
Memorandum

:

To: Mayor and Members of City Council
cc: City Manager, Finance Director, City Law Director
From: Roxanne
Regarding: General Information
Date: June 8, 2018

CALENDAR

MONDAY, JUNE 11, 2018

1. **AGENDA**—ELECTRIC COMMITTEE & BOPA at 6:15 PM
 - a. Approval of Minutes –
 - the May 14, 2018 meeting minutes are enclosed.
 - b. June 2018 PSCAF –
 - the reports are attached.
 - c. Status of Transmission Ownership
 - d. Efficiency Smart Program Update
 - e. Electric Department Reports –
 - the reports from May 2018 are enclosed.
2. **AGENDA**—WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE at 7:00 PM
 - a. Approval of Minutes –
 - the minutes from the March 12, 2018 meeting are attached.
 - b. Long Term Control Plan (LTCP) Update *[meeting with BOPA]*
 - c. Update on Integrated Planning *[meeting with BOPA]*
 - Information included in your packet: Executive Summary for the WWTP Master Plan and Drawings for Location of the Head Works.
 - d. Refuse and Recycling Updates *[meeting with BOPA]*
3. **AGENDA**—MUNICIPAL PROPERTIES, BUILDINGS, LAND USE & ECONOMIC DEVELOPMENT COMM. SPECIAL MEETING at 7:30 pm
 - a. Approval of Minutes -
 - the meeting minutes from May 14, 2018 are attached.
 - b. Discussion on Project Schedules.
 - c. Master Plan Update.

INFORMATIONAL ITEMS

1. Agenda – Records Commission – Tuesday, June 12th at 4:00 pm
2. Meetings Canceled
 - a. Board of Zoning Appeals
 - b. Planning Commission
3. Press Release – MOSQUITO SPRAYING PROGRAM
4. Schedule of Activities for the 2018 FOURTH OF JULY CELEBRATION
5. AMP Weekly Newsletter/June 1, 2018
6. OML Legislative Bulletin/June 8, 2018
7. OML June 6 Call to Action
 - a. Urban Farming Legislation *(6.7 hearing canceled)*

June 2018						
◀ May						July ▶
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				31	1 9:00 am Healthcare Cost Committee	2
3	4 6:15 pm Technology Comm. 6:45 pm Public Hearing 6:55 pm Public Hearing 7:00 pm City Council	5	6	7	8	9
10	11 6:15 pm - Electric Comm. BOPA 7:00 pm Water & Sewer Committee 7:30 pm Municipal Properties ED Committee	12 4:00 pm Records Commission	13	14	15	16
17	18	19	20	21	22	23
24 Greg Vacation Week ▶ ▶ ▶ ▶	25 6:15 pm - Finance & Budget Committee 6:45 pm - Public Hearing 7:00 pm - Special Council Meeting	26 4:30 pm Civil Service Commission	27 6:30 pm Parks & Rec Board Mtg.	28	29	30

City of Napoleon, Ohio

ELECTRIC COMMITTEE

Amended Meeting Agenda

Monday, June 11, 2018 at 6:15 pm

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

- 1) Approval of Minutes: May 14, 2018 *(In the absence of any objections or corrections, the Minutes shall stand approved).*
- 2) Review/Approval of the Power Supply Cost Adjustment Factor for June 2018: PSCAF – three (3) month averaged factor \$0.01495
JV2 \$0.033772
JV5 \$0.033772
- 3) Status of Transmission Ownership.
- 4) Efficiency Smart Program Update.
- 5) Electric Department Reports.
- 6) Any other matters to come before the Committee.
- 7) Adjournment.



Gregory J. Heath
Finance Director/Clerk of Council

ELECTRIC COMMITTEE

Meeting Minutes

Monday, May 14, 2018 at 6:15 pm

PRESENT

Committee Members
Board of Public Affairs
Finance Director/Clerk
Recorder/Records Clerk
City Staff
Others

Travis Sheaffer-Chair (arrived at 6:40 pm), Lori Siclair
Dr. David Cordes-Chair, Mike DeWit, Rory Prigge
Greg Heath
Roxanne Dietrich
Dennis Clapp, Electric Distribution Superintendent
Northwest Signal

ABSENT

Committee Member

Joe Bialorucki

Call to Order

Chairman Sheaffer called the Electric Committee meeting to order at 6:41 pm.

Approval of Minutes

Hearing no corrections or objections, the minutes from the March 13, 2018 meeting stand approved.

PSCAF for May 2018

Heath stated while reviewing the May PSCAF, an error was discovered in the formula used in the April spreadsheet, the PSCAF for April 2018 was computed using four (4) months instead of three (3) months. The correct PSCAF for May, 2018 is \$0.01532, with the credit of (\$0.00042) applied for the April, 2018 correction, the net PSCAF for May, 2018 is \$0.01490.

Motion to Accept the BOPA Recommendation to Approve the May 2018 PSCAF at \$0.01490

Motion: Siclair Second: Sheaffer
to accept the BOPA recommendation to approve the May 2018 PSCAF as \$0.01490, JV2 \$0.026532 and JV5 \$0.026532.

Passed

Yea-2

Nay-0

Roll call vote on the above motion:

Yea-Siclair, Sheaffer

Nay-

Electric Vehicle Charging Stations

Mazur reported AMP has formed an electric vehicle subcommittee with the group focusing on changes in the energy industry. There has been discussion of possibly starting rebates to encourage more electric vehicle usage, possibly for an electric charger for the people that purchase electric vehicles to help offset some of the startup costs. DeWit noted there is potential for electric semis. Dr. Cordes said one of the big things being talked about are electric garbage trucks that would get 60-70 mpg, he thought semis may be more hydrogen. Mazur added there is too much variation to have a uniform battery charger. Dr. Cordes said Toyota is saying by 2022 they could have a solid state battery that will be a game changer. Mazur told the committee and board, should something come about, he will bring it back.

Electric Department Report

Electric Distribution Superintendent Clapp reported there were only four outages and callouts for the month of April. All new switches have been put in and concrete was put in at the base of the structures at Industrial Substation, we now have all switches changed out for the 69kv loop feed backup. A solar output trend graph has been added to the reports, Todd Wachtman put the graph together that starts when the solar field began in 2012 and goes up to now. We applied to APPA to become an RP3 community. RP3 focuses on reliability, safety, work force development and system improvements. Dr. Cordes asked what the advantage is of being an RP3 community? Mazur responded, reliability is important to businesses.

6:40 pm – Sheaffer arrived.

Other Matters

**Motion to Adjourn
Electric Committee Mtg.**

Passed
Yea-2
Nay-0

Approved

June 11, 2018

Travis Sheaffer - Chair

CITY OF NAPOLEON, OHIO - PSCAF

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

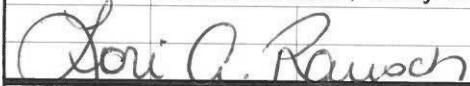
COMPUTATIONS WITH CORRECTED DATA FROM JULY, 2015, THROUGH MARCH, 2017

AMP Billed Usage Month	PSCAF City Billing Month	AMP - kWh Delivered As Listed on AMP Invoices	Purchased Power Supply Costs (*=Net of Known) (+ OR - Other Cr's)	Rolling 3-Month Totals Current + Prior 2 Months		Rolling 3 Month Average Cost	Less: Fixed Base Power Supply Cost	PSCA Dollar Difference + or (-)	PSCA-Corrted. 3 MONTH AVG.FACTOR + Line Loss
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
		Actual Billed	Actual Billed w/Cr's	c + prior 2 Mo	d + prior 2 Mo	f / e	\$0.07194 Fixed	g + h	i X 1.075
Sep '16	Nov '16	13,547,772	\$ 1,079,259.61	45,256,334	\$ 3,369,937.96	\$ 0.07446	\$ (0.07194)	\$ 0.00252	\$ 0.00271
Oct '16	Dec '16	12,402,405	\$ 955,761.68	42,814,229	\$ 3,245,080.17	\$ 0.07579	\$ (0.07194)	\$ 0.00385	\$ 0.00414
Nov '16	Jan '17	12,220,092	\$ 956,580.93	38,170,269	\$ 2,991,602.22	\$ 0.07838	\$ (0.07194)	\$ 0.00644	\$ 0.00692
Dec '16	Feb '17	13,827,811	\$ 1,089,497.78	38,450,308	\$ 3,001,840.39	\$ 0.07807	\$ (0.07194)	\$ 0.00613	\$ 0.00659
Jan'17	Mar '17	13,656,702	*\$ 1,025,645.91	39,704,605	\$ 3,071,724.62	\$ 0.07736	\$ (0.07194)	\$ 0.00542	\$ 0.00583
Feb'17	Apr '17	11,866,614	*\$ 912,320.61	39,351,127	\$ 3,027,464.30	\$ 0.07693	\$ (0.07194)	\$ 0.00499	\$ 0.00536
Mar'17	May '17	12,936,492	\$ 1,069,577.85	38,459,808	\$ 3,007,544.37	\$ 0.07820	\$ (0.07194)	\$ 0.00626	\$ 0.00673
Apr'17	June '17	11,497,068	\$ 943,085.70	36,300,174	\$ 2,924,984.16	\$ 0.08058	\$ (0.07194)	\$ 0.00864	\$ 0.00929
May'17	July '17	12,213,395	\$ 1,006,024.23	36,646,955	\$ 3,018,687.78	\$ 0.08237	\$ (0.07194)	\$ 0.01043	\$ 0.01121
June'17	Aug '17	13,580,367	\$ 1,096,910.02	37,290,830	\$ 3,046,019.95	\$ 0.08168	\$ (0.07194)	\$ 0.00974	\$ 0.01047
July'17	Sep '17	14,573,346	\$ 1,192,319.89	40,367,108	\$ 3,295,254.14	\$ 0.08163	\$ (0.07194)	\$ 0.00969	\$ 0.01042
Aug'17	Oct '17	14,326,956	\$ 1,182,800.05	42,480,669	\$ 3,472,029.96	\$ 0.08173	\$ (0.07194)	\$ 0.00979	\$ 0.01052
Sept'17	Nov'17	12,915,106	\$ 1,041,374.28	41,815,408	\$ 3,416,494.22	\$ 0.08170	\$ (0.07194)	\$ 0.00976	\$ 0.01049
Oct'17	Dec'17	12,743,776	*\$ 1,064,421.41	39,985,838	\$ 3,288,595.74	\$ 0.08224	\$ (0.07194)	\$ 0.01030	\$ 0.01107
Nov'17	Jan'18	12,424,075	\$ 1,088,533.30	38,082,957	\$ 3,194,328.99	\$ 0.08388	\$ (0.07194)	\$ 0.01194	\$ 0.01284
Dec'17	Feb'18	13,391,143	\$ 1,149,912.68	38,558,994	\$ 3,302,867.39	\$ 0.08566	\$ (0.07194)	\$ 0.01372	\$ 0.01475
Jan'18	Mar'18	13,957,533	\$ 1,336,329.96	39,772,751	\$ 3,574,775.94	\$ 0.08988	\$ (0.07194)	\$ 0.01794	\$ 0.01929
Feb'18	Apr'18	12,213,852	*\$ 914,897.80	39,562,528	\$ 3,401,140.44	\$ 0.08597	\$ (0.07194)	\$ 0.01403	\$ 0.01508
Mar'18	May'18	12,894,285	*\$ 1,115,898.14	39,065,670	\$ 3,367,125.90	\$ 0.08619	\$ (0.07194)	\$ 0.01425	\$ 0.01532
Apr'18	June'18	11,995,837	*\$ 1,154,645.74	37,103,974	\$ 3,185,441.68	\$ 0.08585	\$ (0.07194)	\$ 0.01391	\$ 0.01495

* Total Includes Other (-) Credits / (+) Debits in Purchased Power Costs, Not Listed on AMP Billings:

PSCAF - Preparers Signature:

Name - Lori A. Rausch, Utility Billing Administrator



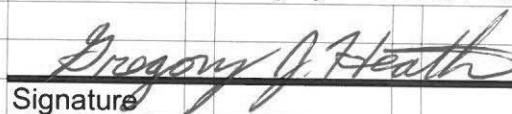
5/22/2018

Signature

Date

PSCAF - Reviewers Signature:

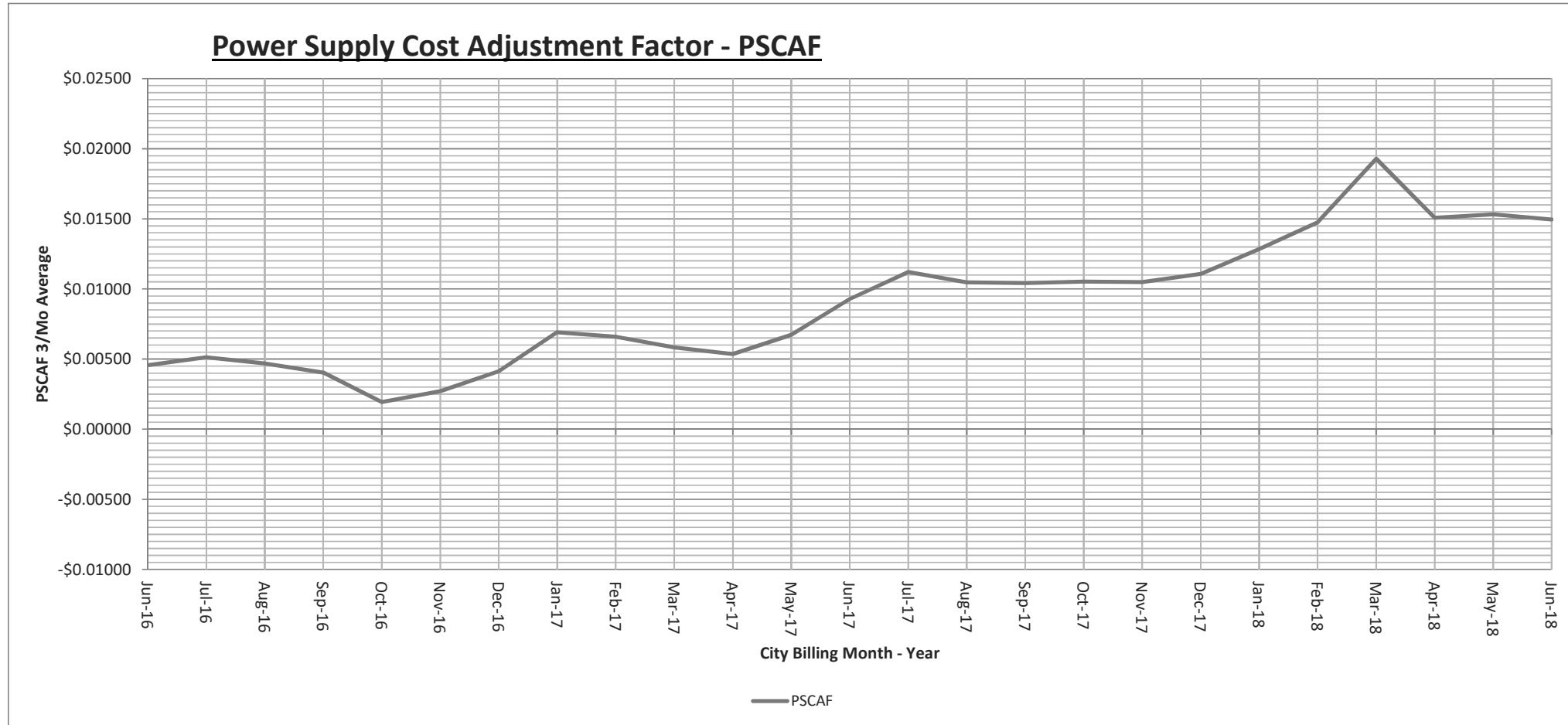
Name - Gregory J. Heath, Finance Director



5/22/2018

Signature

Date



BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - JUNE, 2018									
2018 - JUNE BILLING WITH APRIL 2018 AMP BILLING PERIOD AND MAY 2018 CITY CONSUMPTION AND BILLING DAT/									
PREVIOUS MONTH'S POWER BILLS - PURCHASED POWER KWH AND COST ALLOCATIONS BY DEMAND & ENERGY:									
DATA PERIOD	MONTH / YR	DAYS IN MONTH	MUNICIPAL PEAK						
AMP-Ohio Bill Month	APRIL, 2018	30	21.636						
City-System Data Month	MAY, 2018	31							
City-Monthly Billing Cycle	JUNE, 2018	30							
	=====CONTRACTED AND OPEN MARKET POWER=====					==PEAKING==	=====HYDRO POWER=====		
(PURCHASED POWER-RESOURCES -> (	AMP CT	FREEMONT	PRAIRIE STATE	MORGAN STNLY.	NORTHERN	JV-2	AMP-HYDRO	MELDAHL-HYDRG	GREENUP HYDRG
(SCHED. @ ATSI	ENERGY	SCHEDULED	SCHED. @ PJMC	REPLMNT.2015-20	POWER	PEAKING	CSW	SCHED. @	SCHED. @
			REPLMT@ PJMC	7x24 @ AD	POOL	SCHED. @ ATSI	SCHED. @ PJMC	MELDAHL BUS	GREENUP BUS
Delivered kWh (On Peak) ->	14,230	5,592,995	3,264,214	2,736,000	30,229	13	275,049	56,832	24,770
Delivered kWh (Off Peak) ->					1,709				
Delivered kWh (Replacement/Losses/Offset) ->									
Delivered kWh/Sale (Credits) ->					-2,861,658				
Net Total Delivered kWh as Billed ->	14,230	5,592,995	3,264,214	2,736,000	-2,829,720	13	275,049	56,832	24,770
Percent % of Total Power Purchased->	0.1186%	46.6245%	27.2112%	22.8079%	-23.5892%	0.0001%	2.2929%	0.4738%	0.2065%
COST OF PURCHASED POWER:									
DEMAND CHARGES (+Debits)									
Demand Charges	\$31,620.00	\$33,588.73	\$57,642.82			\$636.24	\$213,447.96	\$17,302.32	\$2,258.33
Debt Services (Principal & Interest)		\$44,287.77	\$100,580.99				\$0.00	\$0.00	\$6,468.58
DEMAND CHARGES (-Credits)									
Transmission Charges (Demand-Credits)	-\$48,665.72					-\$891.76			
Capacity Credit	-\$47,201.21	-\$29,274.83	-\$16,009.57			-\$1,409.74	-\$2,794.11	-\$1,812.03	-\$1,037.76
Sub-Total Demand Charges	-\$64,246.93	\$48,601.67	\$142,214.24	\$0.00	\$0.00	-\$1,665.26	\$210,653.85	\$15,490.29	\$7,689.15
ENERGY CHARGES (+Debits):									
Energy Charges - (On Peak)	\$1,288.56	\$132,895.23	\$20,776.63	\$172,231.20	\$1,380.31	\$0.01	\$8,732.81	\$1,804.41	-\$24.79
Energy Charges - (Replacement/Off Peak)					\$57.99				
Net Congestion, Losses, FTR		\$33,956.98	\$20,641.10	\$964.71			\$1,712.08	\$151.04	\$20.12
Transmission Charges (Energy-Debits)			\$49,236.77						
ESPP Charges									
Bill Adjustments (General & Rate Levelization)		-\$123.21	-\$30,228.26			\$21.21			-\$5,878.17
ENERGY CHARGES (-Credits or Adjustments):									
Energy Charges - On Peak (Sale or Rate Stabilization)					-\$97,003.31				
Net Congestion, Losses, FTR									
Bill Adjustments (General & Rate Levelization)							-\$481.34	-\$99.46	-\$43.35
Sub-Total Energy Charges	\$1,288.56	\$166,729.00	\$60,426.24	\$173,195.91	-\$95,565.01	\$21.22	\$9,963.55	\$1,855.99	-\$5,926.19
TRANSMISSION & SERVICE CHARGES, MISC.:									
RPM / PJM Charges Capacity - (+Debit)									
RPM / PJM Charges Capacity - (-Credit)									
Service Fees AMP-Dispatch Center - (+Debit/-Credit)									
Service Fees AMP-Part A - (+Debit/-Credit)									
Service Fees AMP-Part B - (+Debit/-Credit)									
Other Charges & Bill Adjustments - (+Debit/-Credit)									
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL NET COST OF PURCHASED POWER	-\$62,958.37	\$215,330.67	\$202,640.48	\$173,195.91	-\$95,565.01	-\$1,644.04	\$220,617.40	\$17,346.28	\$1,762.96
Percent % of Total Power Cost->	-5.4526%	18.6491%	17.5501%	14.9999%	-8.2766%	-0.1424%	19.1069%	1.5023%	0.1527%
Purchased Power Resources - Cost per kWh->	-\$4.424341	\$0.038500	\$0.062079	\$0.063303	-\$0.033772	-\$126.464615	\$0.802102	\$0.305220	\$0.071173

BILLING SUMMARY AND CONS									
2018 - JUNE BILLING WITH APRIL 2018 AMP B									
PREVIOUS MONTH'S POWER BILLS - PU									
DATA PERIOD									
AMP-Ohio Bill Month									
City-System Data Month									
City-Monthly Billing Cycle									
===== WIND =====									
===== SOLAR =====									
===== TRANSMISSION, SERVICE FEES & MISC. CONTRACTS =====									
(	NYPA	JV-5	JV-6	AMP SOLAR	EFFNCY.SMART	TRANSMISSION	SERVICE FEES	MISCELLANEOUS	TOTAL -
PURCHASED POWER-RESOURCES -> (	HYDRO	HYDRO	WIND	PHASE 1	POWER PLANT	CHARGES	DISPATCH, A & B	CHARGES &	ALL
(	SCHED. @ NYIS	7x24 @ ATSI	SCHED. @ ATSI	SCHED. @ ATSI	2017 - 2020	Other Charges	Other Charges	LEVELIZATION	RESOURCES
Delivered kWh (On Peak) ->	438,965	2,223,360	51,374	115,255	0	0	0	0	14,823,286
Delivered kWh (Off Peak) ->									1,709
Delivered kWh (Replacement/Losses/Offset) ->		32,500							32,500
Delivered kWh/Sale (Credits) ->									-2,861,658
Net Total Delivered kWh as Billed ->	438,965	2,255,860	51,374	115,255	0	0	0	0	11,995,837
Percent % of Total Power Purchased->	3.6593%	18.8054%	0.4283%	0.9608%	0.0000%	0.0000%	0.0000%	0.0000%	100.0001%
								Verification Total ->	100.0000%
COST OF PURCHASED POWER:									
DEMAND CHARGES (+Debits)									
Demand Charges	\$5,716.73	\$34,667.97	\$1,593.83			\$152,690.75			\$551,165.68
Debt Services (Principal & Interest)		\$55,367.84							\$206,705.18
DEMAND CHARGES (-Credits)									
Transmission Charges (Demand-Credits)		-\$15,882.68	-\$46.75						-\$65,486.91
Capacity Credit	-\$4,310.35	-\$14,428.23	-\$119.33						-\$118,397.16
Sub-Total Demand Charges	\$1,406.38	\$59,724.90	\$1,427.75	\$0.00	\$0.00	\$152,690.75	\$0.00	\$0.00	\$573,986.79
ENERGY CHARGES (+Debits):									
Energy Charges - (On Peak)	\$5,301.74	\$46,127.06		\$10,027.15		\$6,320.46			\$406,860.78
Energy Charges - (Replacement/Off Peak)									\$57.99
Net Congestion, Losses, FTR	\$1,466.67								\$58,912.70
Transmission Charges (Energy-Debits)									\$49,236.77
ESPP Charges					\$18,012.14				\$18,012.14
Bill Adjustments (General & Rate Levelization)									-\$36,208.43
ENERGY CHARGES (-Credits or Adjustments):									
Energy Charges - On Peak (Sale or Rate Stabilization)									-\$97,003.31
Net Congestion, Losses, FTR									\$0.00
Bill Adjustments (General & Rate Levelization)	\$193.66								-\$430.49
Sub-Total Energy Charges	\$6,962.07	\$46,127.06	\$0.00	\$10,027.15	\$18,012.14	\$6,320.46	\$0.00	\$0.00	\$399,438.15
TRANSMISSION & SERVICE CHARGES, MISC.:									
RPM / PJM Charges Capacity - (+Debit)						\$171,303.91			\$171,303.91
RPM / PJM Charges Capacity - (-Credit)									\$0.00
Service Fees AMP-Dispatch Center - (+Debit/-Credit)									\$0.00
Service Fees AMP-Part A - (+Debit/-Credit)							\$2,946.27		\$2,946.27
Service Fees AMP-Part B - (+Debit/-Credit)							\$6,970.62		\$6,970.62
Other Charges & Bill Adjustments - (+Debit/-Credit)								\$0.00	\$0.00
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$171,303.91	\$9,916.89	\$0.00	\$181,220.80
TOTAL NET COST OF PURCHASED POWER	\$8,368.45	\$105,851.96	\$1,427.75	\$10,027.15	\$18,012.14	\$330,315.12	\$9,916.89	\$0.00	\$1,154,645.74
Percent % of Total Power Cost->	0.7248%	9.1675%	0.1237%	0.8684%	1.5600%	28.6075%	0.8589%	0.0000%	100.0002%
								Verification Total ->	\$1,154,645.74
Purchased Power Resources - Cost per kWh->	\$0.019064	\$0.046923	\$0.027791	\$0.087000	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.096254
									(Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWH) = JV2 Electric Service Rate ->
									(Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWH) = JV5 Electric Service Rate ->

**AMERICAN MUNICIPAL POWER, INC.**

1111 Schrock Rd, Suite 100

COLUMBUS, OHIO 43229

PHONE: (614) 540-1111

FAX: (614) 540-1078

INVOICE NUMBER: 202958**INVOICE DATE:** 5/16/2018**DUE DATE:** 5/31/2018**TOTAL AMOUNT DUE:** \$1,016,231.59**CUSTOMER NUMBER:** 5020**CUSTOMER P.O. #:** RG10046PLEASE WRITE INVOICE NUMBER ON
REMITTANCE. MAKE CHECK PAYABLE TO AMP**City of Napoleon**Gregory J. Heath, Finance Director
255 W. Riverview Ave., P.O. Box 151
Napoleon, Ohio 43545-0151

Northern Power Pool Billing - April, 2018MUNICIPAL PEAK: 21,636 kW
TOTAL METERED ENERGY: 12,018,315 kWh

Total Power Charges:	\$675,999.58
Transmission / Capacity / Ancillary Services:	\$330,315.12
Total Other Charges:	\$9,916.89
Total Miscellaneous Charges:	\$0.00

GRAND TOTAL POWER INVOICE:	\$1,016,231.59
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DETAIL INFORMATION OF POWER CHARGES April , 2018
Napoleon

FOR THE MONTH OF:	April, 2018	Total Metered Load kWh:	12,018,315
		Transmission Losses kWh:	-22,478
		Distribution Losses kWh:	0
		Total Energy Req. kWh:	11,995,837
TIME OF FENTS PEAK:	04/17/2018 @ H.E. 10:00	COINCIDENT PEAK kW:	21,276
TIME OF MUNICIPAL PEAK:	04/04/2018 @ H.E. 12:00	MUNICIPAL PEAK kW:	21,636
TRANSMISSION PEAK:	July 19, 2017 18:00	TRANSMISSION PEAK kW:	29,687
		PJM Capacity Requirement kW:	30,922

Napoleon Resources

AMP CT - Sched @ ATSI

Demand Charge:	\$2.550000	/ kW *	12,400 kW =	\$31,620.00
Energy Charge:	\$0.090550	/ kWh *	14,230 kWh =	\$1,288.56
Transmission Credit:	\$3.924655	/ kW *	-12,400 kW =	-\$48,665.72
Capacity Credit:	\$3.806549	/ kW *	-12,400 kW =	-\$47,201.21
Subtotal			14,230 kWh =	-\$62,958.37

Fremont - sched @ Fremont

Demand Charge:	\$3.831268	/ kW *	8,767 kW =	\$33,588.73
Energy Charge:	\$0.023761	/ kWh *	5,592,995 kWh =	\$132,895.23
Net Congestion, Losses, FTR:	\$0.006071	/ kWh *		\$33,956.98
Capacity Credit:	\$3.339207	/ kW *	-8,767 kW =	-\$29,274.83
Debt Service	\$5.051645	/ kW	8,767 kW	\$44,287.77
Adjustment for prior month:				-\$123.21
Subtotal			5,592,995 kWh =	\$215,330.67

AMP Hydro CSW - Sched @ PJMC

Demand Charge:	\$61.020000	/ kW *	3,498 kW =	\$213,447.96
Energy Charge:	\$0.031750	/ kWh *	275,049 kWh =	\$8,732.81
Net Congestion, Losses, FTR:	\$0.006225	/ kWh *		\$1,712.08
Capacity Credit:	\$0.798774	/ kW *	-3,498 kW =	-\$2,794.11
Debt Service			3,498 kW	\$0.00
REC Credit (Estimate)				-\$481.34
Subtotal			275,049 kWh =	\$220,617.40

Meldahl Hydro - Sched @ Meldahl Bus

Demand Charge:	\$34.330000	/ kW *	504 kW =	\$17,302.32
Energy Charge:	\$0.031750	/ kWh *	56,832 kWh =	\$1,804.41
Net Congestion, Losses, FTR:	\$0.002658	/ kWh *		\$151.04
Capacity Credit:	\$3.595298	/ kW *	-504 kW =	-\$1,812.03
Debt Service			504 kW	\$0.00
REC Credit (Estimate)				-\$99.46
Subtotal			56,832 kWh =	\$17,346.28

JV6 - Sched @ ATSI

Demand Charge:			300 kW	
Energy Charge:			51,374 kWh	
Transmission Credit:	\$0.155833	/ kW *	-300 kW =	-\$46.75
Capacity Credit:	\$0.397767	/ kW *	-300 kW =	-\$119.33
Subtotal			51,374 kWh =	-\$166.08

Greenup Hydro - Sched @ Greenup Bus

Demand Charge:	\$6.843424	/ kW *	330 kW =	\$2,258.33
Energy Charge:	-\$0.001001	/ kWh *	24,770 kWh =	-\$24.79
Net Congestion, Losses, FTR:	\$0.000812	/ kWh *		\$20.12
Capacity Credit:	\$3.144727	/ kW *	-330 kW =	-\$1,037.76
Debt Service	\$19.601758	/ kW	330 kW	\$6,468.58
Board Approved Rate Levelization				-\$5,878.17
REC Credit (Estimate)				-\$43.35
Subtotal			24,770 kWh =	\$1,762.96

Prairie State - Sched @ PJMC

Demand Charge:	\$11.584168	/ kW *	4,976 kW =	\$57,642.82
Energy Charge:	\$0.006365	/ kWh *	3,264,214 kWh =	\$20,776.63
Net Congestion, Losses, FTR:	\$0.006323	/ kWh *		\$20,641.10
Capacity Credit:	\$3.217357	/ kW *	-4,976 kW =	-\$16,009.57
Debt Service	\$20.213221	/ kW	4,976 kW	\$100,580.99
Transmission from PSEC to PJM/MISO, including non-Prairie State variable charges/credits	\$0.015084	/ kWh	3,264,214 kWh	\$49,236.77
Board Approved Rate Levelization				-\$30,228.26
Subtotal			3,264,214 kWh =	\$202,640.48

NYPA - Sched @ NYIS

Demand Charge:	\$6.094595	/ kW *	938 kW =	\$5,716.73
Energy Charge:	\$0.012078	/ kWh *	438,965 kWh =	\$5,301.74
Net Congestion, Losses, FTR:	\$0.003341	/ kWh *		\$1,466.67
Capacity Credit:	\$4.610000	/ kW *	-935 kW =	-\$4,310.35
Adjustment for prior month:				\$193.66
Subtotal			438,965 kWh =	\$8,368.45

JV5 - 7X24 @ ATSI

Demand Charge:			3,088 kW	
Energy Charge:			2,223,360 kWh	
Transmission Credit:	\$5.143355	/ kW *	-3,088 kW =	-\$15,882.68
Capacity Credit:	\$4.672354	/ kW *	-3,088 kW =	-\$14,428.23
Subtotal			2,223,360 kWh =	-\$30,310.91

JV5 Losses - Sched @ ATSI

Energy Charge:			32,500 kWh	
Subtotal			32,500 kWh =	\$0.00

DETAIL INFORMATION OF POWER CHARGES April , 2018
Napoleon

JV2 - Sched @ ATSI				
Demand Charge:			264 kW	
Energy Charge:	\$0.000786	/ kWh *	13 kWh =	\$0.01
Transmission Credit:	\$3.377879	/ kW *	-264 kW =	-\$891.76
Capacity Credit:	\$5.339924	/ kW *	-264 kW =	-\$1,409.74
Subtotal			13 kWh =	-\$2,301.49
AMP Solar Phase I - Sched @ ATSI				
Demand Charge:			1,040 kW	
Energy Charge:	\$0.087000	/ kWh *	115,255 kWh =	\$10,027.15
Subtotal			115,255 kWh =	\$10,027.15
Morgan Stanley 2015-2020 - 7x24 @ AD				
Demand Charge:			3,800 kW	
Energy Charge:	\$0.062950	/ kWh *	2,736,000 kWh =	\$172,231.20
Net Congestion, Losses, FTR:	\$0.000353	/ kWh *		\$964.71
Subtotal			2,736,000 kWh =	\$173,195.91
Efficiency Smart Power Plant 2017-2020				
ESPP 2017-2020 obligation @ \$1.400 /MWh x 154,389.7 MWh / 12				\$18,012.14
Subtotal			0 kWh =	\$18,012.14
Northern Power Pool:				
On Peak Energy Charge: (M-F HE 08-23 EDT)	\$0.045662	/ kWh *	30,229 kWh =	\$1,380.31
Off Peak Energy Charge:	\$0.033933	/ kWh *	1,709 kWh =	\$57.99
Sale of Excess Non-Pool Resources to Pool	\$0.033898	/ kWh *	-2,861,657 kWh =	-\$97,003.31
Subtotal	\$0.033772	/ kWh *	-2,829,719 kWh =	-\$95,565.01
Total Demand Charges:				\$329,030.16
Total Energy Charges:				\$346,969.42
Total Power Charges:			11,995,837 kWh	\$675,999.58
TRANSMISSION / CAPACITY / ANCILLARY SERVICES:				
Demand Charge:	\$5.143354	/ kW *	29,687 kW =	\$152,690.75
Energy Charge:	\$0.000647	/ kWh *	9,772,477 kWh =	\$6,320.46
RPM (Capacity) Charges:	\$5.539800	/ kW *	30,922 kW =	\$171,303.91
TRANSMISSION / CAPACITY / ANCILLARY SERVICES:	\$0.033801	/ kWh *	9,772,477 kWh =	\$330,315.12
Service Fee Part A,				
Based on Annual Municipal Sales	\$0.000229	/ kWh *	154,389,743 kWh 1/12 =	\$2,946.27
Service Fee Part B,				
Energy Purchases	\$0.000580	/kWh *	12,018,315 kWh =	\$6,970.62
TOTAL OTHER CHARGES:				\$9,916.89
GRAND TOTAL POWER INVOICE:				\$1,016,231.59



TO: AMP Hydro Phase I and Meldahl Project Participants

FROM: Tom Sillasen
Senior Director of Energy Accounting and Reporting

RE: Hydro Project Invoicing for April Power

DATE: May 13, 2018

Per the action of the AMP Board of Trustees, as recommended by the Hydro Phase I and Meldahl Participants during a joint meeting held on Tuesday, May 8, 2018, the Hydro Phase I and Meldahl Project rates have been revised to a demand and energy rate structure in lieu of the previous fixed levelized \$/MWh rate. The enclosed April power invoice reflects these changes.

In addition, the following revisions have been made to the invoice format:

- The \$/kWh has been removed from the Subtotal line item, as the number is skewed due to transmission and capacity credit line items and does not properly represent the energy charge of the resources.
- The previous "Total Transmission Charges" line item title has been changed to "Transmission/Capacity/Ancillary Services" to better describe what is included in this category.

If you have any questions or comments on this matter, feel free to contact Pam Sullivan (psullivan@amppartners.org) or Mike Migliore (mmigliore@amppartners.org).

Thank you,
Tom

Tom Sillasen
Senior Director of Energy Accounting and Reporting
Phone: 614-540-0948
tsillasen@amppartners.org

cc: Pamala Sullivan, Executive VP of Power Supply & Generation
Mike Migliore, VP of Power Supply Planning & Marketing

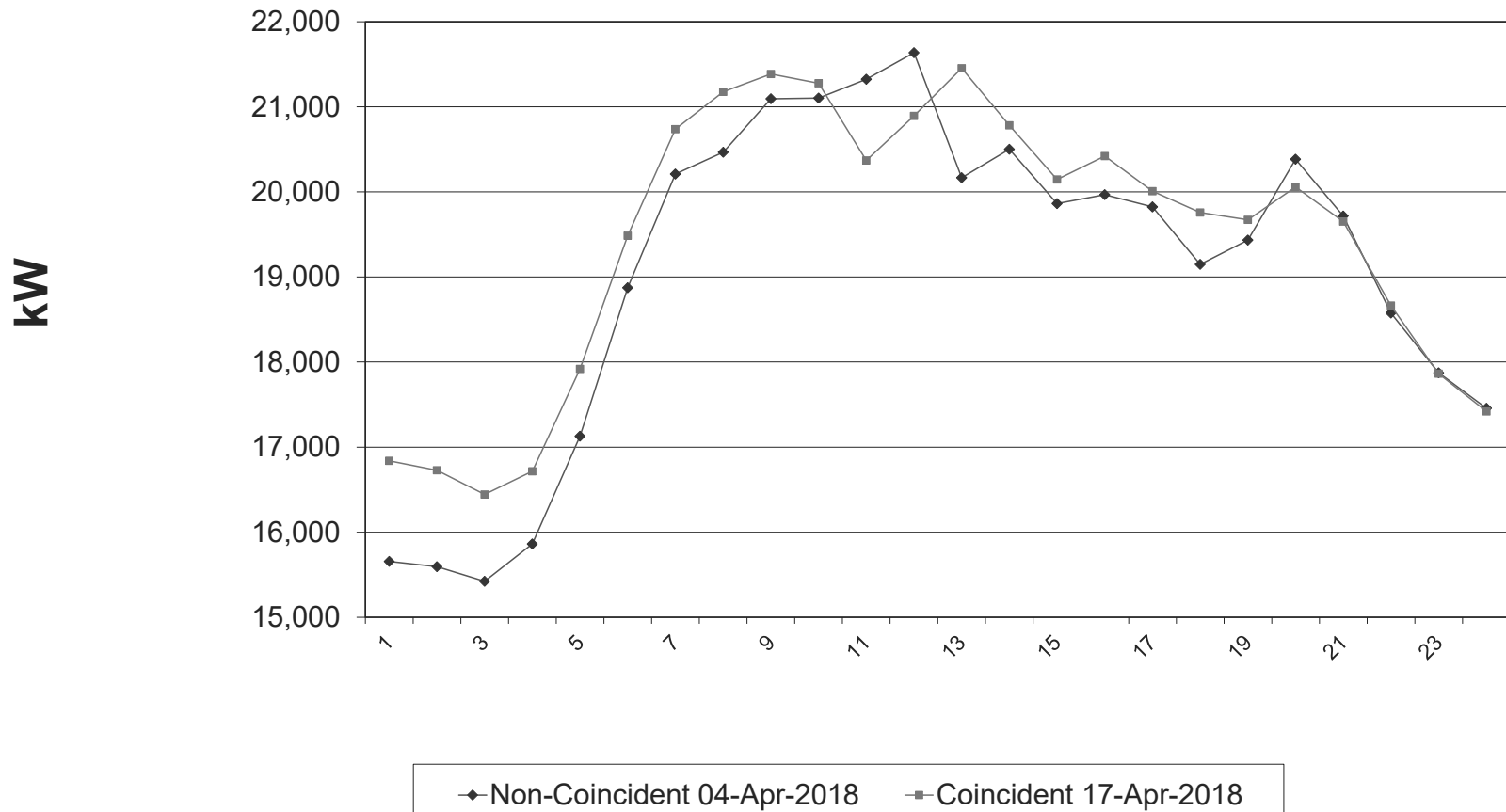
Napoleon Capacity Plan - Actual															
Apr Days	2018 30	ACTUAL DEMAND =			21.64	MW									
		ACTUAL ENERGY =			12,018	MWH									
	SOURCE (1)	DEMAND MW (2)	DEMAND MW-MO (3)	ENERGY MWH (4)	LOAD FACTOR (5)	DEMAND RATE \$/KW (6)	ENERGY RATE \$/MWH (7)	CONGESTION/L OSSES \$/MWH (8)	CAPACITY CREDIT RATE \$/KW (9)	TRANSMISSION CREDIT RATE \$/KW (10)	TOTAL CHARGES (16)	EFFECTIVE RATE \$/MWH (17)	% OF DOLLARS (18)		
1	NYPA - Ohio	0.94	0.94	439	65%	\$6.09	\$12.52	\$3.34	-\$4.60		\$8,368	\$19.06	0.7%		
2	JV5	3.09	3.09	2,223	100%	\$29.16	\$20.75		-\$4.67	-\$5.14	\$105,852	\$47.61	9.2%		
3	JV5 Losses	0.00	0.00	32	0%						\$0		0.0%		
4	JV6	0.30	0.30	51	24%	\$5.31			-\$0.16	-\$0.40	\$1,428	\$27.79	0.1%		
5	AMP-Hydro	3.50	3.50	275	11%	\$61.02	\$30.00	\$6.22	-\$0.80		\$220,617	\$802.10	19.2%		
6	Meldahl	0.50	0.50	57	16%	\$34.33	\$30.00	\$2.66	-\$3.60		\$17,346	\$305.22	1.5%		
7	Greenup	0.33	0.33	25	10%	\$8.63	-\$2.75	\$0.81	-\$3.14		\$1,763	\$71.17	0.2%		
8	AFEC	8.77	8.77	5,593	89%	\$8.88	\$23.74	\$6.07	-\$3.34		\$215,331	\$38.50	18.7%		
9	Prairie State	4.98	4.98	3,264	91%	\$25.72	\$21.45	\$6.32	-\$3.22		\$202,640	\$62.08	17.6%		
10	AMP Solar Phase I	1.04	1.04	115	15%		\$87.00				\$10,027	\$87.00	0.9%		
11	Morgan Stanley 2015-2020 7x24	3.80	3.80	2,736	100%		\$62.95	\$0.35			\$173,196	\$63.30	15.0%		
12	AMPCT	12.40	12.40	14	0%	\$2.55	\$90.55		-\$3.81	-\$3.92	-\$62,958	-\$4,424.22	-5.5%		
13	JV2	0.26	0.26	0	0%	\$2.49	\$0.79		-\$5.34	-\$3.38	-\$1,644		-0.1%		
14	NPP Pool Purchases	0.00	0.00	32	0%		\$45.03				\$1,438	\$45.03	0.1%		
15	NPP Pool Sales	0.00		-2,862	0%		\$33.90				-\$97,003	\$33.90	-8.4%		
POWER TOTAL		39.91	39.91	11,996	42%	\$569,095	\$352,278	\$4.91	-\$118,325	-\$65,559	\$796,402	\$66.39	69.2%		
16	Energy Efficiency			0							\$18,012		1.6%		
17	Installed Capacity	30.92	30.92			\$5.54					\$171,304	\$14.25	14.9%		
18	Transmission	29.69	29.69	9,772		\$5.14	\$0.65				\$159,011	\$13.23	13.8%		
19	Service Fee B			12,018			\$0.58				\$6,971	\$0.58	0.6%		
20	Dispatch Charge			12,018							\$0		0.0%		
OTHER TOTAL						\$323,995	\$31,303				\$355,298	\$29.56	30.8%		
GRAND TOTAL PURCHASED				11,996							\$1,151,699				
Delivered to members		21.636	21.636	12,018	77%						\$1,151,699	\$95.83	100.0%		
		DEMAND		ENERGY	L.F.						TOTAL \$	\$/MWh	Avg Temp		
2018 Forecast		20.77		11,837	79%						\$1,116,920	\$94.36	49.4		
2017 Actual		20.87		11,509	77%						\$980,116	\$85.16	54.0		
2016 Actual		21.40		12,194	79%						\$1,040,060	\$85.29	46.7		
											Actual Temp		43.1		

NAPOLEON

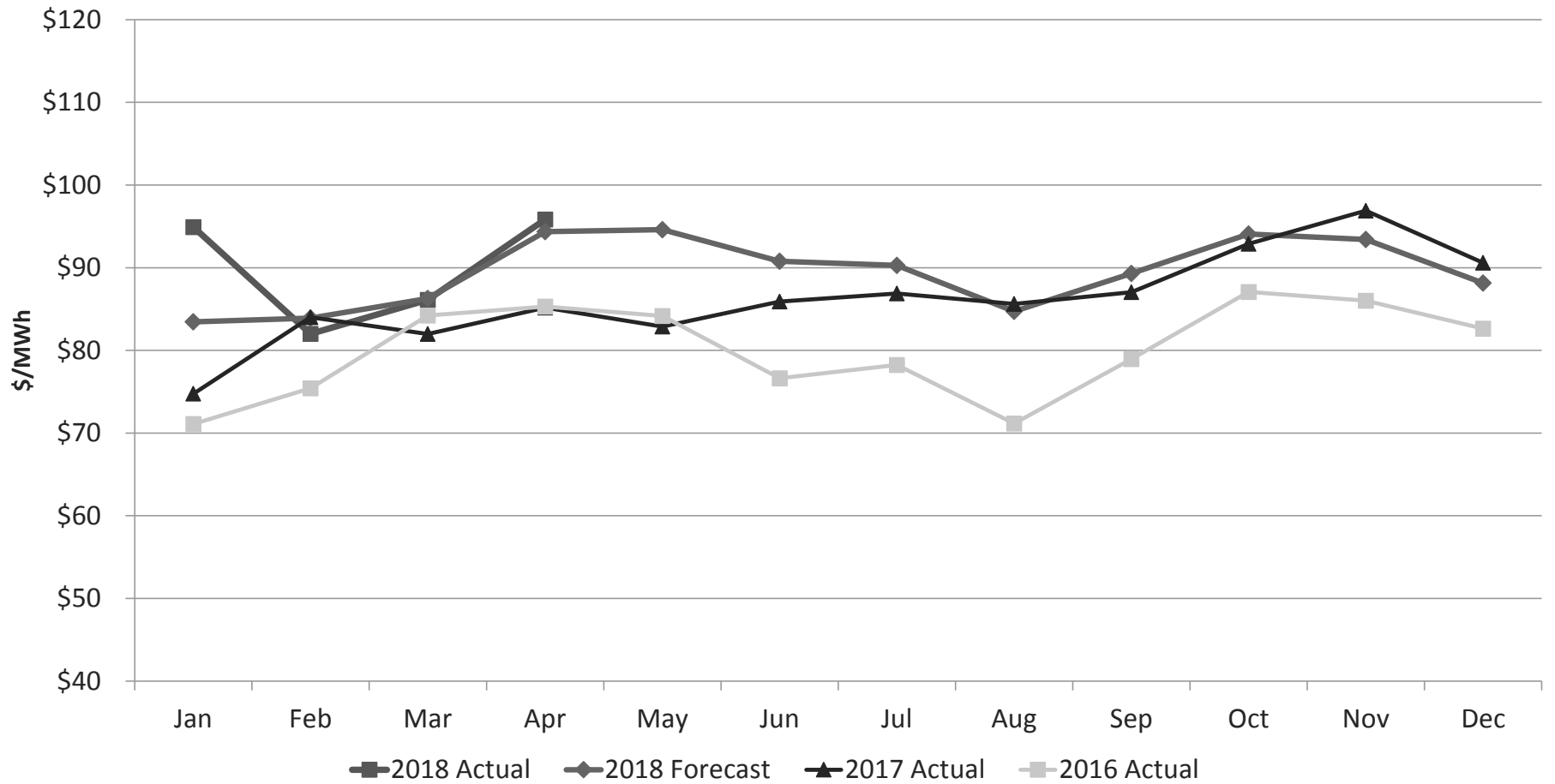
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Date	4/1/2018	4/2/2018	4/3/2018	4/4/2018	4/5/2018	4/6/2018	4/7/2018	4/8/2018	4/9/2018	4/10/2018	4/11/2018	4/12/2018	4/13/2018	4/14/2018	4/15/2018
Hour															
100	12,082	14,911	15,577	15,656	16,819	16,372	14,430	13,539	15,275	16,099	16,402	15,054	14,418	11,410	12,478
200	11,772	15,052	15,521	15,596	16,841	16,158	14,356	13,355	15,200	15,992	16,253	15,023	14,290	11,203	12,378
300	11,733	14,977	15,635	15,423	16,540	15,777	14,098	13,273	15,379	15,956	15,991	14,711	13,970	11,037	12,452
400	11,917	15,512	15,805	15,863	16,598	16,378	14,388	13,588	15,805	16,707	16,547	15,121	14,362	11,110	12,294
500	12,282	17,035	16,744	17,128	17,769	17,179	15,019	13,933	16,990	17,946	17,407	16,112	15,399	11,620	12,574
600	12,706	18,406	18,285	18,873	19,401	18,728	15,753	14,194	18,791	19,299	18,869	17,691	16,955	12,690	13,144
700	13,172	19,398	19,798	20,210	20,706	19,698	16,653	14,466	20,196	20,571	19,975	19,213	18,087	13,615	13,683
800	13,707	20,120	19,783	20,466	20,490	20,096	17,361	14,867	20,391	21,069	20,554	19,736	18,330	14,552	14,086
900	13,700	20,300	20,041	21,094	20,470	20,570	17,553	15,066	20,552	20,852	21,141	20,051	18,463	15,210	14,649
1000	13,741	20,097	20,191	21,102	20,314	20,418	17,297	14,875	20,932	20,460	21,559	19,731	18,389	15,630	15,175
1100	13,962	19,765	20,207	21,325	20,449	20,078	16,706	14,739	20,565	20,086	21,173	19,366	18,128	15,670	15,414
1200	13,269	19,221	20,233	21,636	19,920	19,805	16,059	14,889	19,859	19,357	20,501	19,399	17,885	15,299	15,427
1300	12,736	19,438	19,995	20,166	19,497	20,295	15,910	14,556	20,248	19,873	19,978	18,888	18,379	15,008	15,281
1400	12,375	18,767	20,026	20,501	19,315	19,631	14,279	14,388	19,224	19,538	19,276	18,748	18,149	14,656	15,177
1500	11,759	17,968	19,570	19,862	18,614	18,630	14,532	14,292	18,741	18,676	18,452	17,742	17,359	14,731	14,733
1600	12,313	17,075	19,020	19,967	18,205	19,310	13,846	13,946	18,761	19,015	17,853	17,356	16,836	14,908	14,743
1700	12,830	16,718	18,946	19,824	18,050	18,003	14,189	13,877	18,046	18,842	17,798	17,024	16,499	14,737	15,386
1800	13,146	17,088	18,700	19,149	18,095	18,600	14,086	14,698	18,218	18,620	17,732	16,905	16,185	14,517	15,227
1900	14,609	17,494	18,430	19,433	18,459	18,459	13,956	15,054	18,285	18,547	17,828	16,914	16,067	14,655	15,097
2000	15,869	18,180	18,421	20,384	19,231	19,080	14,969	16,144	19,045	19,703	18,619	17,868	16,528	15,145	15,922
2100	15,450	17,822	17,851	19,716	18,835	18,705	15,123	15,956	18,797	19,230	18,265	17,673	16,277	15,028	15,517
2200	15,025	17,100	16,908	18,575	17,903	17,399	14,937	15,202	17,939	18,126	17,143	16,704	14,937	14,284	14,840
2300	14,962	16,457	16,321	17,873	17,251	15,875	14,222	15,272	17,219	17,289	16,260	15,618	12,984	13,521	14,680
2400	15,261	16,079	16,037	17,457	16,778	14,929	13,657	15,356	16,891	16,985	15,678	15,019	11,812	12,882	14,941
Total	320,378	424,980	438,045	457,279	446,550	440,173	363,379	349,525	441,349	448,838	441,254	417,667	390,688	333,118	345,298

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday
Date	4/16/2018	4/17/2018	4/18/2018	4/19/2018	4/20/2018	4/21/2018	4/22/2018	4/23/2018	4/24/2018	4/25/2018	4/26/2018	4/27/2018	4/28/2018	4/29/2018	4/30/2018	5/1/2018
Hour																
100	14,568	16,840	16,793	16,431	16,504	13,185	11,416	14,595	14,311	14,703	14,669	14,380	12,045	11,830	14,103	-
200	14,797	16,728	16,652	16,447	16,283	13,049	11,232	14,588	14,154	14,686	14,790	14,377	11,781	11,734	14,248	-
300	14,790	16,444	16,593	16,207	16,011	12,914	11,337	14,555	13,947	14,364	14,548	14,306	11,756	11,725	14,320	-
400	15,339	16,716	17,025	16,692	16,370	13,245	11,457	14,906	14,456	14,768	14,893	14,623	11,938	11,936	14,676	-
500	16,750	17,919	18,075	17,545	17,427	13,822	11,725	16,346	15,503	15,780	16,069	15,524	12,444	12,197	16,013	-
600	18,246	19,484	19,572	18,999	18,835	14,402	12,074	17,739	17,037	17,406	17,587	17,209	13,238	12,420	17,202	-
700	19,869	20,738	20,964	20,104	20,021	15,288	12,532	18,741	18,354	18,432	18,606	18,268	14,331	12,725	18,449	-
800	20,369	21,177	21,082	20,324	20,455	15,910	13,201	19,118	18,802	18,599	19,190	18,850	15,146	13,323	19,045	-
900	20,524	21,385	20,941	20,566	20,402	16,299	13,810	19,186	19,155	18,978	19,177	18,596	15,504	13,575	19,024	-
1000	21,066	21,276	20,947	20,447	20,269	16,054	13,564	19,894	19,082	18,285	18,623	19,030	15,662	13,539	18,815	-
1100	21,032	20,369	20,092	20,014	20,078	15,606	13,535	18,705	19,055	18,889	18,560	18,317	15,578	13,650	18,429	-
1200	21,120	20,894	20,474	19,889	19,459	15,278	13,351	18,862	19,352	18,648	18,536	18,418	15,299	13,422	17,744	-
1300	21,030	21,454	19,526	19,834	19,203	15,098	13,152	18,549	19,156	18,902	18,212	18,148	15,290	13,310	17,728	-
1400	20,728	20,783	19,053	19,123	18,594	13,315	12,919	18,159	18,761	18,231	17,986	17,655	14,406	12,885	17,565	-
1500	19,861	20,147	18,715	18,377	17,794	13,628	12,939	17,523	18,186	18,102	17,240	17,015	13,595	12,563	16,872	-
1600	20,500	20,422	19,123	18,497	17,165	12,692	13,123	17,613	18,009	17,086	17,018	16,335	13,084	12,500	16,784	-
1700	19,669	20,008	19,115	18,317	16,600	12,694	13,089	17,404	17,854	16,601	16,600	15,957	12,882	12,664	16,181	-
1800	19,501	19,759	19,330	17,955	16,044	12,799	13,287	17,400	17,768	16,859	16,128	15,639	13,094	12,965	16,217	-
1900	19,290	19,671	18,695	17,951	16,323	12,953	14,243	17,254	17,663	16,582	16,346	15,528	12,957	13,112	16,400	-
2000	19,869	20,057	19,573	18,807	16,843	13,932	14,698	17,782	18,081	17,151	16,946	16,166	13,522	14,143	17,269	-
2100	19,120	19,652	19,457	18,941	17,294	13,995	15,157	17,493	18,102	17,511	17,217	16,539	13,963	14,885	17,493	-
2200	18,258	18,663	18,130	17,970	16,019	13,248	14,586	16,348	16,782	16,423	16,082	15,197	13,433	14,072	16,438	-
2300	17,593	17,864	17,279	17,307	14,613	12,317	14,672	15,461	15,939	15,714	15,197	13,403	12,822	13,947	15,556	-
2400	17,222	17,421	16,830	16,770	13,694	11,715	14,618	14,955	15,399	15,290	14,866	12,506	12,250	13,970	14,978	-
Total	451,111	448,450	454,036	443,514	422,300	333,438	315,717	413,176	414,908	407,990	405,086 Maximum	391,986 21,636	326,020 Minimum	313,092 11,037	401,549 Grand Total	- 12,018,315

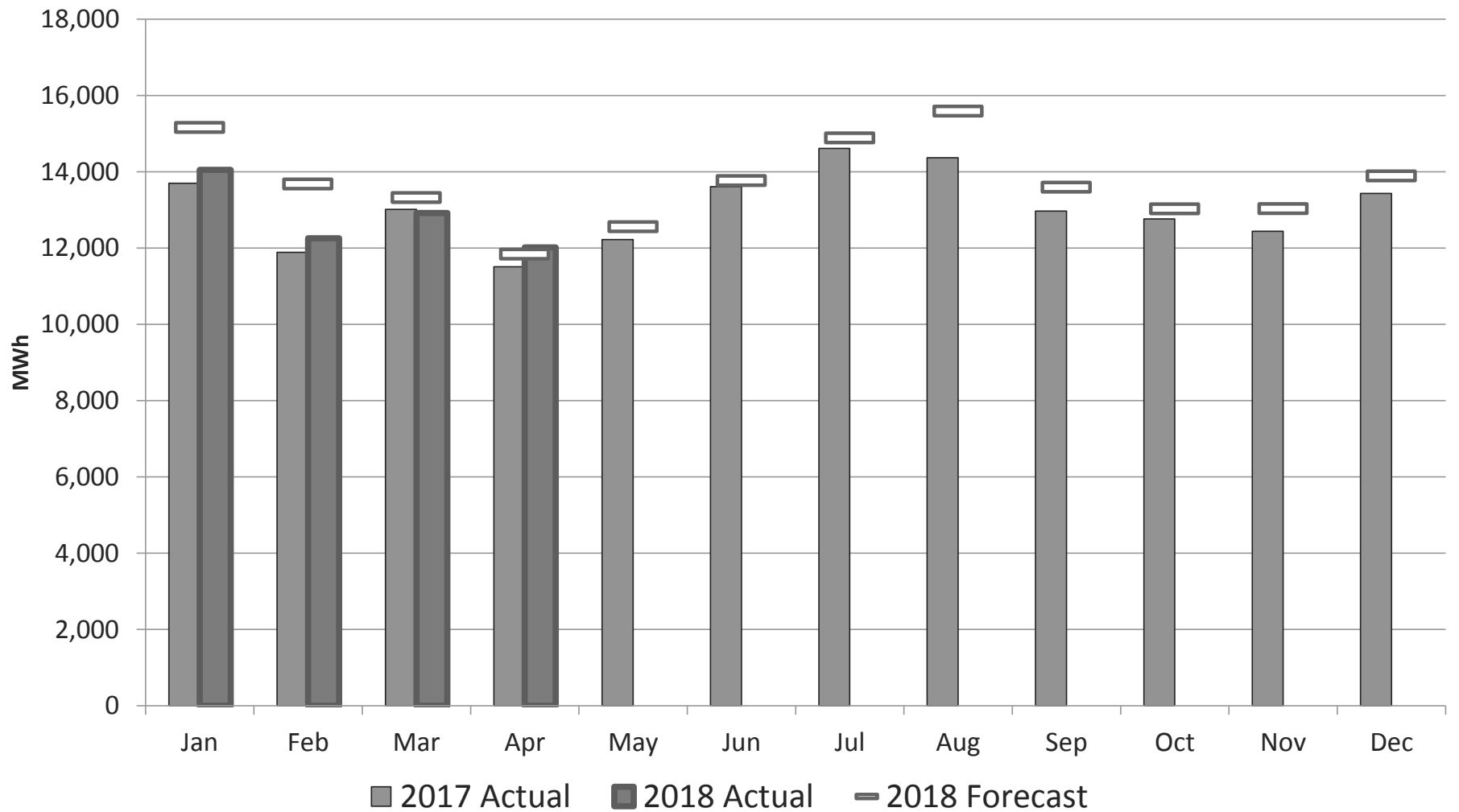
Napoleon Peak Day Load Curve



Napoleon 2018 Monthly Rates



Napoleon 2018 Monthly Energy Usage





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: 202790

INVOICE DATE: 5/2/2018

DUE DATE: 5/14/2018

TOTAL AMOUNT DUE: \$657.45

CUSTOMER NUMBER: 5020

CUSTOMER P.O. #:

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

OMEGA JV2 POWER INVOICE -

April, 2018

FIXED RATE CHARGE:	264 kW *	\$2.41 / kW =	\$636.24
ENERGY CHARGE:	0 kWh *	\$0.000000 / kWh =	\$0.00
SERVICE FEES:	0 kWh *	\$0.000000 / kWh =	\$0.00
Fuel Costs that were not recovered through Energy Sales to Market		=	\$21.21

TOTAL CHARGES

\$657.45

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



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: 202854
INVOICE DATE: 5/1/2018
DUE DATE: 5/11/2018
TOTAL AMOUNT DUE: \$80,795.03
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: **April, 2018**

DEMAND CHARGES:

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

Base Operating Expense Demand Charge:	\$11.226671	/ kW *	3,088 kW =	\$34,667.97
Seca Associated with JV5.	\$0.000000	/ kW *	3,088 kW =	\$0.00

TOTAL DEMAND CHARGES:	\$11.226674	/ kW *	3,088 kW =	\$34,667.97
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ENERGY CHARGES:

JV5 Repl. Pwr. & Variable (Budgeted Rate):	\$0.020747	/ kWh *	2,223,360 kWh =	\$46,127.06
JV5 Fuel Cost (Actual Expense):	\$0.000000	/ kWh *	2,223,360 kWh =	\$0.00

TOTAL ENERGY CHARGES:	\$0.020747	/ kWh *	2,223,360 kWh =	\$46,127.06
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SUB-TOTAL				\$80,795.03
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Total OMEGA JV5 Invoice:				\$80,795.03
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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: 202896
INVOICE DATE: 5/1/2018
DUE DATE: 5/11/2018
TOTAL AMOUNT DUE: \$55,367.84
CUSTOMER NUMBER: 5020
CUSTOMER P.O. NUMBER: BL980397
MAKE CHECKS PAYABLE TO: OMEGA JV5

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

Debt Service - OMEGA JV5

FOR THE MONTH/YEAR OF: **May, 2018**

Financing CHARGES:

Debt Service	\$17.930000	/ kW *	3,088 kW =	\$55,367.84
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Total OMEGA JV5 Financing Invoice:

\$55,367.84

**AMERICAN MUNICIPAL POWER, INC.**

1111 Schrock Rd, Suite 100

COLUMBUS, OHIO 43229

PHONE: (614) 540-1111

FAX: (614) 540-1078

INVOICE NUMBER: 202914

INVOICE DATE: 5/1/2018

DUE DATE: 5/11/2018

TOTAL AMOUNT DUE: \$1,593.83

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 2017

Electric Fixed

300 kW * 5.313 per kW-Month

Total

AMOUNT DUE FOR : May, 2018 - Electric Fixed \$1,593.83

TOTAL CHARGES**\$1,593.83**

2018 JUNE BILLING - ELECTRIC PSCAF - RATE REVIEW COMPARISONS TO PRIOR PERIODS											
Rate Comparisons to Prior Month and Prior Year for Same Period											
	Service Usage	Service Units	Current June 2018 Rate	Prior Month May 2018 Rate	Prior Year June 2017 Rate		Service Usage	Service Units	Current June 2018 Rate	Prior Month May 2018 Rate	Prior Year June 2017 Rate
Customer Type	Usage	Units	2018 Rate	2018 Rate	2017 Rate		Usage	Units	2018 Rate	2018 Rate	2017 Rate
Customer Type ->	RESIDENTIAL USER - (w/Gas Heat)						RESIDENTIAL USER - (All Electric)				
Customer Charge			\$6.00	\$6.00	\$6.00				\$6.00	\$6.00	\$6.00
Distribution Energy Charge			\$20.93	\$20.93	\$20.93				\$33.39	\$33.39	\$33.39
Distribution Demand Charge											
Power Supply Energy Charge	978	kWh	\$71.20	\$71.20	\$71.20		1,976	kWh	\$143.85	\$143.85	\$143.85
Power Supply Demand Charge											
PSCAF - Monthly Factor	978	kWh	\$14.62	\$14.57	\$9.09		1,976	kWh	\$29.54	\$29.44	\$18.36
kWH Tax- Level 1	978	kWh	\$4.55	\$4.55	\$4.55		1,976	kWh	\$9.19	\$9.19	\$9.19
kWH Tax- Level 2											
kWH Tax- Level 3											
Total Electric			\$117.30	\$117.25	\$111.77				\$221.97	\$221.87	\$210.79
Water	6	CCF	\$50.55	\$50.55	\$46.23		11	CCF	\$83.14	\$83.14	\$75.25
Sewer (w/Stm.Sew. & Lat.)	6	CCF	\$70.89	\$70.89	\$70.89		11	CCF	\$98.89	\$98.89	\$98.89
Storm Water (Rate/ERU)			\$9.50	\$9.50	\$9.50				\$9.50	\$9.50	\$9.50
Refuse (Rate/Service)			\$18.00	\$18.00	\$18.00				\$18.00	\$18.00	\$18.00
Sub-Other Services			\$148.94	\$148.94	\$144.62				\$209.53	\$209.53	\$201.64
Total Billing - All Services			\$266.24	\$266.19	\$256.39				\$431.50	\$431.40	\$412.43
Verification Totals->			\$266.24	\$266.19	\$256.39				\$431.50	\$431.40	\$412.43
				Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr					Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr
Dollar Chg.to Prior Periods				\$0.05	\$9.85					\$0.10	\$19.07
% Inc/Dec(-) to Prior Periods				0.02%	3.84%					0.02%	4.62%
=====	=====	=====	=====	=====	=====		=====	=====	=====	=====	=====
Cost/kWH - Electric	978	kWh	\$0.11994	\$0.11989	\$0.11428		1,976	kWh	\$0.11233	\$0.11228	\$0.10668
% Inc/Dec(-) to Prior Periods				0.04%	4.95%					0.04%	5.30%
Cost/CCF - Water	6	CCF	\$8.42500	\$8.42500	\$7.70500		11	CCF	\$7.55818	\$7.55818	\$6.84091
Cost/GALLONS - Water	4,488	GAL	\$0.01126	\$0.01126	\$0.01030		8,229	GAL	\$0.01010	\$0.01010	\$0.00914
% Inc/Dec(-) to Prior Periods				0.00%	9.34%					0.00%	10.49%
Cost/CCF - Sewer	6	CCF	\$11.81500	\$11.81500	\$11.81500		11	CCF	\$8.99000	\$8.99000	\$8.99000
Cost/GALLON - Sewer	4,488	GAL	\$0.01580	\$0.01580	\$0.01580		8,229	GAL	\$0.01202	\$0.01202	\$0.01202
% Inc/Dec(-) to Prior Periods				0.00%	0.00%					0.00%	0.00%
(Listed Accounts Assume SAME USAGE for kWH and Water (CCF) for All Billing Periods)											
(One "1" Unit CCF of Water = "Hundred Cubic Foot" = 748.05 Gallons)											

2018 JUNE BILLING - ELECTRIC			RATE REVIEW COMPARISONS - Current to Prior Month and Prior Year								
Rate Comparisons to Prior Month and Prior Year											
			Current	Prior Month	Prior Year			Current	Prior Month	Prior Year	
	Service	Service	June	May	June		Service	Service	June	May	June
Customer Type	Usage	Units	2018 Rate	2018 Rate	2017 Rate		Usage	Units	2018 Rate	2018 Rate	2017 Rate
Customer Type ->	COMMERCIAL USER - (3 Phase w/Demand)						INDUSTRIAL USER - (3 Phase w/Demand)				
Customer Charge			\$18.00	\$18.00	\$18.00				\$100.00	\$100.00	\$100.00
Distribution Energy Charge	7,040	kWh	\$38.02	\$38.02	\$38.02		98,748	Reactive	\$2,303.85	\$2,303.85	\$2,303.85
Distribution Demand Charge	20.32	kW/Dmd	\$92.86	\$92.86	\$92.86		1510.1	kW/Dmd	\$8,215.30	\$8,215.30	\$8,215.30
Power Supply Energy Charge	7,040	kWh	\$623.04	\$623.04	\$623.04		866,108	kWh	\$39,165.42	\$39,165.42	\$39,165.42
Power Supply Demand Charge									\$15,296.55	\$15,296.55	\$15,296.55
PSCAF - Monthly Factor	7,040	kWh	\$105.25	\$104.90	\$65.40				\$12,300.90	\$12,259.76	\$7,643.84
kWH Tax- Level 1			\$9.66	\$9.66	\$9.66				\$9.66	\$9.66	\$9.66
kWH Tax- Level 2			\$20.80	\$20.80	\$20.80				\$56.24	\$56.24	\$56.24
kWH Tax- Level 3									\$3,087.71	\$3,087.71	\$3,087.71
Total Electric			\$907.63	\$907.28	\$867.78				\$80,535.63	\$80,494.49	\$75,878.57
Water	25	CCF	\$170.92	\$170.92	\$153.37		300	CCF	\$1,936.11	\$1,936.11	\$1,736.81
Sewer (w/Stm.Sew. & Lat.)	25	CCF	\$178.69	\$178.69	\$177.29		300	CCF	\$1,718.69	\$1,718.69	\$1,717.29
Storm Water (Rate/ERU)			\$9.50	\$9.50	\$9.50				\$330.00	\$330.00	\$330.00
Refuse (Rate/Service)			\$5.00	\$5.00	\$5.00				\$5.00	\$5.00	\$5.00
Sub-Other Services			\$364.11	\$364.11	\$345.16				\$3,989.80	\$3,989.80	\$3,789.10
Total Billing - All Services			\$1,271.74	\$1,271.39	\$1,212.94				\$84,525.43	\$84,484.29	\$79,667.67
Verification Totals->			\$1,271.74	\$1,271.39	\$1,212.94				\$84,525.43	\$84,484.29	\$79,667.67
				Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr					Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr
Dollar Chg.to Prior Periods				\$0.35	\$58.80					\$41.14	\$4,857.76
% Inc/Dec(-) to Prior Periods				0.03%	4.85%					0.05%	6.10%
=====	=====	=====	=====	=====	=====		=====	=====	=====	=====	=====
Cost/kWH - Electric	7,040	kWh	\$0.12892	\$0.12888	\$0.12326		866,108	kWh	\$0.09299	\$0.09294	\$0.08761
% Inc/Dec(-) to Prior Periods				0.03%	4.59%					0.05%	6.14%
Cost/CCF - Water	25	CCF	\$6.83680	\$6.83680	\$6.13480		300	CCF	\$6.45370	\$6.45370	\$5.78937
Cost/GALLONS - Water	18,701	GAL	\$0.00914	\$0.00914	\$0.00820		224,415	GAL	\$0.00863	\$0.00863	\$0.00774
% Inc/Dec(-) to Prior Periods				0.00%	11.44%					0.00%	11.47%
Cost/CCF - Sewer	25	CCF	\$7.14760	\$7.14760	\$7.09160		300	CCF	\$5.72897	\$5.72897	\$5.72430
Cost/GALLON - Sewer	18,701	GAL	\$0.00956	\$0.00956	\$0.00948		224,415	GAL	\$0.00766	\$0.00766	\$0.00765
% Inc/Dec(-) to Prior Periods				0.00%	0.79%					0.00%	0.08%
(Listed Accounts Assume SAME USA)											
(One "1" Unit CCF of Water = "Hundre											

BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - JUNE, 2018

JUNE, 2018

2018 - JUNE BILLING WITH APRIL 2018 AMP BILLING PERIOD AND MAY 2018 CITY CONSUMPTION AND BILLING DATA

Class and/or Schedule	Rate Code	May-18 # of Bills	May-18 (kWh Usage)	May-18 Billed	Billed kVa of Demand	Cost / kWh For Month	Cost / kWh Prior 12 Mo Average	Jun-17 # of Bills	Jun-17 (kWh Usage)	Jun-17 Billed	Cost / kWh For Month	Jul-17 # of Bills	Jul-17 (kWh Usage)	Jul-17 Billed	Cost / kWh For Month
Residential (Dom-In)	E1	3,338	2,025,759	\$250,458.51	0	\$0.1236	\$0.1206	3,328	1,527,015	\$185,180.06	\$0.1213	3,328	1,980,449	\$238,020.38	\$0.1202
Residential (Dom-In) w/Ecosmart	E1E	8	3,653	\$463.51	0	\$0.1269	\$0.1223	9	3,267	\$407.28	\$0.1247	9	4,572	\$557.24	\$0.1219
Residential (Dom-In - All Electric)	E2	599	614,613	\$73,494.30	0	\$0.1196	\$0.1193	603	342,122	\$40,611.96	\$0.1187	603	359,740	\$43,212.04	\$0.1201
Res (Dom-In - All Elec.) w/Ecosmart	E2E	1	499	\$62.77	0	\$0.1258	\$0.1221	1	474	\$57.25	\$0.1208	1	527	\$64.01	\$0.1215
Total Residential (Domestic)		3,946	2,644,524	\$324,479.09	0	\$0.1227	\$0.1204	3,941	1,872,878	\$226,256.55	\$0.1208	3,941	2,345,288	\$281,853.67	\$0.1202
Residential (Rural-Out)	ER1	772	764,153	\$98,209.08	0	\$0.1285	\$0.1264	768	570,646	\$72,077.49	\$0.1263	775	682,505	\$86,077.05	\$0.1261
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,900	\$383.51	0	\$0.1322	\$0.1303	4	2,168	\$284.64	\$0.1313	4	2,644	\$343.42	\$0.1299
Residential (Rural-Out - All Electric)	ER2	375	466,587	\$59,001.30	0	\$0.1265	\$0.1250	380	336,298	\$41,751.02	\$0.1241	377	369,700	\$46,197.65	\$0.1250
Res (Rural-Out - All Electric) w/Ecosmar	ER2E	2	2,756	\$346.45	0	\$0.1257	\$0.1257	2	1,599	\$200.43	\$0.1253	2	1,738	\$219.44	\$0.1263
Residential (Rural-Out w/Dmd)	ER3	16	22,621	\$2,837.29	304	\$0.1254	\$0.1203	16	20,548	\$2,476.25	\$0.1205	16	18,799	\$2,316.15	\$0.1232
Residential (Rural-Out - All Electric w/Dmd)	ER4	9	9,461	\$1,210.66	76	\$0.1280	\$0.1239	9	7,079	\$888.79	\$0.1256	9	6,901	\$881.97	\$0.1278
Total Residential (Rural)		1,178	1,268,478	\$161,988.29	380	\$0.1277	\$0.1257	1,179	938,338	\$117,678.62	\$0.1254	1,183	1,082,287	\$136,035.68	\$0.1257
Commercial (1 Ph-In - No Dmd)	EC2	73	36,466	\$5,675.44	18	\$0.1556	\$0.1511	75	43,400	\$6,362.85	\$0.1466	76	51,306	\$7,466.00	\$0.1455
Commercial (1 Ph-Out - No Dmd)	EC2O	48	7,657	\$1,584.22	0	\$0.2069	\$0.1967	45	6,560	\$1,367.13	\$0.2084	45	7,585	\$1,510.65	\$0.1992
Total Commercial (1 Ph) No Dmd		121	44,123	\$7,259.66	18	\$0.1645	\$0.1590	120	49,960	\$7,729.98	\$0.1547	121	58,891	\$8,976.65	\$0.1524
Commercial (1 Ph-In - w/Demand)	EC1	260	307,573	\$45,594.90	1660	\$0.1482	\$0.1472	256	268,763	\$40,193.38	\$0.1495	257	292,211	\$43,735.16	\$0.1497
Commercial (1 Ph-Out - w/Demand)	EC1O	25	48,846	\$6,563.38	160	\$0.1344	\$0.1367	26	27,175	\$3,967.06	\$0.1460	26	27,624	\$4,113.22	\$0.1489
Total Commercial (1 Ph) w/Demand		285	356,419	\$52,158.28	1,820	\$0.1463	\$0.1460	282	295,938	\$44,160.44	\$0.1492	283	319,835	\$47,848.38	\$0.1496
Commercial (3 Ph-Out - No Dmd)	EC4O	2	160	\$57.04	14	\$0.3565	\$0.1389	2	40	\$41.04	\$1.0260	2	40	\$41.12	\$1.0280
Total Commercial (3 Ph) No Dmd		2	160	\$57.04	14	\$0.3565	\$0.1389	2	40	\$41.04	\$1.0260	2	40	\$41.12	\$1.0280
Commercial (3 Ph-In - w/Demand)	EC3	206	1,259,932	\$167,538.58	4794	\$0.1330	\$0.1292	202	1,271,587	\$161,852.65	\$0.1273	202	1,350,746	\$174,664.25	\$0.1293
Commercial (3 Ph-Out - w/Demand)	EC3O	37	291,806	\$38,489.64	1150	\$0.1319	\$0.1300	38	257,890	\$33,508.33	\$0.1299	38	260,438	\$34,815.03	\$0.1337
Commercial (3 Ph-Out - w/Dmd & Sub-St)	E3SO	3	112,760	\$13,817.29	386	\$0.1225	\$0.1211	3	103,680	\$12,477.42	\$0.1203	3	108,920	\$13,286.48	\$0.1220
Commercial (3 Ph-In - w/Demand, No Ta)	EC3T	1	1,560	\$211.67	5	\$0.1357	\$0.1398	1	1,840	\$233.64	\$0.1270	1	1,600	\$210.68	\$0.1317
Total Commercial (3 Ph) w/Demand		247	1,666,058	\$220,057.18	6,335	\$0.1321	\$0.1288	244	1,634,997	\$208,072.04	\$0.1273	244	1,721,704	\$222,976.44	\$0.1295
Large Power (In - w/Dmd & Rct)	EL1	20	1,963,523	\$210,241.35	4580	\$0.1071	\$0.1057	20	2,037,358	\$213,321.76	\$0.1047	20	2,242,947	\$235,908.53	\$0.1052
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,045,153	\$100,795.15	1950	\$0.0964	\$0.0961	3	1,065,741	\$100,329.11	\$0.0941	3	1,149,393	\$108,730.64	\$0.0946
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	471,600	\$50,751.07	1091	\$0.1076	\$0.1037	1	368,400	\$39,487.89	\$0.1072	1	390,000	\$42,155.92	\$0.1081
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	90,319	\$16,168.72	581	\$0.1790	\$0.1415	2	75,664	\$7,986.26	\$0.1055	2	78,979	\$16,650.41	\$0.2108
Total Large Power		26	3,570,595	\$377,956.29	8,202	\$0.1059	\$0.1036	26	3,547,163	\$361,125.02	\$0.1018	26	3,861,319	\$403,445.50	\$0.1045
Industrial (In - w/Dmd & Rct, w/SbCr)	E11	1	1,108,376	\$103,727.01	2051	\$0.0936	\$0.0909	1	1,071,317	\$92,026.12	\$0.0859	1	1,113,076	\$98,777.47	\$0.0887
Industrial (In - w/Dmd & Rct, No/SbCr)	E12	1	786,160	\$74,992.99	1515	\$0.0954	\$0.0946	1	1,050,109	\$87,223.59	\$0.0831	1	853,048	\$76,890.72	\$0.0901
Total Industrial		2	1,894,536	\$178,720.00	3,566	\$0.0943	\$0.0924	2	2,121,426	\$179,249.71	\$0.0845	2	1,966,124	\$175,668.19	\$0.0893
Interdepartmental (In - No Dmd)	ED1	9	47,900	\$5,970.07	130	\$0.1246	\$0.1242	8	28,258	\$3,502.62	\$0.1240	8	45,844	\$5,614.36	\$0.1225
Interdepartmental (Out - w/Dmd)	ED2O	2	383	\$74.54	0	\$0.1946	\$0.1988	2	364	\$69.99	\$0.1923	2	395	\$74.66	\$0.1890
Interdepartmental (In - w/Dmd)	ED2	27	55,096	\$7,563.78	0	\$0.1373	\$0.1382	26	24,344	\$3,380.02	\$0.1388	30	23,479	\$3,364.78	\$0.1433
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	235,246	\$29,667.69	751	\$0.1261	\$0.1229	11	198,736	\$23,854.96	\$0.1200	11	196,172	\$23,322.47	\$0.1189
Interdepartmental (Street Lights)	EDSL	7	63,071	\$5,867.78	0	\$0.0930	\$0.0930	7	62,879	\$5,830.15	\$0.0927	7	62,879	\$5,850.15	\$0.0930
Interdepartmental (Traffic Signals)	EDTS	9	1,683	\$155.62	0	\$0.0925	\$0.0925	9	1,543	\$142.67	\$0.0925	9	1,679	\$155.24	\$0.0925
Generators (JV2 Power Cost Only)	GJV2	1	23,658	\$606.35	39	\$0.0256	\$0.0000	1	19,326	\$570.31	\$0.0295	1	18,698	\$412.29	-\$0.0220
Generators (JV5 Power Cost Only)	GJV5	1	15,046	\$399.17	26	\$0.0265	\$0.0000	1	12,735	\$375.81	\$0.0295	1	12,861	\$283.59	-\$0.0221
Total Interdepartmental		67	442,083	\$50,305.00	946	\$0.1138	\$0.1110	65	348,185	\$37,726.53	\$0.1084	69	362,007	\$37,685.78	\$0.1041
SUB-TOTAL CONSUMPTION & DEMAND		5,874	11,886,976	\$1,372,980.83	21,281	\$0.1155	\$0.1135	5,861	10,808,925	\$1,182,039.93	\$0.1094	5,871	11,717,495	\$1,314,531.41	\$0.1122
Street Lights (In)	SLO	14	3,877	\$30.60	0	\$0.0079	\$0.0457	14	0	\$13.44	\$0.0000	14	0	\$13.44	\$0.0000
Street Lights (Out)	SLOO	2	0	\$1.91	0	\$0.0000	\$0.0000	2	0	\$1.91	\$0.0000	2	0	\$1.92	\$0.0000
Total Street Light Only		16	3,877	\$32.51	0	\$0.0084	\$0.0516	16	0	\$15.35	\$0.0000	16	0	\$15.36	\$0.0000
TOTAL CONSUMPTION & DEMAND		5,890	11,890,853	\$1,373,013.34	21,281	\$0.1155	\$0.1135	5,877	10,808,925	\$1,182,055.28	\$0.1094	5,887	11,717,495	\$1,314,546.77	\$0.1122

BILLING SUMMARY AND COMPARISON

JUNE, 2018

2018 - JUNE BILLING WITH APRIL 2018 AMP BILL

Class and/or Schedule	Rate Code	Aug-17		Aug-17 Billed	Cost / kWh For Month	Sep-17		Sep-17 Billed	Cost / kWh For Month	Oct-17		Oct-17 Billed	Cost / kWh For Month	Nov-17		Nov-17 Billed	Cost / kWh For Month
		# of Bills	(kWh Usage)			# of Bills	(kWh Usage)			# of Bills	(kWh Usage)			# of Bills	(kWh Usage)		
Residential (Dom-In)	E1	3,345	2,690,705	\$314,306.27	\$0.1168	3,342	2,976,085	\$345,350.78	\$0.1160	3,332	2,223,727	\$263,326.85	\$0.1184	3,342	2,183,770	\$258,960.04	\$0.1186
Residential (Dom-In) w/Ecosmart	E1E	9	6,295	\$742.17	\$0.1179	9	6,913	\$809.37	\$0.1171	9	5,030	\$604.13	\$0.1201	9	5,189	\$621.37	\$0.1197
Residential (Dom-In - All Electric)	E2	600	430,173	\$50,625.88	\$0.1177	608	462,086	\$54,138.22	\$0.1172	601	358,277	\$42,791.55	\$0.1194	607	359,718	\$42,973.88	\$0.1195
Res (Dom-In - All Elec) w/Ecosmart	E2E	1	624	\$74.21	\$0.1189	1	913	\$105.77	\$0.1158	1	601	\$71.72	\$0.1193	1	498	\$60.45	\$0.1214
Total Residential (Domestic)		3,955	3,127,797	\$365,748.53	\$0.1169	3,960	3,445,997	\$400,404.14	\$0.1162	3,943	2,587,635	\$306,794.25	\$0.1186	3,959	2,549,175	\$302,615.74	\$0.1187
Residential (Rural-Out)	ER1	776	809,279	\$98,658.70	\$0.1219	776	867,199	\$106,585.60	\$0.1229	777	664,288	\$83,537.14	\$0.1258	782	671,146	\$84,360.08	\$0.1257
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,850	\$364.95	\$0.1281	4	3,102	\$393.53	\$0.1269	4	2,206	\$291.63	\$0.1322	4	2,317	\$304.24	\$0.1313
Residential (Rural-Out - All Electric)	ER2	377	425,821	\$52,319.41	\$0.1229	376	455,552	\$55,674.82	\$0.1222	376	361,254	\$44,970.86	\$0.1245	375	356,797	\$44,441.94	\$0.1246
Res (Rural-Out - All Electric) w/Ecosmart	ER2E	2	2,035	\$252.01	\$0.1238	2	2,185	\$269.03	\$0.1231	2	1,534	\$194.96	\$0.1271	2	1,712	\$215.25	\$0.1257
Residential (Rural-Out w/Dmd)	ER3	16	15,934	\$1,973.79	\$0.1239	16	17,174	\$2,115.60	\$0.1232	16	12,662	\$1,603.74	\$0.1267	16	15,601	\$1,938.09	\$0.1242
Residential (Rural-Out - All Electric w/Dmd)	ER4	9	7,593	\$955.60	\$0.1259	9	8,328	\$1,038.77	\$0.1247	9	7,172	\$907.99	\$0.1266	9	7,142	\$904.42	\$0.1266
Total Residential (Rural)		1,184	1,263,512	\$154,524.46	\$0.1223	1,183	1,353,540	\$166,077.35	\$0.1227	1,184	1,049,116	\$131,506.32	\$0.1253	1,188	1,054,715	\$132,164.02	\$0.1253
Commercial (1 Ph-In - No Dmd)	EC2	76	58,896	\$8,390.83	\$0.1425	76	40,897	\$6,098.23	\$0.1491	76	34,747	\$5,333.29	\$0.1535	76	32,527	\$5,050.68	\$0.1553
Commercial (1 Ph-Out - No Dmd)	EC2O	48	8,154	\$1,613.40	\$0.1979	48	7,971	\$1,589.79	\$0.1994	48	7,344	\$1,510.81	\$0.2057	48	7,470	\$1,526.63	\$0.2044
Total Commercial (1 Ph) No Dmd		124	67,050	\$10,004.23	\$0.1492	124	48,868	\$7,688.02	\$0.1573	124	42,091	\$6,844.10	\$0.1626	124	39,997	\$6,577.31	\$0.1644
Commercial (1 Ph-In - w/Demand)	EC1	258	347,281	\$50,323.85	\$0.1449	259	411,769	\$58,197.76	\$0.1413	259	379,198	\$53,697.15	\$0.1416	260	319,807	\$47,319.16	\$0.1480
Commercial (1 Ph-Out - w/Demand)	EC1O	24	30,759	\$4,412.07	\$0.1434	25	47,917	\$6,566.44	\$0.1370	25	44,552	\$5,902.21	\$0.1325	25	44,645	\$5,891.25	\$0.1320
Total Commercial (1 Ph) w/Demand		282	378,040	\$54,735.92	\$0.1448	284	459,686	\$64,764.20	\$0.1409	284	423,750	\$59,599.36	\$0.1406	285	364,452	\$53,210.41	\$0.1460
Commercial (3 Ph-Out - No Dmd)	EC4O	2	40	\$41.09	\$1.0273	2	40	\$41.09	\$1.0273	2	80	\$46.17	\$0.5771	2	40	\$41.09	\$1.0273
Total Commercial (3 Ph) No Dmd		2	40	\$41.09	\$1.0273	2	40	\$41.09	\$1.0273	2	80	\$46.17	\$0.5771	2	40	\$41.09	\$1.0273
Commercial (3 Ph-In - w/Demand)	EC3	200	1,550,308	\$196,114.84	\$0.1265	205	1,638,514	\$206,906.78	\$0.1263	204	1,692,732	\$214,231.62	\$0.1266	205	1,517,308	\$193,360.95	\$0.1274
Commercial (3 Ph-Out - w/Demand)	EC3O	38	262,736	\$34,248.95	\$0.1304	38	276,505	\$35,724.78	\$0.1292	38	325,955	\$41,725.26	\$0.1280	38	294,347	\$39,396.29	\$0.1338
Commercial (3 Ph-Out - w/Dmd & Sub-St.)	E3SO	3	115,600	\$13,912.96	\$0.1204	3	116,040	\$13,907.06	\$0.1198	3	116,000	\$13,869.38	\$0.1196	3	129,040	\$15,176.79	\$0.1176
Commercial (3 Ph-In - w/Demand, No Tariff)	EC3T	1	3,320	\$464.87	\$0.1400	1	4,520	\$592.45	\$0.1311	1	5,480	\$770.10	\$0.1405	1	4,360	\$641.13	\$0.1470
Total Commercial (3 Ph) w/Demand		242	1,931,964	\$244,741.62	\$0.1267	247	2,035,579	\$257,131.07	\$0.1263	246	2,140,167	\$270,596.36	\$0.1264	247	1,945,055	\$248,575.16	\$0.1278
Large Power (In - w/Dmd & Rct)	EL1	20	2,241,396	\$230,431.42	\$0.1028	20	2,427,551	\$243,182.88	\$0.1002	20	2,337,738	\$237,863.72	\$0.1017	20	2,135,368	\$229,141.71	\$0.1073
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,106,992	\$104,791.60	\$0.0947	3	1,162,104	\$109,126.69	\$0.0939	3	1,123,509	\$108,039.15	\$0.0962	3	1,135,244	\$106,358.90	\$0.0937
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	355,200	\$39,089.96	\$0.1101	1	484,800	\$47,774.37	\$0.0985	1	537,600	\$53,006.22	\$0.0986	1	550,800	\$53,439.61	\$0.0970
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	72,757	\$14,892.80	\$0.2047	2	79,957	\$19,155.55	\$0.2396	2	81,360	\$16,071.48	\$0.1975	2	76,818	\$10,209.80	\$0.1329
Total Large Power		26	3,776,347	\$389,205.78	\$0.1031	26	4,154,412	\$419,239.49	\$0.1009	26	4,080,207	\$414,980.57	\$0.1017	26	3,898,230	\$399,150.02	\$0.1024
Industrial (In - w/Dmd & Rct, w/SbCr)	E1I	1	1,058,217	\$93,929.97	\$0.0888	1	1,175,166	\$100,988.96	\$0.0859	1	1,129,616	\$99,604.19	\$0.0882	1	1,112,781	\$97,747.46	\$0.0878
Industrial (In - w/Dmd & Rct, No/SbCr)	E1I2	1	625,090	\$61,785.34	\$0.0988	1	736,807	\$68,131.06	\$0.0925	1	796,422	\$72,352.61	\$0.0908	1	957,307	\$86,295.32	\$0.0901
Total Industrial		2	1,683,307	\$155,715.31	\$0.0925	2	1,911,973	\$169,120.02	\$0.0885	2	1,926,038	\$171,956.80	\$0.0893	2	2,070,088	\$184,042.78	\$0.0889
Interdepartmental (In - No Dmd)	ED1	9	51,101	\$6,163.94	\$0.1206	8	53,518	\$6,417.40	\$0.1199	8	30,204	\$3,954.95	\$0.1309	9	30,726	\$3,903.70	\$0.1270
Interdepartmental (Out - w/Dmd)	ED2O	2	472	\$84.14	\$0.1783	2	557	\$94.92	\$0.1704	2	288	\$60.78	\$0.2110	2	365	\$70.56	\$0.1933
Interdepartmental (In - w/Dmd)	ED2	27	22,367	\$3,169.47	\$0.1417	26	24,282	\$3,399.52	\$0.1400	26	20,645	\$2,940.06	\$0.1424	26	22,151	\$3,130.33	\$0.1413
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	195,150	\$23,572.78	\$0.1208	11	195,896	\$22,942.74	\$0.1171	11	191,075	\$22,412.21	\$0.1173	11	170,644	\$19,992.77	\$0.1172
Interdepartmental (Street Lights)	EDSL	7	62,879	\$5,848.05	\$0.0930	7	62,879	\$5,851.14	\$0.0931	7	62,879	\$5,850.15	\$0.0930	7	63,071	\$5,865.70	\$0.0930
Interdepartmental (Traffic Signals)	EDTS	9	1,575	\$145.62	\$0.0925	9	1,715	\$158.59	\$0.0925	9	1,641	\$151.75	\$0.0925	9	1,699	\$157.09	\$0.0925
Generators (JV2 Power Cost Only)	GJV2	1	16,988	\$380.02	\$0.0224	1	18,180	\$417.41	\$0.0230	1	19,650	\$149.14	\$0.0076	1	19,414	\$444.39	\$0.0229
Generators (JV5 Power Cost Only)	GJV5	1	12,382	\$276.99	\$0.0224	1	12,704	\$291.68	\$0.0230	1	12,615	\$95.75	\$0.0076	1	11,906	\$272.53	\$0.0229
Total Interdepartmental		67	362,914	\$39,641.01	\$0.1092	65	369,731	\$39,573.40	\$0.1070	65	338,997	\$35,614.79	\$0.1051	66	319,976	\$33,837.07	\$0.1057
SUB-TOTAL CONSUMPTION & DEMAND		5,884	12,590,971	\$1,414,357.95	\$0.1123	5,893	13,779,826	\$1,524,038.78	\$0.1106	5,876	12,588,081	\$1,397,938.72	\$0.1111	5,899	12,241,728	\$1,360,213.60	\$0.1111
Street Lights (In)	SLO	13	0	\$13.28	\$0.0000	13	0	\$13.28	\$0.0000	13	0	\$13.28	\$0.0000	13	0	\$13.28	\$0.0000
Street Lights (Out)	SLOO	2	0	\$1.91	\$0.0000	2	0	\$1.92	\$0.0000	2	0	\$1.91	\$0.0000	2	0	\$1.92	\$0.0000
Total Street Light Only		15	0	\$15.19	\$0.0000	15	0	\$15.20	\$0.0000	15	0	\$15.19	\$0.0000	15	0	\$15.20	\$0.0000
TOTAL CONSUMPTION & DEMAND		5,899	12,590,971	\$1,414,373.14	\$0.1123	5,908	13,779,826	\$1,524,053.98	\$0.1106	5,891	12,588,081	\$1,397,953.91	\$0.1111	5,914	12,241,728	\$1,360,228.80	\$0.1111

BILLING SUMMARY AND COM

JUNE, 2018

2018 - JUNE BILLING WITH APRIL 2018 AMP BIL

Class and/or Schedule	Rate Code	Dec-17			Cost / kWh For Month	Jan-18			Cost / kWh For Month	Feb-18			Cost / kWh For Month	Mar-18			Cost / kWh For Month	Apr-18 # of Bills
		# of Bills	Dec-17 (kWh Usage)	Dec-17 Billed		# of Bills	Jan-18 (kWh Usage)	Jan-18 Billed		# of Bills	Feb-18 (kWh Usage)	Feb-18 Billed		# of Bills	Mar-18 (kWh Usage)	Mar-18 Billed		
Residential (Dom-In)	E1	3,343	1,828,366	\$220,986.13	\$0.1209	3,335	2,010,836	\$244,589.76	\$0.1216	3,343	2,600,843	\$315,462.64	\$0.1213	3,335	2,361,100	\$298,911.41	\$0.1266	3,327
Residential (Dom-In) w/Ecosmart	E1E	9	4,265	\$522.82	\$0.1226	9	4,807	\$590.89	\$0.1229	8	4,499	\$559.08	\$0.1243	8	4,002	\$520.81	\$0.1301	8
Residential (Dom-In - All Electric)	E2	600	411,193	\$48,798.42	\$0.1187	604	564,281	\$66,628.60	\$0.1181	602	864,143	\$101,722.88	\$0.1177	606	786,539	\$96,518.49	\$0.1227	606
Res. (Dom-In - All Elec.) w/Ecosmart	E2E	1	543	\$65.68	\$0.1210	1	418	\$52.69	\$0.1261	1	535	\$66.78	\$0.1248	1	523	\$67.78	\$0.1296	1
Total Residential (Domestic)		3,953	2,244,367	\$270,373.05	\$0.1205	3,949	2,580,342	\$311,861.94	\$0.1209	3,954	3,470,020	\$417,811.38	\$0.1204	3,950	3,152,164	\$396,018.49	\$0.1256	3,942
Residential (Rural-Out)	ER1	780	685,224	\$86,337.74	\$0.1260	773	765,076	\$96,763.07	\$0.1265	771	986,496	\$124,341.31	\$0.1260	771	908,972	\$119,325.99	\$0.1313	772
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,675	\$346.59	\$0.1296	4	3,295	\$423.51	\$0.1285	4	4,035	\$517.35	\$0.1282	4	3,609	\$483.33	\$0.1339	4
Residential (Rural-Out - All Electric)	ER2	375	403,035	\$49,945.45	\$0.1239	376	472,990	\$58,795.22	\$0.1243	377	639,067	\$79,311.81	\$0.1241	376	583,114	\$75,345.72	\$0.1292	376
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2	1,834	\$230.21	\$0.1255	2	2,390	\$298.17	\$0.1248	2	3,571	\$442.41	\$0.1239	2	3,058	\$395.64	\$0.1294	2
Residential (Rural-Out w/Dmd)	ER3	16	64,428	\$7,518.60	\$0.1167	16	139,280	\$16,276.44	\$0.1169	16	93,486	\$11,174.66	\$0.1195	16	25,797	\$3,325.21	\$0.1289	16
Residential (Rural-Out - All Electric w/Dm	ER4	9	24,064	\$2,842.60	\$0.1181	9	29,151	\$3,474.71	\$0.1192	9	11,992	\$1,508.09	\$0.1258	9	11,504	\$1,502.79	\$0.1306	9
Total Residential (Rural)		1,186	1,181,260	\$147,221.19	\$0.1246	1,180	1,412,182	\$176,031.12	\$0.1247	1,179	1,738,647	\$217,295.63	\$0.1250	1,178	1,536,054	\$200,378.68	\$0.1305	1,179
Commercial (1 Ph-In - No Dmd)	EC2	73	33,935	\$5,213.13	\$0.1536	72	33,842	\$5,248.60	\$0.1551	73	43,883	\$6,642.26	\$0.1514	74	41,741	\$6,562.97	\$0.1572	73
Commercial (1 Ph-Out - No Dmd)	EC2O	48	7,896	\$1,585.34	\$0.2008	48	11,116	\$2,015.82	\$0.1813	48	12,402	\$2,206.58	\$0.1779	48	10,219	\$1,966.08	\$0.1924	48
Total Commercial (1 Ph) No Dmd		121	41,831	\$6,798.47	\$0.1625	120	44,958	\$7,264.42	\$0.1616	121	56,285	\$8,848.84	\$0.1572	122	51,960	\$8,529.05	\$0.1641	121
Commercial (1 Ph-In - w/Demand)	EC1	261	291,661	\$43,822.32	\$0.1503	261	284,512	\$42,357.67	\$0.1489	261	328,599	\$48,114.24	\$0.1464	261	339,671	\$51,012.55	\$0.1502	259
Commercial (1 Ph-Out - w/Demand)	EC1O	26	42,872	\$5,729.42	\$0.1336	25	43,761	\$5,916.71	\$0.1352	25	50,064	\$6,772.87	\$0.1353	25	52,526	\$7,223.28	\$0.1375	25
Total Commercial (1 Ph) w/Demand		287	334,533	\$49,551.74	\$0.1481	286	328,273	\$48,274.38	\$0.1471	286	378,663	\$54,887.11	\$0.1449	286	392,197	\$58,235.83	\$0.1485	284
Commercial (3 Ph-Out - No Dmd)	EC4O	2	80	\$46.22	\$0.5778	2	17,480	\$2,292.64	\$0.1312	2	30,880	\$4,075.47	\$0.1320	2	1,400	\$226.32	\$0.1617	2
Total Commercial (3 Ph) No Dmd		2	80	\$46.22	\$0.5778	2	17,480	\$2,292.64	\$0.1312	2	30,880	\$4,075.47	\$0.1320	2	1,400	\$226.32	\$0.1617	2
Commercial (3 Ph-In - w/Demand)	EC3	205	1,433,490	\$184,075.24	\$0.1284	204	1,281,988	\$166,754.24	\$0.1301	206	1,371,679	\$179,694.62	\$0.1310	204	1,414,470	\$190,732.90	\$0.1348	205
Commercial (3 Ph-Out - w/Demand)	EC3O	38	437,383	\$55,388.91	\$0.1266	37	498,587	\$62,293.93	\$0.1249	37	387,026	\$50,165.48	\$0.1296	37	336,281	\$45,317.24	\$0.1348	37
Commercial (3 Ph-Out - w/Dmd & Sub-St	E3SO	3	111,840	\$13,266.17	\$0.1186	3	124,400	\$14,870.27	\$0.1195	3	121,400	\$14,925.35	\$0.1229	3	128,240	\$16,205.40	\$0.1264	3
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	4,720	\$688.22	\$0.1458	1	1,880	\$317.02	\$0.1686	1	1,880	\$246.39	\$0.1311	1	1,920	\$259.83	\$0.1353	1
Total Commercial (3 Ph) w/Demand		247	1,987,433	\$253,418.54	\$0.1275	245	1,906,855	\$244,235.46	\$0.1281	247	1,881,985	\$245,031.84	\$0.1302	245	1,880,911	\$252,515.37	\$0.1343	246
Large Power (In - w/Dmd & Rct)	EL1	20	2,168,883	\$222,936.81	\$0.1028	20	2,006,153	\$213,358.86	\$0.1064	20	1,814,927	\$198,455.18	\$0.1093	20	2,068,532	\$229,984.97	\$0.1112	20
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,022,737	\$97,146.25	\$0.0950	3	927,688	\$88,035.71	\$0.0949	3	966,577	\$96,296.51	\$0.0996	3	949,906	\$96,998.93	\$0.1021	3
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	1	540,000	\$52,214.92	\$0.0967	1	480,000	\$48,097.78	\$0.1002	1	367,200	\$41,884.75	\$0.1141	1	523,200	\$56,086.13	\$0.1072	1
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	88,348	\$8,206.94	\$0.0929	2	85,831	\$8,470.21	\$0.0987	2	116,013	\$10,980.28	\$0.0946	2	110,023	\$10,673.16	\$0.0970	2
Total Large Power		26	3,819,968	\$380,504.92	\$0.0996	26	3,499,672	\$357,962.56	\$0.1023	26	3,264,717	\$347,616.72	\$0.1065	26	3,651,661	\$393,743.19	\$0.1078	26
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,089,751	\$95,026.41	\$0.0872	1	1,008,863	\$93,691.01	\$0.0929	1	839,013	\$84,432.41	\$0.1006	1	1,048,501	\$101,993.48	\$0.0973	1
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	793,944	\$73,110.92	\$0.0921	1	580,356	\$61,860.44	\$0.1066	1	589,615	\$64,585.76	\$0.1095	1	749,970	\$75,744.35	\$0.1010	1
Total Industrial		2	1,883,695	\$168,137.33	\$0.0893	2	1,589,219	\$155,551.45	\$0.0979	2	1,428,628	\$149,018.17	\$0.1043	2	1,798,471	\$177,737.83	\$0.0988	2
Interdepartmental (In - No Dmd)	ED1	9	35,134	\$4,725.24	\$0.1345	9	47,039	\$5,798.00	\$0.1233	9	63,930	\$7,771.28	\$0.1216	10	60,747	\$7,601.39	\$0.1251	9
Interdepartmental (Out - w/Dmd)	ED2O	2	269	\$58.51	\$0.2175	2	275	\$59.76	\$0.2173	2	257	\$57.92	\$0.2254	2	265	\$60.17	\$0.2271	2
Interdepartmental (In - w/Dmd)	ED2	28	44,216	\$5,978.93	\$0.1352	32	59,195	\$8,039.29	\$0.1358	30	85,669	\$11,592.07	\$0.1353	27	72,209	\$10,123.32	\$0.1402	27
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	192,105	\$24,351.34	\$0.1268	11	232,067	\$29,509.11	\$0.1272	11	317,586	\$38,870.80	\$0.1224	11	280,875	\$35,935.72	\$0.1279	11
Interdepartmental (Street Lights)	EDSL	7	63,071	\$5,850.46	\$0.0928	7	63,071	\$5,874.10	\$0.0931	7	63,071	\$5,866.74	\$0.0930	7	63,071	\$5,859.59	\$0.0929	7
Interdepartmental (Traffic Signals)	EDTS	9	1,805	\$166.87	\$0.0924	9	1,768	\$163.49	\$0.0925	9	1,772	\$163.83	\$0.0925	9	1,800	\$166.43	\$0.0925	9
Generators (JV2 Power Cost Only)	GJV2	1	21,949	\$501.75	\$0.0229	1	24,724	\$724.66	\$0.0293	1	30,393	\$1,009.05	\$0.0332	1	27,905	\$375.32	\$0.0134	1
Generators (JV5 Power Cost Only)	GJV5	1	11,273	\$257.70	\$0.0229	1	14,021	\$410.96	\$0.0293	1	19,852	\$659.09	\$0.0332	1	16,182	\$217.65	\$0.0135	1
Total Interdepartmental		68	369,822	\$41,890.80	\$0.1133	72	442,160	\$50,579.37	\$0.1144	70	582,530	\$65,990.78	\$0.1133	68	523,054	\$60,339.59	\$0.1154	67
SUB-TOTAL CONSUMPTION & DEMAND		5,892	11,862,989	\$1,317,942.26	\$0.1111	5,882	11,821,141	\$1,354,053.34	\$0.1145	5,887	12,832,355	\$1,510,575.94	\$0.1177	5,879	12,987,872	\$1,547,724.35	\$0.1192	5,869
Street Lights (In)	SLO	13	0	\$13.29	\$0.0000	13	0	\$13.28	\$0.0000	13	0	\$13.28	\$0.0000	13	0	\$13.28	\$0.0000	13
Street Lights (Out)	SLOO	2	0	\$1.92	\$0.0000	2	0	\$1.92	\$0.0000	2	0	\$1.91	\$0.0000	2	0	\$1.91	\$0.0000	2
Total Street Light Only		15	0	\$15.21	\$0.0000	15	0	\$15.20	\$0.0000	15	0	\$15.19	\$0.0000	15	0	\$15.19	\$0.0000	15
TOTAL CONSUMPTION & DEMAND		5,907	11,862,989	\$1,317,957.47	\$0.1111	5,897	11,821,141	\$1,354,068.54	\$0.1145	5,902	12,832,355	\$1,510,591.13	\$0.1177	5,894	12,987,872	\$1,547,739.54	\$0.1192	5,884

BILLING SUMMARY AND COA

JUNE, 2018

2018 - JUNE BILLING WITH APRIL 2018 AMP BIL

Class and/or Schedule	Rate Code	Apr-18 (kWh Usage)	Apr-18 Billed	Cost / kWh For Month	May-18 # of Bills	May-18 (kWh Usage)	May-18 Billed	Cost / kWh For Month	TOTAL KWH USEAGE PRIOR 12 MO	TOTAL BILLING PRIOR 12 MO	Avg.Cost Per kWh For Period	Avg.Num. of Bills For Period	Avg.Per.% of Bills For Period
Residential (Dom-In)	E1	1,844,873	\$230,921.77	\$0.1252	3,338	2,025,759	\$250,458.51	\$0.1236	26,253,528	\$3,166,474.60	\$0.1206	3,337	56.5908%
Residential (Dom-In) w/Ecosmart	E1E	3,412	\$438.16	\$0.1284	8	3,653	\$463.51	\$0.1269	55,904	\$6,836.83	\$0.1223	9	0.1470%
Residential (Dom-In - All Electric)	E2	573,242	\$69,171.99	\$0.1207	599	614,613	\$73,494.30	\$0.1196	6,126,127	\$730,688.21	\$0.1193	603	10.2318%
Res (Dom-In - All Elec.) w/Ecosmart	E2E	464	\$59.06	\$0.1273	1	499	\$62.77	\$0.1258	6,619	\$808.17	\$0.1221	1	0.0170%
Total Residential (Domestic)		2,421,991	\$300,590.98	\$0.1241	3,946	2,644,524	\$324,479.09	\$0.1227	32,442,178	\$3,904,807.81	\$0.1204	3,949	66.9866%
Residential (Rural-Out)	ER1	716,346	\$92,931.50	\$0.1297	772	764,153	\$98,209.08	\$0.1285	9,091,330	\$1,149,204.75	\$0.1264	774	13.1350%
Residential (Rural-Out) w/Ecosmart	ER1E	2,843	\$378.47	\$0.1331	4	2,900	\$383.51	\$0.1322	34,644	\$4,515.17	\$0.1303	4	0.0678%
Residential (Rural-Out - All Electric)	ER2	442,647	\$56,439.39	\$0.1275	375	466,587	\$59,001.30	\$0.1265	5,312,862	\$664,194.59	\$0.1250	376	6.3830%
Res (Rural-Out - All Electric) w/Ecosmart	ER2E	2,323	\$296.55	\$0.1277	2	2,756	\$346.45	\$0.1257	26,735	\$3,360.55	\$0.1257	2	0.0339%
Residential (Rural-Out w/Dmd)	ER3	29,177	\$3,628.53	\$0.1244	16	22,621	\$2,837.29	\$0.1254	475,507	\$57,184.35	\$0.1203	16	0.2714%
Residential (Rural-Out - All Electric w/Dm)	ER4	9,571	\$1,229.34	\$0.1284	9	9,461	\$1,210.66	\$0.1280	139,958	\$17,345.73	\$0.1239	9	0.1527%
Total Residential (Rural)		1,202,907	\$154,903.78	\$0.1288	1,178	1,268,478	\$161,988.29	\$0.1277	15,081,036	\$1,895,805.14	\$0.1257	1,182	20.0438%
Commercial (1 Ph-In - No Dmd)	EC2	34,316	\$5,405.33	\$0.1575	73	36,466	\$5,675.44	\$0.1556	485,956	\$73,449.61	\$0.1511	74	1.2622%
Commercial (1 Ph-Out - No Dmd)	EC2O	7,512	\$1,569.60	\$0.2089	48	7,657	\$1,584.22	\$0.2069	101,886	\$20,046.05	\$0.1967	48	0.8057%
Total Commercial (1 Ph) No Dmd		41,828	\$6,974.93	\$0.1668	121	44,123	\$7,259.66	\$0.1645	587,842	\$93,495.66	\$0.1590	122	2.0678%
Commercial (1 Ph-In - w/Demand)	EC1	288,035	\$43,656.94	\$0.1516	260	307,573	\$45,594.90	\$0.1482	3,859,080	\$568,025.08	\$0.1472	259	4.3986%
Commercial (1 Ph-Out - w/Demand)	EC1O	46,069	\$6,223.64	\$0.1351	25	48,846	\$6,563.38	\$0.1344	506,810	\$69,281.55	\$0.1367	25	0.4269%
Total Commercial (1 Ph) w/Demand		334,104	\$49,880.58	\$0.1493	285	356,419	\$52,158.28	\$0.1463	4,365,890	\$637,306.63	\$0.1460	285	4.8254%
Commercial (3 Ph-Out - No Dmd)	EC4O	80	\$46.57	\$0.5821	2	160	\$57.04	\$0.3565	50,360	\$6,995.86	\$0.1389	2	0.0339%
Total Commercial (3 Ph) No Dmd		80	\$46.57	\$0.5821	2	160	\$57.04	\$0.3565	50,360	\$6,995.86	\$0.1389	2	0.0339%
Commercial (3 Ph-In - w/Demand)	EC3	1,352,644	\$177,660.41	\$0.1313	206	1,259,932	\$167,538.58	\$0.1330	17,135,398	\$2,213,587.08	\$0.1292	204	3.4601%
Commercial (3 Ph-Out - w/Demand)	EC3O	302,403	\$40,173.61	\$0.1328	37	291,806	\$38,489.64	\$0.1319	3,931,357	\$511,247.45	\$0.1300	38	0.6375%
Commercial (3 Ph-Out - w/Dmd & Sub-St)	E3SO	116,440	\$14,345.25	\$0.1232	3	112,760	\$13,817.29	\$0.1225	1,404,360	\$170,059.82	\$0.1211	3	0.0509%
Commercial (3 Ph-In - w/Demand, No Ta)	EC3T	1,840	\$244.53	\$0.1329	1	1,560	\$211.67	\$0.1357	34,920	\$4,880.53	\$0.1398	1	0.0170%
Total Commercial (3 Ph) w/Demand		1,773,327	\$232,423.80	\$0.1311	247	1,666,058	\$220,057.18	\$0.1321	22,506,035	\$2,899,774.88	\$0.1288	246	4.1654%
Large Power (In - w/Dmd & Rct)	EL1	1,817,901	\$205,936.91	\$0.1133	20	1,963,523	\$210,241.35	\$0.1071	25,262,279	\$2,670,764.10	\$0.1057	20	0.3392%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	969,637	\$96,304.33	\$0.0993	3	1,045,153	\$100,795.15	\$0.0964	12,624,681	\$1,212,952.97	\$0.0961	3	0.0509%
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	444,000	\$47,885.41	\$0.1079	1	471,600	\$50,751.07	\$0.1076	5,512,800	\$571,874.03	\$0.1037	1	0.0170%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	96,895	\$9,570.11	\$0.0988	2	90,319	\$16,168.72	\$0.1790	1,052,964	\$149,035.72	\$0.1415	2	0.0339%
Total Large Power		3,328,433	\$359,696.76	\$0.1081	26	3,570,595	\$377,956.29	\$0.1059	44,452,724	\$4,604,626.82	\$0.1036	26	0.4410%
Industrial (In - w/Dmd & Rct, w/SbCr)	E1I	992,995	\$96,681.73	\$0.0974	1	1,108,376	\$103,727.01	\$0.0936	12,747,672	\$1,158,626.22	\$0.0909	1	0.0170%
Industrial (In - w/Dmd & Rct, No/SbCr)	E1I2	736,520	\$72,152.25	\$0.0980	1	786,160	\$74,992.99	\$0.0954	9,255,348	\$875,125.35	\$0.0946	1	0.0170%
Total Industrial		1,729,515	\$168,833.98	\$0.0976	2	1,894,536	\$178,720.00	\$0.0943	22,003,020	\$2,033,751.57	\$0.0924	2	0.0339%
Interdepartmental (In - No Dmd)	ED1	48,986	\$6,069.77	\$0.1239	9	47,900	\$5,970.07	\$0.1246	543,387	\$67,492.72	\$0.1242	9	0.1484%
Interdepartmental (Out - w/Dmd)	ED2O	249	\$57.06	\$0.2292	2	383	\$74.54	\$0.1946	4,139	\$823.01	\$0.1988	2	0.0339%
Interdepartmental (In - w/Dmd)	ED2	52,880	\$7,304.00	\$0.1381	27	55,096	\$7,563.78	\$0.1373	506,533	\$69,985.57	\$0.1382	28	0.4693%
Interdepartmental (3Ph-In - w/Dmd)	ED3	247,163	\$31,549.71	\$0.1276	11	235,246	\$29,667.69	\$0.1261	2,652,715	\$325,982.30	\$0.1229	11	0.1866%
Interdepartmental (Street Lights)	EDSL	63,071	\$5,855.66	\$0.0928	7	63,071	\$5,867.78	\$0.0930	755,892	\$70,269.67	\$0.0930	7	0.1187%
Interdepartmental (Traffic Signals)	EDTS	1,574	\$145.53	\$0.0925	9	1,683	\$155.62	\$0.0925	20,254	\$1,872.73	\$0.0925	9	0.1527%
Generators (JV2 Power Cost Only)	GJV2	22,929	\$567.95	\$0.0248	1	23,658	\$606.35	\$0.0256	263,814	\$5,334.06	\$0.0202	1	0.0170%
Generators (JV5 Power Cost Only)	GJV5	14,121	\$349.78	\$0.0248	1	15,046	\$399.17	\$0.0265	165,698	\$3,323.52	\$0.0201	1	0.0170%
Total Interdepartmental		450,973	\$51,899.46	\$0.1151	67	442,083	\$50,305.00	\$0.1138	4,912,432	\$545,083.58	\$0.1110	67	1.1435%
SUB-TOTAL CONSUMPTION & DEMAND		11,283,158	\$1,325,250.84	\$0.1175	5,874	11,886,976	\$1,372,980.83	\$0.1155	146,401,517	\$16,621,647.95	\$0.1135	5,881	99.7413%
Street Lights (In)	SLO	0	\$13.28	\$0.0000	14	3,877	\$30.60	\$0.0079	3,877	\$177.01	\$0.0457	13	0.2247%
Street Lights (Out)	SLOO	0	\$1.92	\$0.0000	2	0	\$1.91	\$0.0000	0	\$22.98	\$0.0000	2	0.0339%
Total Street Light Only		0	\$15.20	\$0.0000	16	3,877	\$32.51	\$0.0084	3,877	\$199.99	\$0.0516	15	0.2587%
TOTAL CONSUMPTION & DEMAND		11,283,158	\$1,325,266.04	\$0.1175	5,890	11,890,853	\$1,373,013.34	\$0.1155	146,405,394	\$16,621,847.94	\$0.1135	5,896	100.0000%

Electric Department Report May 2018

There were 10 callout/outages during the month of May. Two callouts were to turn on power for Utility Billing Dept. Four outages were caused by animals getting into wires. One callout was caused by a customer owned breaker failing. One callout was to check a broken pole that was found to be a telephone pole. One outage was caused by high winds pushing wire and tree limb together. One outage was caused by lightning which affected 9 customers.

Linemen/Service Truck: Crews relocated pole anchors for the Industrial Drive road project. Line crews performed shutoffs, replaced a 3 phase service [pole at the Filling Home. Crews installed anchors and guys on Scott and Lagrange streets. Crews installed 2 underground services in Twin Oaks and 1 on Rd P-1. Crews rebuilt the electric wires, poles and new service at the State Farm Insurance on Scott Street. Crews performed shop and equipment maintenance. Crews worked on the Road P rebuild. Crews worked with contractor boring new underground on Glenwood and Jahns roads. Crews rebuilt primary metering pole at the filling home. Crews changed out the ball field lights at Oakwood with LED fixtures. Crews helped trim out trees on Graceway. Crews replaced a pole hit by farm implement across from Johnson's Ice Cream on State Rt. 108. Crews installed 3 permanent electric services at Glenwood Park for Kid's Fest, Fourth of July, etc. Crews also attended safety class by Sandy Sherwood. The Service truck lineman performed line locates and completed work orders.

Substation Crew: This crew performed monthly substation maintenance and checks, attended safety class, finished switch installation at Industrial substation and performed Doble testing on 69 KV breakers at Northside Substation. Crews also helped IT and wastewater with fiber optic related problems.

Tree Crew: The tree trimming crew trimmed on East Riverview, beside Pizza Hut at metering pole, Road P-1, Road C, 424 West, Road W and 8, Graceway, Maple Street and along County Road W just west of State Route 109.

Storeroom/ Inventory: Shawn read meters, obtained quotes, ordered inventory, performed maintenance in shop as needed and helped crews in the field when required.

The **Peak Load for May, 2018 was 27.72 MW** occurring on the 30th at 4:00 PM. This was an increase of 4.21 MW compared to May, 2017. The monthly average compared to May, 2017 actually increased by .72 MW from 15.53 MW to 16.25 MW in 2018. The turbine ran on 5/11, 5/29 and 5/31. It produced a total of 290.47 MWh. The JV-2 ran on 5/29 and 5/31 and produced 5.10 KWh. The Solar Field produced 373.97 MWh compared to 553.08 MWh in May, 2017. This was a decrease of 179.11 MWh. The peak output for the Solar Field was 3.07 MW compared to 3.63 in 2017. This was a decrease of 0.56 MW.

City of Napoleon, Ohio



SUMMARY OF MAY 2018 OUTAGE/STANDBY CALL-OUTS

May 2, 2018:

One employee was dispatched at 3:15 p.m. by City Hall to turn on electric.

May 4, 2018:

One employee was dispatched at 3:29 p.m. by City Hall to turn on electric.

May 7, 2018:

Electric personnel were dispatched at 5:11 a.m. to 816 Maple St. due to a power outage. The outage lasted forty five minutes and affected five customers. The outage was due to an animal getting into the electric wires and blowing a fuse. The personnel replaced the fuse.

May 7, 2018:

Electric personnel were dispatched at 10:30 p.m. to V330 Road 13 due to a power outage. The outage lasted forty five minutes and affected one customer. The outage was due to an animal getting into the electric wires and blowing a fuse. The personnel replaced the fuse.

May 15, 2018:

Electric personnel were dispatched at 2:11 a.m. to 11736 County Road L due to a power outage. The outage lasted one hour and affected four customers. The outage was due to an animal getting into the electric wires and blowing a fuse. The personnel replaced the fuse.

May 16, 2018:

One employee was dispatched at 5:07 a.m. to 86 Valleybrook Ln. due to a power outage. The outage was due to the main breaker in the house panel needed replaced.

May 27, 2018:

One employee was dispatched at 8:13 a.m. to 108 & T1 to inspect a broken pole.

May 28, 2018:

One employee was dispatched at 1:37 p.m. to 223 Garden St. due to a power outage. The outage lasted forty five minutes and affected eight customers. The outage was due to an animal getting into the electric wires and blowing a fuse. The personnel replaced the fuse.

May 30, 2018:

Electric personnel were dispatched at 5:00 p.m. to County Road P east of 8 due to a power outage. The outage lasted two hours and affected seven customers. The outage was due to a tree limb that burnt down a primary wire. The personnel spliced a wire back together.

May 30, 2018:

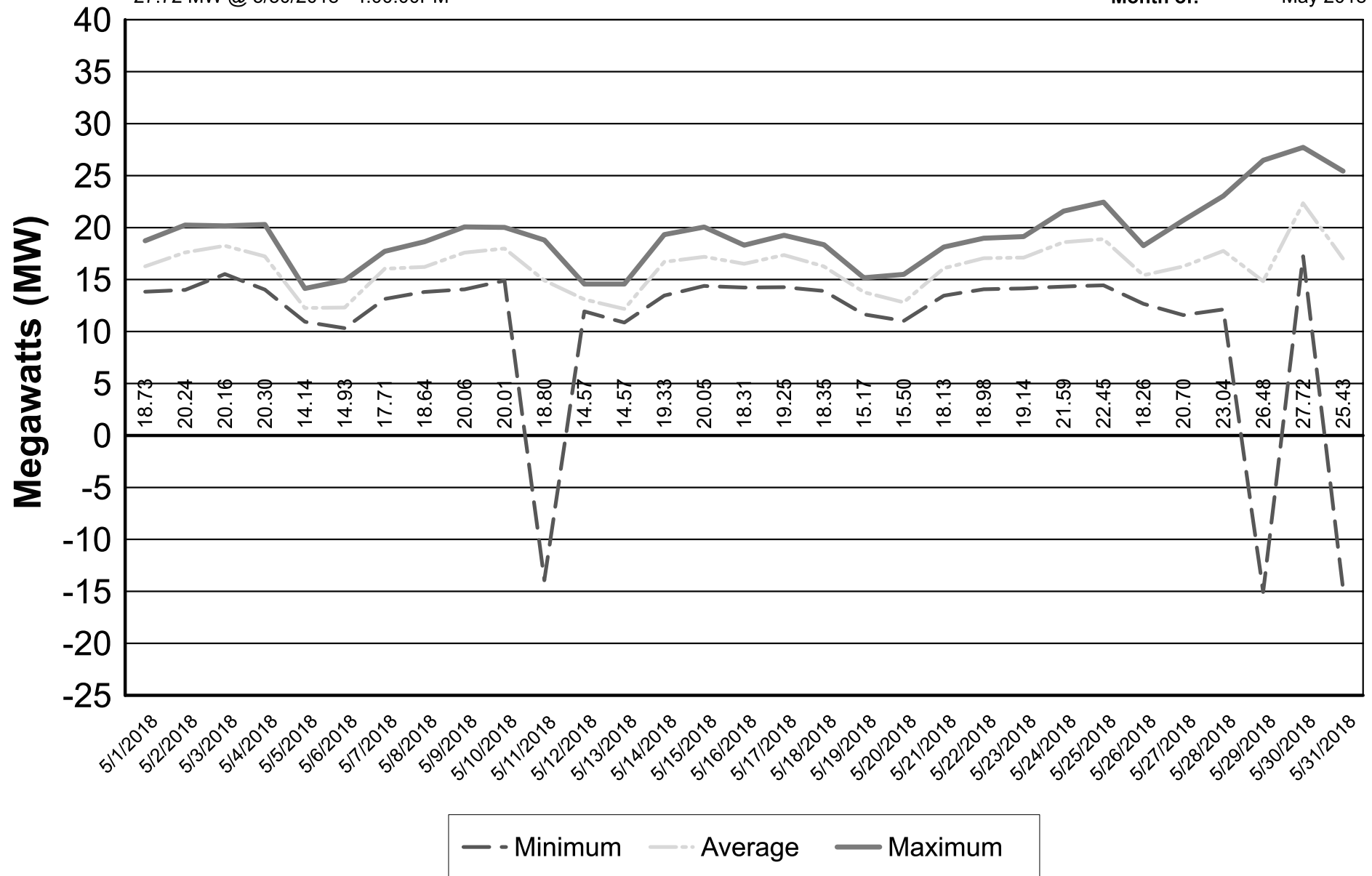
Electric personnel were dispatched at 5:41 p.m. to county Road 13 & V due to a power outage. The outage lasted two hours and forty one minutes and affected nine customers. The outage was due to lightning that blew an arrestor. The personnel replaced the arrestor.

Napoleon Power & Light

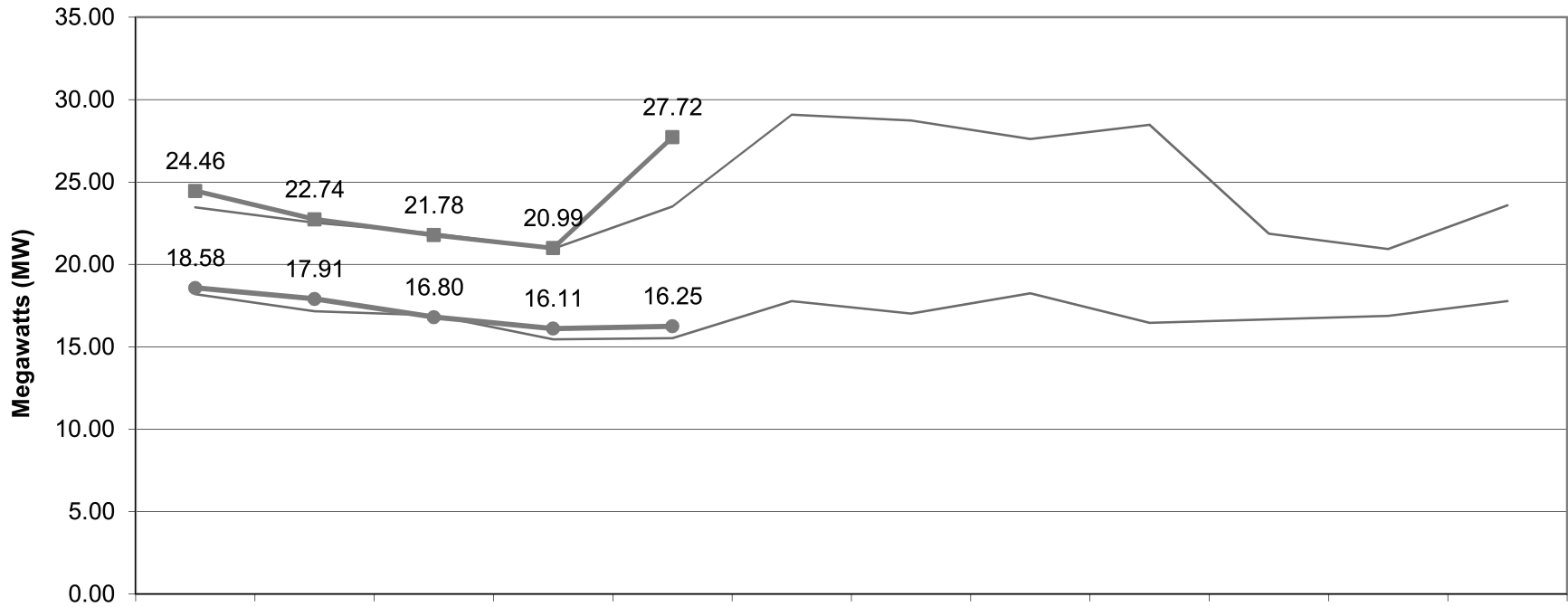
System Load

Peak Load:
27.72 MW @ 5/30/2018 4:00:00PM

Month of: May 2018



NAPOLEON POWER & LIGHT

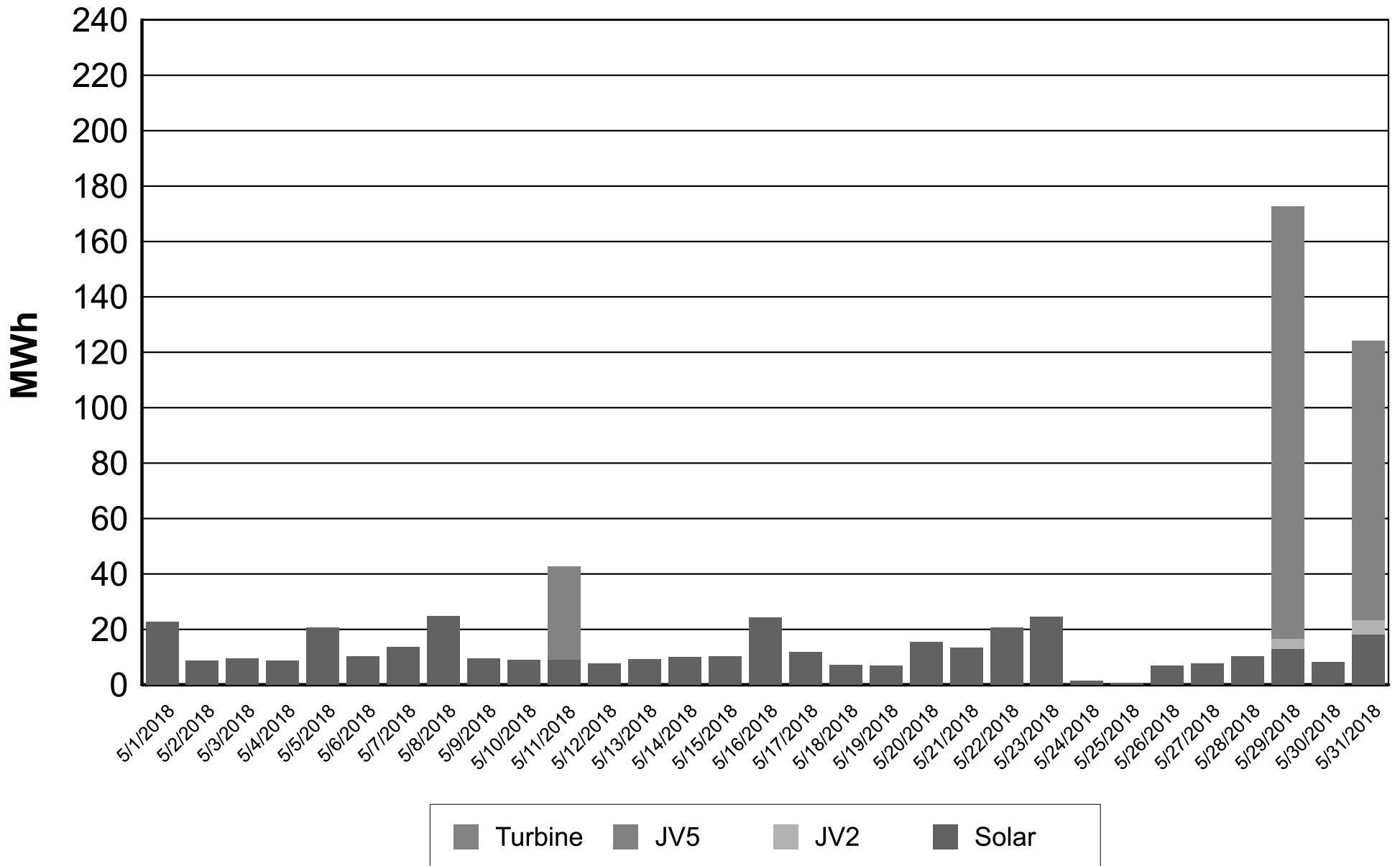


	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1/1/2018	2/1/2018	3/1/2018	4/1/2018	5/1/2018	6/1/2018	7/1/2018	8/1/2018	9/1/2018	10/1/2018	11/1/2018	12/1/2018
— 2017 MAX	23.47	22.54	21.89	20.95	23.51	29.08	28.73	27.61	28.47	21.87	20.94	23.58
— 2017 AVG	18.20	17.15	16.91	15.45	15.53	17.78	17.01	18.24	16.45	16.66	16.87	17.77
■ 2018 MAX	24.46	22.74	21.78	20.99	27.72							
● 2018 AVG	18.58	17.91	16.80	16.11	16.25							

— 2017 MAX — 2017 AVG ■ 2018 MAX ● 2018 AVG

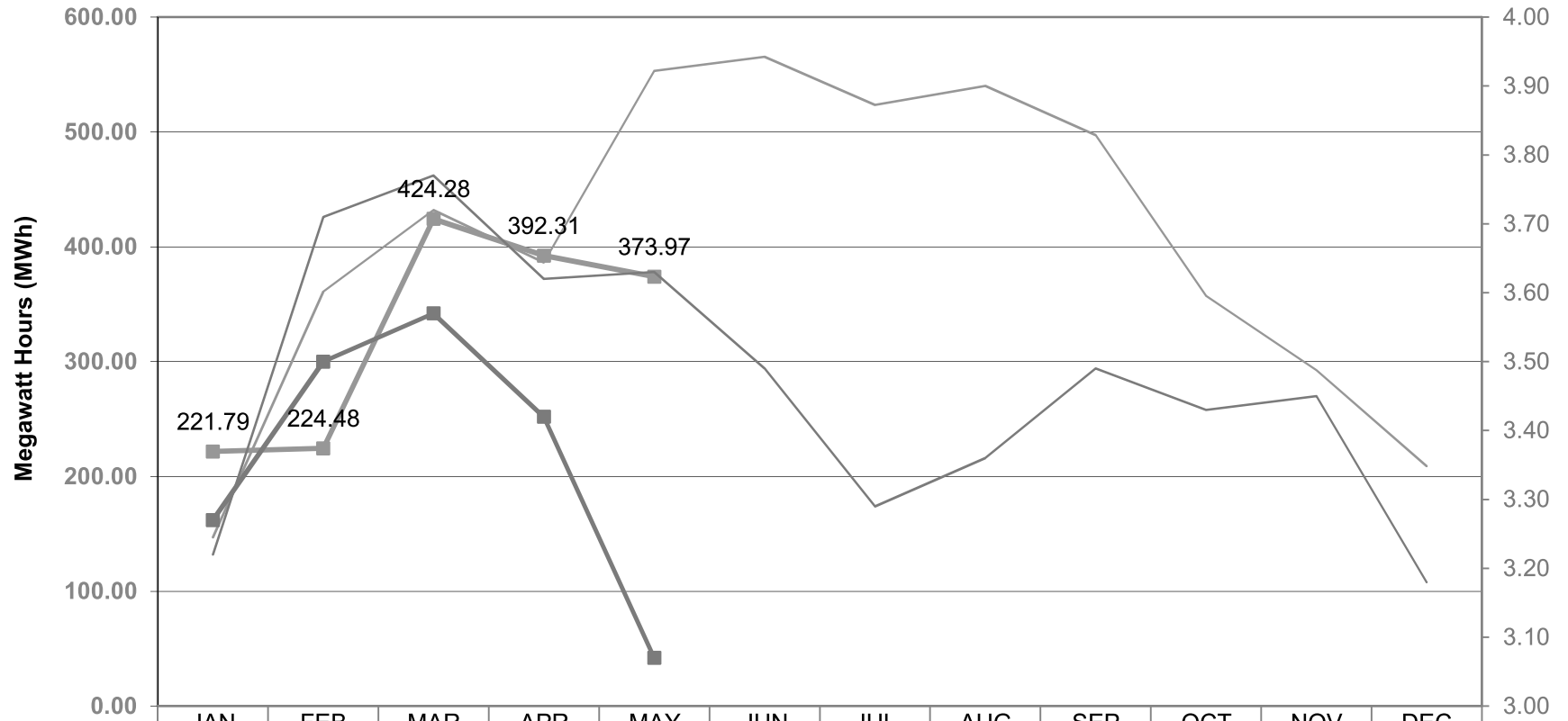
Napoleon Power & Light

Daily Generation Output



NAPOLEON POWER & LIGHT

Solar Field Output Trend

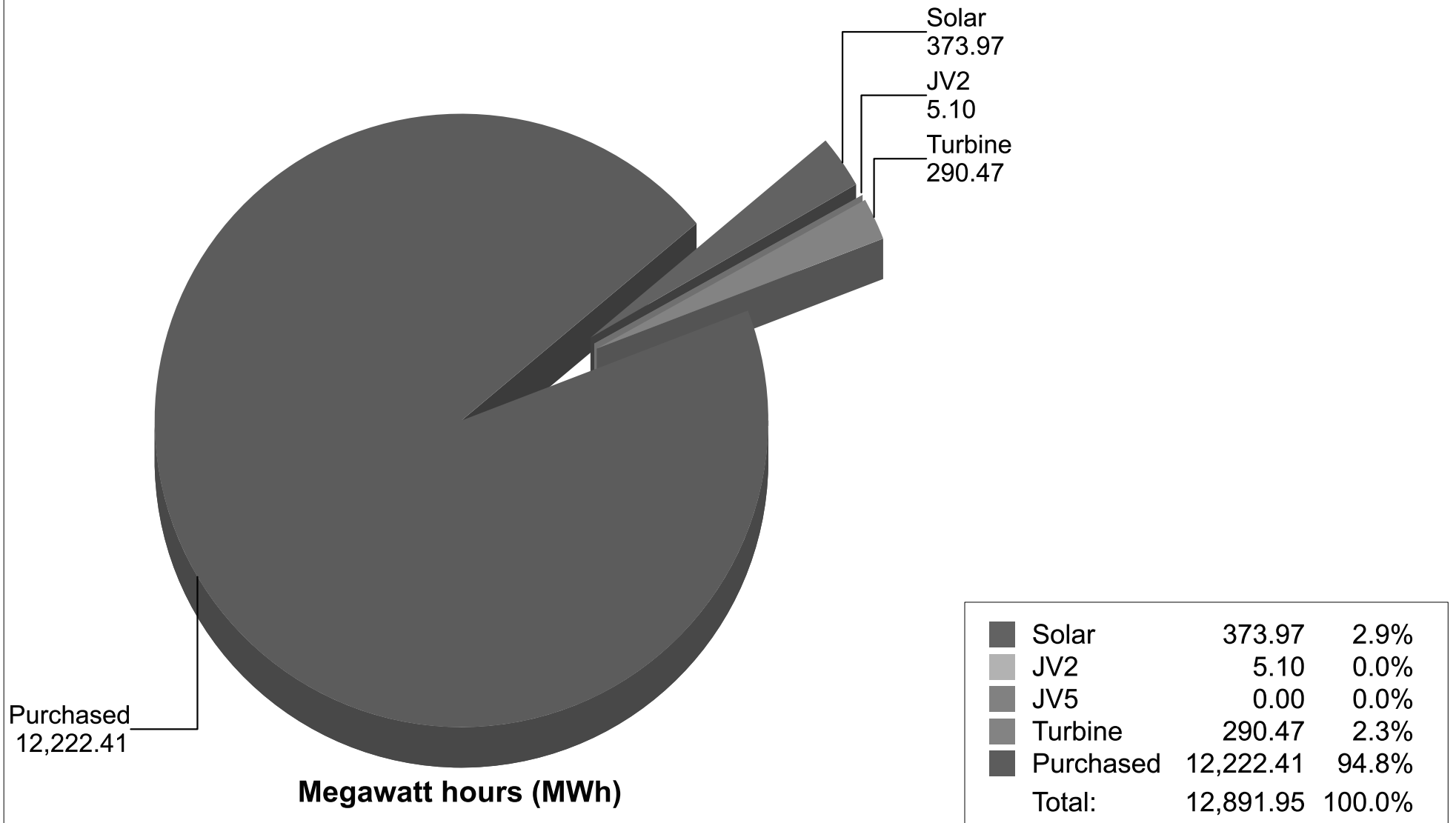


	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
— 2017 MWh	146.99	360.92	432.07	386.27	553.08	565.44	523.55	540.21	497.27	357.21	292.51	208.94
■ 2018 MWh	221.79	224.48	424.28	392.31	373.97							
— 2017 PEAK	3.22	3.71	3.77	3.62	3.63	3.49	3.29	3.36	3.49	3.43	3.45	3.18
■ 2018 PEAK	3.27	3.50	3.57	3.42	3.07							

Napoleon Power & Light

Power Portfolio

May 2018



City of Napoleon, Ohio

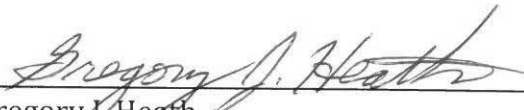
BOARD OF PUBLIC AFFAIRS

Amended Meeting Agenda

Monday, June 11, 2018 at 6:15 pm

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

- 1) Approval of Minutes: May 14, 2018 *(In the absence of any objections or corrections, the Minutes shall stand approved).*
- 2) Review/Approval of the Power Supply Cost Adjustment Factor for June 2018:
PSCAF – three (3) month averaged factor \$0.01495, JV2 \$0.033772, and
JV5 \$0.033772
- 3) Status of Transmission Ownership.
- 4) Efficiency Smart Program Update.
- 5) Electric Department Reports.
- 6) Long Term Control Plan (LTCP) Update.
- 7) Update on Integrated Planning.
- 8) Refuse and Recycling Updates.
- 9) Any other matters to come before the Board.
- 10) Adjournment.



Gregory J. Heath
Finance Director/Clerk of Council

Mazur reported Council has passed legislation to enter into an agreement with AMP. We did a purchase order for VanNess Feldman, the law firm doing the third party review, once they have completed their review, the City Law Director will do his review. I would like to have a closing date, if not have the transaction closed, by the time this Board and Committee meets in June. NERC's timeline is now in the hands of AMP.

Electric Distribution Superintendent Clapp reported there were only four outages and callouts for the month of April. All new switches have been put in and concrete was put in at the base of the structures at Industrial Substation, we now have all switches changed out for the 69kv loop feed backup. A solar output trend graph has been added to the reports, Todd Wachtman put the graph together that starts when the solar field began in 2012 and goes up to now. We applied to APPA to become an RP3 community. RP3 focuses on reliability, safety, work force development and system improvements. Dr. Cordes asked what the advantage is of being an RP3 community? Mazur responded, reliability is important to businesses.

6:40 pm – Sheaffer arrived.

DeWit noted, we have been reliable for a long time, we have been cutting down trees and we have more backup generation than we can use.

Clapp said the City received a certificate from APPA for Excellence in Reliability.

Prigge asked if AMP approved paying off the solar loan early. Mazur replied, we have legislation before Council now, the AMP Board heard and approved the concept, it will be officially approved at either this month or next month's board meeting.

Motion: DeWit Second: Prigge
to adjourn the BOPA meeting at 6:45 pm.

Roll call vote on the above motion:
Yea- Dr. Cordes, Prigge, DeWit
Nay-

Dr. David Cordes - Chair

June 11, 2018

City of Napoleon, Ohio

WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE
MEETING AGENDA

Monday, June 11, 2018 at 7:00 pm

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

- 1) Approval of Minutes: March 12, 2018. (In the absence of any objections or corrections, the Minutes shall stand approved).
- 2) Long Term Control Plan (LTCP) Update.
- 3) Update on Integrated Planning.
- 4) Refuse and Recycling Updates.
- 5) Any other matters currently assigned to the Committee.
- 6) Adjournment.



Gregory J. Heath
Finance Director/Clerk of Council

WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE

Meeting Minutes

Monday, March 12, 2018 at 7:00 pm

PRESENT

Committee Members
BOPA Members
City Manager
Finance Director/Clerk of Council
Recorder/Records Clerk
City Staff

Jeff Comadoll-Chair, Jeff Mires-Pro-Tem
Dr. David Cordes, Mike DeWit, Rory Prigge
Joel Mazur
Greg Heath
Roxanne Dietrich
Dave Pike, WWTP Superintendent

ABSENT

Committee Members

Travis Sheaffer, Lori Siclair

Call to Order

Chairman Comadoll called the Water, Sewer, Refuse, Recycling and Litter Committee to order at 7:00 pm.

Approval Minutes

Hearing no objections or corrections, the minutes of February 12, 2018 stand approved as presented.

Cost-Based Billing Structure for Water Customers

Mazur reported they are meeting with the satellite communities on our water system Friday of next week. We will go over the cost-based billing structure, maybe we would do this just for the satellites so we don't have to change our entire billing structure. We are still trying to put the numbers together, it's tough to calculate primary distribution. We could hire Jones & Henry to do a water model but there will be a cost, I recommend we wait until after our meeting on the 23rd, for now we will use our best estimate for primary distribution based off percentage. DeWit said we discussed using capitalization costs only on items of open debt with the exception of the small water tower, we are trying to recoup money that is still outstanding, it has not been accepted. Heath replied that is not reasonable, what happens when debt is issued, you have to have capitalization costs. DeWit said debt would get added into the cost, if you want capitalization costs you have to do that for the whole thing, you are going back to the way of trying to recoup how much money that is being brought in vs. how much money we should be bringing in. The cost-based system is simple you take the total cost to make water including capital, debt, labor and everything incorporated with that with the operating reserve cost built in. Heath said the EPA is pushing asset management plans. DeWit responded that is the benefit of the cost-based system as soon as it is mandated you include the cost in the rate, you do not have to pass a new rate. There would be an advisory board with the City having final control, like we do with the fire contract. Heath recommended having Courtney come in and do a rate review study. Cordes said if the other communities are satisfied at what point do you tell Liberty Center we will try to part as friends, we cannot have the citizens of Napoleon paying a higher percentage. DeWit said if we are going to give them a number we are going to make our best shot at a number

Water Rate Review Study

**Motion for Rate Review
Study by Courtney & Assoc.
Starting June 2018**

Passed
Yea-2
Nay-0

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Records Retention: FIN-33 Permanent

Digester Cleaning at the Wastewater Treatment Plant

Pike, the WWTP Superintendent explained, funds are allocated in the 2018 budget to clean the secondary digester. We will be rehabbing the plant within the next two years with the digester included in the rehab. I cannot justify spending \$250,000 to have the work done this year and turning around and doing the work again in two years and paying another \$250,000. Mazur said our hope is to keep the digesters running another year or two without cleaning and keep this item in the budget, when the Digester is rehabbed, it will have to be cleaned it out. Pike said it is my understanding the digester has not been cleaned out since 2003, it is recommended that it be cleaned every five years. In the last five years, we have put a lot of money into the sludge press, in 2017 \$6,000 was spent to keep it operating and already this year we have spent \$800 on the sludge press. Mazur stated the money will not be spent this year unless we get in a bind, it is our recommendation to clean out the digesters as part of the plant rehab and use the money for the sludge presses.

Motion to Adjourn

Motion: Mires Second: Comadoll
to adjourn the Water, Sewer, Refuse, Recycling & Litter Committee meeting at
pm. 8:09 pm.

Passed
Yea-2
Nay-0

Roll call vote on the above motion:
Yea-Mires, Comadoll
Nay-

Approved:

June 11, 2018

Jeff Comadoll, Chairman

Executive Summary

This Integrative Plan was developed by Stantec Consulting Services Inc. for the City of Napoleon (City) to address long-term maintenance and improvement needs at the Napoleon Wastewater Treatment Plant (WWTP) in the future as part of an integrated effort with the Long-Term Control Plan (LTCP) to effectively manage the City's infrastructure. The City recognized that there has been constant investment in the collection system since the LTCP began in 2005, but due to the restrictive project costs and deadlines of the LTCP there have been no capital improvements to the process systems at the WWTP since 1997. In response, the goal of this plan is to evaluate the current conditions and performance of the WWTP and provide a plan that is logistically and fiscally compatible with the goals of the LTCP, and other City initiatives, that ensures the long-term viability of the WWTP over the next 30 years. Key scope items include a regulatory review of the expected and potential future effluent limits, an existing facility review and performance assessment of the WWTP, an asset management framework to maintain the WWTP, alternative analysis for proposed improvements, and a recommended implementation plan.

Wastewater Treatment Plant and Collection System Overview

The City of Napoleon WWTP was originally constructed in 1958. The collection system is partially combined with combined sewers in the downtown area and separated sewers reaching outward into commercial areas and residential neighborhoods. The WWTP went through expansions in 1981 and 1997 to enhance capacity and improve the effluent quality. In 2010, the 2.5-MG Equalization (EQ) Basin was constructed to provide additional wet weather capacity and an Ultraviolet (UV) disinfection facility with effluent pumping was installed. The current WWTP configuration includes mechanical screening, grit removal, primary sedimentation, bio-towers with solids contact, final clarification, UV disinfection, anaerobic digestion and sludge storage. The design capacity of the WWTP is 2.5-MGD and it can treat a continuous flow of 4.7-MGD. During wet weather events the WWTP can handle up to 40-MGD at the headworks until the EQ Basin is at capacity and 7.5-MGD through the WWTP for short durations.

BASIS OF PLANNING

The critical facilities planning components used to evaluate the current state of the WWTP include equipment age and condition, regulatory requirements, space utilization, system performance, waste composition, biosolids management, asset management and future growth. The components chosen for this analysis are a combination of important factors to the viability of a WWTP and those that are relevant to the City of Napoleon. In addition, general planning objectives based on discussions with WWTP operations personnel include increasing the capacity of the WWTP for higher sustained wet weather flow treatment, explore locations for facility expansion outside the existing flood protection dike, consider a change to Class A biosolids in the future, improved sludge dewatering and enhanced site accessibility for deliveries and maintenance needs.

Treatment Requirements

In general, the WWTP has operated within the effluent limits under their current NPDES permit. However, it is expected that these effluent limits will include more stringent provisions for the removal of Total Phosphorus (TP) and Total Nitrogen (TN) in the future. The current TP limit of 1.0-mg/L is expected to be reduced to 0.7-mg/L in the upcoming NPDES Permit renewal and it is anticipated that future permit cycles will require treatment consistent with Best Available Demonstrated Control Technology (BADCT) requirements or a limit of 0.5-mg/L for TP.

CITY OF NAPOLEON WWTP INTEGRATIVE PLAN

The waste composition coming into the WWTP is expected to change in the next 20 to 30 years as wet weather flow is removed from the system. Additionally, the City of Napoleon is in the process of renovating the Water Treatment Plant (WTP) with a reverse osmosis process and the first phase is expected to come online in 2018. The new WTP will not discharge Lime and Alum Sludge to the WWTP, which will affect sludge characteristics and reduce existing TP reductions at the WWTP, unless additional chemicals are added.

General Condition Assessment

The overall appearance and performance of the WWTP is much better than expected for plants of a similar age, which is testimony to good operations and maintenance practices and the quality of the operations personnel. However, many of the wet stream processes and equipment within the WWTP are nearing or are beyond their useful lives and need maintenance or replacement. There are core process related issues limiting ability to increase capacity within the existing WWTP, such as the undersized Recirculation Pump Station (RPS) wet well and pumps that appear to limit flow through the plant under high flow conditions. In addition, the existing site is relatively small and does not have the available space needed for future improvements to improve effluent quality and enhance capacity unless the flood protection dike, constructed in 1959, is expanded. The dike is original to the facility and requires a thorough inspection to determine its condition. A cursory visual inspection was completed and noted substantial tree growth and rodent holes on the on the dike banks. Any modification to the dike will require regulatory involvement and potentially the requirement for the entire dike to be improved to current design standards.

There is currently no redundancy for the digesters due to the heat exchanger only serving the primary digester and there is no metering of waste sludge. Overall Volatile Solids Reduction (VSR) is sufficient, but the system is due for an inspection and cleaning to determine the maintenance needs. The sludge dewatering equipment area needs HVAC improvements to reduce O&M costs to replace controls due to destructive gases. There are periodic issues with storage space for drying sludge prior to land application due to a combination of the deteriorating performance of the sludge dewatering equipment and the small window for land application disposal each year.

INTEGRATIVE PLANNING ALTERNATIVES

Several alternatives were investigated related to the WWTP location, capacity, headworks improvements, wet stream processes and solids handling alternatives. The decision to renovate, expand or relocate the facility is critical to the long-term viability of the WWTP as it will lock the City into a specific path. Based upon a review of the existing processes, operating conditions, and required isolation distances three (3) general concepts were developed and labeled Option A, Option B, and Option C within the report. Utilizing the Stormwater Management Model (SWMM) developed for the LTCP, hydraulic simulations with increased capacity at the WWTP were analyzed for each option. Based upon modeling, the recommendation is to consider an increase to 7.0-MGD continuous capacity for the WWTP.

Multiple locations for the headworks facility were considered to retain flexibility to expand the WWTP as needed to adhere to future regulatory requirements. The recommendation is to construct the headworks facility outside the existing facility footprint and to the northwest of the EQ Basin. It is important to note that the final selection of the headworks location is critical to the Integrative Plan as it will essentially lock-in the available expansion options in the future.

Six (6) potential wet stream processes were considered including the existing Trickling Filter and Solids Contact Process, Trickling Filters with Activated Sludge (with tertiary filtration), Conventional or Extended Aeration Suspended Growth System, and an Oxidation Ditch System. Based upon the ranking of alternatives, the installation of a new wet

stream process adjacent to the existing WWTP provide the City with a best option to meet the long-term goals of the Integrative Plan and maintain operation and maintenance during construction. The recommended option includes an Oxidation Ditch that will be capable of meeting BADCT effluent limits.

The investigated stabilization methods include Auto Thermophilic Aerobic Digestion (ATAD), Aerobic Digestion, Anaerobic with Dryer, Anaerobic with Composting and Lystek. It is important to note the ultimate decision on sludge stabilization will depend on the sludge generated in the wet stream and all alternatives would utilize existing tanks and systems to various degrees. The recommendation is to retrofit the existing digesters to aerobic for the proposed improvements. However, the City will have the final choice to continue with anaerobic digestion or convert to aerobic.

Alternatives regarding sludge dewatering were evaluated including inclined screw press and continued use of the belt filter presses. Of note, the City performed a pilot test with a skid-mountable inclined screw press in 2017 that produced sludge cake at 32 percent solids content, approximately twice that of the existing belt filter presses.

INTEGRATIVE PLAN PROPOSED PROJECT ALTERNATIVES

It is recommended that a two (2) phase approach will allow the Integrative Plan to evolve based upon current and future effluent limits. The “short-term” improvements are critical improvements geared towards existing assets identified by the Asset Management Plan development and through discussions with WWTP operations personnel. As the plan shifts into the long-term phase, the City will have the opportunity to make an informed decision to select a path that will provide them a solution to meet their long term needs and future water quality regulations.

There are four (4) recommended short-term improvements based upon the critical needs identified by the performance assessment and planning alternatives. The projects may be implemented independently of the long-term planning options and are recommended to be completed within the first five (5) years of the Integrative Plan. A description of the proposed projects is provided in **Table E-1**. Detailed descriptions and cost estimates for each project are provided in the Project Fact Sheets in **Appendix E**.

Table E-1: Proposed Short-Term Planning Projects

Project Name	Major Improvement Description
Project 1 – Headworks Facility, Including Raw Wastewater Pump Station	<ul style="list-style-type: none"> • New Headworks to the north of the existing EQ Basin. • Equipment including screening, grit removal, pumping, dewatering and classification. • Surge Tank adjacent to headworks building to provide flow buffer. • Influent Raw Wastewater Pumping Station, nominally sized for 7.0-MGD. • WWTP Influent Diversion Structure, to divert dry weather flow to new headworks and allow wet weather flow to flow through EQ Basin. • Property acquisition of three (3) residential properties.
Project 2 – Anaerobic Digestion Inspection, Cleaning and Rehabilitation	<ul style="list-style-type: none"> • Inspection of the existing anaerobic digesters. • Cleaning of the secondary digester and storage tank. • Primary digester mixing and transfer pumps, including ancillary equipment. • Sludge process piping improvements.
Project 3 – Sludge Dewatering Improvements	<ul style="list-style-type: none"> • HVAC improvements in Sludge Dewatering Room. • Sludge dewatering equipment improvements. • Sludge storage area improvements.
Project 4 – Asset Management Plan Integration	<ul style="list-style-type: none"> • Yearly maintenance and replacement of equipment based on the Asset Management Inventory Scoring.

CITY OF NAPOLEON WWTP INTEGRATIVE PLAN

The proposed long-term improvement options are based upon the evaluation of the alternatives and discussions with WWTP operations personnel to provide flexibility to consider multiple paths towards the long-term goal of the Integrative Plan. The long-term improvements are intended to be completed Year 6-10 of the Plan and are provided in **Table E-2**. Detailed descriptions and cost estimates for each project are provided in the Project Fact Sheets in **Appendix E**.

Table E-2: Proposed Long-Term Planning Options

Project	Major Improvement Description
Option A-1 Renovate Existing Wet Stream Process (DOES NOT MEET BADCT)	<ul style="list-style-type: none"> • Various improvements to the existing Trickling Filters. • Replacement of the existing RPS. • Addition of Activated Sludge System. • Retrofit two (2) of the existing Final Clarifiers into Primary Clarifiers. • Construct two (2) new Final Clarifiers. • Administration Building converted to sludge dewatering facility. • New Admin/Laboratory Building.
Option A-2 Renovate Existing Wet Stream Process, Incl. Tertiary Filtration	<ul style="list-style-type: none"> • All improvements listed in Option A-1. • Tertiary Filtration, including Equipment and Accessories.
Option B – Replace Wet Stream with Oxidation Ditch (RECOMMENDED)	<ul style="list-style-type: none"> • Oxidation Ditch Wet Stream Process to the northeast of the EQ Basin, RAS system, two (2) 75-foot Final Clarifiers, including piping and appurtenances. • Convert to aerobic digestion. • New Admin/Laboratory Building. • Miscellaneous process piping for EQ drainage and sludge piping. • Existing site demolition including clarifiers, grit detritors, aeration, trickling filters, etc.
Option C – Complete New WWTP Facility	<ul style="list-style-type: none"> • New WWTP Facility, Including UV and Effluent Pumping. • Reroute collection system to new facility. • New flood protection system. • Existing WWTP demolition. • Major property acquisition.

Financial Analysis of Planning Alternatives

A Present Worth Analysis (PWA) was completed for each of the four (4) long-term options and includes estimated costs for critical short-term projects and the projected O&M Costs. A summary of the initial capital costs, O&M costs and total present worth value of each alternative is provided in **Table E-3**.

Table E-3: Projected Present Worth Costs in 2018 Costs

Option	Project Costs (2018 \$\$)			
	Capital Cost	Proposed O&M Cost	O&M Cost Δ	Total Present Worth Cost
Option A-1	\$18,955,000	\$427,000	\$49,000	\$19,448,134
Option A-2	\$22,225,000	\$555,000	\$177,000	\$25,916,150
Option B	\$19,520,000	\$402,500	\$24,500	\$19,336,074
Option C	\$21,700,000	\$402,500	\$24,500	\$21,751,263

Option B is projected at the lowest present worth cost at \$19.3 million. Option A-1 is marginally higher at \$19.4 million, but it does not meet current BADCT requirements. To meet BADCT treatment, Option A-1 would require the addition of tertiary filtration (Option A-2) resulting in the present worth cost of \$25.9 million. The present worth cost of Option C is \$21.7 million. Additional detail- regarding PWA calculations are provided in **Appendix F**.

RECOMMENDED IMPLEMENTATION PLAN

Proposed Project List Overview

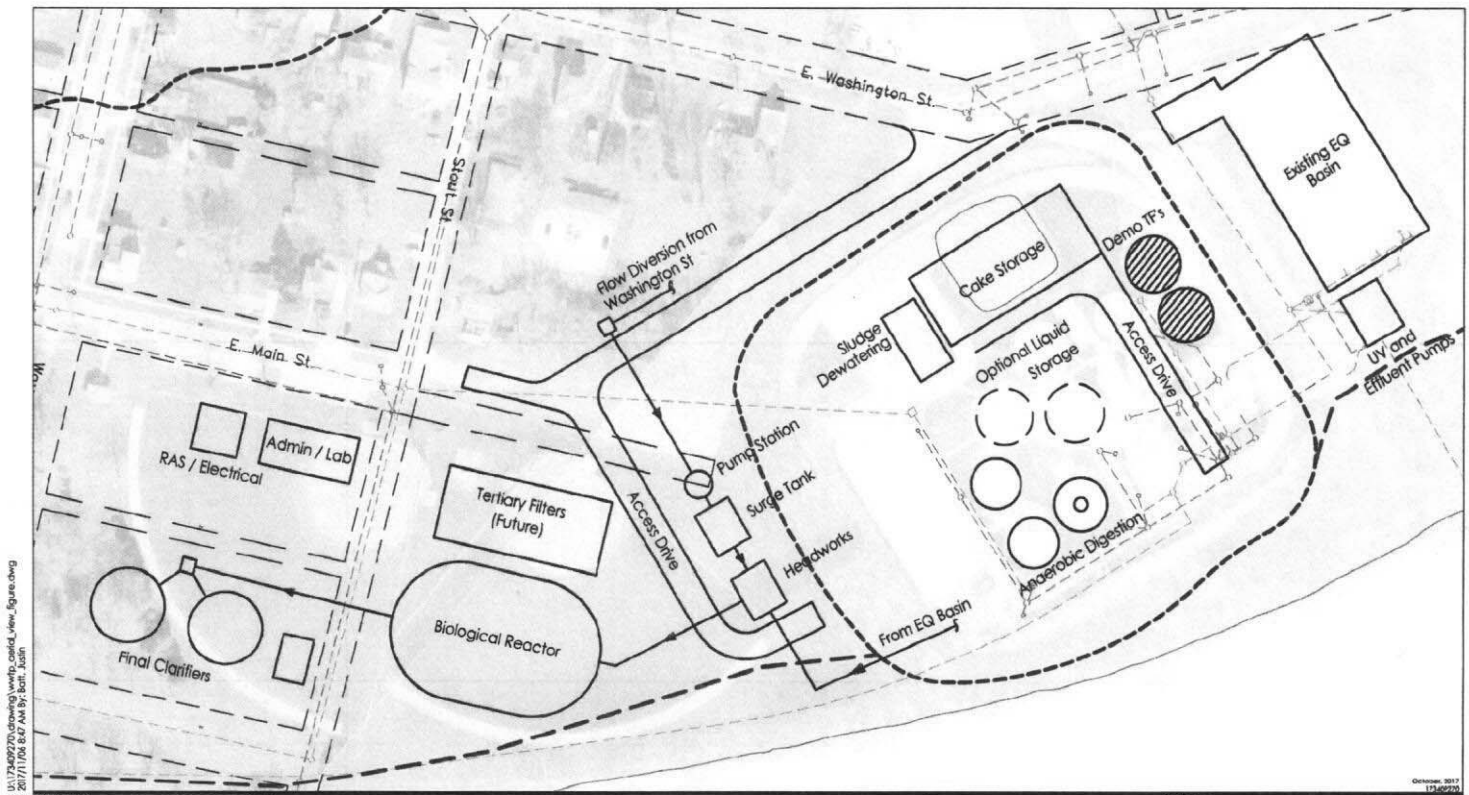
The proposed project list for the Integrative Plan includes the four (4) proposed short-term improvements and Option B from the long-term planning options, based upon the financial analysis. A summary of the project descriptions and costs are provided in **Table E-4**.

Table E-4: Proposed Project List Overview

Project Number	Description	Estimated Cost (2018 \$\$)
1	Headworks Facility, Including New Raw Wastewater Pumping Station	\$4,870,000
2	Anaerobic Digestion Inspection, Cleaning and Rehabilitation	\$1,140,000
3	Sludge Dewatering Improvements	\$840,000
4	Asset Management Implementation (\$200,000 each year in Year 1-5)	\$1,000,000
Option B	WWTP Improvements – Replace Wet Stream Process with Oxidation Ditch	\$11,670,000
Total Initial Capital Cost:		\$19,520,000

Option B provides the City with the ability to operate and maintain the WWTP through future NPDES Permit cycles and flexibility to adapt to future regulatory requirements. While the financial analysis places Option A-1 is second, it does not meet BADCT requirements, and the anticipated future effluent limit reductions and is not recommended.

While the proposed capital investment is significant when considering the other improvement initiatives within the City, the increase in WWTP capacity to a continuous treatment of 7.0-MGD may also allow the City to reduce project costs related to the LTCP. The proposed implementation schedule for the Integrative Plan is provided in **Figure 13** and outlines the recommended project phasing based upon expected design and construction timing, as well as coordination with planned LTCP costs.



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October, 2017
17340270



4540 Heatherdowns Boulevard, Suite A
Toledo OH
www.stantec.com

Legend



Notes

Q(DF) = 2.5 MGD
Q(PF) = 10.0 MGD

Client/Project
CITY OF NAPOLEON
NAPOLEON WWTP
INTEGRATIVE PLAN

Figure No.
Option A

Title
WWTP Aerial View
Proposed New WWTP Alternative

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20/11/2016 1:00 AM by Bob Smith

ORIGINAL SHEET - A-101



4540 Heatherdowns Boulevard, Suite A
Toledo OH
www.stantec.com

Legend



Notes

Q(DF) = 2.5 MGD
Q(PF) = 10.0 MGD

Client/Project

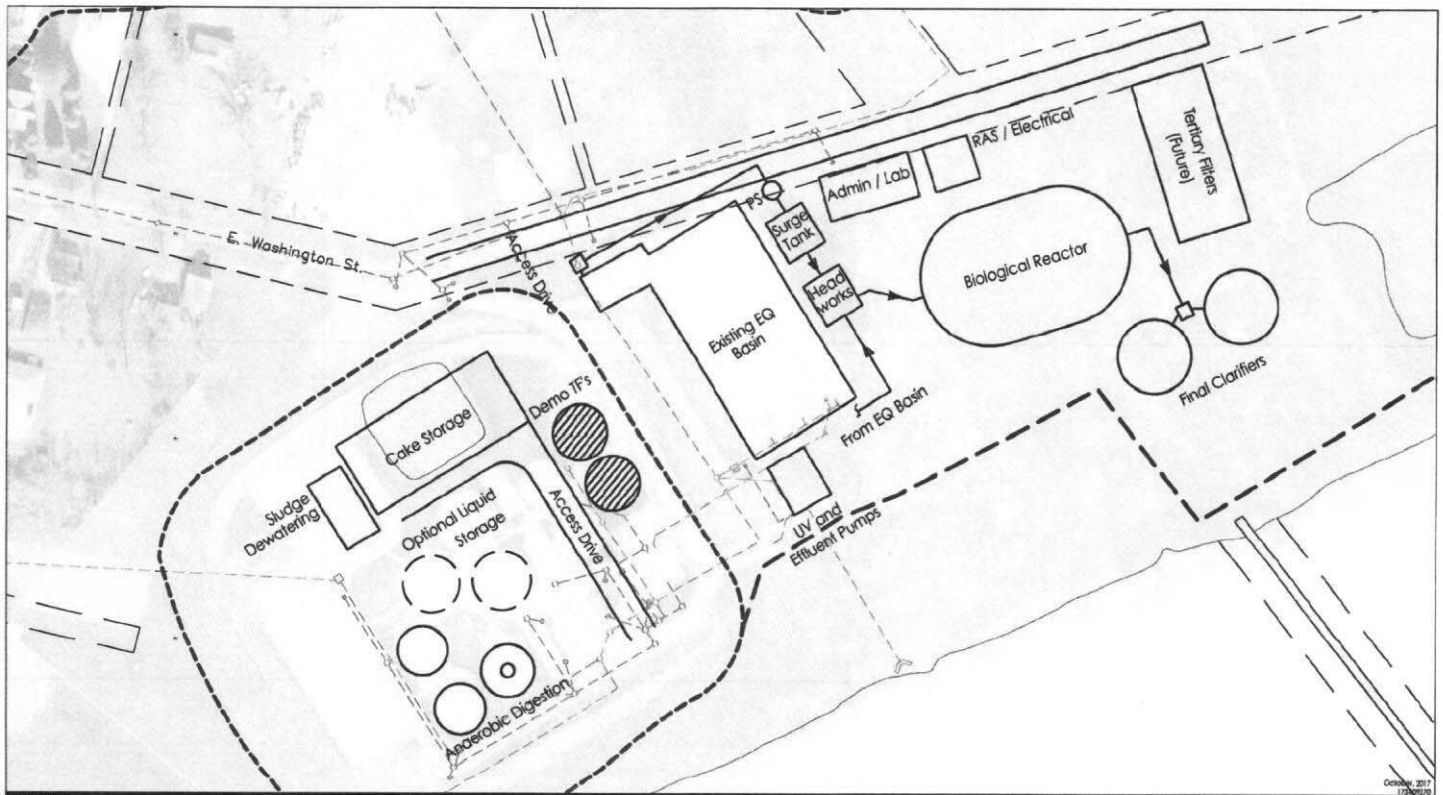
CITY OF NAPOLEON
NAPOLEON WWTP
INTEGRATIVE PLAN

Figure No.

Option 8

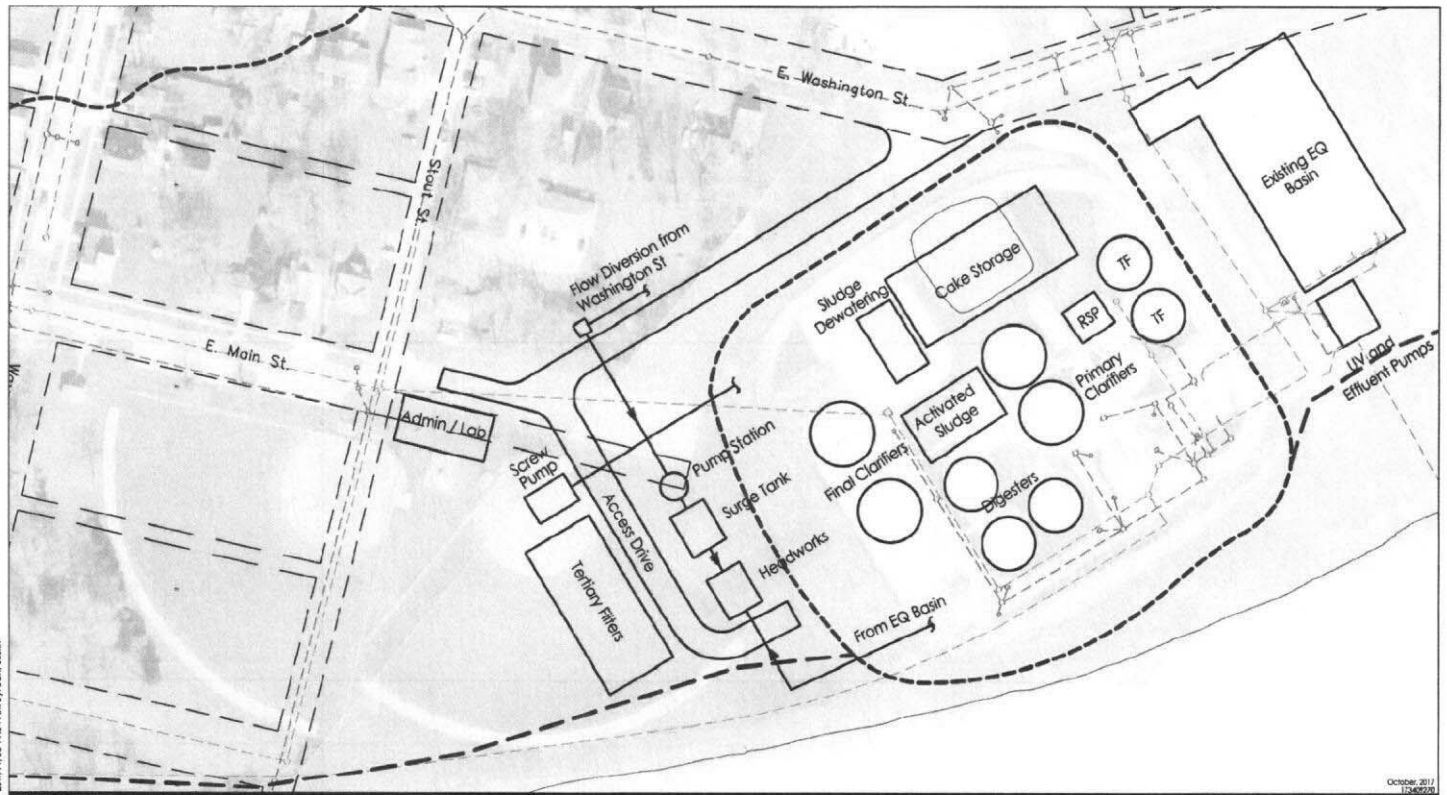
Title

WWTP Aerial View
Proposed New WWTP Alternative



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Legend



Notes

Q(DF) = 2.5 MGD
 Q(PF) = 6.0 MGD

Client/Project

CITY OF NAPOLEON
 NAPOLEON WWTP
 INTEGRATIVE PLAN

Figure No.

Option C

Title

WWTP Aerial View
 Proposed New WWTP Alternative

City of Napoleon, Ohio


**MUNICIPAL PROPERTIES, BUILDINGS, LAND USE, AND ECONOMIC DEVELOPMENT
COMMITTEE**

MEETING AGENDA

Monday, June 11, 2018 at 7:30 pm

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

- 1) Approval of Minutes: *(In the absence of any objections or corrections, the Minutes shall stand approved)*
- 2) Discussion on Project Schedules.
- 3) Master Plan Update.
- 4) Any other matters currently assigned to the Committee.
- 5) Adjournment.



Gregory J. Heath
Finance Director/Clerk of Council

MUNICIPAL PROPERTIES, BUILDINGS, LAND USE, AND ECONOMIC DEVELOPMENT COMMITTEE

MEETING MINUTES

Monday, May 14, 2018 at 7:00 PM

PRESENT

Members:

City Manager

Finance Director/Clerk

City Law Director

Recorder/Records Clerk

Others

Lori Siclair-Chair, Jeff Mires, Travis Sheaffer (pro-tem)

Joel L. Mazur

Gregory J. Heath

Billy D. Harmon

Roxanne Dietrich

Northwest Signal, Bob Weitzel, Doug Herman, Joel Miller, Charlie Schroeder,
Ellie Cichocki

ABSENT

Committee Members

Jason P. Maassel, Joe Bialorucki

Call to Order

Chairman Siclair called the Municipal Properties, Building, Land Use and Economic Development Committee meeting to order at 7:00 pm.

Approval of Minutes

Hearing no objections or corrections, the minutes from the March 12, 2018 meeting stand approved as presented.

Disposal of Excess

Property (Land) in the City

Mazur reported there was interest in the 7-acre piece of property the City owns off of Commerce Drive near the railroad property, but that fell through. Mazur informed the committee any land deal or transaction that may come about, is usually run through the CIC. Other properties the City has includes a 2-acre parcel on Riverview, the parcel on Commerce, the 16.5 acres where the WTP was going to go, there is the 1.5 acres where Roundhouse Road was to go and there are a few more parcels over by World Class Collusion.

Designated (Napoleon) Outdoor Refreshment Areas

Mazur stated the draft application I put together for a Designated Outdoor Refreshment Area (DORA) was included in your packet. The state allows cities to enact legislation to establish designated outdoor refreshment areas (DORA). The state statute says municipalities with a population under 35,000 can have one outdoor refreshment area and it can be no more than 150 contiguous acres in size. Mazur said he has been doing research and visited Toledo, who has a DORA in the uptown and downtown districts, and talked to some business owners. The businesses said initially they saw an increase in business by about 15%, that has now leveled off to about 5%. The owners said DORA has had a positive impact on the downtown area, they did run across an issue of some businesses not having garbage cans and people were taking their garbage to places that had garbage cans. Drinks can only be served inside and once you take your drink outside you cannot re-enter an establishment with your drink. The businesses put together an informational pamphlet that has a map with a list of businesses, the DORA rules, and a picture of what the cup

Comments

looks like. Every application has to have a public safety plan. I spoke with Chief Mack and he has very little concern about this, it will be more about educating, there will be responsibility on the liquor permit holders' part. The first year we will do a review at least four times to see if there is an increase in calls or other incidents, there is a requirement to review the DORA at least once every five years. We will be proposing that all permit holders have trash receptacles at their main entrances so there are not any trash issues, the City will continue to do street sweeping and maintain trash cans. A letter of support was received from Napoleon Alive, of the signatures received, some are liquor permit holders and some are not. The plan is to take the application to Council at the May 21st meeting and have legislation presented at the June 4th, June 18th, and July 2nd meetings. If passed, the application has to be submitted to the state and the state will issue notices to all the liquor permit holders within the DORA.

Sheaffer said he is in favor of the DORA.

Mires asked who is in charge of designing and purchasing the cups and brochures. Mazur replied the establishment owners design and purchase the cups and brochures.

Joel Miller from the Henry County Chamber said legislature is currently looking at allowing DORA to include an area that has a separate permit, we have to have a temporary permit for the Ribfest, it is a violation if anyone was to come inside the fence with a cup. You cannot leave Ribfest with can of beer and go into Eddie J's.

Resident Bob Weitzel said he is in support of DORA it just takes a little learning is all. Downtowns are changing in nature all across the country.

Doug Herman – owner of Eddie J's Grill said he was cautious when it was first brought to his attention. He went up to Toledo with Joel and Councilman Bialorucki and in talking to different business owners, the one word they kept using was "unfounded" they said all their concerns were unfounded, the only issue brought up was about the trash cans and how often they needed to be dumped. DORA will be much broader than we initially realized and that is why it will be good for Napoleon and the community. NORA allows potential for the Pocket Park, events like the Arts Council Ladies Night or other events. People in my restaurant want corn hole outside, I know they would take drinks outside which is a violation of my liquor permit. The Carnahans, owners of the The Lumberyard Winery were talking that it would be nice to create a corn hole league where people could go from place-to-place. In Toledo, they told us 95% of the customers still sit there, it is the feeling of freedom that if they wanted to go outside and take their drink with them, they could. We are trying to attract people to our community, we are trying to attract and retain businesses and create a more vibrant downtown, you would see a much broader interest than just taking a drink outside this goes beyond businesses with a liquor license, I encourage you to act as quickly as possible.

Charlie Schroeder – a Michigan resident who is the property manager for Tonjes Rentals and is working on a house to relocate here said he talked to both businesses and residents and they were overwhelmingly in support of the DORA.

Motion to Recommend Council Proceed with DORA

**Passed
Yea-3
Nay-0**

Discussion

Motion to Direct Law Director to Draft Legislation

Passed
Yea-3
Nay-0

Ellie Cichocki – I live here in Napoleon just across the river, my two cents is, I thought it was a done deal with the sidewalk expansion, during the CASA event last Fall I was walking around town with my glass, I thought it was already here, whatever we need to do to make this happen, I can feel the energy let's keep it going, I think DORA would draw people to our town. Sheaffer replied, that is why we voted to move forward and have legislation for next Monday.

**Section 505.14 of the
Codified Ordinances
(Dangerous and Vicious
Dogs)**

Harmon stated in 2012 the legislature changed the definition of vicious dogs, the City's definition is not the same as the state law, the 3rd Appellate District and case law. ASPCA and other animal right groups have contacted me letting me know the City's definition is wrong, this is a cleanup issue.

Motion to Amend Section 505.14

Motion: Sheaffer Second: Mires
to recommend Council approve amending Section 505.14 of the Codified Ordinances to be in compliance.

Roll call vote on the above motion:
Yea-Mires, Siclair, Sheaffer
Nay-

None.

Motion: Mires Second: Sheaffer
to adjourn the Municipal Properties, Building, Land Use and Economic
Development Committee meeting.

Roll call vote on the above motion:
Yea-Mires, Siclair, Sheaffer
Nay-

The Municipal Properties, Building, Land Use and Economic Development Meeting was adjourned at 7:53 pm.

Lori Sicliar - Chair

Lori Sicliar - Chair

City of Napoleon, Ohio

RECORDS COMMISSION

Meeting Agenda

Tuesday, June 12, 2018 at 4:00 pm

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

- 1) Approval of Minutes *(In the absence of any objections or corrections, the Minutes shall stand approved).*
- 2) Review of Records Retention Schedules.
- 3) Any other matters to come before the Commission.
- 4) Adjournment.



Gregory J. Heath
Finance Director/Clerk of Council

Meeting Minutes
Tuesday, June 13, 2017 at 4:00 pm

Motion to Adjourn

Motion: Harmon

Second: Herman

To adjourn the Records Commission meeting at 4:14 pm.

Passed

Yea-4

Nay-0

Roll call vote on the above motion:

Yea-Heath, Mazur, Harmon, Herman

Nay-

Date Approved

June 12, 2018

DRAFT



City of Napoleon, Ohio

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

Memorandum

To: Board of Zoning Appeals, City Council, Mayor, City
Law Director, City Manager, Department
Supervisors, Newsmedia
From: Gregory J. Heath, Finance Director/Clerk of Council *GJH*
cc:
Date: June 8, 2018
Subject: BZA – Cancellation

The regularly scheduled meeting of the Board of Zoning Appeals set for Tuesday, June 12, 2018 at 4:30 pm has been CANCELED due to lack of agenda items.



City of Napoleon, Ohio

255 West Riverview Avenue, P.O. Box 151

Napoleon, OH 43545

Telephone: (419) 592-4010 Fax: (419) 599-8393

www.napoleonohio.com

Memorandum

To: *Planning Commission, City Council, Mayor, City
Law Director, City Manager, Department
Supervisors, Newsmedia*

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

cc:

Date: *June 08, 2018*

Subject: *Planning Commission – Cancellation*

The regularly scheduled meeting of the Planning Commission for Tuesday, June 12, 2018 at 5:00 pm has been CANCELED due to lack of agenda items.



City of NAPOLEON, Ohio

Operations Department

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

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

Press Release

MOSQUITO SPRAYING PROGRAM

The City of Napoleon will be starting its annual Mosquito Spraying Program the week of June 5, 2018 and will continue through the months of June, July, August and later, if needed.

The schedule will be as follows unless any of the following conditions exist: (1) winds are over 10 mph; (2) it is raining; or (3) the temperature is below 60 degrees:

- Tuesday evening - the areas south of Woodlawn and west of Webster.
- Wednesday evening - the areas north of Woodlawn and west of Oakwood, including Maple, Fillmore, Shelby, Hobson, Monroe and E. Clinton Streets.
- Thursday evening - all of the south side of the river, East Riverdowns and east of Oakwood.

The City will be spraying an odorless, fast acting, low toxicity chemical; however, individuals with respiratory problems may want to close their doors and windows. Spraying each evening will begin at approximately 8:00 p.m.

Any questions regarding this matter should be directed to the City of Napoleon Operations Department at 419-599-1891.





Napoleon Parks and Recreation

Fourth of July Celebration

2018

Monday, July 2:

12:00 p.m. - 9:00 p.m.

Hole In One Contest - sponsored by the Napoleon American Legion. Any person scoring a hole-in-one will receive \$1,000 compliments of the American Legion. (Two or more winners shall split the prize). Gift certificates will be awarded daily to persons closest to the pin. Located near wooden shelterhouse at Glenwood Park.

10:00 am – 8:00 p.m.

3 on 3 Basketball Tournament – Glenwood Park

Age groups – 13- 15 (boys and girls) 10:00 a.m. start

Open Division 5:00 p.m. start

Teams shall consist of a maximum of four (4) players.

Double elimination format. \$20.00 entry fee per team.

Trophies and shirts awarded to winners. Registration deadline is Friday, June 29th.



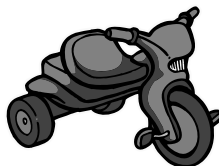
Tuesday, July 3:

12:00 p.m. - 9:00 p.m.

Hole In One Contest - sponsored by the Napoleon American Legion. Located near wooden shelter house at Glenwood Park.

6:00 p.m. – 8:00 p.m.

Big Wheel Race - Oakwood Park parking lot. Age groups for those 7 and under. Prizes for winners. Register at the site.



Wednesday, July 4:

8:00 a.m.

Red, White, and Blue Golf Scramble – Golf Course

This is a unique 4 person scramble where teams play from the red, white, and blue tees. Prizes will be awarded to winning teams as well as individual awards for closest to the pin, long drive, and longest putt. Entry fee will be \$100.00 per team (10 team minimum). Contact the clubhouse at 592-5526 to enter your team or for more information.



9:00 a.m. - 6:00 p.m.

Hole-In-One Contest - Glenwood Park

9:00 a.m. - 1:00 p.m.

Basketball Hotshot Contest - Glenwood Park Basketball Court. Boys and Girls age groups are 9-12, 13-15, and 16-18. Registration at 9:00 a.m. with competition to begin at 9:30 a.m. Trophies to winners in each age group

10:00 a.m. - 6:00 p.m.

Free Open Swim at the Napoleon Municipal Pool



BE SURE TO VISIT OUR FOOD VENDORS



11:00 a.m. **Girls Softball All-Star Game** - All Stars from the Girls Softball program to compete – Napoleon High School softball field

12:00 p.m. **Chicken Barbecue** - located inside at the American Legion. Chicken dinners and bratwurst sandwiches. Eat in or carry-outs available. Outside beverage stand also open at 11:00 a.m.

1:00 p.m. **Junior Little League All-Star Game** – Glenwood Park.

2:00 - 3:00 p.m. **Kids Games at the Municipal Pool** - prizes and candy donated by the American Legion.

5:00 p.m. **Sr. Little League Baseball All-Star Game** – Glenwood Park



7:00 – 8:00 p.m. **Live Music – featuring Dave Grahn Live.** Acoustic guitar performance playing hits of the 60s, 70s, & 80s. Glenwood Park

8:00 p.m. **Napoleon Community Band** - Glenwood Park
Local instrumental band playing all of the traditional Independence Day music leading up to the fireworks display.

10:00 p.m. **Fireworks Display** - Glenwood Park
(There will be no parking on Bales Road from Briarheath Dr. to Chelsea Ave. and on Briarheath Dr. from Kenilworth to Bales Road)





Wild week for prices in PJM

By Mike Migliore - vice president of power supply planning

The hot and humid weather experienced in Ohio over the last few days seemed to take PJM by surprise. For May 29-31, PJM under forecasted the load in ATSI, Dayton and Duke zones, causing a daily scramble to run higher priced generation to meet the air conditioning needs. For the last three days of May, day-ahead prices in ATSI only exceeded \$100/MWh on Thursday, with a maximum of \$146/MWh at 5 p.m. Similar, but slightly lower, prices were seen in other zones.

The real-time market was a different story. As load rose on Tuesday, real-time prices in ATSI exceeded \$300/MWh for 8 hours, from 11 a.m. to 7 p.m., with a maximum of \$564/MWh at 3 p.m. Prices in AEP-Virginia peaked at \$215/MWh for the day.

Wednesday's load was not quite as high, but real-time prices in ATSI still topped \$125/MWh for 6 hours, with a maximum of \$368/MWh at 3 p.m. Prices in AEP-Virginia only got to \$85/MWh for May 30.

Load exceeded expectations again on Thursday. Real-time prices started rising in ATSI at noon and stayed above \$400/MWh until 6 p.m. Prices in AEP peaked around \$200/MWh during the 5 p.m. hour.

On Tuesday and Thursday, AMP issued intra-day transmission peak shaving alerts for ATSI, Dayton and Duke zones. Although loads were the highest for 2018, they did not exceed the 1CP peaks set last year.

White House announces support for coal and nuclear plants

By Jolene Thompson - executive vice president of member services and external affairs/OMEA executive vice president

Lisa McAlister - senior vice president and general counsel for regulatory affairs

This afternoon, the White House offered support for a new memo that states that the closure of coal and nuclear plants is presenting a risk to the grid and national security. The 40-page memo, which was the topic of a discussion at the National Security Council, outlines a plan using federal authorities to require grid operators to buy power from coal and nuclear plants for two years while a more detailed national security study is conducted. The memo argues that fuel security is critical for protecting the grid from disruption by physical or cyber-attacks on pipelines. Certain plant owners and coal companies have been lobbying the Administration for federal support for many months. A previous attempt by U.S. Department of Energy (DOE) Secretary Rick Perry to find a pathway for aide for these plants was voted down unanimously by the Federal Energy Regulatory Commission (FERC). The move is considered by many to be unprecedented and is opposed by a variety of stakeholders and even some members of the Administration's own party, who view such a move as market interference.

AMP opposed the prior efforts by DOE to invoke a rarely-used statutory provision to issue a Notice of Proposed Rulemaking requiring the FERC to provide cost of service recovery to coal and nuclear generation resources that provide resilience benefits to the bulk power system by having a 90-day fuel supply on site, being in compliance with all environmental regulations and not be subject to rate regulation at the local or state level. AMP, along with hundreds of others, opposed the effort. AMP filed initial and

reply comments, and argued that, while more study on the impacts of losing baseload coal and nuclear could be valuable, requiring customers to pay a handful of coal and nuclear generators billions of dollars for an undefined benefit is unjust, unreasonable and contrary to law. AMP also voiced concerns regarding the discriminatory nature of the rule, as it would exclude generation resources like Prairie State who are under a cost-of-service ratemaking structure, as opposed to the competitive market structure elected by the resources that would now get guaranteed cost recovery, but would also allocate the costs of subsidizing eligible resources to load who may already be paying for the same benefits from other generating units, like Prairie State and the hydropower projects.

PJM Interconnection, L.L.C. (PJM) has already released a statement that notes that, although PJM has not received any official document from the DOE, its analysis of the recently announced planned deactivations of certain nuclear plants determined that there "is no immediate threat to system reliability." In fact, PJM avers that the "PJM electrical grid is more reliable than ever" with the May base residual auction securing capacity supplies plus a 23 percent reserve margin through 2021/2022, with "an increase in the amount of coal resource that cleared the market, along with a diverse mix of natural gas generation, nuclear generation, renewable resources, demand response and energy efficiency."

The AMP Board of Trustees will be consulted on this issue and a further update on our position will be provided to members in the coming weeks. In the meantime, if you have any questions regarding this matter, please do not hesitate to contact Jolene Thompson at jthompson@amppartners.org or 614.540.0992, or Lisa McAlister at lmcalister@amppartners.org or 614.540.6400.

AMP to hold second Finance and Accounting Subcommittee webinar

By Joe Regan - member credit compliance analyst

AMP will hold the second, one-hour Finance and Accounting Subcommittee webinar on June 13 at 10 a.m. Participants who RSVP will receive an attendance certificate, which will be emailed shortly after the conclusion of the webinar.

Suzanne Griffin, Certified Treasury Professional and senior vice president with Huntington National Bank, will provide a lecture, titled "Preparing for Uncertainty," which will include a discussion on safeguarding treasury management operations through planning. The webinar will also cover the current risk environment and issues that entities are currently facing; defining the difference between business continuity and disaster recover; treasury management considerations and ideas for developing a treasury management continuity plan.

Participants are asked to RSVP for the webinar by June 11, and can do so by contacting me at jregan2@amppartners.org or 614.540.6913, or Paul Grodecki at pgrodecki@amppartners.org or 614.540.6404. A follow up email containing instructions for accessing the webinar and a copy of the presentation will be sent to those who RSVP.

Delmarva and Duke customers to see increase in transmission rates this June

By Mike Migliore

Delmarva Power and Light

Delmarva Power and Light (DP&L) and ODEC have filed their updated transmission rate that will be in effect starting this June. The rate will increase by 30 percent from \$2.74 kW-month to \$3.57 kW-month.

DP&L's revenue requirement rose by 11 percent, while the 1CP peak load, which is the denominator for the formula rate dropped by 8 percent. Additionally, a true-up charge from last year attributed to \$0.40/kW-mo of the increase. DP&L's formula rate changes mid-year and is based on the previous year's actual costs plus some amount of estimated costs.



Duke Energy

Duke Energy (Duke) filed its updated transmission rate that will be in effect starting this June. The rate will increase from \$1.67 kW-month to \$2.01 kW-month, which is a 20 percent increase. Duke's revenue requirement rose by 14 percent, while the 1CP peak load, which is the denominator for the formula rate,

dropped by slightly more than 5 percent. Duke's rate still changes mid-year and is based mostly on the previous year's actual costs. AMP and its consultants will review the filing to ensure that the numbers in Duke's formula for calculating their rate have been applied correctly.



SEPA Top 10 Awards - Congratulations to Brewster and Bowling Green

By Erin Miller - director of energy policy and sustainability

The Smart Electric Power Alliance (SEPA) recognized the City of Bowling Green Municipal Utilities and the Village Electricity Utility - Brewster for ranking in the Top 10 for annual solar watts-per-customer. SEPA's Top 10 utility rankings are chosen from utilities that participate in SEPA's Annual Utility Market Survey. The 2018 survey covered solar and energy storage, ranking utilities for adding the most megawatts or watts per customer in 2017. AMP submitted survey responses on behalf of the Solar Phase II participating communities.

Adam Ward, vice president of environmental affairs, sustainability and energy policy, accepted the awards on Bowling Green's and Brewster's behalf.

 Utility Solar Rankings Annual Watts-Per-Customer (W/C)		
1	Madison Electric Works (ME) 	1819.6
2	Anza Electric Cooperative (CA)	1455.5
3	Clarksville Light & Water (AR)	1202.1
4	Pickwick Electric Cooperative (TX)	1195.9
5	Moreno Valley Utility (CA)	1188.4
6	City of Bowling Green Municipal Utilities (OH)	938.3
7	Navajo Tribal Utility Authority (AZ)	912.5
8	Village Electric Utility - Brewster (OH)	901.4
9	Nixa Electric Utility (MO)	831.1
10	Asked Not To Be Honored (TX)	719.1

Energy markets update

By Jerry Willman - assistant vice president of energy marketing

The July 2018 natural gas contract increased \$0.06/MMBtu to close at \$2.952 yesterday. The EIA reported an injection of 96 Bcf for the week ending May 25, which was below market expectations of 102

Bcf. The injection was stronger than the 80 Bcf build reported for the same period last year and in-line with the five-year average injection of 97 Bcf.

On-peak power prices for 2018 at AD Hub closed yesterday at \$35.78/MWh, which was \$.18/MWh higher for the week.

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

Week ending June 1

MON	TUE	WED	THU	FRI
\$35.89	\$49.86	\$40.15	\$66.51	\$47.18

Week ending May 25

MON	TUE	WED	THU	FRI
\$40.40	\$40.87	\$43.91	\$45.50	\$48.24

AEP/Dayton 2019 5x16 price as of May 31 — \$35.78

AEP/Dayton 2019 5x16 price as of May 24 — \$35.60

AFEC weekly update

By Jerry Willman

The AMP Fremont Energy Center performed maintenance repairs to CT2 thrust bearing May 25-28, and operated in 1x1 configuration over the holiday weekend. Additionally, the entire plant was offline Sunday for scheduled repairs. The plant was offered into PJM in the day-ahead market for Tuesday as 1x1 operation, but repairs to CT2 were completed early Tuesday morning and the plant operated in 2x1 configuration the remainder of the week. Duct firing operated for 96 hours this week. The plant generated at a 48 percent capacity factor (based on 675 MW rating).

AMP welcomes two new employees

Christopher Bartmess joined AMP on May 30 as a plant operator at the Willow Island Hydro Plant. In this role, Bartmess will function as a control room operator and will assist in starting and stopping units, coordinating unit discharge rates, monitoring equipment and reporting operating information.

Bartmess brings many years of plant operation experience, having previously served as a furnace operator at Armstrong World Industries. He holds an associate degree in applied science: power plant operator and process technician.



Aaron Neville joined AMP on May 16 as part-time help desk specialist and began working full-time on June 1. In his role with AMP, Neville will be responsible for providing IT support to AMP's end user environment. His responsibilities will cover desktops, laptops, mobile devices and other application support.

Prior to joining AMP, Neville served in similar IT roles at Matrix Psychological Services and Kelley Price Technology Solutions. He brings more than 8 years of IT experience. He holds an associate degree in computer science from Columbus State Community College.

Please welcome Chris and Aaron to AMP.



Register now for Webinars

An internet connection and a computer are all you need to educate your staff. Individual webinars are \$99 or sign up for a series at a discounted rate. Register today at www.PublicPower.org under Education & Events. Non-members can enter coupon code **AMP** to receive the member rate.

- Electric Utility 101 Series: Keeping Pace with Utility Trends and Technologies **May 4**
- Rating Agency Webinar Series: Maintaining or Improving Your Utility's Bond Rating **May 22**
- Use Public Power Insurance Data to Improve Your Risk Profile **June 5**

Recorded webinars are also available for purchase. Visit www.PublicPower.org under Shop.



Correction: Encompass advertisement in Amplifier

On page 67 of the April issue of Amplifier - 2018 Annual Services Guide, the Encompass Engineers & Architects advertisement listed the company's old address. Their new address is:

407 West Main Cross Street, Findlay, Ohio.

Classifieds

Members interested in posting classifieds in Update may send a job description with start and end advertisement dates to zhoffman@amppartners.org. There is no charge for this service.

City of Bowling Green seeks applicants for wastewater collection equipment operator

The City of Bowling Green is seeking applicants for the position of wastewater collection equipment operator in the City's Water Distribution and Wastewater Collection Division. This position is responsible for maintaining, repairing and installing municipal sanitary, combination, storm sewers and performing lift station maintenance. This position requires the operation of vac-truck, dump truck, CCTV, excavator, backhoe, jack hammer, tapping machine, air monitor, concrete saw and flow meter; use of hand tools; repair and installation of manholes, catch basins, asphalt and concrete; set up of work zone traffic control; response to after hour calls; performance of other related duties as assigned. Work is performed outdoors and in confined spaces in proximity to sewage; requires night, weekend and holiday work.

Applicants must possess a high school diploma or equivalent; Class A CDL with Tanker Endorsement; OEPA Class I Wastewater Collection Certification or the ability to obtain within two years; one to three years of relevant experience; or any combination of experiences which provides the required skill sets to perform the essential functions of the job. A copy of the job description will be provided to applicants. Qualified persons **must** complete an application, which is available in the Personnel Department of the City of Bowling Green, 304 N. Church St., Bowling Green, OH 43402-2399. The application is also available [here](#). Resumes alone will not be considered. Telephone: 419.354.6200. Fax: 419.352.1262. Email: BGPersonnel@bgohio.org. **The deadline to apply is June 15, 2018, at 4:30 p.m. AA/EEO**

City of Columbus seeks applicants for lamp servicer exam

The City of Columbus Department of Public Utilities is seeking qualified candidates for the position of lamp servicer. To apply, one must first take the open-competitive examination. Applications may be submitted to the Civil Service Commission by applying online at www.csc.columbus.gov by June 1. Applicant tracking is now managed by NEOGOV. If you have submitted a profile in the past, you will have to submit a new one through NEOGOV.

This position will be responsible for maintaining street lighting systems for the Columbus Division of Power. To qualify you must have one year of experience working with energized electrical lines or equipment. Substitution(s): Successful completion of a formal training program in the general principles of electricity or power distribution may substitute for the required experience. Possession of a valid driver's license is required; by the end of probationary period, must possess a valid Class A CDL with air brake endorsement. Salary: \$42,640-\$63,065.60. Please contact the Civil Service Commission at 614.645.8300 with questions. EOE.

Village of Elmore seeks applicants for utility billing clerk

The Village of Elmore is seeking applicants for the position of utility billing clerk. This position will perform routine clerical, accounting, bookkeeping and record retention for the preparation of financial records, reports and documents for the administrator. The position will also include the coordination of office assignments as well as scheduling coordination for the village administrator and other officers of the village.

Applications may be picked up at 340 Clinton St. or resumes dropped off in a sealed envelope at the same address between 7:30 a.m. and 4 p.m., or mailed to P.O. Box 1, Elmore, OH 43416. The deadline to apply for this position is June 7.

AMP has surplus materials available from hydro and gas turbine projects

Combined hydro project surplus materials

AMP has an inventory of leftover construction related items from the hydro plant buildout including backup diesel generators, cable and wiring, conduit, conduit fittings, copper piping and various other electrical and mechanical items. The majority of materials are located at the Smithland Hydro Plant. We are currently making plans to liquidate this surplus material. If any members are interested in potentially purchasing some of the items, the full list of materials can be obtained by emailing Phil Meier at pmeier@ampppartners.org. We respectfully request that all inquiries be submitted no later than June 1.

AMP gas turbine project surplus materials

AMP has surplus materials associated with the AMP CT project including a Frame 5 combustion turbine, generator (associated with the Frame 5), associated inlet and exhaust parts, as well as various other items. The majority of materials are located at the Bowling Green AMP CT plant. We are currently making plans to liquidate this surplus material. If any members are interested in potentially purchasing some of the items, the full list of materials can be obtained by emailing Willey Sandell at wsandell@ampppartners.org. We respectfully request that all inquiries be submitted no later than June 1.

Village of Pemberville seeks electric distribution lineworker

The Village of Pemberville is seeking applicants for the position of electric distribution lineworker. The lineman will be responsible for delivering reliable electric service to customers by performing inspections, maintenance, operations and construction work on substations, transmission, distribution and streetlight systems within the village to the level that their training dictates. Having or obtaining a CDL is required, as is mechanical knowledge and knowing how to operate equipment including but not limited to: bucket truck, digger derrick, backhoe, wood chipper, chain saws and dump truck; with a willingness to follow all current and future safety practices and maintain equipment. Wage is negotiable. Applications are available on the [village website](#). Please submit a resume and application to the Village of Pemberville, 155 Main St., P.O. Box 109, Pemberville, OH 43450.

Opportunities available at AMP

AMP is seeking applicants for the following positions:

Senior director, business systems

Reporting systems business analyst

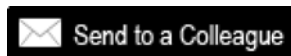
Administrative assistant - finance

Generation optimization specialist

For complete job descriptions, please visit the [AMP careers page](#).

American Municipal Power, Inc.

STAY CONNECTED

Cities & Villages Magazines**OML Classified Ads****Join Our Mailing List****Legislative Bulletin****June 8, 2018****OML UPDATE AT-A-GLANCE**

Here are the top three things you need to know from this past week:

- On Wednesday, the House of Representatives elected their new Speaker of the House after several weeks delay. The new speaker, Rep. Ryan Smith (R - Bidwell) will serve as interim Speaker until January, when the next General Assembly will begin and the next Speaker will be elected.
- The Ohio Department of Transportation has entered into a public-private partnership with Portsmouth Gateway Group to construct State Road 823 near Portsmouth for \$420 million. The company must comply with public information requests and will have to follow state hiring and labor laws. And while ODT will be plowing the road during snowfall, the private company will be in charge of maintaining the road.
- Two announcements were made this week regarding Ohio's forthcoming Medical Marijuana program: first, the Dept. of Commerce announced it will not make its original September 6th deadline. Second, 56 provisional licenses were awarded to medical marijuana dispensaries. You can access the full list of awarded dispensaries [HERE](#).

OHIO SUPREME COURT RULING UPHOLDS MUNICIPAL IMMUNITY

This week the Ohio Supreme Court weighed in on an important sovereign immunity issue for municipalities. The state's highest court ruled that municipalities are not liable for accidents caused in an instance when a driver claimed a stop sign was obscured by roadside foliage. A driver in the City of Campbell sued the city after running a stop sign, resulting in a collision with another vehicle. In the lawsuit, the driver claimed that her view of the stop sign was obstructed by foliage.

The Court explained in their ruling that according to statute, local governments are only required by law to remove foliage and other similar obstructions "from" public roads. The Court found the city of Campbell had no legal liability. The League will continue to monitor and report on court rulings that impact Ohio's municipalities.

HB 571 GETS FIRST COMMITTEE HEARING

This week, the House Ways and Means Committee held a first hearing on HB 571. This bill, sponsored by Rep. Greenspan (R - Westlake), requires all entities selling hotel accommodations to remit the tax they already collect at the full rate for the price the consumer pays for the room. The bill had its first hearing this week before the House Ways and Means Committee.

Currently, Online Travel Agencies (OTAs) are collecting tax on the full rate a consumer pays for hotel room they book through the OTA online. However, the OTA is not remitting that full tax to the local governments. This results in a loss of millions of dollars for Ohio's municipalities. It is important to make clear that this bill is in no way creating a new tax, nor is it increasing the price a consumer will have to pay for a hotel room when they book through an OTA. The price the consumer currently pays already includes full tax on the full price. The issue lies with the OTA, who is not remitting that tax to the local governments.

HB 571 will guarantee fairness by ensuring OTAs must remit the full tax they are currently collecting. It will protect local governments and Ohio's travel economy from being denied the taxes they are rightfully owed. HB 571 will generate millions of dollars in revenue for Ohio's local governments without creating any new tax.

The League is asking our members to **call their representatives** and express their support of this legislation. Furthermore, we invite local leaders to come to Columbus and testify in support of HB 571 when it is scheduled for proponent testimony in committee. For questions on testifying or to confirm your availability, please contact the League's Director of Communications, Ashley Brewster, at abrewster@omloho.org.

UPDATE ON BILL PREEMPTING LOCAL LICENSING

HB 583, sponsored by Rep. Henne (R - Clayton), would limit the occupational license and registration requirements and fees that a political subdivision may impose on state-regulated occupations, establish a waiver exempting certain persons from paying occupational license or registration fees, and revise the licensing restrictions applicable to individuals convicted of criminal offenses. The bill received its first hearing two weeks ago in the House Economic Development, Commerce, and Labor Committee. The League is opposed to this bill and maintains that municipalities have the right to enact local licensing requirements, ensuring accountability measures are in place and the best interests of the local community where work is performed are respected. According to the Fiscal Year 2017 Annual Report, there are 1,262,229 active licenses in Ohio. As currently written, this bill would limit the authority of municipalities to impose any requirements on all 298 types of occupational licenses, and any future licenses that the State may create. The ability to enact requirements ensures that the needs and issues of each municipality are addressed locally, and HB 583 is a major attack on Home Rule authority.

We will continue to report on any action taken on this bill. For those interested in testifying against HB 583 in the event that it receives additional hearings, please contact the League's Director of Communications, Ashley Brewster, at abrewster@omloho.org.

SMALL CELL WIRELESS DESIGN GUIDELINES WORKSHOP JUNE 18

The City of Dublin and the Ohio Municipal League are hosting a free workshop to discuss best practices for municipal design guidelines following the passage of HB 478, the small cell wireless bill. The workshop will include an overview of HB 478 guidelines, presentation of sample guidelines and a panel discussion with a telecom industry representative, with time for discussion. You can see the full agenda [HERE](#). The workshop will take place on Monday, June 18, 2018 from 10 am to 3 pm at the Dublin Integrated Education Center (6805 Bobcat Way, Dublin, OH 43016-1407). Please RSVP by 5 pm on Thursday, June 14 to Cjones@dublin.oh.us.

FLOOR ACTION: BILLS OF MUNICIPAL INTEREST

Here are the bills that were heard in the Ohio Senate this week:

- SB 182 - DOGS ON PATIOS. Sponsored by Sen. Coley (R - Liberty Township), this bill would generally allow an owner, keeper, or harborer of a dog to take the dog in an outdoor dining area of a retail food establishment or food service operation. The bill was heard before the full Senate committee, this week, where it was passed unanimously. The League is neutral on this legislation.
- SB 296 - LAW ENFORCEMENT BENEFITS. This bill, sponsored by Sen. LaRose (R - Hudson) and Sen. Hottinger (R - Newark), would revise the payments that surviving family members receive from the Ohio Public Safety Officers Death Benefit Fund and to permit surviving spouses and children to participate in the health, dental, and vision benefits offered to state employees as if the survivors were employees of this state. During its third hearing before the Senate Finance Committee, a technical amendment was added to the bill and no testimony was heard. The bill was then brought before the full Senate Chamber, where it was passed unanimously. The League is supportive of this legislation.
- SB 299 - WATER IMPROVEMENTS. Sponsored by Sen. Gardner (R - Bowling Green) and Sen. O'Brien (D - Bazetta), this bill would allow equipment for the protection and preservation of Lake Erie to be purchased with proceeds from the Parks and Recreation Improvement Fund, and to appropriate funds for projects enhancing water quality in the Western Lake Erie Basin. During its third hearing before the Senate Finance Committee, the bill was amended to become Substitute SB 299 and makes largely technical changes. Those who testified, including EPA Director Craig Butler, mostly voiced support of the bill but urged that more resources be directed towards the problem in the years to come. The bill was passed unanimously out of committee. The full Senate chamber then voted on the bill, where it was again passed unanimously. The League is supportive of this legislation.

REGISTER NOW FOR OML'S TWO REMAINING REGIONAL CONFERENCES

The League has held two Regional Conferences thus far this year, and we are looking forward to the two remaining conferences. The goal of these Regional Conferences is to provide an opportunity for League members prevented from attending our three-day Annual Conference held in downtown Columbus, either because of distance constraints or other issues to have access to the timely information our members receive at our Annual Conference and to experience some of the opportunities that the conference provides. We have put together a single day program of general session topics with presentations by featured speakers who are experts in their municipal sectors.

The Regional Conferences are an invaluable opportunity for municipal officials statewide to have the ability to be presented with critical information directly related to the success of their own communities, as well as connect and network with other local leaders in their area. This opportunity is not limited to League members but is a great opportunity for all municipal and local government officials to refresh their skill sets and get the most recent information on critical topics.

Registration information for next week and the forthcoming conferences, including the conference agenda, can be accessed [HERE](#)

The dates and locations for the remaining Regional Conferences are as follows:

- Northeast: Friday, June 29th at the Pro Football Hall of Fame in Canton.
- Northwest: Friday, August 17th at the Hancock Hotel in Findlay.

We encourage you to sign up for these remaining conferences as soon as possible, as space will be limited, and we look forward to seeing you there!

MAYORS CONFERENCE COMING SOON: REGISTER NOW!

From Wednesday, June 13th through Friday, June 15th, the Ohio Municipal League will be hosting the Mayors Association of Ohio's Annual Conference in Akron. After the annual golf outing Wednesday, the conference schedule will include workshops on topics ranging from gun safety and guns in schools to medical marijuana, in addition to many other important and timely topics Ohio's mayors should be aware of. We are happy to share with our members that lieutenant gubernatorial candidate Connie Pillich from the Cordray Campaign will be speaking at the conference along with a representative of the DeWine Campaign, to talk about their visions for Ohio's future and the role municipalities play in the success of our state.

The Mayors Conference is a unique opportunity to hear from expert speakers on a number of important topics, but it is also a chance to meet and trade best practices with leaders of cities and villages, rural and urban, all across Ohio. If you have yet to register, click [HERE](#) and be sure to save your spot. We look forward to seeing you there!

COMMITTEE RECAP: BILLS OF MUNICIPAL INTEREST

- HB 575 - VOLUNTEER TAX CREDITS. Sponsored by Rep. Keller (R - Middletown) and Rep. Rezabek (R - Clayton), this bill would grant income tax credits to persons who serve as volunteer firefighters or emergency medical

service technicians. During its third hearing before the House Ways and Means Committee, the bill was amended with a technical change clarifying the status of firefighters eligible for the tax credit. The League is supportive of this bill.

- **SB 250 - CRITICAL INFRASTRUCTURE.** Sponsored by Sen. Hoagland (R - Adena), this bill would prohibit criminal mischief, criminal trespass, and aggravated trespass on a critical infrastructure facility, to impose fines for organizations that are complicit in those offenses, and to impose civil liability for damage caused by trespass on a critical infrastructure facility. During its second hearing before the Senate Judiciary Committee, the bill was amended to become substitute SB 250. The changes include making criminal trespassing apply only to those who knowingly enter a critical infrastructure facility and allowing property owners to file a civil action lawsuit to cover the damages done by a trespasser. Proponents such as the Ohio Chamber of Commerce and the Ohio Chemistry Technology Council supported the bill, saying the bill would protect job growth as well as local communities and their constituencies. The League is supportive of this bill.
- **HB 278 - VEHICULAR ASSAULT.** Sponsored by Rep. Patton (R - Strongsville) and Rep. Kelly (D - Cincinnati), this bill would include negligently causing serious physical harm to a law enforcement officer while operating a motor vehicle or other specified mode of transportation as a violation of the offense of vehicular assault. During its fourth hearing before the House Criminal Justice Committee, the bill was amended to become Substitute HB 278 and includes largely technical changes. No testimony was heard. The League is supportive of this legislation.
- **SB 225 - BROADBAND GRANTS.** Sponsored by Sen. Schiavoni (D - Boardman) and Sen. Eklund (R - Chardon), this bill would create the Ohio Broadband Development Grant Program and to make an appropriation. During its second hearing before the Senate Finance Committee, many different proponents voiced their support of the bill, from teachers to CEOs to local officials. The League offered joint proponent testimony with the Ohio Township Association. You can read that testimony [HERE](#).
- **HB 263 - DOGS ON PATIOS.** Sponsored by Rep. Lanese (R - Grove City), this bill would generally allow an owner, keeper, or harbinger of a dog to take the dog in an outdoor dining area of a retail food establishment or food service operation. During its third hearing before the Senate Health, Human Services and Medicaid Committee, a representative from the Chamber of Commerce voiced support for the bill due to its intention to allow businesses to have full discretion regarding whether or not they should allow dogs on patios. The League is neutral on this legislation.

- **SB 210 - AUXILIARY CONTAINERS.** This bill, sponsored by Sen. Coley (R - Liberty Township), would authorize a person to use an auxiliary container for any purpose, to prohibit a municipal corporation from imposing a tax or fee on auxiliary containers, and to clarify that the existing anti-littering law applies to auxiliary containers. During its fourth hearing before the Senate Health, Human Services and Medicaid Committee, the Ohio Township Association testified in opposition to the bill due to an amendment that was added which applies the preemption to home rule townships as well as municipalities. The League is opposed to this bill.
- **SB 181 - MUNICIPAL GARBAGE FEES.** Sponsored by Sen. O'Brien (D - Bazetta), this bill would authorize all municipal corporations that charge a garbage collection fee to certify unpaid amounts to the county auditor, who must enter the fees on the property tax list to be collected in the same manner as real property taxes. During its fourth hearing before the Senate Ways and Means Committee, the bill was amended to extend the authorization to townships as well. The bill was then passed out of committee with three dissenting votes. The League is supportive of this bill and is glad to see legislation that benefits municipalities voted out of committee.
- **HB 351 - MILITARY TAX EXEMPTION.** Sponsored by Rep. Perales (R - Beavercreek) and Rep. Butler (R - Oakwood), this bill would require municipal corporations to exempt from taxation the military pay of members of the commissioned corps of the National Oceanic and Atmospheric Administration and Public Health Service. During its third hearing before the Senate Ways and Means Committee, the bill was unanimously voted out of committee. The League is neutral on this legislation.
- **SB 75 - PROPERTY LIENS.** This bill, sponsored by Sen. Brown (D - Toledo), deals with property liens for unpaid county or municipal water service charges. During its first hearing before the Senate Energy and Natural Resources Committee, the bill's sponsor explained that the legislation would require county auditors to not file liens against property owners due to unpaid water bills until water authorities certify several facts to prevent liens being filed due to a previous resident's water bills. The League is still reviewing this legislation.
- **HB 422 - WATER SEWER ACQUISITIONS.** Sponsored by Rep. Ginter (R - Salem) and Rep. Rogers (D - Mentor-on-the-Lake), this bill would govern acquisitions of municipal water-works and sewage disposal system companies by certain larger non-municipal water-works or sewage disposal system companies. During its third hearing before the Senate Public Utilities Committee, both opponents and interested parties testified on the bill. The League is supportive of this legislation.

THERE WILL BE NO COMMITTEE SCHEDULE THIS WEEK

Up Coming Meetings & Events

Regional Summer Conference Series	June 29, August 17	<u>Registration Information</u>
<u>OML/OMAA Webinar</u> Small Cell Wireless Service & Placement of Facilities in the Public Way	June 21, 2018 10:00 am ~ 11:00 am	<u>Registration Information</u>
Mayors Association Annual Conference	June 13 ~ 15, 2018 Akron, Ohio	<u>Registration Information</u>
Annual Municipal Income Tax Seminar	July 11 ~ 13, 2018 Renaissance Hotel	<u>Registration Information</u>

Ohio Municipal League

Legislative Inquires:

Kent Scarrett, Executive Director

Edward Albright, Deputy Director

Ashley Brewster, Director of Communications

Rachel Massoud, Legislative Advocate

Website/Bulletin Issues:

Zoë Wade, Office Manager

Hearing Cancellation Notice

From: "The Ohio Municipal League" <kscarrett@omloho.org>

06/07/18 04:00 PM

To: rdietrich@napoleonohio.com



June 7, 2018

NOTICE: "URBAN FARMING" BILL HEARING NEXT WEEK HAS BEEN CANCELLED

Yesterday we alerted our members to a hearing that was happening next week regarding HB 175, the "urban farming" legislation that would allow small "barnyard" animals such as goats and chickens to be kept on residential property, preempting municipal zoning laws.

The hearing, which was scheduled for Wednesday, June 13th at 10am, has been cancelled. The House has cancelled session for all of next week, which often results in the cancellation of committees. We will alert our members when the committee has been rescheduled. We appreciate the responses we've received thus far from members willing to testify and we urge our members to call their representatives and express their opposition to this bill.

STAY CONNECTED:



The Ohio Municipal League, 175 S. Third Street, Suite 510, Columbus, OH 43215

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CALL TO ACTION

From: "The Ohio Municipal League" <kscarrett@omloho.org>

06/06/18 02:29 PM

To: rdietrich@napoleonohio.com



Call to Action

June 6, 2018**"Urban Farming" Legislation Scheduled For Opponent Testimony**

Next Wednesday, June 13th the House Agriculture and Rural Development Committee will hold a third hearing/opponent only testimony on HB 175, a bill that would preempt current municipal ordinances to allow any property owner within a municipality's jurisdiction to keep small "barnyard" animals such as chickens, goats or rabbits on their property.

The Ohio Municipal League is alerting our members of the opportunity to educate members of the House committee about the challenges such a proposal would place upon the leaders of Ohio's cities and villages and encourage those concerned about this unnecessary attack on local control. This bill further strips away the integrity of Ohio's constitutional authorities given municipal leaders through home rule, and we want our members to join the League in testifying in opposition to HB 175 next week.

As currently written, HB 175 disregards the needs for local zoning authorities and ignores that Ohio's cities and villages' rights to determine what is best for their constituency should not be usurped by the ever growing and expanding authorities of our state government.

Local councils are best poised to determine what would best serve the health and overall safety of their local communities. It is also worth noting that under current law, citizens who wish to keep small livestock on their properties already have the authority to appeal zoning laws before their city or village councils. There is no need to bypass the existing procedures in place and provide for the disruption and disturbance this bill threatens to cause local communities.

The Ohio Legislature would welcome the perspectives of our mayors, city managers, local council people and any other concerned voices from Ohio's municipalities as they determine the future of this proposal and the worthiness of the state taking these basic authorities away from communities.

The opponent testimony will be heard **Wednesday, June 13th at 10 am** before the House Agriculture and Rural Development Committee in **Room 116** in the **Ohio Statehouse**. Chairman Hill asks that the testimony to be presented to the committee be sent to his office 24 hours before the hearing date/time to ensure committee members are provided copies of the remarks prior to the meeting. Additionally, for those who are unable to come to Columbus, we

strongly encourage concerned municipal leaders to submit written testimony in opposition to the bill to Chairman Brian Hill's office at Rep97@ohiohouse.gov. If you have any questions or you are interested in testifying, please contact the League's Director of Communications Ashley Brewster at abrewster@omlohio.org or by phone at (614) 221-4349.

STAY CONNECTED:



The Ohio Municipal League, 175 S. Third Street, Suite 510, Columbus, OH 43215

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