	\$83.56	\$0.2089	2	1003	\$33.10	\$0.5443	10,240	4-1			
	<u> </u>		A00 F0	en 2000		160	\$55.18	\$0.3449	18,240	\$2,480.17	\$0.1360	2	0.0339%
Total Commercial (3 Ph) No Dmd	ļ	400	\$83,56	\$0.2089	2	100	#33.10	\$0.5445	1		1	 	
						4.004.040	64E4 E3E 03	\$0.1206	18,446,100	\$2,084,349.84	\$0.1130	206	3.4844%
Commercial (3 Ph-In - w/Demand)	EC3	1,337,448	\$158,129,92		202		\$154,525.82						
Commercial (3 Ph-Out - w/Demand)	EC3O	333,423	\$39.624.69		39		\$35,062.05					1	0.0141%
Commercial (3 Ph-In - w/Dmd.&Sub-St.C		0	\$0.00		. 0		\$0.00			· · · · · · · · · · · · · · · · · · ·			0.0509%
Commercial (3 Ph-Out - w/Omd.&Sub-St.	E3SO	134,040	\$14,680.26				\$14,187.89		1,716,880				0.0170%
Commercial (3 Ph-in - w/Demand, No Ta	EC3T	2,000	\$238.27	\$0.1191	1	2,040	\$245.05	\$0.1201	31,720	\$3,000.71	- 90.1102		1
				· <u> </u>					25,809,179	\$2,893,093.86	\$0.112	249	4,2248%
Total Commercial (3 Ph) w/Demand	<u> </u>	1,806,911	\$212,673.14	\$0.1177	245	1,696,947	\$204,020.81	\$0,1202	23,009,113	\$2,000,000.00	44.112		1
	i	<u> </u>		1			#DOC #30 CF	\$0.0955	30,631,640	\$2,718,224.60	\$0.088	21	0.3561%
Large Power (In - w/Dmd & Rct)	EL1	2,454.545	\$231,732.96				\$236.532.65						0.0367%
Large Power (In - w/Dmd & Rct, w/SbCr)		912,431	\$78,956.21		3		\$83,363.79						0.0170%
Large Power (Out - w/Dmd & Rct, w/SbC	EL20	370,800	\$33,718.56			366,000	\$34,899.72						0.0339%
Large Power (in - w/Dmd & Rct, w/SbCr)	EL3	93,761	\$14,517.81	\$0.1548	2	58.685	\$7,385.30	\$0.1256	942,530); 3113,303.21	90.120.	´1	0.00007
						2 200 400	* 200 ADA A	\$0.0948	46,240,980	\$4,043,892.2	8 \$0.087	5 26	0.4437%
Total Large Power		3,831,537	\$358,925.54	\$0.0937	27	3,822,136	\$362,181.40	30.0340	40,240,300	34,040,002.2.		1	
	1				<u></u>	500 171	600 402 0	\$ \$0.0832	13,227,022	\$1,012,828.8	4 \$0.076		0.0170%
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1,030,712	\$85,857.58		1								0.0170%
Industrial (In - w/Dmd & Rct, No/SbCr)	El2	990.465	\$79.362.02	\$0.0801	1	942,832	\$77,160.1	\$0.0010	12,033,10		- 40.0.0		-
	L			40.004	7 2	1,933,306	\$159,564.1	1 \$0.082	5 26,126,20	\$1,989,881.2	0 \$0.076	2	0.0339%
Total industrial		2,021,177	\$165,219.60	\$0.0817	4	1,933,300	3139,304.1	70.002.	20,120,20	¥ ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1		
	i		44.607.0			20.257	\$3,583.8	5 \$0.118	4 597,81	9 \$62,635.7	9 \$0.104	8	0.1342%
Interdepartmental (In - No Dmd)	ED1	42,349	\$4,637.8			30.257	\$3,365.63			\$0.0			0.0000%
Interdepartmental (Out - No Dmd)	ED10	0	\$0.00			369							0.0339%
Interdepartmental (Out - w/Dmd)	ED20	368	\$67.89										0.4649%
Interdepartmental (in - w/Dmd)	ED2	41,532	\$5,247.09						4714-11-				
Interdepartmental (3Ph-In - w/Dmd)	ED3	235,903	\$25,894.9										7 0.1187%
Interdepartmental (Street Lights)	EDSL	62,879	\$5,849.0			62,879							
Interdepartmental (Traffic Signals)	EDTS	1,663	\$153.7			1,557							0.0170%
Generators (JV2 Power Cost Only)	GJV2		\$533.0		·+							_1	1 0.0170%
Generators (JV5 Power Cost Only)	GJV5	13,635	\$381.9	2 \$0.028	<u></u>	10,693	3131,4	30.017	100,00	- 421.30.0	-1	1	-1
				-		335,606	\$34,354.6	3 \$0.102	4 4,848,85	\$477,322.2	7 \$0.098	4 7	0 1.1926%
Total Interdepartmental		417,360	\$42,765.5	6 \$0.102	5 64	333,600	\$34,334.0	3 30.102	1,0.0,00				
				-		44 244 479	\$1,161,294.6	9 \$0.103	3 154,491,74	7 \$15,003,273.5	7 \$0.097	1 5,88	0 99.7075%
SUB-TOTAL CONSUMPTION & DEMA	ND	11,847,906	\$1,215,277.7		5,869	11,244,178			***********			1	1
L	4		=========	# 				-					
			***		A	-	\$13.7	4 \$0.000	0 1,46	31 \$341.5	4 \$0.233	5 1	5 0.2586%
Street Lights (In)	SLO	<u>0</u>								0 \$9.2			2 0.0339%
Street Lights (Out)	SLOO	0	\$0.7	7 \$0.000	<u> </u>	2 0	0.1						
		0	\$14.5	1 \$0.000	0 1	8 0	\$14.5	1 \$0.000	1,46	3 \$350.7	7 \$0.239	8 1	7 0.2925%
Total Street Light Only			314.3		<u> </u>		7.4	-1					
TOTAL CONSUMPTION & DEMAND		11,847,906	\$1,215,292.2	4 \$0.102	6 5,88	7 11,244,178	\$1,161,309.2	0 \$0,103	3 154,493,21	0 \$15,003,624.3	\$4 \$0.097		
TOTAL CONSUMP HON & DEMAND		2222222222			***						:=[2222	=
1					-								



AMERICAN MUNICIPAL POWER INC ATTN TREASURY DEPT 1111 SCHROCK RD COLUMBUS OH 43229 00-0-M -Q-PC -153-04 0116208-00-00546-04 10607 Page 1 of 5

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

This statement is for the period from May 1, 2016 to May 31, 2016

QUESTIONS?

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

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

Analyst: CAROLYN KETCHMARK Phone 651-466-6197



00-0-M -Q-PC-153-04 01060704 10607 0116208-00-00546-04 Page 2 of 5

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

This statement is for the period from May 1, 2016 to May 31, 2016

A PROPERTY OF THE PROPERTY OF	VARDESIMMARY (****	
	Current Period 05/01/16 to 05/31/16	
Beginning Market Value	\$1,290,448.40	
Investment Results		
Interest, Dividends and Other Income	6.39	
Total Investment Results	\$6.39	
Ending Market Value	\$1,290,454.79	





00-0-M -Q-PC -153-04 01060704 10607 0116208-00-00546-04 Page 3 of 5

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

This statement is for the period from May 1, 2016 to May 31, 2016

ara an		iapaineas di L	764741:3444		
Shares or Face Amount	Security Description	Market Value/ Price	Tax Cost/ Unit Cost	% of Total Yield at Market	Est Ann Inc
Cash Equi	valents				
1,290,454.790	First American Government Obligation Fund CI A 31846V849	1,290,454.79 1.0000	1,290,454.79 1.00	100.0 .01 **	76.14
Total Cast	n Equivalents	\$1,290,454.79	\$1,290,454.79	100.0	\$76.14
Cash					
	Principal Cash	- 454.79	- 454.79		
	Income Cash	454.79	454.79		
	Total Cash	\$0.00	\$0.00	0.0	
Total As	sets	\$1,290,454.79	\$1,290,454.79	100.0	\$76.14

ASSECTEDE ALEMESSAGES

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

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

For further information, please contact your Analyst.

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



00-0-M -Q-PC -153-04 01060704 10607 Page 4 of 5

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

This statement is for the period from May 1, 2016 to May 31, 2016

	SUMMASSET LE		
	Income Cash	Principal Cash	Tota Cash
Beginning Cash Balance as of 05/01/2016	\$448.40	- \$448.40	\$.00
Taxable Interest	6.39		6.39
Net Money Market Activity		- 6.39	- 6.39
Ending Cash Balance as of 05/31/2016	\$454.79	- \$454.79	\$0.00

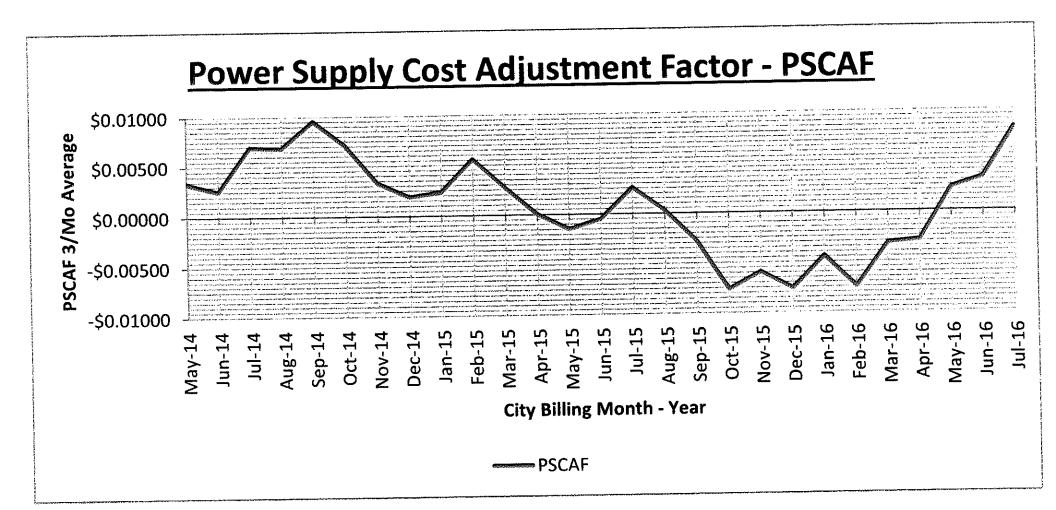




ACCOUNT NUMBER: 12-6239-05 AMERICAN MUNICIPAL POWER, INC. RATE STABILIZATION FUND FOR THE CITY OF NAPOLEON OHIO STABILIZATION FUND

This statement is for the period from May 1, 2016 to May 31, 2016

Date Posted	Description	Income Cash	Principal Cash	Ta: Cos
-	Beginning Balance 05/01/2016	\$448.40	- \$448.40	\$1,290,448.4
05/02/16	Interest Earned On First Amer Govt Oblig Fund Cl A Interest From 4/1/16 To 4/30/16 31846V849	6.39		
05/03/16	Purchased 6.39 Units Of First Amer Govt Oblig Fund Cl A Trade Date 5/3/16 31846V849		- 6.39	6.39
	Ending Balance 05/31/2016	\$454.79	- \$454.79	\$1,290,454.7



Rate Comparisons to Prior Month a	110 1 1101 1	· · · · · · · · · · · · · · · · · · ·	Current	Prior Month	Prior Year	1		Current	Prior Month	Prior Year
	Service	Service	July	June	July	Service	Service	July	June	July
Custome <u>r Type</u>	Usage	Units	2016 Rate	2016 Rate	2015 Rate	Usage	<u>Units</u>	2016 Rate	2016 Rate	2015 Rate
Customer Type ->		RESIDE		R - (w/Gas Hea	at)		RESIDI	*6.00	R - (All Electri \$6.00	<u>56.00</u>
Customer Charge		:	\$6.00	\$6.00	\$6.00				and the second s	\$33.39
Distribution Energy Charge			\$20.93	\$20.93	\$20.93		. · · · · · · · · · · · · · · · · ·	\$33.39	\$33.39	433.3
Distribution Demand Charge				<u> </u>				#442.05	61 42 OE	\$143.8
Power Supply Energy Charge	978	kWh	\$71.20	\$71.20	\$71.20	1,976	kWh	\$143.85	\$143.85	\$140.0
Power Supply Demand Charge	•							440.00	CC 40	\$5.0
PSCAF - Monthly Factor	978	kWh	\$8.03	\$3.17	\$2.51	1,976	kWh	\$16.22	\$6.40	manager of the control of the contro
WH Tax- Level 1	978	kWh	\$4.55	\$4.55	\$4.55	1,976	kWh	\$9.19	\$9.19	\$9.19
kWH Tax- Level 2					. <u> </u>			· · · · · · · · · · · · · · · · · · ·		
kWH Tax- Level 3					I					
										6407 F
Total Electric			\$110.71	\$105.85	\$105.19		4	\$208.65	\$198.83	\$197.51
					I				: 	***********
Water	6	CCF	\$42.27	\$41.37	\$39.57	11	CCF	\$68.02	\$66.37	\$63.0
Sewer (w/Stm.Sew. & Lat.)	6	CCF	\$70.89	\$64.63	\$54.58	11	CCF	\$98.89	\$90.08	\$76.7
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	I		\$18.00	\$18.00	\$18.00
Netuse (Nate/Oct Vice)		-					_			
Sub-Other Services			\$140.66	\$133.50	\$121.65			\$194.41	\$183.95	\$167.35
		<u>-</u>	4054.07	\$20.2E	\$226.84			\$403.06	\$382.78	\$364.80
Total Billing - All Services	<u>:</u>	<u> </u>	\$251.37	\$239.35 \$239.35	\$226.84			\$403.06	\$382.78	\$364.8
Verification Totals->		<u></u>	\$251.37	Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr				Cr.Mo to Pr.Mo	Cr.Yr to Pr.Y
			<u> </u>	\$12.02	\$24.53		T		\$20.28	\$38.2
Dollar Chg.to Prior Periods			-		10.81%				5.30%	10.479
% Inc/Dec(-) to Prior Periods	;	<u> </u>	-	5.02%	10.01 76			!		
	_=====	. =====		=======			_ ====	=====	=======	=======
	:					1 ,	kWh	\$0.10559	\$0.10062	\$0.0999
Cost/kWH - Electric	978	: kWh	\$0.11320	\$0.10823	\$0.10756	1,976	KAAII	φυ. 1033 3	4.94%	5.649
% Inc/Dec(-) to Prior Periods	<u> </u>		·	4.59%	5.24%			<u>:</u> :	7.3770	J.J.
			<u>.</u>	************************************			CCF	\$6,18364	\$6.03364	\$5.7336
Cost/CCF - Water	6	CCF	\$7.04500	\$6.89500	\$6.59500	11	GAL	\$0.00827	\$0.00807	\$0.0076
Cost/GALLONS - Water	4,488	GAL	\$0.00942	\$0.00922	\$0.00882	8,229	GAL	φυ.υυο27	2.49%	7.859
% Inc/Dec(-) to Prior Periods	+	· 		2.18%	6.82%	.		<u>: </u>	2.4370	
Cost/CCF - Sewer		CCF	\$11.81500	\$10.77167	\$9.09667	11	CCF	\$8.99000	\$8.18909	\$6.9800
Cost/GALLON - Sewer	4,488	GAL	\$0.01580	\$0.01440	\$0.01216	8,229	GAL	\$0.01202	\$0.01095	\$0.0093
% Inc/Dec(-) to Prior Periods	-,700			9.69%	29.88%				9.78%	28.80°
70 IIIC/Dec(-) to Filor Feriods	.,	_				L. 4				

			Current	Prior Month	Prior Year			Current	Prior Month	Prior Year
	Service	Service	July	June	July	Service	Service	July	June	July
Customer Type	<u>Usage</u>	<u>Units</u>	2016 Rate	2016 Rate	2015 Rate	<u>Usage</u>	<u>Units</u>	2016 Rate	2016 Rate	2015 Rate
	CO	MAREDO	AL LISER - /	3 Phase w/Dei	mand)	IN	DUSTRIA	L USER - (3 Phase w/Der	nand)
Customer Type ->	<u> </u>	MMILICO	\$18.00	\$18.00	\$18.00			\$100.00	\$100.00	\$100.00
Customer Charge	7,040	kWh	\$38.02	\$38.02	\$38.02	98,748	Reactive	\$2,303.85	\$2,303.85	\$2,303.85
Distribution Energy Charge		kW/Dmd	\$92.86	\$92.86	\$92.86	1510.1	kW/Dmd	\$8,215.30	\$8,215.30	\$8,215.30
Distribution Demand Charge		kWh	\$623.04	\$623.04	\$623.04	866,108	kWh	\$39,165.42	\$39,165.42	\$39,165.42
Power Supply Energy Charge	7,040	· · · · · · · · · · · · · · · · · · ·	₩UZU,UT	Ψ025.04	4020.0	1		\$15,296.55	\$15,296.55	\$15,296.55
Power Supply Demand Charge	7.040	LIBO	\$57.80	\$22.81	\$18.09	!	1	\$6,755.21	\$2,665.88	\$2,114.60
PSCAF - Monthly Factor	7,040	kWh		\$9.66	\$9.66			\$9.66	\$9.66	\$9.66
kWH Tax- Level 1			\$9.66 \$20.80	\$20.80	\$20.80			\$56.24	\$56.24	\$56.24
kWH Tax- Level 2			⊅∠∪. 6U	\$20.00	φ20.00	ł		\$3,087.71	\$3,087.71	\$3,087.71
kWH Tax- Level 3						1	·	ΨΟ,ΟΟΙ.Τ.	40,001,111	
Total Electric			\$860.18	\$825.19	\$820.47		#= - * · · · · · · · · · · · · · · · · · ·	\$74,989.94	\$70,900.61	\$70,349.33
Water	25	CCF	\$137.32	\$133.57	\$126.07	300	CCF	\$1,555.51	\$1,555.51	\$1,420.51
Sewer (w/Stm.Sew. & Lat.)	25	CCF	\$178.69	\$162.74	\$138.94	300	CCF	\$1,718.69	\$1,562.49	\$1,359.94
Storm Water (Rate/ERU)			\$9.50	\$9.50	\$9.50	1		\$330.00	\$330.00	\$330.00
Refuse (Rate/Service)			\$5.00	\$5.00	\$5.00			\$5.00	\$5.00	\$5.00
Sub-Other Services		,	\$330.51	\$310.81	\$279.51			\$3,609.20	\$3,453.00	\$3,115.45
			\$1,190.69	\$1,136.00	\$1,099.98			\$78,599.14	\$74,353.61	\$73,464.78
Total Billing - All Services Verification Totals->			\$1,190.69	\$1,136.00	\$1,099.98	1		\$78,599.14	\$74,353.61	\$73,464.7
veriication Totals->				Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr	1			Cr.Mo to Pr.Mo	Cr.Yr to Pr.Y
Dollar Cha to Brier Periods		• •		\$54.69	\$90.71	†			\$4,245.53	\$5,134.30
Dollar Chg.to Prior Periods		<u> </u>		4.81%	8.25%			هم دین به اینان به در و به درد. د	5.71%	6.99%
% Inc/Dec(-) to Prior Periods	4 - No. 11 - 12 - 12 - 12 - 12 - 12 - 12 - 12	+		4.0170	0.2070		<u> </u>			
=======================================	=====	====	======	======:	=======	===== 		======	======	=======
Cost/kWH - Electric	7,040	kWh	\$0.12218	\$0.11721	\$0.11654	866,108	kWh	\$0.08658	\$0.08186	\$0.0812
% Inc/Dec(-) to Prior Periods		1		4.24%	4.84%			<u> </u>	5.77%	6.60%
			·			1		ድር 40502	¢ E 40E∩2	\$4.7350
Cost/CCF - Water	25	CCF	\$5.49280	\$5.34280	\$5.04280	300	CCF	\$5.18503	\$5.18503 \$0.00693	\$0.0063
Cost/GALLONS - Water	18,701	GAL	\$0.00734	\$0.00714	\$0.00674	224,415	GAL	\$0.00693	0.00%	9.509
% Inc/Dec(-) to Prior Periods		<u> </u>	· · · · · · · · · · · · · · · · · · ·	2.81%	8.92%		and the second		0.00%	\$.5U.7
Cost/CCF - Sewer	25	CCF	\$7.14760	\$6.50960	\$5.55760	300	CCF	\$5.72897		\$4.5331
Cost/GALLON - Sewer	18,701	GAL	\$0.00956	\$0.00870	\$0.00743	224,415	GAL	\$0.00766	\$0.00696	\$0.0060
% Inc/Dec(-) to Prior Periods				9.80%	28.61%				10.00%	26.38°

Electric Department Report June 2016

There were 12 callout/outages during the month of June. 3 callouts were found to be problems on the customer side of the meter. 1 outage was due to an animal getting into the lines. 3 callouts were due to fires: 2 apartments and one house. 2 callouts were to reset traffic lights that had gone into flash mode. 2 outages were caused by a lightning storm causing reclosers to lock out. Personnel inspected the areas affected and reset the reclosers.

Line Department /Service Truck: Crews installed a new URD at Thrivent Financial on M-1. Crews worked on the Dodd street rebuild. Crews set 3 poles and strung 3 phase secondary for Irving Construction on Rd.M-1. Crews set up Temp poles for Kids Fest at Glenwood Park. Crews performed shut-offs for Utility Billing Dept. Crews replaced pole # 5454 on Rd. 13 North of T and pole # 578 on St. Rt. 108 North of N. Crews hung rollers on Independence to reset line sag due to multiple under build cables. Crews performed shop maintenance. Crews set temp pole for Rib-Fest. Crews worked on upgrade of 69 KV line at Industrial Substation. The service truck completed work orders and locates and helped line crews as needed.

Substation Department: The substation crew performed routine maintenance on the substations and also completed reports and work related to upgrades at South and Industrial Substations.

Forestry Department: The tree trimming crew performed tree maintenance on various Southside locations such as Daggett, Dodd, West Maumee, South Perry. On the North side of the river they completed trimming on 424 West near Twin Oaks and Riviera Heights.

Storeroom/Inventory/Meter Reading Department: Shawn read meters, ordered inventory, mowed Service Building, Stocked and cleaned inventory and various jobs to help other departments.

The Peak Load for June, 2016 was 27.84 MW occurring on June 20th at 1:30 PM. This was an increase of .37 MW from June of 2015. The Average Load was 18.52 MW. This was an increase of .05 MW from June of 2015. The gas turbines ran on the 10th,20th, and 27th of June. The JV2 ran on June 20th and 27th. The Solar Field showed a peak of 3.54 MW compared to a peak of 3.50 MW in June of 2015. The Solar field produced 557.47 MWH in June 2016 compared to 504.31 MWH produced in June of 2015.

City of Napoleon, Ohio



SUMMARY OF JUNE 2016 OUTAGE/STANDBY CALL-OUTS

June 10, 2016:

Electric personnel were dispatched at 9:39 p.m. to T768 County Road 16 due to a customer having electrical problems. The personnel inspected all connections and found no problems.

June 18, 2016:

Electric personnel were dispatched at 8:25 a.m. to 546 W. Washington St. due to a power outage. The outage lasted twenty five minutes 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.

June 18, 2016:

Electric personnel were dispatched at 5:16 p.m. to N. Perry St. & Front St. due to a traffic signal that was not working properly. The personnel reset the traffic signal.

June 21, 2016:

Electric personnel were dispatched at 9:58 p.m. to 882 E. Riverview Ave. due to an apartment fire. The personnel disconnected the service.

June 23, 2016:

Electric personnel were dispatched at 12:47 a.m. to Northcrest Dr. due to a power outage. The outage lasted one hour and affected 156 customers. The outage was due to lightning that tripped a recloser. The personnel reset the recloser.

June 23, 2016:

Electric personnel were dispatched at 2:00 a.m. to County Road 12 (Southside Substation) due to a power outage. The outage lasted twenty minutes and affected forty one customers. The outage was due to lightning that tripped a recloser.

June 24, 2016:

Electric personnel were dispatched at 5:43 a.m. to SR 110 & County Road 12 due to a semi that caught fire under distribution lines. It was advised by the Fire Department to check the electric lines. The on call lineman inspected the lines and found they were ok.

June 25, 2016:

Electric personnel were dispatched at 4:31 p.m. to the traffic light that was flashing at Front Street & Perry St. The personnel reset the traffic controller.

June 25, 2016:

Electric personnel were dispatched at 5:00 p.m. to 855 Daggett Ave. due to an apartment fire. The personnel pulled the electric meter.

June 27, 2016:

Electric personnel were dispatched at 11:00 p.m. to 4 Park Ct. due to a power outage. The outage lasted forty five minutes and affected one customer. The outage was due to a blown fuse on the customer's side.

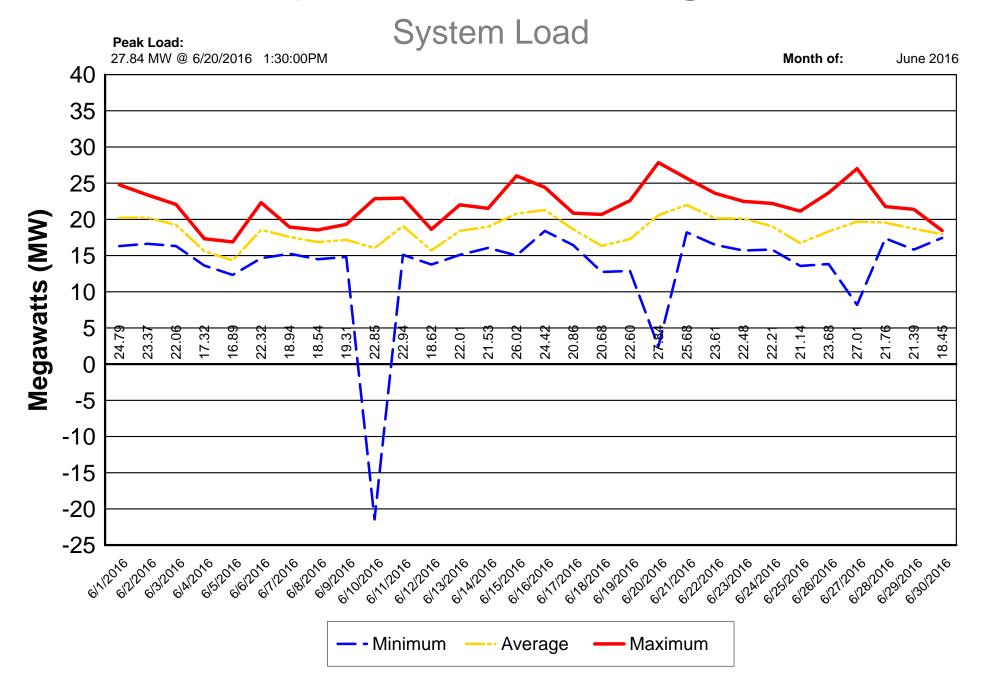
June 29, 2016:

Electric personnel were dispatched at 6:20 p.m. to 237 Garden St. due to a customer complaining about power going on and off. The personnel checked all connections and voltage. It was an issue on the customer's side.

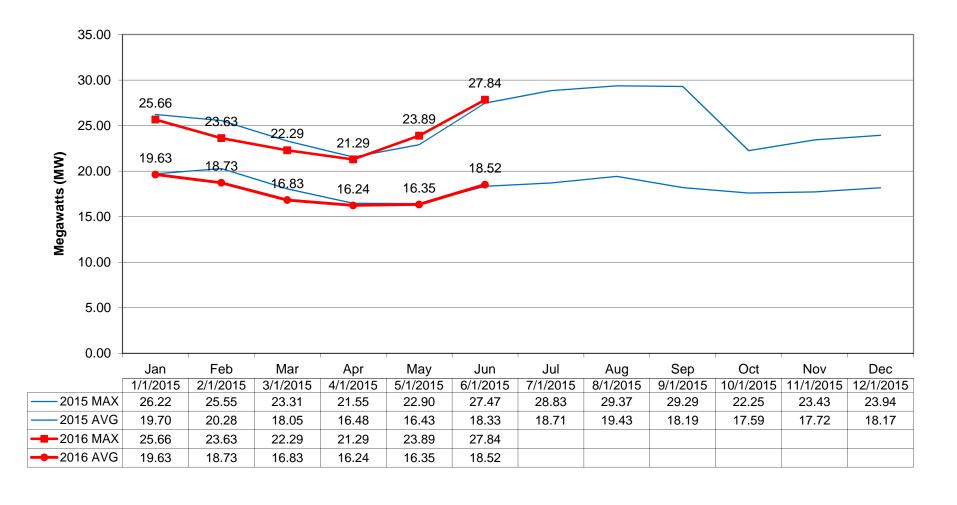
June 30, 2016:

Electric personnel were dispatched at 11:40 p.m. due to a house fire at 8-708 Twp. Rd. P-3. Personnel disconnected power to the home.

Napoleon Power & Light



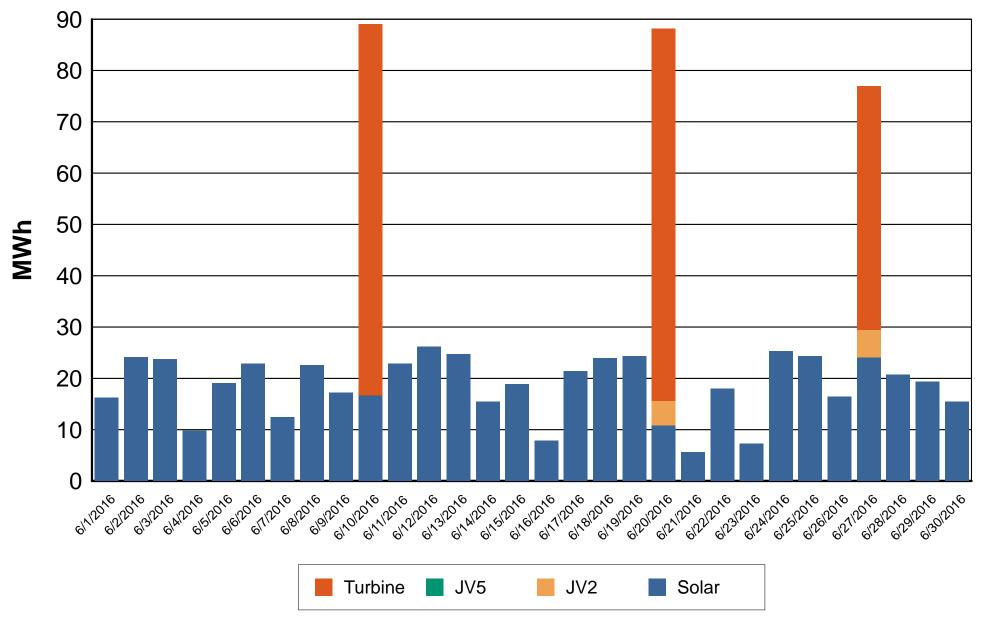
NAPOLEON POWER & LIGHT



Napoleon Power & Light

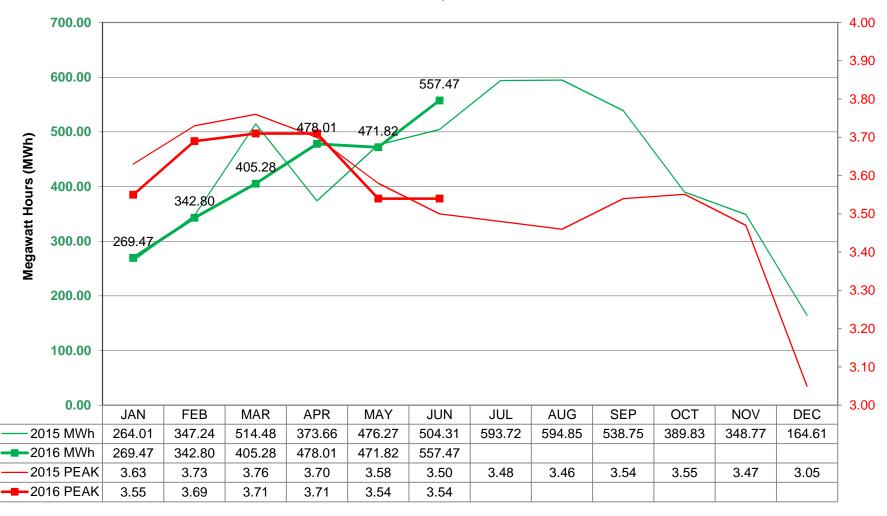


June 2016



NAPOLEON POWER & LIGHT

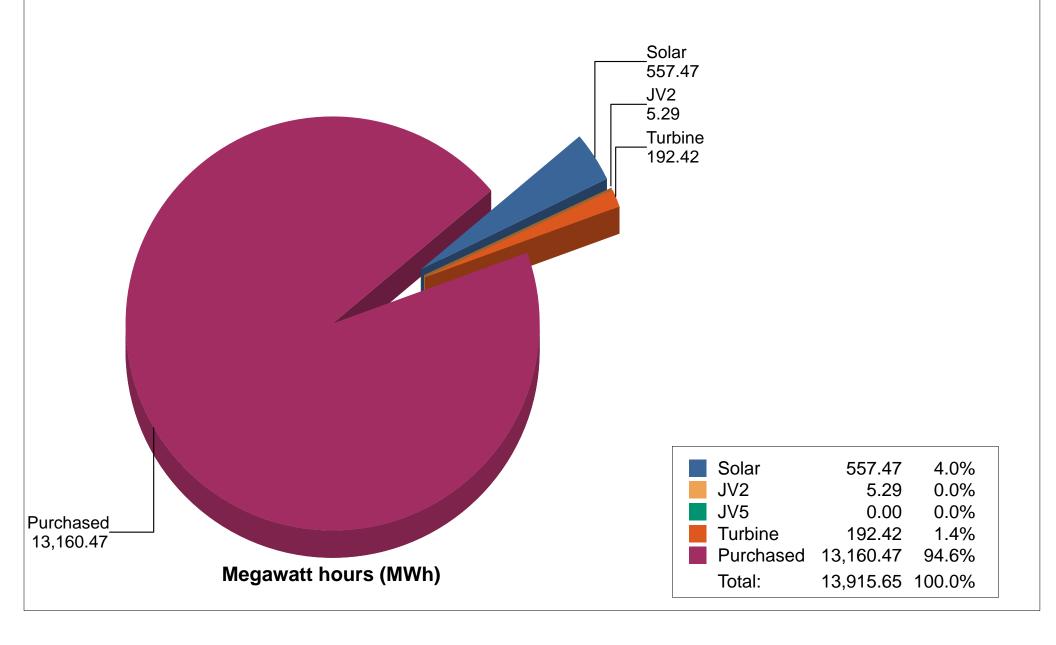
Solar Field Output Trend



Napoleon Power & Light

Power Portfolio

June 2016



ORDINANCE NO. 056-12

AN ORDINANCE AMENDING CHAPTER 939 OF THE CODIFIED ORDINANCES OF THE CITY OF NAPOLEON (ELECTRIC RATES) TO ESTABLISH SECTION 939.05 NET METERING.

WHEREAS, the City of Napoleon ("City") operates a municipal electric utility system; and,

WHEREAS, the City desires to offer its qualifying consumers a per kWh credit for solar power energy supplied back to the City's electric utility system; and, now therefore,

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

Section 1. That, Chapter 939 "Electric Rates" of the Codified Ordinances of the City of Napoleon, is hereby amended and enacted as follows:

"939.05 NET METERING

- (A) <u>Net Metering.</u> Net Metering means measuring the difference between the electricity supplied over the electric distribution system (power grid) and the electricity generated by the consumer's solar power system which is fed back into the electric distribution system over a specific billing period.
- (B) <u>Availability of Service.</u> Net Metering is available to qualifying consumers on a first come, first served basis, who own and operate qualifying consumer-generator facilities designed to operate in parallel with the City's Electric System. The City Manager reserves the right to deny any consumer, for any reason, the ability to enter into a net metering agreement with the City.

(C) Conditions of Service.

- 1. A qualifying consumer is one whose generating facility complies with all the following requirements:
 - a. Is fueled by solar power not to exceed seventy five percent (75%) of consumer's personal usage load, as determined by the City of Napoleon's Electric Department;
 - b. Is owned and operated by the consumer and is located on the consumer-generator's premises;
 - c. Is designed and installed to operate in parallel with the City's Electric System without adversely affecting the operation of equipment and service

- of the City and its consumers and without presenting safety hazards to City and consumer personnel; and
- d. Is intended primarily to offset part or all of the consumer-generator's electricity needs.
- 2. The consumer's generating equipment shall be installed in accordance with the manufacturer's specifications as well as all applicable provisions of the National Electrical Code. All equipment and installations shall comply with all applicable safety and performance standards established by the National Electrical Code, the Institute of Electrical and Electronic Engineers, and Underwriters Laboratories.
- 3. An application for interconnection with the City's distribution system must be made by the consumer or the consumer's authorized representative. The interconnection permit must provide at least the following information regarding the consumer-generator's facility: Inverter type, size, certification, and manufacturer's specifications including details about circuit protective devices; generation facility certifications; the installing electrician name, address, and phone number; and proof of inspection and approval from the appropriate City inspector(s).
- (D) <u>Metering</u>. Net energy metering shall be accomplished using a single meter capable of registering the flow of electricity in each direction. If the existing electrical meter installed at the consumer's facility is not capable of measuring the flow of electricity in two directions, the consumer shall be responsible for all expenses for the purchase and installation of an appropriate meter with such capability. The City may, at the consumer's or the city's expense and with written consent of the consumer, install one or more additional meters to monitor the flow of electricity.
- (E) <u>Rate.</u> At the end of the billing period a calculation will be made to determine the difference, if any, between the amount of kWh supplied to the consumer from the city's system and the amount of kWh supplied to the city's system from the consumer.
 - 1. Credit: If the consumer generator's facility feeds more kWh of electricity back to the City's system than the City supplies to the consumer, at the same site, during the billing period, then fifty percent (50%) of the excess kWh will be given as a kWh credit for the beginning of the next billing period for the same site. At no time will the consumer be entitled to, nor compensated for, any monetary payout of the excess electricity fed back to the city's system.
 - 2. <u>Billing Period</u>: The billing period is January 1st through either December 31st of each calendar year or the last day of the month in which the

- consumer ceases operation of the net metering agreement, whichever comes first.
- 3. For Example: At the end of the billing period it was determined that consumer X's solar system delivered to the City's system 100 kWh, then consumer X would receive a credit of 50 kWh for that same site.

(F) **Special Terms and Conditions.**

- 1. Each consumer under a net meter system must carry a minimum of \$100,000.00 in liability insurance naming the City as an additional insured.
- 2. The consumer-generator must install and maintain a manual disconnect switch that will disconnect the net metering facility from the Napoleon Utilities electric system. The disconnect switch must be a lockable, load-break switch that plainly indicates whether it is in the open or closed position. The disconnect switch must be readily accessible to Napoleon Utility personnel at all times and located within 10 feet of the meter. The disconnect switch may be located more than 10 feet from the billing meter provided that permanent instructions are posted at the meter indicating the precise location of the disconnect switch. This information must be indicated on the application form and approved by the Utility.
- (G) <u>Additional Charges.</u> The consumer shall pay any additional charges, as determined by the City, for equipment, labor, metering, testing or inspections that are requested by the consumer or needed by the City.
- (H) <u>Length of Term.</u> Contracts under this schedule shall be automatically renewed on January 1^{st of} each year, unless either the consumer or the City provides written notice to terminate the agreement within ten (10) calendar days of the renewal."
- Section 3. That, it is found and determined that all formal actions of this City Council concerning and relating to the adoption of this Ordinance were adopted in open meetings of this City Council, and that all deliberations of this City Council and any of its committees that resulted in such formal actions were in compliance with all legal requirements, including Section 121.22 of the Ohio Revised Code and the Codified Ordinances of Napoleon Ohio.
- Section 4. That, if any other prior Ordinance or Resolution is found to be in conflict with this Ordinance, then the provisions of this Ordinance shall prevail. Further, if any portion of this Ordinance is found to be invalid for any reason, such decision shall not affect the validity of the remaining portions of this Ordinance or any part thereof.
- Section 5. That, upon passage, this Ordinance shall take effect at the earliest time permitted by law.

Passed: September 17, 2012	John A. Helberg, Acting Council President
Approved: September 17, 2012	Ronald A. Behm, Mayor
VOTE ON PASSAGE 6 Yea Nay	O Abstain
Attest:	
Gregory Meath, Clerk/Finance Director	
I, Gregory J. Heath, Clerk/Finance Director that the foregoing Ordinance No. 056-12 was duly p newspaper of general circulation in said City, on the 2012; & I further certify the compliance with ri Codified Ordinances Of Napoleon Ohio and the law Meetings.	ublished in the Northwest Signal, a 22day of <u>Scottern bet</u> , ules established in Chapter 103 of the
	Greany Bleath
	Gregory J. Heath, Clerk/Finance Director

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

Meeting Agenda Monday, July 11, 2016 at 6:30pm

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

- I. Approval of Minutes of June 13, 2016(In the absence of any objections or corrections, the Minutes shall stand approved)
- II. Review/Approval of the Power Supply Cost Adjustment Factor for July, 2016:

PSCAF three (3) month averaged factor: 0.00821

JV2: 0.013792 JV5: 0.013792

- III. Electric Department Report
- IV. Review of the Net Metering Policy
- V. Any other matters to come before the Board
- VI. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

City of Napoleon, Ohio **Board of Public Affairs Meeting Minutes**

Monday, June 13, 2016 at 6:30pm

PRESENT

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

Electric Committee Travis Sheaffer, Patrick McColley, Dan Baer

City Staff Jason P. Maassel, Mayor

> Greg Heath, Finance Director/Clerk of Council Greg Kuhlman, Electric Construction Supervisor

Recorder **Others**

Anne Taylor

ABSENT Monica S. Irelan, City Manager; Lisa L. Nagel, Law Director

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

Approval Of Minutes The May 9, 2016 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 June, 2016 was presented for

review: PSCAF three (3) month averaged factor: 0.00324; JV2: 0.017896;

JV5: 0.017896

Discussion Cordes asked if there was anything specific causing the increase in rates with Heath

stating that the hydro usage has increased and the City did utilize the levelization schedule using 145,000 as credit. Heath added that had the levelization not been used

the rate would have been higher.

Cordes asked Kuhlman what caused the power outage at the City's solar field with

Kuhlman advising that a squirrel was on the reclosure and started a fire.

BOPA Motion To Recommend Approval Of Power Supply Cost Adjustment Factor

Second: Cordes Motion: Frysinger

To accept the BOPA recommendation for approval of Power Supply Cost Adjustment

Factor for June, 2016 as follows:

PSCAF three (3) month averaged factor: 0.00324

JV2: 0.017896 JV5: 0.017896

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

Nay-Nay-0

Greg Kuhlman, Electric Construction Supervisor presented the Electric **Electric Department Report**

Department Report. (See Attached)

None **Any Other Matters**

BOPA Motion To Adjourn Motion: Frysinger Second: Cordes

To Adjourn the BOPA meeting at 6:38 pm

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

Nay- 0

Date Mike DeWit, Chair

BOPA 6/13/2016 page 1 of 1

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

Meeting Agenda Monday, July 11, 2016 at 7:00pm

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

- I. Approval of Minutes of May 9, 2016 (In the absence of any objections or corrections, the Minutes shall stand approved.)
- II. Review of CIC Agreement due to the resignation of Director Amanda Griffith
- III. Review of the notification requirements tied to rezoning
- IV. Discussion of City Manager's traffic flow alterations
- V. Updated information from Staff on Economic Development (as needed)
- VI. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

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

Monday, May 9, 2016 at 7:30pm

PRESENT

Committee Members

City Staff

Patrick McColley - Chair, Travis Sheaffer, Jason Maassel, Jon Tassler Greg Heath, Finance Director/Clerk of Council

Monica Irelan, City Manager

Lisa Nagel, Law Director

Chad Lulfs, Director of Public Works

Anne Taylor News Media

Recorder Others

ABSENT

Committee Staff

Call To Order

Chairman McColley called the meeting to order at 7:30 pm.

Approval Of Minutes

Minutes of the April 11, 2016 meeting stand approved as presented with no objections or corrections.

Review of the City Sidewalk Policy

Council referred to the Committee the review of the City Sidewalk Policy. Irelan presented to the Committee and audience the research and history study that was completed over the past year regarding sidewalks. See study attached.

Matt Hardy, resident of Park Lane, addressed the Committee and asked based on

Discussion

the Sidewalk Ordinance Section 913.05, which subsection should be answered "yes" to determine that Park Lane should have sidewalks? Irelan replied that there are two (2) separate programs with Hardy stating that 913.05 should be abolished if it is not relative and does not apply to sidewalks as it is his feeling there is not one of the subsections that could be answered yes too. McColley responded by stating that "proximity of businesses or establishments likely to generate pedestrian traffic" would apply to Park Lane with Hardy disputing. Irelan advised that 913.05 is a sidewalk program and does not apply to road reconstruction projects. McColley expressed that he is torn on the subject and says something should be developed to make it fair to residents. McColley stated that it comes down to relativity and what is fair to the next resident which is most important to McColley. Hardy stated the residents of Park Lane are open for option but do not want this forced down the residents throats with the City stating "safety" as their reasoning for the sidewalks. Sheaffer expressed his opinion that residents will potentially use the sidewalks with Hardy advising residents will continue to walk down the street and not a sidewalk. Tassler advised that he approved the sidewalk policy as drawn up because of the Northcrest Circle project where residents paid for sidewalks at their own expense and feels that Council must follow the policy and treat all residents the same. Hardy asked Tassler if he feels sidewalks are needed along Park Lane with Tassler responding that he did not feel they are needed, but that the policy needs to be followed as a precedent has been set and it is the City's responsibility to enforce the policy. Irelan stated that

the sidewalk policy is a codified ordinance and is law with Hardy stating two (2) wrongs do not make a right and just because Northcrest residents were forced to put in sidewalks and pay for them, do not force Park Lane residents to install sidewalks as well.

Tom Borstelman advised that he traveled through the Mayor's neighborhood and feels there will never be a street improvement project on that street and there is no room for sidewalks. Borstelman asked if Maassel fears for the safety of his children without sidewalks along the street he lives on, with Maassel responding yes, Borstelman advised Maassel that if he feels it is unsafe, than perhaps he should install sidewalks on his own street at the Mayor's own personal expense. Borstelman proposed to put a sidewalk on just one side of the street from Park Street to the end of the cul de sac on the West side of the street. Borstelman and Hoeffel volunteered to have the sidewalk on their side of the street and absorb the expenses with the rest of the residents on the West side as the waterline is on the East side of the road. Sheaffer commented that he could live with having sidewalks on only one side of Park Lane. Irelan advised that this proposal should be handled through an appeal process followed with McColley suggesting that possibly the sidewalk rules can be changed. Borstelman proposes no sidewalk or curbing on the cul de sac to allow residents on Riverview Avenue to have access to the alley. McColley asked who would pay for the sidewalk on the West side and if costs would be shared by residents on both sides. Borstelman stated he does not feel the costs need shared with the East side, adding that common sense says that due to the water line and depth of waterline it would be in everyone's best interest not to have sidewalks on the East side.

Rule 4.1.3 states sidewalks need to be located on both sides, but if an appeal is made there could be an exception to the rule.

McColley asked if installed on West side, if you get all property owners on board, then McColley would approve of the request. Sheaffer stated that if an appeal is made to have the sidewalk on only one side, Sheaffer would vote in favor of the appeal. McColley stated the steps to the appeal process, however he will not vote in favor of the appeal if not all residents are in agreement.

McColley asked if the project can begin on time and if a modification to the plan can be made later in the project for sidewalks, with Lulfs responding that it will just be a small cost of stone back fill, but not a major expense if sidewalks are installed later on only one side, adding it is a different situation but the Engineering Department will work with the residents as much as possible for the best solution for all of the property owners.

Heath read into record the appeals process. See attached. Nagel advised the first appeal goes to the City Manager adding that the Committee does not have the power to change the law. Irelan stated that Council may direct her during a regular session of Council if they want the City Manager to initiate the appeal process. McColley stated he would rather change the rules then go through an appeal process.

Sheaffer Made a motion to recommend to Council to direct the City Manager to only require sidewalks on one side. Sheaffer rescinded his motion after Nagel advised making this motion would break the law of Section 913.02 since 2002.

McColley advised that he spoke to the Mayor of Wauseon recently regarding sidewalks with the Wauseon Mayor advising that the City of Wauseon put money in the budget for new sidewalks and existing sidewalks. McColley stated his opinion is to prioritize roads that need updated sidewalks with Irelan and Lulfs advising McColley that the City has this policy with the 913.05 sidewalk program.

Sheaffer does not feel that there would not be funds for this purpose even if there were to be an adjustment in the income tax as those funds would go to the General Fund to be used for other purposes.

James Crawford of 4 Park Lane stated that he thinks it is terrible that between Riverview Avenue and Washington Street there is not one thru street that has sidewalks. Sidewalks should be a priority for the streets that have heavy foot

traffic and children traveling to and from school.

Lulfs suggested that if Council directs Engineering to concentrate on certain neighborhoods, he would appreciate the input on the sidewalk program to get direction.

Sheaffer offered to work with Legal and Administration to see what can be done in Council to move forward on the issue of Park Lane sidewalks.

Second: Sheaffer

Motion to Send the Review of the City Sidewalk Policy Back to Council with No Action Taken Motion: Tassler Second: Sheaffer.

Passed Yea-4

Nay-0

Nay-

Roll call vote on above motion:

Yea- Tassler, McColley, Sheaffer, Maassel

Review Updated Information From Staff On Economic Development

Motion To Adjourn

Passed: Yea- 4

Nay- 0

Nothing to Report

Motion: Tassler

To adjourn the meeting at 8:22 pm.

Roll call vote on motion:

Yea-Tassler, McColley, Sheaffer, Maassel

Nay-

Date		

Patrick McColley, Chair

AGREEMENT AND PLAN OF INDUSTRIAL, COMMERCIAL, DISTRIBUTION AND RESEARCH DEVELOPMENT AMENDMENT NO. 2

This AGREEMENT AND PLAN OF INDUSTRIAL, COMMERCIAL, DISTRIBUTION AND RESEARCH DEVELOPMENT the ("Agreement"), is being entered into as of the 28th day of December 2010, by and between the CITY OF NAPOLEON, OHIO (the "City"), a municipal corporation duly organized and validly existing under the Constitution and laws of the State of Ohio (the "State"), and the COMMUNITY IMPROVEMENT CORPORATION OF HENRY COUNTY, OHIO (the "CIC"), a community improvement corporation organized and existing as a corporation not for profit under the laws of the State.

RECITALS

WHEREAS, the City, by Ordinance No. 33-86 passed on July 21st, 1986 and in accordance with Section 1724.10, Ohio Revised Code, designated the CIC as the agency and instrumentality of the City for the industrial, commercial, distribution and research development of the City; and,

WHEREAS, upon the designation of the CIC as the agency and instrumentality of the City for the aforementioned purposes, the CIC, in the year 1986 approved and entered into an Agreement pursuant to Section 1724.10, Ohio Revised Code to provide for a plan of industrial, commercial, distribution and research development within the City (the "Plan"), all as provided for in Section 1724.10, Ohio Revised Code; and,

WHEREAS, the City, by Ordinance No. 34-86 passed on July 21st, 1986, approved the Agreement and the Plan and authorized the City Manager and the Clerk-Treasurer (Finance Director) of the City to execute this Agreement on behalf of the City; and,

WHEREAS, the parties on January 31, 2006 amended the Agreement, which includes and constitutes the "Plan" (Amendment No. 1), and,

WHEREAS, the parties are again desirous to amend the *Agreement*, which includes and constitutes the "*Plan*", in its entirety, constituting the Amended "*Agreement*" (and "*Plan*"), Amendment No. 2, for the sole purpose of revising and clarifying Section 4 (b) of the *Agreement*, which includes and constitutes the "*Plan*";

Now, Therefore, the City and the CIC do hereby agree as follows:

Section 1. <u>Plan</u>. The *Plan*, which is made part of this *Agreement*, shall be to advance, encourage and promote the industrial, commercial, distribution and research development of the *City* in a manner which:

- a. Creates and preserves jobs and employment opportunities in the City and the State.
- b. Improves the economic welfare of the people of the City and of the State.

- c. Encourages and causes the maintenance, location, relocation, expansion, modernization and equipment of sites, buildings, structures and appurtenant facilities for industrial, commercial, distribution and research activities within the *City* and thereby preserves, maintains or creates additional opportunities for employment within the *City*.
- d. Maintains and increases the tax valuation of property within the *City* in order that tax revenues may be available to provide services for the preservation of public peace, health, safety and general welfare of the *City*.
 - e. Is consistent with social, economic and geographic factors present in the City.
 - f. Is not inconsistent with job needs and skills present in the City.
 - g. Is not inconsistent with environmental factors present in the City.
 - h. Is in accordance with its applicable planning and zoning.
- Section 2. Furtherance of the *Plan* by the *CIC*. Such initial *Plan* may be amended and supplemented from time to time by the *City* and the *CIC* and to that end:
- a. The CIC, as requested by the Council of the City, shall prepare and maintain a current inventory and catalog of lands, buildings, or other improvements within the City which are or may become available and suitable for the location, relocation, expansion, modernization or conversion of or to industrial, commercial, distribution or research development facilities in furtherance of this Agreement and the inclusive Plan and the accomplishment of its purposes. The CIC agrees that it will, from time to time, supplement and amend any such inventory and catalog in order that it may be currently maintained.
- b. The CIC, as requested by the Council of the City, shall cause the preparation of an analysis of the social, economic, geographic and other advantages which the City can offer in support of industrial, commercial, distribution or research development in a form suitable for distribution to those which the City and CIC seek to interest in such development in the City.
- Section 3. Agency Relationship and Implementation of the *Plan*. The Corporation will constitute and act as the agency of the *City* for industrial, commercial, distribution and research development in the *City*. In furtherance of the *Plan*, as from time to time amended, the *CIC*:
- a. As the agency of the *City*, will carryout the *Plan* and shall advance, encourage and promote the maintenance, location, relocation, expansion, modernization and equipment of buildings, structures and appurtenant facilities, and the acquisition of sites therefor for lease or sale by the *City* or the *CIC* for industrial, commercial, distribution and research development activities within the *City*. Any real or personal property, or both, proposed for acquisition, by gift or purchase, construction, improvement or equipment for such purpose is referred to herein as a "*Development Project*".

- b. From time to time shall prepare and present to the City Manager, Mayor and Council of the City recommendations for action to be taken in aid of industrial, commercial, distribution and research development in the City. Where appropriate, such recommendations shall include the location, relocation, construction, expansion, modernization, modification or improvement of municipal facilities or services. The CIC shall review any Development Project proposed to be financed by the City pursuant to the authority granted by Article VIII, Section 13, Ohio Constitution and Chapter 165, Ohio Revised Code, to determine whether or not such Development Project is in accordance with this Agreement and inclusive Plan and following such review shall certify to such City its determination; provided, that if the Council of such City shall have issued a written request to the Director of Development of the State to provide the financing, then the CIC shall make the aforesaid determination and issue its certification of that determination to the Director of Development.
- c. May cause advertising, promotional and educational material to be prepared, printed or otherwise reproduced and distributed and otherwise made available to such extent and in such manner as in the judgment of the CIC will best assist the industrial, commercial, distribution and research development in the City.
- d. May contact and solicit any person, firm or corporation ("Employer") which then or in the immediate future is likely to or may be induced to locate, relocate, expand, modify or improve industrial, commercial, distribution or research activities or facilities within the City or which then or in the immediate future threatens to terminate or reduce employment in any such activities or facilities then existing within the City in order to induce said Employer to locate, relocate, expand, modify, improve or maintain its said industrial, commercial, distribution or research activities or facilities in the City.
- e. Shall advance, encourage and promote the establishment, growth and maintenance in the *City* of industrial, commercial, distribution and research facilities in accordance with and in furtherance of the purposes set forth in Section 1 of this *Agreement* and inclusive *Plan*.
- f. May insure mortgage payments required by a first mortgage on any industrial, economic, commercial or civic property for which funds have been loaned by any person, corporation, bank or financial or lending institution upon such terms and conditions as the *CIC* may prescribe.
- g. May incur debt, mortgage its property, no matter from what source and by what method acquired, and issue its obligations for the purpose of acquiring, constructing, improving and equipping buildings, structures and other properties, and acquiring sites therefor, for lease or sale by the CIC, provided that any such debt shall be solely that of the CIC and shall not be secured by the pledge of any moneys received or to be received from the City, the State or any political subdivision thereof.
- h. May make loans to any person, firm, partnership, corporation, joint stock company, association, or trust, and may establish and regulate the terms and conditions with respect to any such loans; provided, that the CIC shall not approve any application for loan unless and until the person applying for said loan shows that he or she has applied for the loan through ordinary

banking or commercial channels and that the loan has been refused by at least one bank or other financial institution.

- i. May purchase, receive, hold, lease, or otherwise acquire and may sell, convey, transfer, lease, sublease, or otherwise dispose of real and personal property, together with such rights and privileges as maybe incidental and appurtenant thereto and the use thereof, including but not restricted to, any real or personal property acquired by the *CIC* from time to time in the satisfaction of debts or enforcement of obligations.
- j. May acquire the good will, business, rights, real and personal property, and other assets, or any part thereof, or interest therein, of any persons, firms, partnerships, corporations, joint stock companies, associations, or trusts, and may assume, undertake, or pay the obligations, debts, and liabilities of any such person, firm, partnership, corporation, joint stock company, association, or trust; may in its name acquire improved or unimproved real estate for the purpose of constructing industrial plants or other business establishments thereon or for the purpose of disposing of such real estate to others in whole or in part for the construction of industrial plants other business establishments; and may in its name acquire, construct or reconstruct, alter, repair, maintain, operate, sell, convey, transfer, lease, sublease, or otherwise dispose of industrial plants or business establishments.
- k. May acquire, subscribe for, own, hold, sell, assign, transfer, mortgage, pledge, or otherwise dispose of the stock, shares, bonds, debentures, notes, or other securities and evidences of interest in, or indebtedness of, any person, firm, corporation, joint stock company, association, or trust, and while the owner or holder thereof, may exercise all the rights, powers, and privileges of ownership, including the right to vote therein.
- l. May mortgage, pledge, or otherwise encumber any property acquired pursuant to the powers contained in paragraphs (i), (j) or (k) of this subsection 3.
- m. May make application to the Director of Development of the State for insurance or advance commitments for insurance of mortgage payments required by a first mortgage on any *Development Project* for which the *CIC* has loaned its funds or upon which the *CIC* has borrowed funds, and may make assignments of insured mortgages and provide other forms of security in accordance with the provisions of Section 122.451, Ohio Revised Code.
- n. May solicit, receive and use donations or commitments of money or other property of any kind whatsoever from private corporations, firms or organizations.
- o. Notwithstanding any other provision of this Agreement and inclusive Plan, sell or to lease any lands or interests in lands owned by the City determined from time to time by the Council of the City not to be required by the City for its purposes, for uses determined by the Council of the City as those that will promote the welfare of the people of the City, stabilize the economy, preserve, maintain or provide employment, and assist in the development of industrial, commercial, distribution and research activities to the benefit of the people of the City and will preserve, maintain or provide additional opportunities for their gainful employment; moreover, the Council of the City shall specify the consideration for such sale or lease and any other terms

thereof; further, the Council of the City may authorize such sale or lease to be made without advertising and receipt of bids when in the best interest of the City as determined by the Council of the City. Any determination made by the Council of the City under this paragraph of this Agreement shall be conclusive. The Council of the City, under its authority, agrees to take what action is necessary to authorize the applicable City official on behalf of the City, to execute the necessary instruments, including deeds conveying the title of the City or leases, to accomplish such sale or lease.

p. May otherwise exercise any or all of the powers and privileges permitted by, and subject to the limitations of Section 1724.10, Ohio Revised Code and subject to the limitations, if any, stated in this *Agreement* and inclusive *Plan*.

Section 4. Miscellaneous.

- The City may convey to the CIC lands and interest in lands owned by the City and determined by the Council of the City not to be required by the City for its purposes, and that such conveyance of such land or interests in land will promote the welfare of the people of the City, stabilize the economy, provide employment and assist in the development of industrial, commercial, distribution and research activities to the benefit of the people of the City and preserve, maintain or provide additional opportunities for their gainful employment. consideration for any such lands and interests in lands so conveyed shall be determined by the Council of the City. The CIC may also, as agency for such development, acquire from others additional lands or interests in lands and may convey lands or interests in land provided, however, that any lands or interests in land the CIC may so acquire or convey shall be so acquired or conveyed for uses that will promote the welfare of the people of the City, stabilize the economy, preserve, maintain or provide employment, and assist in the development of industrial, commercial, distribution and research activities required for the people of the City and for their gainful employment. Any conveyance or lease by the City to the CIC shall be made without advertising and receipt of bids when deemed in the best interest of the City by the Council of the City. If any lands or interests in lands conveyed by the City to the CIC are sold by the CIC at a price in excess of the consideration received by the City from the CIC therefor, such excess shall be paid to the City after deducting therefrom the following costs to the extent incurred by the CIC: the costs of acquisition and sale by the CIC, taxes, assessments, costs of maintenance, costs of improvements to the land by the CIC, debt service charges of the CIC attributable to such lands or interests, and a reasonable service fee determined by the CIC.
- b. Nothing in this Agreement and inclusive Plan shall be construed as permitting the CIC to obligate the City except as expressly set forth in this Agreement and inclusive Plan or any addendum thereto; moreover, except as may be otherwise provided in this Agreement and inclusive Plan or any addendum thereto, the CIC expressly is not authorized to incur debt to the City in amounts of \$25,000 or less without prior approval of the City Manager; moreover, the CIC expressly is not authorized to incur debt to the City in amounts that exceed \$25,000 without prior approval of the Council of the City.
- c. All costs of the CIC shall be paid solely from the funds of the CIC and the City need not contribute any moneys to the CIC to meet its costs; however, the City may make contributions

by grant for operational cost or otherwise, by supplemental contract(s), or by agreed upon membership fees with the CIC, all when deemed appropriate by the Council of the City, except that in no event shall any moneys raised by taxation be obligated or pledged for the payment of any bonds or other obligations issued or guarantees made pursuant to this Agreement and inclusive Plan.

- d. Not less than two-fifths of the governing board of the CIC shall be comprised of appointed or elected officers of the City or other political subdivision designating the CIC as its agency pursuant to Section 1724.10, Ohio Revised Code; and, not less than two-fifths of such governing board shall be designated by the Mayor of the City, subject to approval by the Council of the City and elected by the CIC, and at least one elected or appointed official shall be from each of the political subdivisions designating the CIC as its agency pursuant to Section 1724.10 of the Ohio Revised Code. While the City retains certain board seats, the City acknowledges the CIC's duties to its other memberships.
- e. In the event of any voluntary or involuntary dissolution or liquidation of the CIC, or in the event of failure to reinstate the Articles of Incorporation of the CIC after cancellation thereof, any remaining assets of the CIC shall be paid over and distributed as determined by the governing body of the CIC with the approval of the Court of Common Pleas of the County of Henry County, Ohio, to one or more political subdivisions of the State from which on the date of the dissolution, liquidation or cancellation of the Articles of the CIC there exists a designation of the CIC to act as agent for industrial, commercial, distribution and research development, to be used exclusively for designated civic projects or public charitable purposes.
- f. The term of this Agreement and inclusive Plan, as amended, shall commence on the date of its making and shall continue in effect thereafter except as otherwise provided in this subsection 4(f). Upon the expiration of twelve months after either party shall have given to the other party notice of intention to withdraw from this Agreement, no further actions, agreements, contracts, liabilities or obligations shall be initiated or incurred pursuant to this Agreement and inclusive Plan, but any action, agreement, contract, liability or obligation which has been commenced, entered into, initiated or incurred prior to the expiration of such twelve month period shall not be affected by such withdrawal and this Agreement shall remain in full force and effect as to any such action, agreement, contract, liability or obligation and the CIC shall continue as the Agency of the City under this Agreement and inclusive Plan and the designation made by the Council of the City in the ordinance confirming and authorizing this Agreement and inclusive Plan, as to all such actions, agreements, contracts, liabilities or obligations. Notice of withdrawal shall be given to the City by delivering a copy of such notice to the office by the Clerk of Council of the City and to the CIC by delivering a copy of such notice to the person in charge of its principal office.
- g. No provision, term or covenant contained in this Agreement and inclusive Plan shall be construed as prohibiting or limiting the City from independently exercising any and all powers it may have under the Constitution of the State, Chapter 165, Ohio Revised Code, or any other law, or under any ordinance or resolution of the City.

- h. This Agreement and inclusive Plan may be again be amended or supplemented from time to time as desired and approved and confirmed by the Council of the City and the Board of Trustees of the CIC.
- i. This Agreement and inclusive Plan may be executed in several counterparts, each of which shall be regarded as an original and all of which shall constitute but one and the same agreement. It shall not be necessary in proving this Amended Agreement and inclusive Plan to produce or account for more than one of those counterparts.
- This Agreement and inclusive Plan amends in its entirety the original Agreement and Plan dated the 12th day of August, 1986.
 - k. In the event of a conflict in this Agreement and inclusive Plan and any addendum thereto, the addendum shall control.
 - 1. This Agreement and inclusive Plan immediately terminates any supplemental service agreements between the parties dated in the years of 1990 through 1998, including Contract No. 98-025.
 - This Agreement shall constitute the "Plan" for the purpose of satisfying Section m. 1724.10 of the Ohio Revised Code.

IN WITNESS WHEREOF, the City and the CIC, by their duly authorized officers, have caused this Amended Agreement and inclusive Plan to be executed as of the day and year first above written.

> COMMUNITY IMPROVEMENT CORPORATION OF HENRY COUNTY, OHIO

CITY OF NAPOLEON, OHIO

on A. Bisher, City Manager

Re-Executed April 20, 2011

Resolution No. 017-11

APPROVED AS TO FORM AND CORRECTNESS:

David M. Grahn, City Law Director

John Donavon, Attorney for CIC

City of Napoleon, Ohio Board of Zoning Appeals

Meeting Agenda Tuesday, July 12, 2016 at 4:30pm

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

I. Call to Order	
II. Roll Call	
III. Approval of Minutes (In the absence of a proved.)	ny corrections or objections, the Minutes shall stand ap-
IV. New Business	
Napoleon, Ohio. The applicant is reques 300 square foot building on the same lot a combined gross floor area of 1290 that property is located in an R-4, High Dens Chapter 175. BZA 16-04 An application for public hearing has be Napoleon, Ohio. The applicant is reques to 5' so that he may demolish an existing	en filed by Keith Layman owner of, 403 E Main St., ting a variance to allow the construction of a second 15'x 20' that has an existing 45'x 22' 990 square foot building, with is 290 sq ft greater than is allowed by section 1131. The ity Residential District. The request is pursuant to City Code en filed by Brooks Pedraza owner of, 302 Jahns Rd., ting a variance to reduce the current side yard setback of 7' g carport and build a garage in the same location. The ity Residential District. The request is pursuant to City Code
V. Closing Remarks	
VI. Adjournment	

City of Napoleon, Ohio Board of Zoning Appeals Meeting Minutes Tuesday, June 14, 2016 at 4:30 PM

PRESENT

Board Members City Staff Recorder Robert McLimans – Chair, David Dill, Tom Mack, Laurie Sans, Steve Small Tom Zimmerman, Zoning Official

Anne Taylor Jerry Hillis

ABSENT

Others

Call To Order

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

Minutes Approved Minutes from April 12, 2016 stand approved as read with no objections or corrections.

BZA 16-02 Background An application for public hearing has been filed by Eagle River Properties owner of 629 W Washington St., Napoleon, Ohio. The applicant is requesting a variance to reduce the current side yard setback of 7' to 5' on both sides of the lot for the construction of a two family dwelling. The property is located in an R-3, Moderate Density Residential District. The request is pursuant to City Code Chapter 175.

Research And Information

This property is located in an R-3, Moderate Density Residential District that does allow a two family dwelling. The Proposed location of the Duplex meets the requirements of the Residential Building Code, one-hour fire rated sidewall construction is not required when the structure is five feet from the property line.

Submittal Of Evidence

Zoning Official Tom Zimmerman read into the record the following letter that was received from Ronald R. Gunn of 650 W. Main Street, Napoleon

"June 7th 2016

Mr. Tom Zimmerman,

I am writing this from my home 650 W Main St. I read the letter sent to me about a variance of property on Washington St. Who is going to build, local builders? What price will housing be low income? Government assisted? Will it be party people? If they can't build on property as is, then find another location! Has Eagle River Properties been vested? What have they built before? I am against any variance of property.

My home was built by my grandfather and has been in the family since the 20's.

Birth date 11/4/29 (See Attached Letter)

Ronald R Gunn"

BZA 6/14/16 Page 1 of 3

Zoning Official Tom Zimmerman read into the record the following notation of a phone call he received regarding the proposed variance: On June 8th 2016 I received a phone call from Nathan Cordes at 632 W. Main. He asked me to inform the board that he is not in favor of a two family dwelling being built there. I told him the reason for the variance was not if a two family could be built it was to reduce the side yard setbacks from 7 feet to 5 feet. He then said to tell the Board not to allow the variance and they should build at the required setback of 7 feet. (See attached documentation of conversation)

Swearing In:

Chairman McLimans swore in Jerry Hillis of Eagle River Properties and asked him to address the Board.

Photos of the property were submitted as evidence.

Testimony

McLimans asked Hillis to address the questions from Mr. Gunn's letter. Hillis advised the dwelling will be built by a local builder and will not be a low income housing unit. Hillis added that the housing in the neighborhood is nice and it is their desire to build a dwelling comparable, if not better, as far as structure, appearance, size and landscaping. Hillis added that this would be a higher income rental. Hillis stated his company wishes to take this route instead of refurbishing an older home that would attract lower income renters. Eagle River Properties is gearing towards higher income renters and added that they own property on Welsted St that they have completely remodeled including concrete drive, sidewalks and landscaping that is in very good condition. The proposed unit will have two (2) 980 square feet, single story, two (2) bedroom units in the duplex.

Small asked Hillis what his time frame would be with Hillis stating they plan on breaking ground in August with completion of the exterior first. Dill asked Hillis if there would be a subcontractor with Hillis advising he is building the structure through his business, Eagle River Properties, with his business partner Craig Meyers who is also a local contractor.

McLimans asked if Zimmerman received any other feedback on the proposed variance with Zimmerman responding that letters were mailed to adjacent property owners with no additional responses.

Small stated that the opposition received in the letter from Mr. Gunn and the phone call from Nathan Cordes are not relevant to the issue at hand of the set back of five (5) feet rather than seven (7) feet.

Dill asked for confirmation that there was no opposition from neighbors on either side with Hillis stating he has not heard of any opposition personally. McLimans asked if a fence would be placed on the back side of the property with Hillis responding that a fence may be built, but there is no final decision on that at this time.

Motion To Approve BZA 16-0 As Presented Motion: Small Second: Dill

To approve BZA 16-0 as presented

Passed Yea-NavRoll call vote on above motion: Yea – Small, McLimans, Dill, Sans, Mack Nav –

BZA 6/14/16 Page 2 of 3

Adjournment	Motion: Sands Second: McLimans To adjourn the meeting at 4:50 pm
Passed	Motion approved by unanimous voice vote.
Date	Robert McLimans, Chair



BZA 6/14/16 Page **3** of **3**

City of Napoleon, Ohio Preservation Commission

Meeting Agenda Wednesday, July 13, 2016 at 8:30 am

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

- I. Call the meeting to order by Chair Mary Wesche
- II. Approval of Minutes from
- III. New Business
 - A. NPC 16-02
 - Robin Weirauch has requested on behalf of the building owner James Tonjes a Certificate of Appropriateness regarding placing a sign on the front and alley side of the building at 719 N. Perry
- IV. Any other matters currently assigned to the Preservation Commission
- V. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

City of Napoleon, Ohio Preservation Commission Meeting Minutes April 26, 2016 at 1:00 pm NPC 16-01

PRESENT

Commission
City Staff
Recorder
Others

Marv Barlow, Glenn Miller , Joel Miller, Ed Peper, Mary Wesche Tom Zimmerman, Building Official; Lisa Nagel, Law Director Anne Taylor

ABSENT Commission

Media, Cory Sipert, Steve Sauder, Deborah Sauder David

Call To Order

Acting Chairman Joel Miller called the meeting to order at 1:00 pm.

Swearing in of Appointments to the Preservation Commission Recorder Anne Taylor swore in members of the Preservation Commission as follows: Marv Barlow, Glenn Miller, Joel Miller, Ed Peper, Mary Wesche

Approval of Minutes

The meeting minutes from October 13, 2015 stand approved as presented with no objections or corrections.

Motion to Approve Minutes as Presented Motion: Wesche Second: Miller

Passed Unanimous Voice Vote Motion approved by unanimous voice vote.

NPC 16-0 Background An application for a Certificate of Appropriateness has been requested by Cory Sipert, c/o 716 Perry, LLC, and owner of 716 N. Perry St., to demolish this building located within the City's Preservation District

On May 28, 2014, the City of Napoleon sent Mr. Nickolas Avina (the former owner of 716 N. Perry St.) a letter inquiring about the deteriorating condition of the commercial buildings he owned at 714 & 716 N. Perry St. In that letter, he was asked to contact a structural engineer and have the front facade and the roof line between buildings 714 and 716 evaluated because it appeared the two buildings were pulling apart. Mr. Avina ignored the letter, chose not to hire a structural engineer at the time, and instead moved his business out of the buildings on N. Perry St. in July, 2014. Mr. Avina also discontinued all utility services at 714 and 716 N. Perry St. Mr. Avina now rents a building at 116 W. Washington St. for his business.

Mr. Zimmerman continued to communicate with Mr. Avina as he still owned the buildings on N. Perry St. and remained responsible for their maintenance. In the August of 2014, Mr. Avina told Mr. Zimmerman he had the buildings evaluated by Technicon Design Group, Inc., and the City was provided a copy of the report. (See attached letter dated August 20, 2014, from Technicon Design Group). Technicon Design Group determined the brick sub-structure of the building (716 N. Perry St.) is moving, is too deteriorated to sustain the metal façade, and needs to be removed. The estimate to remove and repair the brick wall was \$100,000.00. That estimate did not include reinstalling the metal facade or any other necessary repairs. Mr. Avina told Mr. Zimmerman he refused to put that much money into the building, especially when it needed additional repairs, and therefore he was going to look for other contractors and options. In November, 2014, Mr. Avina hired a contractor – Mr. Bill Meyers. He also hired Mr. David Geringer, P.E. Mr. Meyers and Mr. Geringer designed and installed, in the front corner of 716 N. Perry St., a metal frame held in place with cables to temporarily stabilize the building to get it through the winter. The gentlemen also told Mr. Avina the sidewalk and parking spaces should be closed to the public until the building was safe and repaired. Mr. Zimmerman was also told that throughout the winter of 2014-2015, they were going to design a plan to permanently repair the building. That never happened.

In August, 2015, Mr. Zimmerman contacted Mr. Avina because the buildings were still in disrepair. Mr. Avina stated that Mr. Meyers refused to do the work because the cost of all repairs would be in excess of \$200,000.00. (See attached letter dated August 31, 2015, from David Geringer, P.E.). Mr. Zimmerman told Mr. Avina he had to fix the buildings for all the reasons previously stated and because there was an immediate threat of safety to the public due to falling tin on the building front (716 N. Perry St.) and other safety-related issues with the buildings. Mr. Avina again stated his company was broke, he was not going to spend any of his money to repair the buildings, and he could not borrow enough money to demolish the buildings either. Mr. Avina said he was going to "do nothing" because the buildings were not going to get fixed and the sidewalk would not be reopened.

On November 11, 2015, the City filed four criminal charges against Mr. Avina for property maintenance code violations. A court hearing was held on March 31, 2016. Mr. Avina pled guilty to all four charges and was ordered to pay fines and court costs.

Both buildings, 714 & 716 N. Perry St. were transferred on April 13, 2016, to a Toledo, Ohio company called 716 Perry, LLC (owned by Mr. Cory Sipert). Mr. Sipert's crew and engineering staff evaluated the buildings and provided the attached April 6, 2016 letter. Mr. Sipert now requests a Certificate of Appropriateness from this Commission to demolish only the building located at 716 N. Perry St. The City supports, in full, Mr. Sipert's request. As stated in his April 6, 2016, letter, Mr. Sipert will rehabilitate 714 N. Perry St. which will allow a tenant(s) to move into the upstairs portion of that building and a

business to move into the downstairs portion of that building. Parking spaces will also be added.

Based on the information and photographs provided herein, realistic alternatives to demolition are not economically viable because of the nature and cost of work necessary to preserve this structure and the lack of ability to realize any appreciable part of such rehabilitation value.

In addition, the new building owner, Mr. Sipert, submits that demolition of 716 N. Perry St. is consistent with, or materially furthers, the criteria and purpose of the City's Preservation District Ordinance, namely:

- 1. Protecting and enhancing the City's attractions to prospective residents, businesses, and visitors by eliminating a dilapidated building that has become an eyesore at a prominent location in the City's downtown.
- 2. Providing support and stimulus to business and industry by clearing the way for additional and more accessible parking spaces for visitors and patrons of the expanding nearby businesses.
- 3. Strengthening the economy of the City by stabilizing and improving property values with the elimination of one blighted and unsafe building.
- 4. Facilitating reinvestment in, and revitalization of, certain older districts and neighborhoods. Nearby vacant buildings are more likely to become occupied once this blighted building is removed and additional accessible parking is available.
- 5. The new owner has communicated with Sauder's Village in Archbold, Ohio to facilitate and allow for reasonable salvage of significant architectural features prior to the issuance of the demolition permit, such as the arched-top historic windows, the architectural features at the top of the roof and facing the street, other components of the façade, a staircase located inside the building, and perhaps other features as agreed upon.

Evidence Submitted

Zimmerman submitted pictures of 714 and 716 N Perry Street and pointed out the condition of the buildings in question from two (2) years ago in comparison to the continued deterioration as it is standing today. Photos of the interior showed deterioration due to a beam failing to support the structure from a lack of stabilization. Miller questioned if the condition of these buildings in question are similar to the condition of the building that was tore down next to John Donovan's office a few years ago. Zimmerman replied stating the building conditions are similar.

Swearing In

Acting Chair J. Miller swore in Cory Sipert of 6222 N Summit St, Toledo, Ohio on behalf of 716 Perry LLC and asked him to address the Board.

Testimony

The Board asked Sipert what his intentions are for the exterior of the building after demolition of the North 716 Perry Steet building. Sipert responded that upon demolition of 716 N Perry St, the exterior wall of 714 N Perry will be a cement/plaster overlay (as is currently) and then painted to a color that suits the committee and surrounding structures. The two (2) openings that the prior owner had made so he could have one continuous retail area will be filled so that the exterior looks uniform comparable to the Spengler's Restaurant exterior wall. The ground level will become future parking after the building is removed. He advised that when a lower tenant is in place, the exterior wall may be modified to meet the new tenants needs.

Wesche asked Sipert if he has a timeline for the demolition and renovation with Sipert referring the Board to a letter he submitted with a timeline. (See attached). Sipert went on to advise that pending approval today, hazardous removal would start tomorrow with Sauders Village being permitted access to the building to salvage what they want in proper fashion. Sipert stated that he has applied for demolition permits, pending approval by the Commission. Wesche questionned if the parking would be private or public with Sipert responding that it would be public parking until a tenant is in place, with reserved spots for his tenants and the remaining potentially public parking.

Zimmerman added that the apartment above the South building is in good condition and with minor renovations would be suitable to be rented soon.

Acting Chair J. Miller swore in Deborah Sauder-David, President/CEO of Sauder Village, Archbold, Ohio and asked her to address the Board.

Sauder-David spoke on behalf of Sauder Village stating that forty (40) years ago her grandfather, Erie Sauder, established Sauders Village in Archbold, Ohio. Sauder-David reported that Sauder Village would like to continue what Mr. Sauder started with their main purpose to be to continue the conservation process of architectural history. Sauder-David advised that Sauder Village does not have a downtown in their Village and wants to bring the Village up to the 1920 Era with a downtown Main Street area within the Village. Sauder-David stated that if the Village is approved to reclaim specific archetecture from the 716 N Perry Street building, that in the future a part of Napoleon will be able to be seen by visitors from all over the world at Sauder Village. Sauder-David advised that Sauder Village would be happy to have anything potentially usable from salvage for their concept and vision of expanding the Village to include a downtown area. Sauder-David explained that Sauder Village has already applied for State Capital Dollars with a good chance of receiving some significant dollars towards this expansion.

Wesche applauded Sauder-David and the Sauder Village and their vision for the expansion to include a piece of Napoleon Downtown history, adding that it is nice to see what our City has to offer to be put to use instead of tearing down a building and recycling it.

Swearing In

Testimony

Zimmerman asked Sauder-David if a marker would be placed at the site of the downtown building replication in the Village of the Napoleon Perry Street Building with Sauder-David responding that she would have a sign distinguishing the Napoleon Downtown property.

G. Miller stated he would like to see all pieces possible be salvaged. Peper asked if the entire front of the building would be recreated at Sauder Village. Sauder- David referred the question to her colleague Steve Sauder, with Sauder stating that the entire second floor facad would be retrieved and salvaged. Sauder added that there is a wooden interior stairway that will be salvaged as well. Peper stated that in the past he has admired the architecture features of the building as it is exclusive in design and added that it will be nice to see it preserved.

Zimmerman stated that neighboring property owner, Jack Collins, was unable to attend this meeting but sent a comment that he was in favor of the work proposed and will support the project. Barlow asked Zimmerman if he had any other comments regarding the buildings with Zimmerman stating he had no additional comments. J. Miller expressed his concern with loosing downtown buildings, but he feels this is building is beyond repair and is happy to have Sauder's and Sipert saving a portion of the building, adding that it will be a relief to the Avina Family to be released from this situation. J. Miller believes this is a good solution for everyone.

Evidence Submitted

Zimmerman referred the Commission to the timeline as presented by Sipert. See Attached.

Motion To Approve NPC 16-1 Certificate of Appropriateness Motion To Approve NPC 16-1 Certificate of Appropriateness Motion: G. Miller Second: Barlow

Passed Yea- 5 NayRoll call vote on above motion: Yea- Barlow, G. Miller, J. Miller, Peper, Wesche

Nay-

Election of Chair For Preservation Commission

G. Miller nominated Wesche as Chair of the Preservation Commission No other nominations. Barlow seconded Wesche for Chair and closed nominations.

Motion To Approve Election of Chair For Preservation Commission

Motion: G. Miller Second: Barlow

Passed

Yea- 5

Nay-

Roll call vote on above motion: Yea- Barlow, G. Miller, J. Miller, Peper, Wesche NayAny Other Items To Come Before The Commission Zimmerman mentioned the Central School property possibly being in the Preservation District. Nagel Advised that this topic can be discussed at a future public meeting.

Adjournment

Motion: Wesche Second: Peper

To adjourn the Preservation Commission meeting at 1:42 pm

Passed

Roll call vote on above motion:

Yea- 5 NayYea- Barlow, G. Miller, J. Miller, Peper, Wesche

Nay-

Approval Date:

Mary Wesche, Chair

Memorandum

To: Water, Sewer, Refuse, Recycling & Litter Committee, Council, Mayor, City

Manager, City Law Director, City Finance Director, Department Supervisors

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

Date: 6/9/2016

Re: Water, Sewer, Refuse, Recycling & Litter Committee Meeting Cancellation

The Water, Sewer, Refuse, Recycling & Litter Committee, which is regularly scheduled to meet on Monday, July 11, 2016 at 7:00pm, 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: 7/7/2016

Re: Planning Commission Meeting Cancellation

The Planning Commission meeting regularly scheduled for Tuesday, July 12, 2016 at 5:00pm has been CANCELED due to lack of agenda items.



Plan to join fellow TMACOG Members for the 2016 Summer Caucus and Forum with State Lawmakers

Thursday, August 4, 8 a.m. – noon Penta Career Center, 9301 Buck Rd., Perrysburg

Senators and Representatives from Ohio and Michigan have already confirmed that they will participate. There is no fee to attend but please register to reserve your place. Contact Jennifer Allen at 419.241.9155, ext. 107 by Friday, July 29.

Agenda

9 a.m. Caucus sessions for counties, cities, villages, townships,

school districts & colleges/universities, special districts &

authorities, and non-governmental members.

10:30 a.m Forum with State Lawmakers

The day's programs will have opportunities for networking and conversation.

Thank you to Penta Career Center for their support of the summer caucus and legislators forum.



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FEATURE

Summer Caucuses and Forum with State Lawmakers



A large panel of elected officials have accepted the invitation to attend TMACOG's 2016 Summer Caucuses and Forum with State Lawmakers. This year's event is Thursday, August 4, 8:30 a.m. to noon. It will be held at the Penta Career Center in Perrysburg....read more

Upcoming Events

Summer Caucuses and Legislators Forum

Thursday, August 4, 8:30 a.m.-noon Location: Penta Career Center Contact: Jennifer Allen ext. 107

Ohio Conference on Freight

August 22-24, at the Hilton Cleveland Downtown Contact: Christine Connell ext. 119

WATER QUALITY

Regional Water Study Released

On June 15, TMACOG, with partners the City of Toledo and Lucas County, released a consultant's report comparing water rates under three different scenarios. The study is one of several in the region that will provide tools for local governments and to TMACOG's Regional Water Planning Committee as discussions about regional water supply go forward...<u>read more</u>

Green Infrastructure Tour



In late May, more than two dozen elected officials, stormwater planners, urban planners, and engineers took a tour of some of the region's green infrastructure installations. The bus tour was organized by the TMACOG Stormwater Coalition and Ohio Balanced Growth Program. At the various stops engineers and landscape architects involved with the projects explained the design and function of the infrastructure and took questions. ...read more

TRANSPORTATION

Status of Transportation Grant Projects

TMACOG is now accepting applications for **Transportation Alternatives Program** (TAP) projects to be funded as soon as
State Fiscal Year (SFY) 2018. There is approximately \$785,000
available for Lucas and Wood counties. The deadline for application
submittals is **August 12, 2016**. Projects have typically been
fundable at 80 percent of construction costs plus construction
engineering. The local sponsoring jurisdiction is responsible for the
20 percent balance of those costs as well as project preparation
expenses. Additional information about the use of TAP funds can
be found on the Federal Highway Administration website, under the
FAST Act (Guidance on Transportation Alternatives here). If you
have any questions about TAP applicatons, please contact
Transportation Planner Lance Dasher at 419.241.9155, ext. 115.

The application process for the **Surface Transportation Block Grant Program** (STBGP) is closed as of June 3, 2016. The STBGP is the new name for the Surface Transportation Program (STP). TMACOG received 33 applications requesting more than \$41 million in STBGP dollars. With local matching funds, these projects have a total cost of more than \$71 million. Approximately \$11 million will be awarded to these regional projects. The projects to receive funding will be ranked and selected by October 19, 2016.

Leaking Gas Caps Cost Money, Cause Pollution



TMACOG and the City of Toledo Division of Environmental Services team up to find and replace leaky gas caps. The summer program shares information about how gasoline vapor contributes to low level ozone pollution and provides free replacements for any leaking caps...<u>read more</u>

Traffic Count Season

TMACOG's summer traffic interns are traveling TMACOG's transportation planning area collecting 2016 traffic counts on area roads and updating the GIS file that locates K-12 schools. Their work keeps data used by planners current and correct...read more

Ohio Conference on Freight



Early registration for the tenth annual Ohio Conference on Freight closes July 29. Register now for the best value and to ensure your place on the tours. A reminder that the conference is a month earlier this year: August 22-24. It will be held at the brand new Hilton Cleveland Downtown.

All the information needed to plan for a useful and valuable conference is in the electronic invitation. Click on the <u>link</u> and flip the pages to see all the details about workshops, keynote speakers, and networking opportunities.

Maritime Tour

Members of the Freight Advisory Committee recently toured the Maritime Academy of Toledo and got a chance to use its ocean freighter simulation center.

The Maritime Academy is a charter school for grades 5 through 12 with both a college-prep and career-oriented curriculum. Students, called cadets, can earn their passport, merchant marine license, and Transportation Workers Identification Credential (TWIC) card for careers in the maritime industry. Cadets also learn skills that can lead to careers with the U.S. Navy or Coast Guard.



At the Maritime Academy, Wood County Engineer Ray Huber, Monroe County Planner Lee Markham, Lake Township Trustee Ken Gilsdorf, and Brenda Rice of the Adrian & Blissfield Railroad work on the simulator to pilot a 700-foot ship out of New York harbor, past the Statue of Liberty, and out to sea in calm weather, a sudden storm, and in fog.

Director of Maritime Studies Rick Brown and Simulation Specialist Jerry Bauman supervised.



Center for Emergency Preparedness Offers Wide Range of Training



For many years, business, industry, and emergency responders in northwest Ohio have had access to one of the state's most comprehensive training facilities. Now, with new training materials and other improvements over the last year, the Center for Emergency Preparedness at Owens Community College has even more to offer local governments...read more

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July 8, 2016

AMP hydro units produce record output

By Marc Gerken, PE - president/CEO

The recent rains have provided optimal Ohio River conditions for hydro production. Just in time for the hot weather, AMP and JV5's five hydro plants are producing 300 MW of power.

This is the highest output recorded since all 13 units at the five sites became commercial.

June 2016: Warmer weather, mild prices

By Mike Migliore – vice president of power supply planning & marketing

Although average temperatures for June ended above normal, the lack of any long-term heat waves kept prices on the low side. Off-peak prices (which include all 24 hours of Saturdays and Sundays) only averaged \$20.75/MWh at the AEP/Dayton Hub.

June prices were similar to May with minimal congestion throughout PJM. The states in MISO saw warmer weather than the PJM area, which led to a second straight month where Indiana Hub prices in MISO were higher than A/D Hub prices in PJM.

AVERAGE DAILY RATE COMPARISONS				
	June 2016 \$/MWh	May 2016 \$/MWh	June 2015 \$/MWh	
A/D Hub 7x24 Price	\$25.53	\$23.32	\$27.76	
PJM West 7x24 Price	\$26.35	\$24.30	\$28.53	
A/D to AMP-ATSI Congestion/Losses	\$0.40	\$0.16	\$2.47	
A/D to Blue Ridge Congestion/Losses	\$0.62	\$0.61	\$4.19	
A/D to PJM West Congestion/Losses	\$0.81	\$0.97	\$0.77	
PJM West to PP&L Congestion/Losses	-\$2.94	-\$3.39	-\$6.26	
IND Hub to A/D Hub Congestion/Losses	-\$1.60	-\$1.03	\$2.44	

^{*}Note: Market rates are for energy only and do not include capacity value

Member outing, dinner to be held Aug. 16

Registration is now being accepted for AMP's annual organizational and project update dinner and member outing, to be held Aug. 16. Details and registration information for the member outing were distributed this week. The organizational dinner will be held at the Crowne Plaza

Energy markets update

By Jerry Willman – assistant vice president of energy marketing

The August 2016 natural gas contract fell \$0.009/MMBtu to close at \$2.777 yesterday. The EIA reported an inventory injection of 39 Bcf for the week ending June 30, again below market expectations of a 44 Bcf injection and well below the five-year average of 77 Bcf for the period.

On-peak power prices for 2017 at AD Hub closed yesterday at \$38.14/MWh, which was unchanged for the week.

AFEC update

By Jerry Willman

Fremont remained in 2x1 configuration for the week during the on-peak hours, but due to lower PJM prices during the overnight hours, one of the CTs was cycled offline for the weekend and also overnight Monday and Tuesday.

Duct firing operated for 19 hours this week. The plant generated at a 58 percent capacity factor (based on 675 MW rating).

Lineworkers Rodeo deadline approaches

By Michelle Palmer, PE – vice president of technical services

Those who plan to volunteer or participate in the 2016 AMP Lineworkers Rodeo are urged to register soon, as the Aug. 5 deadline is quickly approaching. Registration and additional information is available on the AMP website.

AMP welcomes and encourages qualified individuals to volunteer as a judge for the Rodeo. We are also seeking sponsors and vendors who will have the opportunity to show their support for the electric utility industry,

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Hotel and is open to all members and Municipal Electric Partners (MEPs). AMP President/CEO Marc Gerken and members of AMP's executive management team will provide insight on various AMP initiatives.

For registration information, please contact Jodi Allalen at 614.540.0916 or jallalen@amppartners.org regarding the organizational update dinner and Brandon Poddany at 614.540.0847 or bpoddany@amppartners.org for the member outing.



Bob Bowman, assistant director of operations for the City of Piqua, speaks during the 2015 AMP/OMEA Conference Lightning Talks session.

Speakers are needed for 2016 **AMP Lightning Talks session**

By Michelle Palmer, PE

As a reminder, we are still accepting speakers to participate in the member Lightning Talks session at the AMP/ OMEA Conference, which will take place Sept. 26-29 at the Hilton Columbus at Easton.

One of the most popular sessions at last year's conference, these brief (five minutes or less) "lightning" talks are intended to concisely cover topics in a quick, insightful manner, allowing the audience to hear multiple speakers in a short period of time. We are excited to be able to offer the session again this year and hope members will consider sharing their stories.

Please contact me at mpalmer@amppartners.org or 614.540.0924 for more information or to participate.

JUNE OPERATIONS STATISTICS				
	June 2016	June 2015		
JV6 Wind Capacity Factor	12%	15%		
Belleville Capacity Factor	84%	77%		
Willow Island Capacity Factor	63%	N/A		
AFEC Capacity Factor	64%	48%		
Blue Creek Wind Capacity Factor	22%	24%		
Napoleon Solar Capacity Factor	22%	20%		
Prairie State Capacity Factor	94%	77%		
Avg. A/D Hub On-Peak Rate	\$31/MWh	\$36/MWh		

- *Fremont capacity factor based on 675 MW rating
- *Solar capacity factor based on 3.54 MW rating
- *PS capacity factor based on 1,582 MW rating
- *Willow Island capacity factor based on 44.2 MW rating

On Peak	(16 hour)	prices into	AEP/	Dayton	Hub
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Week ending July 8					
MON	TUE	WED	THU	FRI	
\$ 22.80	\$34.31	\$38.81	\$46.57	\$43.61	
Week ending July 1					
MON	TUE	WED	THU	FRI	
\$36.03	\$29.78	\$30.59	\$32.31	\$29.67	
AEP/Dayton 2017 5x16 price as of July 7 — \$38.14					

Rodeo deadline approaches

AEP/Dayton 2017 5x16 price as of June 30 — \$38.14

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and demonstrate products and services to AMP's member electric personnel. The Rodeo, which will take place Aug. 26-27 at AMP headquarters, is a great event that showcases the skills of lineworkers in AMP member communities. In addition to competing in Rodeo events, participants can attend valuable training sessions to enhance their on-thejob skills and improve safety. Training sessions, Aug. 26, are offered at no additional cost and include:

- Rubber Cover Up/Rubber Glove Use: 9 to 10 a.m. - Scott McKenzie, AMP
- Grounding for Worker Protection: 10:30 to 11:30 a.m. - John Friley, Westerville

The Rodeo events, which largely take part on Aug. 27, feature individual and group events designed to replicate actual lineworker tasks and test skills that are needed on a daily basis. The Rodeo participants compete in three levels of competition: team, individual journeyman and apprentice. Events will be judged on safety, work practices, neatness, ability, equipment handling and timely event completion.

Overall winners from each category are provided full sponsorship to attend and compete in the national American Public Power Association (APPA) Lineworkers Rodeo. Partial sponsorship is also available, but competitors must participate in the AMP Rodeo to qualify for sponsorship to the APPA event.

The AMP Rodeo is a family-friendly event and a wonderful opportunity for families to see and better understand utility work. For more information, please contact Jennifer Flockerzie, technical services program coordinator, at jflockerzie@amppartners.org or 614.540.0853.

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.

Piqua receives NDA award for environmental excellence

Provided by Piqua Power System

The City of Piqua Power Plant Waterfront Redevelopment Project recently received a National Demolition Association (NDA) Environmental Excellence Award. Piqua's contractor,



HOMRICH, accepted the award in the Community Enhancement category at the NDA Demolition Convention and Expo in March.

Presented annually, the Environmental Excellence Award honors NDA members who have demonstrated significant environmental conservation and community involvement, made a significant quality of life impact on their community, and showed leadership and innovation in green development to better their local and regional environment.

"This project was truly a team effort," said Ed Krieger, director of the Piqua Power System. "This award testifies our efforts

were focused in the right direction, as we have helped create an enjoyable and special destination along the city's recreation corridors, while preserving part of Piqua's history."

The NDA's mission is to provide its members with the tools necessary to be the leaders in environmental stewardship, safety, education, professional competency and government advocacy. More information about the organization is available here.

Classifieds

BMU seeks director of utilities

Bryan Municipal Utilities, located in Northwest Ohio, is currently accepting applications for Director of Utilities. This position reports to a five-member board.

Work involves planning, organizing and coordinating all utility functions for Electric Transmission and Distribution, Cable and Fiber Internet, Hydro, Fuel and Solar Generation, Water Distribution, Water Supply and Treatment, and Utility Engineering; developing operating objectives, policies and programs for all administrative activities and developing and implementing, at board direction, an annual budget and a long-range capital budget for each operation.

Minimum requirements include a bachelor's degree in business administration, public administration, electrical engineering, planning, communication, or mechanical engineering or an equivalent combination of education, experience and training that provides the required knowledge, skills and abilities and a valid driver's license. Candidate must have strong leadership and communication skills.

A job description with qualifications may be downloaded here. Please submit resume by July 29, 2016, to Bryan Municipal Utilities, 841 E. Edgerton St., Bryan, OH 43506; or email to humanresources@cityofbryan.com. EOE.

Manager needed in Wellington

Under the direction and supervision of the Mayor, the Village Manager manages and directs the operations of the village's electric, water and sewer facilities, as well as municipal parks, streets and public buildings.

The position actively supervises a staff of approximately 30 employees, and attends meetings of the village council regularly and other boards and commissions as necessary. The manager regularly meets to resolve issues with both village residents and governmental officials. Appointment is by Mayor, with the approval of village council.

Applicants need not currently be residents, but must establish residency in the village within six months after

appointment. Salary will be negotiable based on qualifications and experience.

A degree or formalized training and certification in public administration, management or a specialized field relevant to the position duties is preferred. A minimum of three years of supervisory or management experience, preferably in the public sector, is required for an applicant to be considered. Knowledge/experience concerning governmental contracting and construction, and concerning municipal budget and expenditure procedures are a plus.

Interested individuals are invited to submit letters of interest and/or resumes for consideration (subject to the requirements of Revised Code Section 149.43). Detailed job duties are available upon request. Apply by email: hschneider@villageofwellington.com or mail: Mayor Hans Schneider, Village of Wellington, 115 Willard Memorial Square, Wellington, OH 44090.

Painesville seeks lineworker

The City of Painesville is seeking an experienced First Class Journeyman Lineworker to work second shift, 3 to 11 p.m. weekdays. The position will supervise another person in a two-person crew setting.

The details and application procedure are available on the city website or by calling the city's human resources department at 440.392.5787. For more information, contact the Electric Distribution office at 440.392.6158.

Open position at Columbus **Department of Public Utilities**

The City of Columbus Department of Public Utilities is seeking qualified candidates for Engineer-In-Training I. Applications must be submitted to the Civil Service Commission by applying online. Contact the Civil Service Commission (77 N. Front St., 3rd Floor, Columbus, OH 43215) at 614.645.8300 with questions. EOE.

CLASSIFIEDS continued from Page 3

Responsibilities include learning to prepare and review designs for electrical distribution circuits and power substation equipment, and learning to prepare and review reports and studies recommending engineering solutions. Additionally, this position will also learn to estimate cost and quantities of materials and equipment for project construction, will learn to program and test electronic relays, and learn to use power system analysis software such as EasyPower and SKM for electrical distribution system studies.

Bachelor's degree of science in engineering and possession of a valid driver's license are required. A degree with electrical engineering emphasis is preferred. Starting salary \$22.08 - \$33.10 per hour. Apply by July 8, 2016.

DEMEC member seeks applicants

The City of Newark seeks a self-motivated, skilled and dynamic individual to join the Electric Department team. The ideal candidate will have five to 10 years of working experience in the electric service industry, along with three to five years of progressive supervisory responsibility. Candidates will have a passion to serve the public sector.

A bachelor's degree in electric engineering required; a Delaware registered PE license preferred. Candidates must be available to potentially work nights or weekends and during extreme weather events. Good communication skills, computer competency and ability to multitask required. Annual salary range is \$92,703 - \$117,299 plus excellent fringe benefits.

Interested individuals can review a full job description online and need to complete an application here by 4 p.m. July 29, 2016. EOE.

City of Hamilton in need of candidates for open position

The City of Hamilton seeks applicants for Assistant Public Utilities Director. Current detailed resumes must be submitted in Word or PDF to: Civil Service Dept., One Renaissance Ctr., 345 High St.-1st Fl., Hamilton, OH 45011 by email: cspersonnel@.hamilton-oh.gov or fax: 513.785.7037.

If necessary, application may be made in person or via USPS. Specify interest in ASST PUBL UTILS DIR. The <u>City of Hamilton</u> is an EEO & AAE. Minorities and women are encouraged to apply. Salary: \$108,971 - \$139,589 (plus benefits).

This position is responsible for difficult professional, administrative and supervisory work in the planning, organization, direction and coordination of the operations, maintenance, capital improvements and activities of the Power Supply and Generation, Electric Transmission and Distribution, Natural Gas Transportation and Distribution, Water Supply and Treatment, Water

Transmission and Distribution, Wastewater Collection and Water Reclamation Facility Systems, Utility Engineering, Utility Business and Customer Service functions (Utility Systems).

Qualifications include: bachelor's degree in business administration, engineering, public administration or closely related field with a professional certification such as a CPA or PE and/or graduate experience is preferred. Class IV Ohio Environmental Protection Agency Wastewater Treatment Operator's certification and Class III Ohio Environmental Protection Agency Water Supply Operator's certification preferred.

Extensive (five to seven) professional experience in public utility management, including supervisory experience; or any equivalent combination of experience and training which provides the knowledge, skills and abilities to effectively perform the essential job functions. A valid registration as a professional engineer in the State of Ohio, or other equivalent certification from another state is desirable, but not required.

Extensive, progressively responsible management experience in a public utility, with experience in a multi-service utility; and in electric power supply and generation, transmission and distribution systems preferred. Deadline to apply is 5 p.m. July 28, 2016.





APPA Academy Webinar Series

An internet connection and a computer are all you need to educate your entire staff for just \$99. Register today at APPAAcademy.org. Non-APPA members enter coupon code **AMP** to receive the member rate.

- Governance Series: Rate Making for Utility Boards and City Councils July 7
- Workforce Series: Success in Succession Planning July 12
- Accounting & Finance Series: Industry Rate Trends and Future Rate Structures July 27
- Workforce Series: Benchmark Your Compensation and Counter the Competition Aug. 9
- Governance Series: Strategic Planning for Utility Boards and City Councils Aug. 11
- Account & Finance Series: Line Extension Policies (Contributions in Aid of Construction) Aug. 18







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Call Kerin Scott at 614.540.6406 or email to kscott@amppartners.org if you would like to pass along news or ads.