
Memorandum

:

To: Mayor and Members of City Council
cc: City Manager, Finance Director, City Law Director
From: Roxanne
Regarding: General Information
Date: August 10, 2018

CALENDAR

MONDAY, AUGUST 13, 2018

1. **AGENDA–ELECTRIC COMMITTEE & BOPA at 6:15 PM**
 - a. Approval of Minutes
 - the minutes from the June 11th meeting are enclosed.
 - b. August 2018 PSCAF reports are attached.
 - c. Status of Transmission Ownership
 - d. Efficiency Smart Program (Tabled)
 - e. Electric Department Reports from July are enclosed.
2. **AGENDA–WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE at 7:00 PM**
 - a. Approval of Minutes –
 - a copy of the June 11th meeting minutes is attached.
 - b. 2017 Sewer Rate Study [meeting with BOPA]
 - the Sewer Rate and Cost of Service Study from 10.9.2017 is included in the packet.
 - c. Yard Waste Site Policies [meeting with BOPA].
3. **AGENDA–MUNICIPAL PROPERTIES, BUILDINGS, LAND USE & ECONOMIC DEVELOPMENT COMM. MEETING at 7:30 pm**
 - a. Approval of Minutes -
 - the meeting minutes from June 11, 2018 are enclosed.
 - b. City Right-of-Way Occupancy Permit.
 - c. Expansion of CRA No. 6.
 - d. NORA Update.
 - e. Brownfield Grant Opportunity.

INFORMATIONAL ITEMS

1. Agendas
 - a. Civil Service Commission/Tuesday, August 14th at 4:30 pm.
 - b. Planning Commission/Tuesday, August 14th at 5:00 pm.
 - c. Civil Service Commission/Saturday, August 18th at 10:00 am.
2. Meetings Canceled
 - a. Board of Zoning Appeals
3. AMP Weekly Newsletter/August 3, 2018
4. Ohio Municipal League (OML) Legislative Bulletin/August 10, 2018.

August 2018

◀ July

September ▶

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6 6:15 pm Technology Committee 7:00 pm City Council	7	8	9	10	11
12	13 6:15 pm Electric Committee & BOPA 7:00 pm Water & Sewer Committee 7:30 pm Municipal Properties/ED Committee	14 4:30 pm Special Civil Service Commission Meeting 5:00 pm Planning Commission	15	16	17	18 10:00 am – Special Civil Service Comm. Meeting [Police Officer Physical Agility Test]
19	20 6:00 pm Tree Comm. Parks & Rec Comm. 7:00 pm – City Council	21	22 11am – 1pm Employee Appreciation Picnic @Oberhaus Park Shelterhouse	23	24	25
26	27 6:30 pm Finance & Budget Committee 7:30 pm Safety & Human Resources Comm	28 4:30 pm Civil Service Commission	29 6:30 pm Parks & Rec Board Mtg.	30	31	

City of Napoleon, Ohio

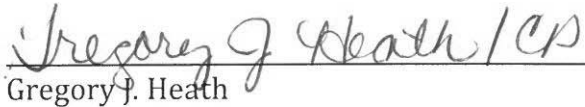
ELECTRIC COMMITTEE

Meeting Agenda

Monday, August 13, 2018 at 6:15 pm

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

- 1) Approval of Minutes: June 11, 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 August 2018: PSCAF – three (3) month averaged factor \$0.02202
JV2 \$0.025987
JV5 \$0.025987
- 3) Status of Transmission Ownership.
- 4) Efficiency Smart Program. [Tabled]
- 5) Electric Department Reports.
- 6) Any other matters to come before the Committee.
- 7) Adjournment.



Gregory J. Heath
Finance Director/Clerk of Council

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 (a)	PSCAF City Billing Month (b)	AMP - kWh Delivered As Listed on AMP Invoices (c) Actual Billed	Purchased Power Supply Costs (*=Net of Known) (+ OR - Other Cr's) (d) Actual Billed w/Cr's	Rolling 3-Month Totals		Rolling 3 Month Average Cost (g) f / e	Less: Fixed Base Power Supply Cost (h) \$0.07194 Fixed	PSCA Dollar Difference + or - (i) g + h	PSCA-Corrt'd. 3 MONTH AVG.FACTOR + Line Loss (j) i X 1.075
				Current + Prior 2 Months					
				kWh	Cost				
				c + prior 2 Mo	d + prior 2 Mo				
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
May'18	July'18	12,812,421	\$ 1,184,249.00	37,702,543	\$ 3,454,792.88	\$ 0.09163	\$ (0.07194)	\$ 0.01969	\$ 0.02117
June'18	Aug'18	13,813,277	\$ 1,230,516.92	38,621,535	\$ 3,569,411.66	\$ 0.09242	\$ (0.07194)	\$ 0.02048	\$ 0.02202

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

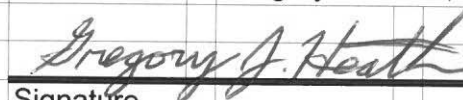
PSCAF - Preparers Signature:

Name - Lori A. Rausch, Utility Billing Administrator

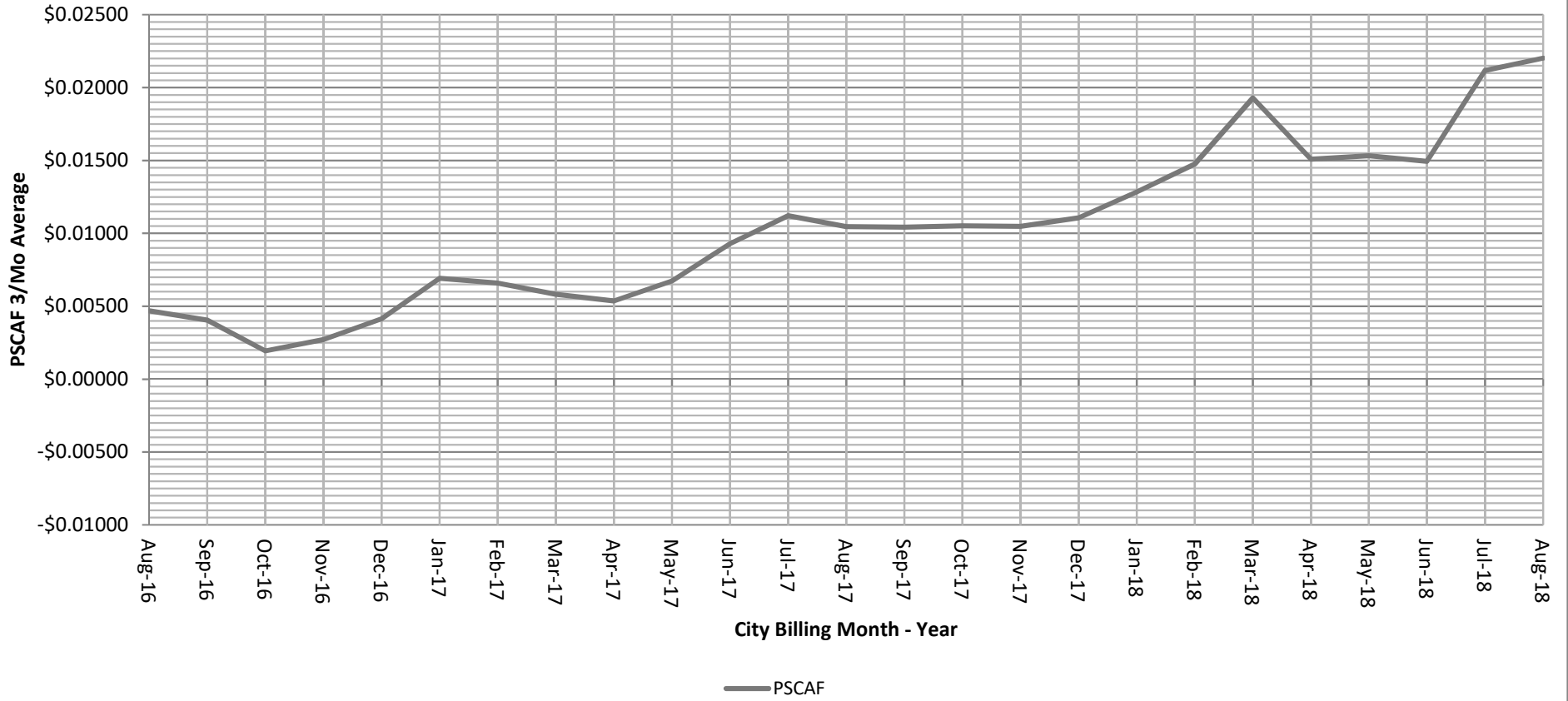
 **7/18/2018**
Signature Date

PSCAF - Reviewers Signature:

Name - Gregory J. Heath, Finance Director

 **7/18/2018**
Signature Date

Power Supply Cost Adjustment Factor - PSCAF



BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - AUGUST, 2018									
2018 - AUGUST BILLING WITH JUNE 2018 AMP BILLING PERIOD AND JULY 2018 CITY CONSUMPTION AND BILLING DATA									
PREVIOUS MONTH'S POWER BILLS - PURCHASED POWER KWH AND COST ALLOCATIONS BY DEMAND & ENERGY:									
<u>DATA PERIOD</u>	<u>MONTH / YR</u>	<u>DAYS IN MONTH</u>	<u>MUNICIPAL PEAK</u>						
AMP-Ohio Bill Month	JUNE, 2018	30	30.802						
City-System Data Month	JULY, 2018	31							
City-Monthly Billing Cycle	AUGUST, 2018	31							
=====<u>CONTRACTED AND OPEN MARKET POWER</u>=====									
=====<u>PEAKING</u>=====									
=====<u>HYDRO POWER</u>=====									
(	AMP CT	FREEMONT	PRAIRIE STATE	MORGAN STNLY.	NORTHERN	JV-2	AMP-HYDRO	MELDAHL-HYDR	GREENUP HYDR
PURCHASED POWER-RESOURCES -> (	ENERGY	SCHED. @ PJMC	REPLMT@ PJMC	REPLMNT.2015-20	POWER	PEAKING	CSW	SCHED. @	SCHED. @
(	SCHED. @ ATSI	SCHEDULED	REPLMT@ PJMC	7x24 @ AD	POOL	SCHED. @ ATSI	SCHED. @ PJMC	MELDAHL BUS	GREENUP BUS
Delivered kWh (On Peak) ->	97,909	4,419,239	3,670,607	2,736,000	148,753	1,872	1,812,164	282,094	135,341
Delivered kWh (Off Peak) ->					34,561				
Delivered kWh (Replacement/Losses/Offset) ->									
Delivered kWh/Sale (Credits) ->					-2,342,843				
Net Total Delivered kWh as Billed ->	97,909	4,419,239	3,670,607	2,736,000	-2,159,529	1,872	1,812,164	282,094	135,341
<i>Percent % of Total Power Purchased-></i>	<i>0.7088%</i>	<i>31.9927%</i>	<i>26.5730%</i>	<i>19.8070%</i>	<i>-15.6337%</i>	<i>0.0136%</i>	<i>13.1190%</i>	<i>2.0422%</i>	<i>0.9798%</i>
<u>COST OF PURCHASED POWER:</u>									
<u>DEMAND CHARGES (+Debits)</u>									
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						\$6,468.58
<u>DEMAND CHARGES (-Credits)</u>									
Transmission Charges (Demand-Credits)	-\$48,665.72					-\$891.76			
Capacity Credit	-\$47,748.21	-\$38,150.96	-\$19,510.42			-\$1,125.71	-\$4,383.61	-\$2,311.21	-\$1,225.32
Sub-Total Demand Charges	-\$64,793.93	\$39,725.54	\$138,713.39	\$0.00	\$0.00	-\$1,381.23	\$209,064.35	\$14,991.11	\$7,501.59
<u>ENERGY CHARGES (+Debits):</u>									
Energy Charges - (On Peak)	\$8,865.66	\$89,407.38	\$48,315.19	\$172,231.20	\$8,246.19	\$94.41	\$57,536.21	\$8,956.48	\$424.95
Energy Charges - (Replacement/Off Peak)					\$2,037.31				
Net Congestion, Losses, FTR		\$12,542.92	\$17,791.58	\$4,189.42			\$8,971.29	-\$566.63	\$175.80
Transmission Charges (Energy-Debits)			\$12,365.44						
ESPP Charges									
Bill Adjustments (General & Rate Levelization)		-\$114.61	\$3,756.39			\$42.11			\$1,832.90
<u>ENERGY CHARGES (-Credits or Adjustments):</u>									
Energy Charges - On Peak (Sale or Rate Stabilization)					-\$66,402.91				
Net Congestion, Losses, FTR									
Bill Adjustments (General & Rate Levelization)					-\$1,252.48		-\$3,171.29	-\$493.66	-\$236.85
Sub-Total Energy Charges	\$8,865.66	\$101,835.69	\$82,228.60	\$176,420.62	-\$57,371.89	\$136.52	\$63,336.21	\$7,896.19	\$2,196.80
<u>TRANSMISSION & SERVICE CHARGES, MISC.:</u>									
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	-\$55,928.27	\$141,561.23	\$220,941.99	\$176,420.62	-\$57,371.89	-\$1,244.71	\$272,400.56	\$22,887.30	\$9,698.39
<i>Percent % of Total Power Cost-></i>	<i>-4.5451%</i>	<i>11.5042%</i>	<i>17.9552%</i>	<i>14.3371%</i>	<i>-4.6624%</i>	<i>-0.1012%</i>	<i>22.1371%</i>	<i>1.8600%</i>	<i>0.7882%</i>
Purchased Power Resources - Cost per kWh->	-\$0.571227	\$0.032033	\$0.060192	\$0.064481	-\$0.026567	-\$0.664909	\$0.150318	\$0.081134	\$0.071659

BILLING SUMMARY AND CONS									
2018 - AUGUST BILLING WITH JUNE 2018 AMP									
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) ->	454,575	2,223,360	26,506	80,631	0	0	0	0	16,089,051
Delivered kWh (Off Peak) ->									34,561
Delivered kWh (Replacement/Losses/Offset) ->		32,508							32,508
Delivered kWh/Sale (Credits) ->									-2,342,843
Net Total Delivered kWh as Billed ->	454,575	2,255,868	26,506	80,631	0	0	0	0	13,813,277
Percent % of Total Power Purchased->	3.2909%	16.3312%	0.1919%	0.5837%	0.0000%	0.0000%	0.0000%	0.0000%	100.0001%
								Verification Total ->	100.0000%
COST OF PURCHASED POWER:									
DEMAND CHARGES (+Debits)									
Demand Charges	\$3,871.44	\$34,667.97	\$1,593.83			\$152,096.68			\$548,726.32
Debt Services (Principal & Interest)		\$55,367.84							\$206,705.18
DEMAND CHARGES (-Credits)									
Transmission Charges (Demand-Credits)		-\$15,820.88	-\$46.75						-\$65,425.11
Capacity Credit	-\$4,685.99	-\$15,470.15	-\$99.50						-\$134,711.08
Sub-Total Demand Charges	-\$814.55	\$58,744.78	\$1,447.58	\$0.00	\$0.00	\$152,096.68	\$0.00	\$0.00	\$555,295.31
ENERGY CHARGES (+Debits):									
Energy Charges - (On Peak)	\$3,736.77	\$46,127.06		\$7,014.91		\$6,597.87			\$457,554.28
Energy Charges - (Replacement/Off Peak)									\$2,037.31
Net Congestion, Losses, FTR	\$3,183.36								\$46,287.74
Transmission Charges (Energy-Debits)									\$12,365.44
ESPP Charges					\$18,012.14				\$18,012.14
Bill Adjustments (General & Rate Levelization)									\$5,516.79
ENERGY CHARGES (-Credits or Adjustments):									
Energy Charges - On Peak (Sale or Rate Stabilization)									-\$66,402.91
Net Congestion, Losses, FTR									\$0.00
Bill Adjustments (General & Rate Levelization)	\$1,581.87								-\$3,572.41
Sub-Total Energy Charges	\$8,502.00	\$46,127.06	\$0.00	\$7,014.91	\$18,012.14	\$6,597.87	\$0.00	\$0.00	\$471,798.38
TRANSMISSION & SERVICE CHARGES, MISC.:									
RPM / PJM Charges Capacity - (+Debit)						\$194,007.75			\$194,007.75
RPM / PJM Charges Capacity - (-Credit)									\$0.00
Service Fees AMP-Dispatch Center - (+Debit/-Credit)							\$442.35		\$442.35
Service Fees AMP-Part A - (+Debit/-Credit)							\$2,946.27		\$2,946.27
Service Fees AMP-Part B - (+Debit/-Credit)							\$8,024.62		\$8,024.62
Other Charges & Bill Adjustments - (+Debit/-Credit)								-\$1,997.76	-\$1,997.76
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$194,007.75	\$11,413.24	-\$1,997.76	\$203,423.23
TOTAL NET COST OF PURCHASED POWER	\$7,687.45	\$104,871.84	\$1,447.58	\$7,014.91	\$18,012.14	\$352,702.30	\$11,413.24	-\$1,997.76	\$1,230,516.92
Percent % of Total Power Cost->	0.6247%	8.5226%	0.1176%	0.5701%	1.4638%	28.6629%	0.9274%	-0.1624%	99.9998%
								Verification Total ->	\$1,230,516.92
Purchased Power Resources - Cost per kWh->	\$0.016911	\$0.046488	\$0.054613	\$0.087000	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.089082
								(Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWh) = JV2 Electric Service Rate ->	\$0.025987
								(Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWh) = JV5 Electric Service Rate ->	\$0.025987

BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - AUGUST, 2018															
AUGUST, 2018															
2018 - AUGUST BILLING WITH JUNE 2018 AMP BILLING PERIOD AND JULY 2018 CITY CONSUMPTION AND BILLING DATA															
Class and/or Schedule	Rate Code	Jul-18		Billed kVA of Demand	Cost / kWh For Month	Prior 12 Mo Average	Aug-17		Cost / kWh For Month	# of Bills	Sep-17		Cost / kWh For Month		
		# of Bills	(kWh Usage)				Jul-18 Billed	Aug-17 Billed			Sep-17 Billed				
Residential (Dom-In)	E1	3,338	2,295,429	\$295,529.06	\$0.1287	\$0.1216	3,345	2,690,705	\$314,306.27	\$0.1168	3,342	2,976,085	\$345,350.78	\$0.1160	
Residential (Dom-In) w/Ecosmart	E1E	8	4,978	\$645.47	\$0.1297	\$0.1232	9	6,295	\$742.17	\$0.1179	9	6,913	\$809.37	\$0.1171	
Residential (Dom-In - All Electric)	E2	611	391,996	\$50,714.07	\$0.1294	\$0.1201	600	430,173	\$50,625.88	\$0.1177	608	462,086	\$54,138.22	\$0.1172	
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	574	\$74.89	\$0.1305	\$0.1233	1	624	\$74.21	\$0.1189	1	913	\$105.77	\$0.1158	
Total Residential (Domestic)		3,958	2,692,977	\$346,963.49	\$0.1288	\$0.1214	3,955	3,127,797	\$365,748.53	\$0.1169	3,960	3,445,997	\$400,404.14	\$0.1162	
Residential (Rural-Out)	ER1	781	750,836	\$101,456.97	\$0.1351	\$0.1275	776	809,279	\$98,658.70	\$0.1219	776	867,199	\$106,585.60	\$0.1229	
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,824	\$392.21	\$0.1389	\$0.1315	4	2,850	\$364.95	\$0.1281	4	3,102	\$393.53	\$0.1269	
Residential (Rural-Out - All Electric)	ER2	375	401,084	\$53,774.49	\$0.1341	\$0.1260	377	425,821	\$52,319.41	\$0.1229	376	455,552	\$55,674.82	\$0.1222	
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	2,000	\$269.44	\$0.1347	\$0.1266	2	2,035	\$252.01	\$0.1238	2	2,185	\$269.03	\$0.1231	
Residential (Rural-Out w/Dmd)	ER3	16	26,514	\$3,461.34	\$0.1305	\$0.1209	16	15,934	\$1,973.79	\$0.1239	16	17,174	\$2,115.60	\$0.1232	
Residential (Rural-Out - All Electric w/Dmd)	ER4	9	8,050	\$1,094.00	\$0.1359	\$0.1247	9	7,593	\$955.60	\$0.1259	9	8,328	\$1,038.77	\$0.1247	
Total Residential (Rural)		1,187	1,191,308	\$160,448.45	\$0.1347	\$0.1267	1,184	1,263,512	\$154,524.46	\$0.1223	1,183	1,353,540	\$166,077.35	\$0.1227	
Commercial (1 Ph-In - No Dmd)	EC2	73	34,703	\$5,661.85	\$0.1632	\$0.1536	76	58,896	\$8,390.83	\$0.1425	76	40,897	\$6,098.23	\$0.1491	
Commercial (1 Ph-Out - No Dmd)	EC2O	48	7,605	\$1,625.00	\$0.2137	\$0.1985	48	8,154	\$1,613.40	\$0.1979	48	7,971	\$1,589.79	\$0.1994	
Total Commercial (1 Ph) No Dmd		121	42,308	\$7,286.85	\$0.1722	\$0.1618	124	67,050	\$10,004.23	\$0.1492	124	48,868	\$7,688.02	\$0.1573	
Commercial (1 Ph-In - w/Demand)	EC1	260	306,074	\$48,757.18	\$0.1593	\$0.1482	258	347,281	\$50,323.85	\$0.1449	259	411,769	\$58,197.76	\$0.1413	
Commercial (1 Ph-Out - w/Demand)	EC1O	25	45,411	\$6,431.09	\$0.1416	\$0.1359	24	30,759	\$4,412.07	\$0.1434	25	47,917	\$6,566.44	\$0.1370	
Total Commercial (1 Ph) w/Demand		285	351,485	\$55,188.27	\$0.1570	\$0.1467	282	378,040	\$54,735.92	\$0.1448	284	459,686	\$64,764.20	\$0.1409	
Commercial (3 Ph-Out - No Dmd)	EC4O	2	80	\$47.02	\$0.5878	\$0.1389	2	40	\$41.09	\$1.0273	2	40	\$41.09	\$1.0273	
Total Commercial (3 Ph) No Dmd		2	80	\$47.02	\$0.5878	\$0.1389	2	40	\$41.09	\$1.0273	2	40	\$41.09	\$1.0273	
Commercial (3 Ph-In - w/Demand)	EC3	208	1,451,198	\$201,102.33	\$0.1386	\$0.1304	200	1,550,308	\$196,114.84	\$0.1265	205	1,638,514	\$206,906.78	\$0.1263	
Commercial (3 Ph-Out - w/Demand)	EC3O	37	266,981	\$37,840.28	\$0.1417	\$0.1311	38	262,736	\$34,248.95	\$0.1304	38	276,505	\$35,724.78	\$0.1292	
Commercial (3 Ph-Out - w/Dmd.&Sub-St)	E3SO	3	115,360	\$14,950.00	\$0.1296	\$0.1219	3	115,800	\$13,912.96	\$0.1204	3	116,040	\$13,907.06	\$0.1198	
Commercial (3 Ph-In - w/Demand, No Ta)	EC3T	1	1,840	\$378.71	\$0.2058	\$0.1439	1	3,320	\$464.87	\$0.1400	1	4,520	\$592.45	\$0.1311	
Total Commercial (3 Ph) w/Demand		249	1,835,379	\$254,271.32	\$0.1385	\$0.1300	242	1,931,964	\$244,741.62	\$0.1267	247	2,035,579	\$257,131.07	\$0.1263	
Large Power (In - w/Dmd & Rct)	EL1	20	2,215,512	\$251,260.17	\$0.1134	\$0.1066	20	2,241,398	\$230,431.42	\$0.1028	20	2,427,551	\$243,182.88	\$0.1002	
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,090,293	\$111,938.86	\$0.1027	\$0.0971	3	1,106,992	\$104,791.60	\$0.0947	3	1,162,104	\$109,126.69	\$0.0939	
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	465,600	\$52,786.32	\$0.1134	\$0.1043	1	355,200	\$39,089.96	\$0.1101	1	484,800	\$47,774.37	\$0.0985	
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	80,064	\$15,683.06	\$0.1959	\$0.1493	2	72,757	\$14,892.80	\$0.2047	2	79,957	\$19,155.55	\$0.2396	
Total Large Power		26	3,851,469	\$431,668.41	\$0.1121	\$0.1047	26	3,776,347	\$389,205.78	\$0.1031	26	4,154,412	\$419,239.49	\$0.1009	
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,100,078	\$109,317.34	\$0.0994	\$0.0926	1	1,058,217	\$93,929.97	\$0.0888	1	1,175,166	\$100,988.96	\$0.0859	
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	875,036	\$86,537.35	\$0.0989	\$0.0966	1	625,090	\$61,785.34	\$0.0988	1	736,807	\$68,131.06	\$0.0925	
Total Industrial		2	1,975,114	\$195,854.69	\$0.0992	\$0.0943	2	1,683,307	\$155,715.31	\$0.0925	2	1,911,973	\$169,120.02	\$0.0885	
Interdepartmental (In - No Dmd)	ED1	11	40,778	\$5,716.66	\$0.1402	\$0.1261	9	51,101	\$6,163.94	\$0.1206	8	53,518	\$6,417.40	\$0.1199	
Interdepartmental (Out - w/Dmd)	ED2O	2	566	\$102.15	\$0.1805	\$0.1976	2	472	\$84.14	\$0.1783	2	557	\$94.92	\$0.1704	
Interdepartmental (In - w/Dmd)	ED2	28	25,027	\$3,787.47	\$0.1513	\$0.1388	27	22,367	\$3,169.47	\$0.1417	26	24,282	\$3,399.52	\$0.1400	
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	126,536	\$17,385.49	\$0.1374	\$0.1248	11	195,150	\$23,572.78	\$0.1208	11	195,896	\$22,942.74	\$0.1171	
Interdepartmental (Street Lights)	EDSL	7	63,071	\$5,867.81	\$0.0930	\$0.0930	7	62,879	\$5,848.05	\$0.0930	7	62,879	\$5,851.14	\$0.0931	
Interdepartmental (Traffic Signals)	EDTS	9	1,710	\$158.12	\$0.0925	\$0.0925	9	1,575	\$145.62	\$0.0925	9	1,715	\$158.59	\$0.0925	
Generators (JV2 Power Cost Only)	GJV2	1	16,343	\$476.89	\$0.0292	\$0.0000	1	16,988	\$380.02	\$0.0224	1	18,180	\$417.41	\$0.0230	
Generators (JV5 Power Cost Only)	GJV5	1	11,874	\$346.48	\$0.0292	\$0.0000	1	12,382	\$276.99	\$0.0224	1	12,704	\$291.68	\$0.0230	
Total Interdepartmental		70	285,905	\$33,841.07	\$0.1184	\$0.1126	67	362,914	\$39,641.01	\$0.1092	65	369,731	\$39,573.40	\$0.1070	
SUB-TOTAL CONSUMPTION & DEMAND		5,900	12,226,025	\$1,485,569.57	\$0.1215	\$0.1148	5,884	12,590,971	\$1,414,357.95	\$0.1123	5,893	13,779,826	\$1,524,038.78	\$0.1106	
Street Lights (In)	SLO	14	0	\$13.43	\$0.0000	\$0.0457	13	0	\$13.28	\$0.0000	13	0	\$13.28	\$0.0000	
Street Lights (Out)	SLOO	2	0	\$1.91	\$0.0000	\$0.0000	2	0	\$1.91	\$0.0000	2	0	\$1.92	\$0.0000	
Total Street Light Only		16	0	\$15.34	\$0.0000	\$0.0516	15	0	\$15.19	\$0.0000	15	0	\$15.20	\$0.0000	
TOTAL CONSUMPTION & DEMAND		5,916	12,226,025	\$1,485,584.91	\$0.1215	\$0.1148	5,899	12,590,971	\$1,414,373.14	\$0.1123	5,908	13,779,826	\$1,524,053.98	\$0.1106	

BILLING SUMMARY AND CO																	
AUGUST, 2018																	
2018 - AUGUST BILLING WITH JUNE 2018 AMP																	
Class and/or Schedule	Rate Code	# of Bills	Oct-17		Cost / kWh For Month	# of Bills	Nov-17		Cost / kWh For Month	# of Bills	Dec-17		Cost / kWh For Month	# of Bills	Jan-18		Cost / kWh For Month
			(kWh Usage)	Billed			(kWh Usage)	Billed			(kWh Usage)	Billed			(kWh Usage)	Billed	
Residential (Dom-In)	E1	3,332	2,223,727	\$263,326.85	\$0.1184	3,342	2,183,770	\$258,960.04	\$0.1186	3,343	1,828,366	\$220,986.13	\$0.1209	3,335	2,010,836	\$244,589.76	\$0.1216
Residential (Dom-In) w/Ecosmart	E1E	9	5,030	\$604.13	\$0.1201	9	5,189	\$621.37	\$0.1197	9	4,265	\$522.82	\$0.1226	9	4,807	\$590.89	\$0.1229
Residential (Dom-In - All Electric)	E2	601	358,277	\$42,791.55	\$0.1194	607	359,718	\$42,973.88	\$0.1195	600	411,193	\$48,798.42	\$0.1187	604	564,281	\$66,628.60	\$0.1181
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	601	\$71.72	\$0.1193	1	498	\$60.45	\$0.1214	1	543	\$65.68	\$0.1210	1	418	\$52.69	\$0.1261
Total Residential (Domestic)		3,943	2,587,635	\$306,794.25	\$0.1186	3,959	2,549,175	\$302,615.74	\$0.1187	3,953	2,244,367	\$270,373.05	\$0.1205	3,949	2,580,342	\$311,861.94	\$0.1209
Residential (Rural-Out)	ER1	777	664,288	\$83,537.14	\$0.1258	782	671,146	\$84,360.08	\$0.1257	780	685,224	\$86,337.74	\$0.1260	773	765,076	\$96,763.07	\$0.1265
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,206	\$291.63	\$0.1322	4	2,317	\$304.24	\$0.1313	4	2,675	\$346.59	\$0.1296	4	3,295	\$423.51	\$0.1285
Residential (Rural-Out - All Electric)	ER2	376	361,254	\$44,970.86	\$0.1245	375	356,797	\$44,441.94	\$0.1246	375	403,035	\$49,945.45	\$0.1239	376	472,990	\$58,795.22	\$0.1243
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	1,534	\$194.96	\$0.1271	2	1,712	\$215.25	\$0.1257	2	1,834	\$230.21	\$0.1255	2	2,390	\$298.17	\$0.1248
Residential (Rural-Out w/Dmd)	ER3	16	12,662	\$1,603.74	\$0.1267	16	15,601	\$1,938.09	\$0.1242	16	64,428	\$7,518.60	\$0.1167	16	139,280	\$16,276.44	\$0.1169
Residential (Rural-Out - All Electric w/Dm)	ER4	9	7,172	\$907.99	\$0.1266	9	7,142	\$904.42	\$0.1266	9	24,064	\$2,842.60	\$0.1181	9	29,151	\$3,474.71	\$0.1192
Total Residential (Rural)		1,184	1,049,116	\$131,506.32	\$0.1253	1,188	1,054,715	\$132,164.02	\$0.1253	1,186	1,181,260	\$147,221.19	\$0.1246	1,180	1,412,182	\$176,031.12	\$0.1247
Commercial (1 Ph-In - No Dmd)	EC2	76	34,747	\$5,333.29	\$0.1535	76	32,527	\$5,050.69	\$0.1553	73	33,935	\$5,213.13	\$0.1536	72	33,842	\$5,248.60	\$0.1551
Commercial (1 Ph-Out - No Dmd)	EC2O	48	7,344	\$1,510.81	\$0.2057	48	7,470	\$1,526.63	\$0.2044	48	7,896	\$1,585.34	\$0.2008	48	11,116	\$2,015.82	\$0.1813
Total Commercial (1 Ph) No Dmd		124	42,091	\$6,844.10	\$0.1626	124	39,997	\$6,577.31	\$0.1644	121	41,831	\$6,798.47	\$0.1625	120	44,958	\$7,264.42	\$0.1616
Commercial (1 Ph-In - w/Demand)	EC1	259	379,198	\$53,697.15	\$0.1416	260	319,807	\$47,319.16	\$0.1480	261	291,661	\$43,822.32	\$0.1503	261	284,512	\$42,357.67	\$0.1489
Commercial (1 Ph-Out - w/Demand)	EC1O	25	44,552	\$5,902.21	\$0.1325	25	44,645	\$5,891.25	\$0.1320	26	42,872	\$5,729.42	\$0.1336	25	43,761	\$5,916.71	\$0.1352
Total Commercial (1 Ph) w/Demand		284	423,750	\$59,599.36	\$0.1406	285	364,452	\$53,210.41	\$0.1460	287	334,533	\$49,551.74	\$0.1481	286	328,273	\$48,274.38	\$0.1471
Commercial (3 Ph-Out - No Dmd)	EC4O	2	80	\$46.17	\$0.5771	2	40	\$41.09	\$1.0273	2	80	\$46.22	\$0.5778	2	17,480	\$2,292.64	\$0.1312
Total Commercial (3 Ph) No Dmd		2	80	\$46.17	\$0.5771	2	40	\$41.09	\$1.0273	2	80	\$46.22	\$0.5778	2	17,480	\$2,292.64	\$0.1312
Commercial (3 Ph-In - w/Demand)	EC3	204	1,692,732	\$214,231.62	\$0.1266	205	1,517,308	\$193,360.95	\$0.1274	205	1,433,490	\$184,075.24	\$0.1284	204	1,281,988	\$166,754.24	\$0.1301
Commercial (3 Ph-Out - w/Demand)	EC3O	38	325,955	\$41,725.26	\$0.1280	38	294,347	\$39,396.29	\$0.1338	38	437,383	\$55,388.91	\$0.1266	37	498,587	\$62,293.93	\$0.1249
Commercial (3 Ph-Out - w/Dmd.&Sub-St)	E3SO	3	116,000	\$13,869.38	\$0.1196	3	129,040	\$15,176.79	\$0.1176	3	111,840	\$13,266.17	\$0.1186	3	124,400	\$14,870.27	\$0.1195
Commercial (3 Ph-In - w/Demand, No Ta)	EC3T	1	5,480	\$770.10	\$0.1405	1	4,360	\$641.13	\$0.1470	1	4,720	\$688.22	\$0.1458	1	1,880	\$317.02	\$0.1686
Total Commercial (3 Ph) w/Demand		246	2,140,167	\$270,596.36	\$0.1264	247	1,945,055	\$248,575.16	\$0.1278	247	1,987,433	\$253,418.54	\$0.1275	245	1,906,855	\$244,235.46	\$0.1281
Large Power (In - w/Dmd & Rct)	EL1	20	2,337,738	\$237,863.72	\$0.1017	20	2,135,368	\$229,141.71	\$0.1073	20	2,168,883	\$222,936.81	\$0.1028	20	2,006,153	\$213,358.86	\$0.1064
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,123,509	\$108,039.15	\$0.0962	3	1,135,244	\$106,358.90	\$0.0937	3	1,022,737	\$97,146.25	\$0.0950	3	927,688	\$88,035.71	\$0.0949
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	537,600	\$53,006.22	\$0.0986	1	550,800	\$53,439.61	\$0.0970	1	540,000	\$52,214.92	\$0.0967	1	480,000	\$48,097.78	\$0.1002
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	81,360	\$16,071.48	\$0.1975	2	76,818	\$10,209.80	\$0.1329	2	88,348	\$8,206.94	\$0.0929	2	85,831	\$8,470.21	\$0.0987
Total Large Power		26	4,080,207	\$414,980.57	\$0.1017	26	3,898,230	\$399,150.02	\$0.1024	26	3,819,968	\$380,504.92	\$0.0996	26	3,499,672	\$357,962.56	\$0.1023
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,129,616	\$99,604.19	\$0.0882	1	1,112,781	\$97,747.46	\$0.0878	1	1,089,751	\$95,026.41	\$0.0872	1	1,008,863	\$93,691.01	\$0.0929
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	796,422	\$72,352.61	\$0.0908	1	957,307	\$86,295.32	\$0.0901	1	793,944	\$73,110.92	\$0.0921	1	580,356	\$61,860.44	\$0.1066
Total Industrial		2	1,926,038	\$171,956.80	\$0.0893	2	2,070,088	\$184,042.78	\$0.0889	2	1,883,695	\$168,137.33	\$0.0893	2	1,589,219	\$155,551.45	\$0.0979
Interdepartmental (In - No Dmd)	ED1	8	30,204	\$3,954.95	\$0.1309	9	30,726	\$3,903.70	\$0.1270	9	35,134	\$4,725.24	\$0.1345	9	47,039	\$5,798.00	\$0.1233
Interdepartmental (Out - w/Dmd)	ED2O	2	288	\$60.78	\$0.2110	2	365	\$70.50	\$0.1933	2	269	\$58.51	\$0.2175	2	275	\$59.76	\$0.2173
Interdepartmental (In - w/Dmd)	ED2	26	20,645	\$2,940.06	\$0.1424	26	22,151	\$3,130.33	\$0.1413	28	44,216	\$5,978.93	\$0.1352	32	59,195	\$8,039.29	\$0.1358
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	191,075	\$22,412.21	\$0.1173	11	170,644	\$19,992.77	\$0.1172	11	192,105	\$24,351.34	\$0.1268	11	232,067	\$29,509.11	\$0.1272
Interdepartmental (Street Lights)	EDSL	7	62,879	\$5,850.15	\$0.0930	7	63,071	\$5,865.70	\$0.0930	7	63,071	\$5,850.46	\$0.0928	7	63,071	\$5,874.10	\$0.0931
Interdepartmental (Traffic Signals)	EDTS	9	1,641	\$151.75	\$0.0925	9	1,699	\$157.09	\$0.0925	9	1,805	\$166.87	\$0.0924	9	1,768	\$163.49	\$0.0925
Generators (JV2 Power Cost Only)	GJV2	1	19,650	\$149.14	\$0.0076	1	19,414	\$144.39	\$0.0229	1	21,949	\$501.75	\$0.0229	1	24,724	\$724.66	\$0.0293
Generators (JV5 Power Cost Only)	GJV5	1	12,615	\$95.75	\$0.0076	1	11,906	\$272.53	\$0.0229	1	11,273	\$257.70	\$0.0229	1	14,021	\$410.96	\$0.0293
Total Interdepartmental		65	338,997	\$35,614.79	\$0.1051	66	319,976	\$33,837.07	\$0.1057	68	369,822	\$41,890.80	\$0.1133	72	442,160	\$50,579.37	\$0.1144
SUB-TOTAL CONSUMPTION & DEMAND		5,876	12,588,081	\$1,397,938.72	\$0.1111	5,899	12,241,728	\$1,360,213.60	\$0.1111	5,892	11,862,989	\$1,317,942.26	\$0.1111	5,882	11,821,141	\$1,354,053.34	\$0.1145
Street Lights (In)	SLO	13	0	\$13.28	\$0.0000	13	0	\$13.28	\$0.0000	13	0	\$13.29	\$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	\$1.92	\$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	\$15.21	\$0.0000	15	0	\$15.20	\$0.0000
TOTAL CONSUMPTION & DEMAND		5,891	12,588,081	\$1,397,953.91	\$0.1111	5,914	12,241,728	\$1,360,228.80	\$0.1111	5,907	11,862,989	\$1,317,957.47	\$0.1111	5,897	11,821,141	\$1,354,068.54	\$0.1145

BILLING SUMMARY AND CO																					
AUGUST, 2018																					
2018 - AUGUST BILLING WITH JUNE 2018 AMP																					
Class and/or Schedule	Rate Code	Feb-18				Mar-18				Apr-18				May-18				Jun-18			
		# of Bills	(kWh Usage)	Billed	Cost / kWh For Month	# of Bills	(kWh Usage)	Billed	Cost / kWh For Month	# of Bills	(kWh Usage)	Billed	Cost / kWh For Month	# of Bills	(kWh Usage)	Billed	Cost / kWh For Month	# of Bills	(kWh Usage)		
Residential (Dom-In)	E1	3,343	2,600,843	\$315,462.64	\$0.1213	3,335	2,361,100	\$298,911.41	\$0.1266	3,327	1,844,873	\$230,921.77	\$0.1252	3,338	2,025,759	\$250,458.51	\$0.1236	3,335	1,635,032		
Residential (Dom-In) w/Ecosmart	E1E	8	4,499	\$559.08	\$0.1243	8	4,002	\$520.81	\$0.1301	8	3,412	\$438.16	\$0.1284	8	3,653	\$463.51	\$0.1269	8	3,214		
Residential (Dom-In - All Electric)	E2	602	864,143	\$101,722.88	\$0.1177	606	786,539	\$96,518.49	\$0.1227	606	573,242	\$69,171.99	\$0.1207	599	614,613	\$73,494.30	\$0.1196	609	393,792		
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	535	\$66.78	\$0.1248	1	523	\$67.78	\$0.1296	1	464	\$59.06	\$0.1273	1	499	\$62.77	\$0.1258	1	440		
Total Residential (Domestic)		3,954	3,470,020	\$417,811.38	\$0.1204	3,950	3,152,164	\$396,018.49	\$0.1256	3,942	2,421,991	\$300,590.98	\$0.1241	3,946	2,644,524	\$324,479.09	\$0.1227	3,953	2,032,478		
Residential (Rural-Out)	ER1	771	986,496	\$124,341.31	\$0.1260	771	908,972	\$119,325.99	\$0.1313	772	716,346	\$92,931.50	\$0.1297	772	764,153	\$98,209.08	\$0.1285	778	587,622		
Residential (Rural-Out) w/Ecosmart	ER1E	4	4,035	\$517.35	\$0.1282	4	3,609	\$483.33	\$0.1339	4	2,843	\$378.47	\$0.1331	4	2,900	\$383.51	\$0.1322	4	1,927		
Residential (Rural-Out - All Electric)	ER2	377	639,067	\$79,311.81	\$0.1241	376	583,114	\$75,345.72	\$0.1292	376	442,647	\$56,439.39	\$0.1275	375	466,587	\$59,001.30	\$0.1265	376	340,371		
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	3,571	\$442.41	\$0.1239	2	3,058	\$395.64	\$0.1294	2	2,323	\$296.55	\$0.1277	2	2,756	\$346.45	\$0.1257	2	1,963		
Residential (Rural-Out w/Dmd)	ER3	16	93,486	\$11,174.66	\$0.1195	16	25,797	\$3,325.21	\$0.1289	16	29,177	\$3,628.53	\$0.1244	16	22,621	\$2,837.29	\$0.1254	16	37,210		
Residential (Rural-Out - All Electric w/Dmt)	ER4	9	11,992	\$1,508.09	\$0.1258	9	11,504	\$1,502.79	\$0.1306	9	9,571	\$1,229.30	\$0.1284	9	9,461	\$1,210.66	\$0.1280	9	7,732		
Total Residential (Rural)		1,179	1,738,647	\$217,295.63	\$0.1250	1,178	1,536,054	\$200,378.68	\$0.1305	1,179	1,202,907	\$154,903.78	\$0.1288	1,178	1,268,478	\$161,988.29	\$0.1277	1,185	976,825		
Commercial (1 Ph-In - No Dmd)	EC2	73	43,883	\$6,642.26	\$0.1514	74	41,741	\$6,562.97	\$0.1572	73	34,316	\$5,405.33	\$0.1575	73	36,466	\$5,675.44	\$0.1556	71	31,323		
Commercial (1 Ph-Out - No Dmd)	EC2O	48	12,402	\$2,206.58	\$0.1779	48	10,219	\$1,966.08	\$0.1924	48	7,512	\$1,569.60	\$0.2089	48	7,657	\$1,584.22	\$0.2069	48	6,691		
Total Commercial (1 Ph) No Dmd		121	56,285	\$8,848.84	\$0.1572	122	51,960	\$8,529.05	\$0.1641	121	41,828	\$6,974.93	\$0.1668	121	44,123	\$7,259.66	\$0.1645	119	38,014		
Commercial (1 Ph-In - w/Demand)	EC1	261	328,599	\$48,114.24	\$0.1464	261	339,671	\$51,012.55	\$0.1502	259	288,035	\$43,656.93	\$0.1516	260	307,573	\$45,594.90	\$0.1482	261	280,232		
Commercial (1 Ph-Out - w/Demand)	EC1O	25	50,064	\$6,772.87	\$0.1353	25	52,526	\$7,223.28	\$0.1375	25	46,069	\$6,223.60	\$0.1351	25	48,846	\$6,563.38	\$0.1344	25	44,323		
Total Commercial (1 Ph) w/Demand		286	378,663	\$54,887.11	\$0.1449	286	392,197	\$58,235.83	\$0.1485	284	334,104	\$49,880.58	\$0.1493	285	356,419	\$52,158.28	\$0.1463	286	324,555		
Commercial (3 Ph-Out - No Dmd)	EC4O	2	30,880	\$4,075.47	\$0.1320	2	1,400	\$226.32	\$0.1617	2	80	\$46.57	\$0.5821	2	160	\$57.04	\$0.3565	2	160		
Total Commercial (3 Ph) No Dmd		2	30,880	\$4,075.47	\$0.1320	2	1,400	\$226.32	\$0.1617	2	80	\$46.57	\$0.5821	2	160	\$57.04	\$0.3565	2	160		
Commercial (3 Ph-In - w/Demand)	EC3	206	1,371,679	\$179,694.62	\$0.1310	204	1,414,470	\$190,732.90	\$0.1348	205	1,352,644	\$177,660.41	\$0.1313	206	1,259,932	\$167,538.58	\$0.1330	208	1,329,700		
Commercial (3 Ph-Out - w/Demand)	EC3O	37	387,026	\$50,165.48	\$0.1296	37	336,281	\$45,317.24	\$0.1348	37	302,403	\$40,173.61	\$0.1328	37	291,806	\$38,489.64	\$0.1319	37	249,671		
Commercial (3 Ph-Out - w/Dmd.&Sub-St)	E3SO	3	121,400	\$14,925.35	\$0.1229	3	128,240	\$16,205.40	\$0.1264	3	116,440	\$14,345.29	\$0.1232	3	112,760	\$13,817.29	\$0.1225	3	111,800		
Commercial (3 Ph-In - w/Demand, No Ta)	EC3T	1	1,880	\$246.39	\$0.1311	1	1,920	\$259.83	\$0.1353	1	1,840	\$244.53	\$0.1329	1	1,560	\$211.67	\$0.1357	1	1,760		
Total Commercial (3 Ph) w/Demand		247	1,881,985	\$245,031.84	\$0.1302	245	1,880,911	\$252,515.37	\$0.1343	246	1,773,327	\$232,423.80	\$0.1311	247	1,666,058	\$220,057.18	\$0.1321	249	1,692,931		
Large Power (In - w/Dmd & Rct)	EL1	20	1,814,927	\$198,455.18	\$0.1093	20	2,068,532	\$229,984.97	\$0.1112	20	1,817,901	\$205,936.90	\$0.1133	20	1,963,523	\$210,241.35	\$0.1071	20	2,043,094		
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	966,577	\$96,296.51	\$0.0996	3	949,906	\$96,998.93	\$0.1021	3	969,637	\$96,304.33	\$0.0993	3	1,045,153	\$100,795.15	\$0.0964	3	1,039,022		
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	367,200	\$41,884.75	\$0.1141	1	523,200	\$56,086.13	\$0.1072	1	444,000	\$47,885.41	\$0.1079	1	471,600	\$50,751.07	\$0.1076	1	465,600		
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	116,013	\$10,980.28	\$0.0946	2	110,023	\$10,673.16	\$0.0970	2	96,895	\$9,570.11	\$0.0988	2	90,319	\$16,168.72	\$0.1790	2	56,601		
Total Large Power		26	3,264,717	\$347,616.72	\$0.1065	26	3,651,661	\$393,743.19	\$0.1078	26	3,328,433	\$359,696.76	\$0.1081	26	3,570,595	\$377,956.29	\$0.1059	26	3,604,317		
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	839,013	\$84,432.41	\$0.1006	1	1,048,501	\$101,993.48	\$0.0973	1	992,995	\$96,681.73	\$0.0974	1	1,108,376	\$103,727.01	\$0.0936	1	1,020,923		
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	589,615	\$64,585.76	\$0.1095	1	749,970	\$75,744.35	\$0.1010	1	736,520	\$72,152.25	\$0.0980	1	786,160	\$74,992.99	\$0.0954	1	834,510		
Total Industrial		2	1,428,628	\$149,018.17	\$0.1043	2	1,798,471	\$177,737.83	\$0.0988	2	1,729,515	\$168,833.98	\$0.0976	2	1,894,536	\$178,720.00	\$0.0943	2	1,855,433		
Interdepartmental (In - No Dmd)	ED1	9	63,930	\$7,771.28	\$0.1216	10	60,747	\$7,601.39	\$0.1251	9	48,986	\$6,069.77	\$0.1239	9	47,900	\$5,970.07	\$0.1246	11	30,233		
Interdepartmental (Out - w/Dmd)	ED2O	2	257	\$57.92	\$0.2254	2	265	\$60.17	\$0.2271	2	249	\$57.06	\$0.2292	2	383	\$74.54	\$0.1946	2	375		
Interdepartmental (In - w/Dmd)	ED2	30	85,669	\$11,592.07	\$0.1353	27	72,209	\$10,123.32	\$0.1402	27	52,880	\$7,304.00	\$0.1381	27	55,096	\$7,563.78	\$0.1373	27	26,820		
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	317,586	\$38,870.80	\$0.1224	11	280,875	\$35,935.72	\$0.1279	11	247,163	\$31,549.71	\$0.1276	11	235,246	\$29,667.69	\$0.1261	11	214,351		
Interdepartmental (Street Lights)	EDSL	7	63,071	\$5,866.74	\$0.0930	7	63,071	\$5,859.59	\$0.0929	7	63,071	\$5,855.66	\$0.0928	7	63,071	\$5,867.78	\$0.0930	7	63,071		
Interdepartmental (Traffic Signals)	EDTS	9	1,772	\$163.83	\$0.0925	9	1,800	\$166.43	\$0.0925	9	1,574	\$145.53	\$0.0925	9	1,683	\$155.62	\$0.0925	9	1,458		
Generators (JV2 Power Cost Only)	GJV2	1	30,393	\$1,009.05	\$0.0332	1	27,905	\$375.32	\$0.0134	1	22,929	\$567.95	\$0.0248	1	23,658	\$606.35	\$0.0256	1	19,731		
Generators (JV5 Power Cost Only)	GJV5	1	19,852	\$659.09	\$0.0332	1	16,182	\$217.65	\$0.0135	1	14,121	\$349.78	\$0.0248	1	15,046	\$399.17	\$0.0265	1	12,430		
Total Interdepartmental		70	582,530	\$65,990.78	\$0.1133	68	523,054	\$60,339.59	\$0.1154	67	450,973	\$51,899.46	\$0.1151	67	442,083	\$50,305.00	\$0.1138	69	368,469		
SUB-TOTAL CONSUMPTION & DEMAND		5,887	12,832,355	\$1,510,575.94	\$0.1177	5,879	12,987,872	\$1,547,724.35	\$0.1192	5,869	11,283,158	\$1,325,250.84	\$0.1175	5,874	11,886,976	\$1,372,980.83	\$0.1155	5,891	10,893,182		
Street Lights (In)	SLO	13	0	\$13.28	\$0.0000	13	0	\$13.28	\$0.0000	13	0	\$13.28	\$0.0000	14	3,877	\$30.60	\$0.0079	14	0		
Street Lights (Out)	SLOO	2	0	\$1.91	\$0.0000	2	0	\$1.91	\$0.0000	2	0	\$1.91	\$0.0000	2	0	\$1.91	\$0.0000	2	0		
Total Street Light Only		15	0	\$15.19	\$0.0000	15	0	\$15.19	\$0.0000	15	0	\$15.20	\$0.0000	16	3,877	\$32.51	\$0.0084	16	0		
TOTAL CONSUMPTION & DEMAND		5,902	12,832,355	\$1,510,591.13	\$0.1177	5,894	12,987,872	\$1,547,739.54	\$0.1192	5,884	11,283,158	\$1,325,266.04	\$0.1175								

BILLING SUMMARY AND CO												
AUGUST, 2018												
2018 - AUGUST BILLING WITH JUNE 2018 AMP												
Class and/or Schedule	Rate Code	Jun-18 Billed	Cost / kWh For Month	# of Bills	Jul-18 (kWh Usage)	Jul-18 Billed	Cost / kWh For Month	TOTAL	TOTAL	Avg.Cost	Avg.Num.	Avg.Per.%
								KWH USEAGE PRIOR 12 MO	BILLING PRIOR 12 MO	Per kWh For Period	of Bills For Period	of Bills For Period
Residential (Dom-In)	E1	\$206,075.76	\$0.1260	3,338	2,295,429	\$295,529.06	\$0.1287	26,676,525	\$3,244,878.98	\$0.1216	3,338	56.5677%
Residential (Dom-In) w/Ecosmart	E1E	\$413.78	\$0.1287	8	4,978	\$645.47	\$0.1297	56,257	\$6,931.56	\$0.1232	9	0.1440%
Residential (Dom-In - All Electric)	E2	\$48,468.41	\$0.1231	611	391,996	\$50,714.07	\$0.1294	6,210,053	\$746,046.69	\$0.1201	604	10.2430%
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	\$56.08	\$0.1275	1	574	\$74.89	\$0.1305	6,632	\$817.88	\$0.1233	1	0.0169%
Total Residential (Domestic)		\$255,014.03	\$0.1255	3,958	2,692,977	\$346,963.49	\$0.1288	32,949,467	\$3,998,675.11	\$0.1214	3,952	66.9717%
Residential (Rural-Out)	ER1	\$77,418.16	\$0.1317	781	750,836	\$101,456.97	\$0.1351	9,176,637	\$1,169,925.34	\$0.1275	776	13.1466%
Residential (Rural-Out) w/Ecosmart	ER1E	\$268.34	\$0.1393	4	2,824	\$392.21	\$0.1389	34,583	\$4,547.66	\$0.1315	4	0.0678%
Residential (Rural-Out - All Electric)	ER2	\$44,096.83	\$0.1296	375	401,084	\$53,774.49	\$0.1341	5,348,319	\$674,117.24	\$0.1260	376	6.3692%
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	\$252.62	\$0.1287	2	2,000	\$269.44	\$0.1347	27,361	\$3,462.74	\$0.1266	2	0.0339%
Residential (Rural-Out w/Dmd)	ER3	\$4,559.30	\$0.1225	16	26,514	\$3,461.34	\$0.1305	499,884	\$60,412.59	\$0.1209	16	0.2712%
Residential (Rural-Out - All Electric w/Dm	ER4	\$1,006.25	\$0.1301	9	8,050	\$1,094.00	\$0.1359	141,760	\$17,675.22	\$0.1247	9	0.1525%
Total Residential (Rural)		\$127,601.50	\$0.1306	1,187	1,191,308	\$160,448.45	\$0.1347	15,228,544	\$1,930,140.79	\$0.1267	1,183	20.0412%
Commercial (1 Ph-In - No Dmd)	EC2	\$4,977.81	\$0.1589	73	34,703	\$5,661.85	\$0.1632	457,276	\$70,260.42	\$0.1536	74	1.2513%
Commercial (1 Ph-Out - No Dmd)	EC2O	\$1,457.49	\$0.2178	48	7,605	\$1,625.00	\$0.2137	102,037	\$20,250.76	\$0.1985	48	0.8135%
Total Commercial (1 Ph) No Dmd		\$6,435.30	\$0.1693	121	42,308	\$7,286.85	\$0.1722	559,313	\$90,511.18	\$0.1618	122	2.0647%
Commercial (1 Ph-In - w/Demand)	EC1	\$42,801.57	\$0.1527	260	306,074	\$48,757.18	\$0.1593	3,884,412	\$575,655.29	\$0.1482	260	4.4062%
Commercial (1 Ph-Out - w/Demand)	EC1O	\$5,986.77	\$0.1351	25	45,411	\$6,431.09	\$0.1416	541,745	\$73,619.13	\$0.1359	25	0.4237%
Total Commercial (1 Ph) w/Demand		\$48,788.34	\$0.1503	285	351,485	\$55,188.27	\$0.1570	4,426,157	\$649,274.42	\$0.1467	285	4.8299%
Commercial (3 Ph-Out - No Dmd)	EC4O	\$57.06	\$0.3566	2	80	\$47.02	\$0.5878	50,520	\$7,017.78	\$0.1389	2	0.0339%
Total Commercial (3 Ph) No Dmd		\$57.06	\$0.3566	2	80	\$47.02	\$0.5878	50,520	\$7,017.78	\$0.1389	2	0.0339%
Commercial (3 Ph-In - w/Demand)	EC3	\$176,847.10	\$0.1330	208	1,451,198	\$201,102.33	\$0.1386	17,293,963	\$2,255,019.61	\$0.1304	205	3.4741%
Commercial (3 Ph-Out - w/Demand)	EC3O	\$34,289.25	\$0.1373	37	266,981	\$37,840.28	\$0.1417	3,929,681	\$515,053.62	\$0.1311	37	0.6341%
Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	\$13,732.62	\$0.1228	3	115,360	\$14,950.00	\$0.1296	1,418,920	\$172,978.54	\$0.1219	3	0.0508%
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	\$231.87	\$0.1317	1	1,840	\$378.71	\$0.2058	35,080	\$5,046.79	\$0.1439	1	0.0169%
Total Commercial (3 Ph) w/Demand		\$225,100.84	\$0.1330	249	1,835,379	\$254,271.32	\$0.1385	22,677,644	\$2,948,098.56	\$0.1300	246	4.1760%
Large Power (In - w/Dmd & Rct)	EL1	\$218,841.15	\$0.1071	20	2,215,512	\$251,260.17	\$0.1134	25,240,580	\$2,691,635.13	\$0.1066	20	0.3389%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	\$101,982.44	\$0.0982	3	1,090,293	\$111,938.86	\$0.1027	12,538,862	\$1,217,814.52	\$0.0971	3	0.0508%
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	\$50,028.09	\$0.1074	1	465,600	\$52,786.32	\$0.1134	5,685,600	\$593,044.63	\$0.1043	1	0.0169%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	\$14,415.51	\$0.2547	2	80,064	\$15,683.06	\$0.1959	1,034,986	\$154,497.62	\$0.1493	2	0.0339%
Total Large Power		\$385,267.19	\$0.1069	26	3,851,469	\$431,668.41	\$0.1121	44,500,028	\$4,656,991.90	\$0.1047	26	0.4406%
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	\$96,972.73	\$0.0950	1	1,100,078	\$109,317.34	\$0.0994	12,684,280	\$1,174,112.70	\$0.0926	1	0.0169%
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	\$78,206.94	\$0.0937	1	875,036	\$86,537.35	\$0.0989	9,061,737	\$875,755.33	\$0.0966	1	0.0169%
Total Industrial		\$175,179.67	\$0.0944	2	1,975,114	\$195,854.69	\$0.0992	21,746,017	\$2,049,868.03	\$0.0943	2	0.0339%
Interdepartmental (In - No Dmd)	ED1	\$4,061.10	\$0.1343	11	40,778	\$5,716.66	\$0.1402	540,296	\$68,153.50	\$0.1261	9	0.1568%
Interdepartmental (Out - w/Dmd)	ED2O	\$73.51	\$0.1960	2	566	\$102.15	\$0.1805	4,321	\$854.02	\$0.1976	2	0.0339%
Interdepartmental (In - w/Dmd)	ED2	\$3,855.19	\$0.1437	28	25,027	\$3,787.47	\$0.1513	510,557	\$70,883.43	\$0.1388	28	0.4675%
Interdepartmental (3Ph-In - w/Dmd)	ED3	\$28,052.21	\$0.1309	11	126,536	\$17,385.49	\$0.1374	2,598,694	\$324,242.57	\$0.1248	11	0.1864%
Interdepartmental (Street Lights)	EDSL	\$5,846.52	\$0.0927	7	63,071	\$5,867.81	\$0.0930	756,276	\$70,303.70	\$0.0930	7	0.1186%
Interdepartmental (Traffic Signals)	EDTS	\$134.83	\$0.0925	9	1,710	\$158.12	\$0.0925	20,200	\$1,867.77	\$0.0925	9	0.1525%
Generators (JV2 Power Cost Only)	GJV2	\$666.32	\$0.0338	1	16,343	\$476.89	\$0.0292	261,864	\$6,319.25	\$0.0241	1	0.0169%
Generators (JV5 Power Cost Only)	GJV5	\$419.76	\$0.0338	1	11,874	\$346.48	\$0.0292	164,406	\$3,997.54	\$0.0243	1	0.0169%
Total Interdepartmental		\$43,109.44	\$0.1170	70	285,905	\$33,841.07	\$0.1184	4,856,614	\$546,621.78	\$0.1126	68	1.1496%
SUB-TOTAL CONSUMPTION & DEMAND		\$1,266,553.37	\$0.1163	5,900	12,226,025	\$1,485,569.57	\$0.1215	146,994,304	\$16,877,199.55	\$0.1148	5,886	99.7416%
Street Lights (In)	SLO	\$13.44	\$0.0000	14	0	\$13.43	\$0.0000	3,877	\$177.00	\$0.0457	13	0.2245%
Street Lights (Out)	SLOO	\$1.92	\$0.0000	2	0	\$1.91	\$0.0000	0	\$22.98	\$0.0000	2	0.0339%
Total Street Light Only		\$15.36	\$0.0000	16	0	\$15.34	\$0.0000	3,877	\$199.98	\$0.0516	15	0.2584%
TOTAL CONSUMPTION & DEMAND		\$1,266,568.73	\$0.1163	5,916	12,226,025	\$1,485,584.91	\$0.1215	146,998,181	\$16,877,399.53	\$0.1148	5,901	100.0000%

Napoleon Capacity Plan - Actual															
Jun	2018	ACTUAL DEMAND =		30.80	MW										
Days	30	ACTUAL ENERGY =		13,836	MWH										
	SOURCE	DEMAND MW	DEMAND MW-MO	ENERGY MWH	LOAD FACTOR	DEMAND RATE \$/KW	ENERGY RATE \$/MWH	CONGESTION/ OSSES \$/MWH	CAPACITY CREDIT RATE \$/KW	TRANSMISSION CREDIT RATE \$/KW	TOTAL CHARGES (16)	EFFECTIVE RATE \$/MWH (17)	% OF DOLLARS (18)		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(16)	(17)	(18)		
1	NYPA - Ohio	0.56	0.56	455	114%	\$6.96	\$11.70	\$7.00			\$7,687	\$16.91	0.6%		
2	JV5	3.09	3.09	2,223	100%	\$29.16	\$20.75				\$104,872	\$47.17	8.5%		
3	JV5 Losses	0.00	0.00	33	0%						\$0		0.0%		
4	JV6	0.30	0.30	27	12%	\$5.31					\$1,448	\$54.61	0.1%		
5	AMP-Hydro	3.50	3.50	1,812	72%	\$61.02	\$30.00	\$4.95			\$272,401	\$150.32	22.2%		
6	Meldahl	0.50	0.50	282	78%	\$34.33	\$30.00	-\$2.01			\$22,887	\$81.13	1.9%		
7	Greenup	0.33	0.33	135	57%	\$32.00	\$1.39	\$1.30			\$9,698	\$71.66	0.8%		
8	AFEC	8.77	8.77	4,419	70%	\$8.88	\$20.21	\$2.84			\$141,561	\$32.03	11.5%		
9	Prairie State	4.98	4.98	3,671	102%	\$32.55	\$16.53	\$4.85			\$220,942	\$60.19	18.0%		
10	AMP Solar Phase I	1.04	1.04	81	11%		\$87.00				\$7,015	\$87.00	0.6%		
11	Morgan Stanley 2015-2020 7x24	3.80	3.80	2,736	100%		\$62.95	\$1.53			\$176,421	\$64.48	14.4%		
12	AMPCT	12.40	12.40	98	1%	\$2.55	\$90.55				-\$55,928	-\$571.23	-4.6%		
13	JV2	0.26	0.26	2	1%	\$2.57	\$50.44				-\$1,245		-0.1%		
14	NPP Pool Purchases	0.00	0.00	183	0%		\$49.27				\$9,031	\$49.27	0.7%		
15	NPP Pool Sales	0.00		-2,343	0%		\$28.34				-\$66,403	\$28.34	-5.4%		
	POWER TOTAL	39.52	39.52	13,813	49%	\$608,966	\$395,269	\$3.35			-\$134,658	-\$65,478	\$850,387	\$61.56	69.3%
16	Energy Efficiency			0							\$16,014		1.3%		
17	Installed Capacity	29.05	29.05			\$6.68					\$194,008	\$14.02	15.8%		
18	Transmission	29.69	29.69	11,590		\$5.12	\$0.57				\$158,695	\$11.47	12.9%		
19	Service Fee B			13,836			\$0.58				\$8,025	\$0.58	0.7%		
20	Dispatch Charge			13,836			\$0.03				\$442	\$0.03	0.0%		
	OTHER TOTAL					\$346,104	\$31,079				\$377,184	\$27.26	30.7%		
GRAND TOTAL PURCHASED				13,813							\$1,227,571				
Delivered to members		30.802	30.802	13,836	62%						\$1,227,571	\$88.73	100.0%		
		DEMAND		ENERGY	L.F.						TOTAL \$	\$/MWh	Avg Temp		
	2018 Forecast	29.86		13,764	64%						\$1,249,497	\$90.78	69.5		
	2017 Actual	31.43		13,609	60%						\$1,168,940	\$85.89	70.1		
	2016 Actual	30.14		13,893	64%						\$1,064,872	\$76.65	70.9		
											Actual Temp		72.1		



AMERICAN MUNICIPAL POWER, INC.

1111 Schrock Rd, Suite 100

COLUMBUS, OHIO 43229

PHONE: (614) 540-1111

FAX: (614) 540-1078

City of Napoleon

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

INVOICE NUMBER: 203714

INVOICE DATE: 7/17/2018

DUE DATE: 8/1/2018

TOTAL AMOUNT DUE: \$1,092,081.87

CUSTOMER NUMBER: 5020

CUSTOMER P.O. #: RG10046

PLEASE WRITE INVOICE NUMBER ON
REMITTANCE. MAKE CHECK PAYABLE TO AMP

Northern Power Pool Billing - June, 2018

MUNICIPAL PEAK: 30,802 kW
TOTAL METERED ENERGY: 13,835,547 kWh

Total Power Charges:	\$729,964.09
Transmission / Capacity / Ancillary Services:	\$352,702.30
Total Other Charges:	\$11,413.24
Total Miscellaneous Charges:	-\$1,997.76

GRAND TOTAL POWER INVOICE: \$1,092,081.87

DETAIL INFORMATION OF POWER CHARGES June , 2018
Napoleon

FOR THE MONTH OF:	June, 2018	Total Metered Load kWh:	13,835,547
		Transmission Losses kWh:	-22,270
		Distribution Losses kWh:	0
		Total Energy Req. kWh:	13,813,277
TIME OF FENTS PEAK:	06/18/2018 @ H.E. 13:00	COINCIDENT PEAK kW:	30,487
TIME OF MUNICIPAL PEAK:	06/18/2018 @ H.E. 14:00	MUNICIPAL PEAK kW:	30,802
TRANSMISSION PEAK:	July 19, 2017 18:00	TRANSMISSION PEAK kW:	29,687
		PJM Capacity Requirement kW:	29,050

Napoleon Resources

AMP CT - Sched @ ATSI			
Demand Charge:	\$2.550000	/ kW *	12,400 kW = \$31,620.00
Energy Charge:	\$0.090550	/ kWh *	97,909 kWh = \$8,865.66
Transmission Credit:	\$3.924655	/ kW *	-12,400 kW = -\$48,665.72
Capacity Credit:	\$3.850662	/ kW *	-12,400 kW = -\$47,748.21
Subtotal			97,909 kWh = -\$55,928.27
Fremont - sched @ Fremont			
Demand Charge:	\$3.831268	/ kW *	8,767 kW = \$33,588.73
Energy Charge:	\$0.020231	/ kWh *	4,419,239 kWh = \$89,407.38
Net Congestion, Losses, FTR:	\$0.002838	/ kWh *	\$12,542.92
Capacity Credit:	\$4.351655	/ kW *	-8,767 kW = -\$38,150.96
Debt Service	\$5.051645	/ kW	8,767 kW = \$44,287.77
Adjustment for prior month:			-\$114.61
Subtotal			4,419,239 kWh = \$141,561.23
AMP Hydro CSW - Sched @ PJMC			
Demand Charge:	\$61.020000	/ kW *	3,498 kW = \$213,447.96
Energy Charge:	\$0.031750	/ kWh *	1,812,164 kWh = \$57,536.21
Net Congestion, Losses, FTR:	\$0.004951	/ kWh *	\$8,971.29
Capacity Credit:	\$1.253176	/ kW *	-3,498 kW = -\$4,383.61
REC Credit (Estimate)	-\$0.001750	/ kWh	1,812,164 kWh = -\$3,171.29
Subtotal			1,812,164 kWh = \$272,400.56
Meldahl Hydro - Sched @ Meldahl Bus			
Demand Charge:	\$34.330000	/ kW *	504 kW = \$17,302.32
Energy Charge:	\$0.031750	/ kWh *	282,094 kWh = \$8,956.48
Net Congestion, Losses, FTR:	-\$0.002009	/ kWh *	-\$566.63
Capacity Credit:	\$4.585734	/ kW *	-504 kW = -\$2,311.21
REC Credit (Estimate)			-\$493.66
Subtotal			282,094 kWh = \$22,887.30
JV6 - Sched @ ATSI			
Demand Charge:			300 kW
Energy Charge:			26,506 kWh
Transmission Credit:	\$0.155833	/ kW *	-300 kW = -\$46.75
Capacity Credit:	\$0.331667	/ kW *	-300 kW = -\$99.50
Subtotal			26,506 kWh = -\$146.25
Greenup Hydro - Sched @ Greenup Bus			
Demand Charge:	\$6.843424	/ kW *	330 kW = \$2,258.33
Energy Charge:	\$0.003140	/ kWh *	135,341 kWh = \$424.95
Net Congestion, Losses, FTR:	\$0.001299	/ kWh *	\$175.80
Capacity Credit:	\$3.713091	/ kW *	-330 kW = -\$1,225.32
Debt Service	\$19.601758	/ kW	330 kW = \$6,468.58
Board Approved Rate Levelization			\$1,832.90
REC Credit (Estimate)			-\$236.85
Subtotal			135,341 kWh = \$9,698.39
Prairie State - Sched @ PJMC			
Demand Charge:	\$11.584168	/ kW *	4,976 kW = \$57,642.82
Energy Charge:	\$0.013163	/ kWh *	3,670,607 kWh = \$48,315.19
Net Congestion, Losses, FTR:	\$0.004847	/ kWh *	\$17,791.58
Capacity Credit:	\$3.920904	/ kW *	-4,976 kW = -\$19,510.42
Debt Service	\$20.213221	/ kW	4,976 kW = \$100,580.99
Transmission from PSEC to PJM/MISO, including non-Prairie State variable charges/credits	\$0.003369	/ kWh	3,670,607 kWh = \$12,365.44
Board Approved Rate Levelization			\$3,756.39
Subtotal			3,670,607 kWh = \$220,941.99
NYPA - Sched @ NYIS			
Demand Charge:	\$6.963022	/ kW *	556 kW = \$3,871.44
Energy Charge:	\$0.008220	/ kWh *	454,575 kWh = \$3,736.77
Net Congestion, Losses, FTR:	\$0.007003	/ kWh *	\$3,183.36
Capacity Credit:	\$5.011754	/ kW *	-935 kW = -\$4,685.99
Adjustment for prior month:			\$1,581.87
Subtotal			454,575 kWh = \$7,687.45
JV5 - 7X24 @ ATSI			
Demand Charge:			3,088 kW
Energy Charge:			2,223,360 kWh
Transmission Credit:	\$5.123342	/ kW *	-3,088 kW = -\$15,820.88
Capacity Credit:	\$5.009764	/ kW *	-3,088 kW = -\$15,470.15
Subtotal			2,223,360 kWh = -\$31,291.03
JV5 Losses - Sched @ ATSI			
Energy Charge:			32,508 kWh
Subtotal			32,508 kWh = \$0.00
JV2 - Sched @ ATSI			
Demand Charge:			264 kW

DETAIL INFORMATION OF POWER CHARGES June , 2018

Napoleon

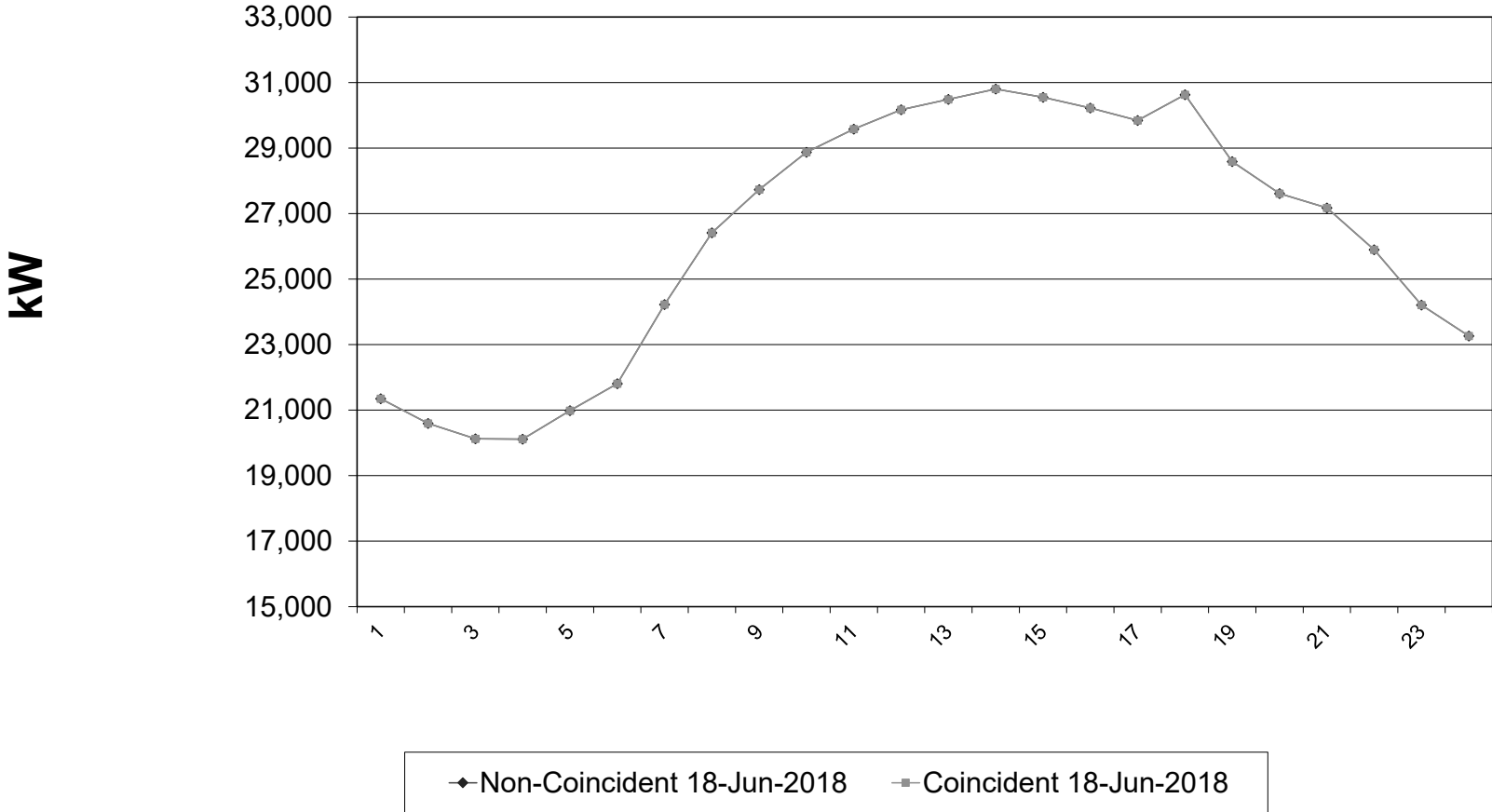
Energy Charge:	\$0.050437	/ kWh *	1,872 kWh =	\$94.41
Transmission Credit:	\$3.377879	/ kW *	-264 kW =	-\$891.76
Capacity Credit:	\$4.264053	/ kW *	-264 kW =	-\$1,125.71
Subtotal			1,872 kWh =	-\$1,923.06
AMP Solar Phase I - Sched @ ATSI				
Demand Charge:			1,040 kW	
Energy Charge:	\$0.087000	/ kWh *	80,631 kWh =	\$7,014.91
Subtotal			80,631 kWh =	\$7,014.91
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:	\$0.001531	/ kWh *		\$4,189.42
Subtotal			2,736,000 kWh =	\$176,420.62
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)	\$0.055435	/ kWh *	148,753 kWh =	\$8,246.19
Off Peak Energy Charge:	\$0.058949	/ kWh *	34,561 kWh =	\$2,037.31
Sale of Excess Non-Pool Resources to Pool	\$0.028343	/ kWh *	-2,342,842 kWh =	-\$66,402.91
Pool Congestion Hedge				-\$1,252.48
Subtotal	\$0.026567	/ kWh *	-2,159,528 kWh =	-\$57,371.89
Total Demand Charges:				\$310,932.75
Total Energy Charges:				\$419,031.34
Total Power Charges:			13,813,277 kWh	\$729,964.09
TRANSMISSION / CAPACITY / ANCILLARY SERVICES:				
Demand Charge:	\$5.123343	/ kW *	29,687 kW =	\$152,096.68
Energy Charge:	\$0.000569	/ kWh *	11,589,917 kWh =	\$6,597.87
RPM (Capacity) Charges:	\$6.678500	/ kW *	29,050 kW =	\$194,007.75
TRANSMISSION / CAPACITY / ANCILLARY SERVICES:	\$0.030432	/ kWh *	11,589,917 kWh =	\$352,702.30
Dispatch Center Charges:	\$0.000032	/ kWh *	13,835,547 kWh =	\$442.35
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 *	13,835,547 kWh =	\$8,024.62
TOTAL OTHER CHARGES:				\$11,413.24
MISCELLANEOUS CHARGES:				
Credit for PJM capacity revenues generated by Efficiency Smart projects				-\$1,997.76
TOTAL MISCELLANEOUS CHARGES:				-\$1,997.76
GRAND TOTAL POWER INVOICE:				\$1,092,081.87

NAPOLEON

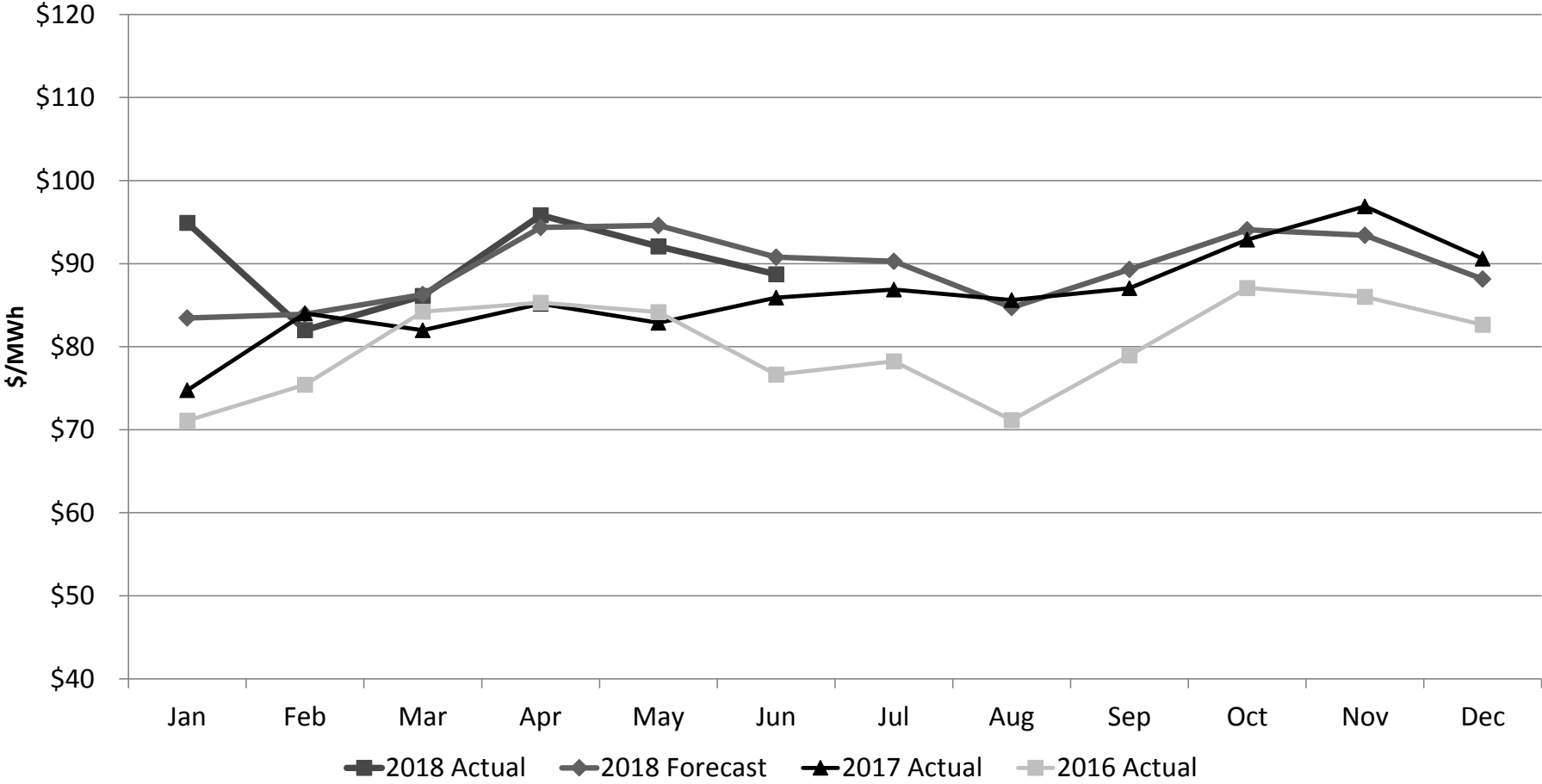
Date	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
Hour	6/1/2018	6/2/2018	6/3/2018	6/4/2018	6/5/2018	6/6/2018	6/7/2018	6/8/2018	6/9/2018	6/10/2018	6/11/2018	6/12/2018	6/13/2018	6/14/2018	6/15/2018
100	18,355	15,122	11,831	14,182	15,176	15,214	15,295	17,458	14,236	12,925	14,236	15,543	16,673	16,330	16,624
200	17,909	14,372	11,465	13,961	15,022	15,011	15,008	16,783	13,772	12,410	14,051	15,328	16,486	15,820	16,145
300	17,100	13,756	11,239	13,772	14,701	14,470	14,659	16,168	13,431	12,073	14,122	14,796	15,851	15,120	15,571
400	17,253	13,726	11,201	14,054	14,969	14,617	14,985	16,272	13,553	12,059	14,329	15,089	16,045	15,160	15,767
500	18,075	13,798	11,321	15,157	16,054	15,427	15,603	16,840	13,966	12,018	15,382	15,835	16,903	15,893	16,532
600	18,954	13,708	11,123	15,880	16,813	16,169	16,334	17,657	14,209	11,857	16,411	16,614	18,106	16,465	17,106
700	20,279	14,039	11,608	17,203	17,797	17,675	17,453	18,973	15,015	12,606	17,972	18,046	19,611	18,256	18,938
800	21,444	14,726	12,548	18,507	19,111	18,690	18,691	20,263	15,948	13,494	18,995	19,310	20,995	19,648	20,747
900	22,512	15,094	13,029	18,900	19,400	19,105	19,321	21,039	16,643	14,218	19,489	19,752	21,904	20,493	21,798
1000	23,347	15,387	13,946	19,335	19,720	19,121	19,946	21,601	16,942	14,626	19,931	20,156	23,032	21,412	22,568
1100	24,467	15,489	14,564	19,221	20,131	19,214	20,429	23,530	17,642	15,097	20,106	20,613	23,841	21,998	23,011
1200	25,328	15,751	15,111	19,626	20,148	19,545	21,412	23,668	17,684	15,586	20,504	20,960	24,435	22,692	23,680
1300	25,954	15,981	15,761	19,668	20,421	19,619	21,965	24,496	18,237	15,720	20,515	21,612	25,542	23,583	24,481
1400	26,070	15,560	15,780	19,755	20,291	19,658	22,566	24,072	18,160	15,730	20,883	21,536	25,532	23,721	25,102
1500	25,276	15,852	15,576	19,439	19,952	19,509	22,863	23,266	18,268	15,403	20,199	21,322	25,517	23,788	25,137
1600	23,950	15,733	16,190	19,355	20,179	19,639	23,312	22,275	17,652	15,758	20,294	21,298	25,018	23,948	24,727
1700	23,415	15,810	16,080	18,815	19,217	18,740	23,601	21,190	16,714	16,062	19,915	21,071	24,077	23,601	24,076
1800	23,175	15,698	16,263	18,508	19,078	18,929	23,749	20,472	16,218	15,821	19,520	20,550	23,265	23,343	23,743
1900	23,004	15,096	16,038	18,098	18,468	18,379	23,213	19,873	15,730	15,638	19,102	19,981	22,495	22,299	23,081
2000	21,959	14,673	15,732	17,715	18,029	18,190	22,710	19,614	15,732	15,711	18,601	20,126	21,569	21,527	21,991
2100	21,379	14,903	16,037	17,641	18,179	18,365	22,416	19,588	16,025	15,828	18,784	20,255	20,793	21,282	21,389
2200	20,510	14,339	15,708	17,168	17,472	17,761	21,320	18,378	15,383	15,146	17,958	19,330	19,732	20,139	19,990
2300	18,170	13,344	15,062	16,205	16,478	16,825	19,744	16,463	14,371	15,022	16,986	18,220	18,184	18,675	17,652
2400	16,242	12,476	14,868	15,642	15,859	16,081	18,551	15,104	13,620	14,731	16,347	17,469	17,231	17,418	16,053
Total	514,127	354,433	338,081	417,807	432,665	425,953	475,146	475,043	379,151	345,539	434,632	454,812	502,837	482,611	495,909

Date	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Hour	6/16/2018	6/17/2018	6/18/2018	6/19/2018	6/20/2018	6/21/2018	6/22/2018	6/23/2018	6/24/2018	6/25/2018	6/26/2018	6/27/2018	6/28/2018	6/29/2018	6/30/2018	7/1/2018
100	14,952	16,178	21,352	21,815	17,297	16,612	16,674	13,619	13,093	15,427	16,181	17,146	17,271	18,584	18,553	-
200	14,291	15,476	20,594	20,933	17,061	16,228	16,430	13,348	12,545	15,079	15,746	16,757	16,683	17,698	17,766	-
300	13,862	14,776	20,123	19,919	16,412	15,588	15,883	13,070	12,252	14,848	15,229	16,095	15,917	16,825	16,969	-
400	13,617	14,299	20,114	19,909	16,463	15,679	16,038	13,093	12,174	14,999	15,316	16,391	15,988	16,806	16,453	-
500	13,951	14,234	20,985	20,589	17,431	16,597	16,749	13,562	12,323	15,804	16,101	17,119	16,670	17,549	16,459	-
600	14,207	14,106	21,811	20,961	18,297	17,124	17,444	13,901	12,313	16,487	16,613	18,287	17,340	18,045	16,347	-
700	15,062	15,226	24,226	21,827	19,711	18,631	18,859	14,802	13,026	18,426	18,150	19,753	19,277	20,242	17,295	-
800	16,483	17,158	26,416	22,628	21,047	20,189	20,035	15,635	14,075	19,966	19,572	20,999	21,128	22,122	19,253	-
900	17,974	19,432	27,733	23,338	21,494	21,100	20,670	16,234	15,015	20,629	20,288	21,672	22,194	23,611	21,326	-
1000	18,758	21,214	28,874	23,924	22,004	21,568	21,193	16,532	15,751	21,318	21,239	22,227	23,234	24,781	22,645	-
1100	19,445	22,651	29,578	24,091	22,313	22,204	21,425	16,975	16,268	21,802	22,141	22,656	24,207	25,884	23,552	-
1200	20,594	23,778	30,171	23,886	23,060	22,781	21,345	17,216	16,725	22,407	22,860	23,301	25,067	26,827	24,606	-
1300	21,006	24,583	30,487	24,241	23,108	22,980	21,119	17,750	17,439	22,702	23,433	23,567	25,625	26,960	25,091	-
1400	21,643	24,883	30,802	24,736	22,971	22,927	21,034	16,757	18,065	22,699	23,625	23,518	26,195	27,704	25,093	-
1500	21,964	25,538	30,550	25,564	22,329	22,176	20,563	16,927	18,103	22,596	23,162	23,135	26,366	27,850	25,426	-
1600	22,165	25,655	30,223	24,118	21,768	21,602	20,015	17,057	19,090	22,332	22,669	23,346	26,765	27,782	25,617	-
1700	22,139	25,436	29,846	23,307	21,009	20,990	19,334	17,022	19,393	21,874	22,514	23,117	26,896	27,591	25,491	-
1800	22,330	25,267	30,629	22,475	20,417	20,425	18,720	16,930	19,291	21,519	22,162	23,071	26,794	28,327	25,333	-
1900	22,004	25,159	28,586	21,482	19,405	19,902	18,386	16,434	18,757	20,875	21,824	22,385	26,142	26,727	25,020	-
2000	21,369	25,022	27,614	21,159	19,711	19,692	18,211	15,892	18,299	20,265	21,630	21,615	25,188	26,007	24,090	-
2100	20,901	24,950	27,173	20,966	19,758	19,907	18,192	16,087	18,411	19,725	21,193	21,118	24,501	25,142	23,314	-
2200	20,005	24,311	25,898	19,990	19,134	19,031	17,556	15,543	17,944	18,882	20,351	20,313	23,206	24,085	22,102	-
2300	18,600	23,212	24,210	18,853	18,051	18,027	15,765	14,682	17,019	17,715	18,937	18,831	21,373	21,903	20,276	-
2400	17,285	22,354	23,264	17,896	17,141	17,152	14,441	13,807	16,291	16,773	17,852	17,948	19,874	19,969	19,005	-
Total	444,607	482,544	631,259	528,607	477,392	469,112	446,081	372,875	383,662	465,149	478,788	494,367	533,901	559,021	517,082	-
											Maximum	30,802	Minimum	11,123	Grand Total	13,835,547

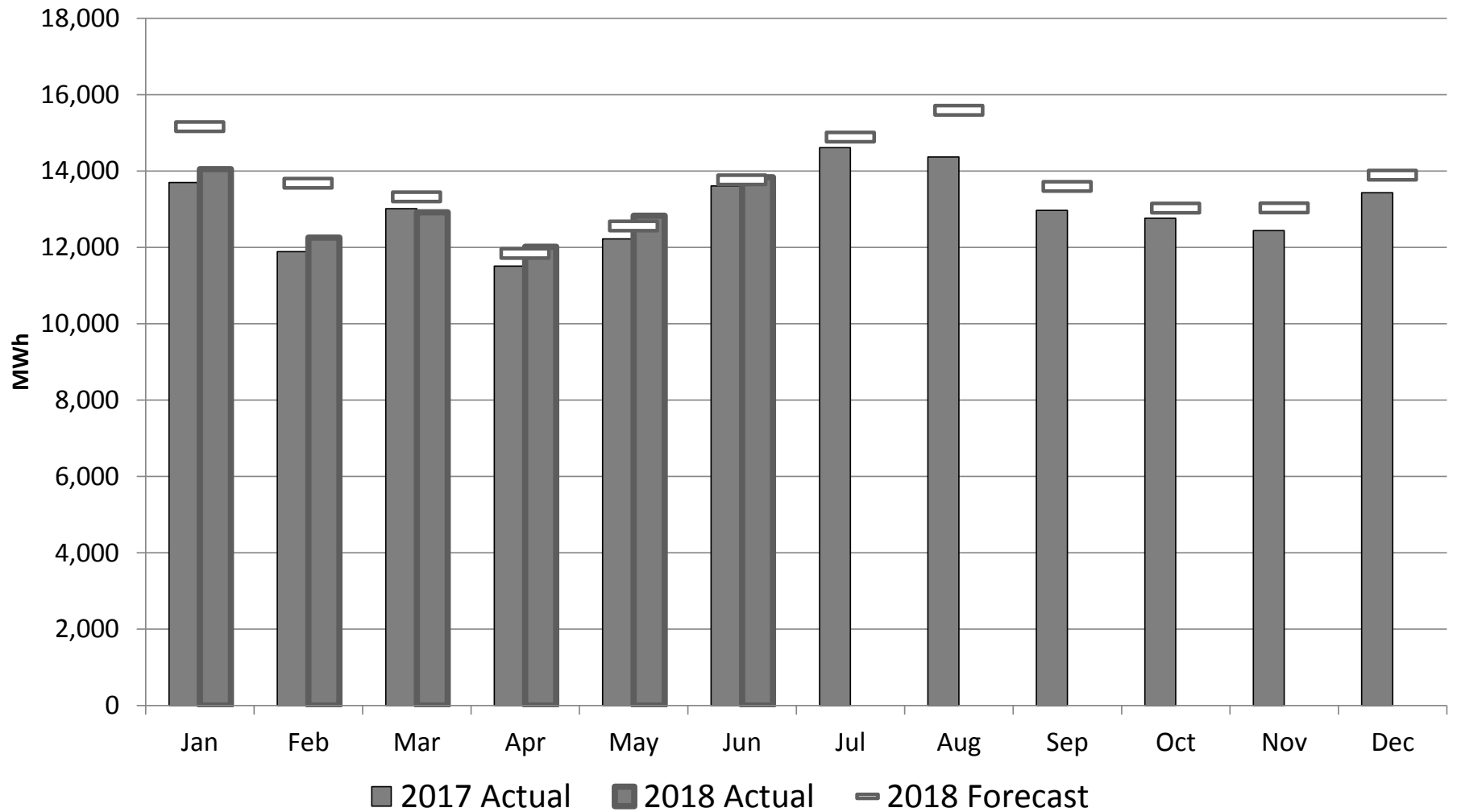
Napoleon Peak Day Load Curve



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: 203546

INVOICE DATE: 7/5/2018

DUE DATE: 7/16/2018

TOTAL AMOUNT DUE: \$678.35

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 -

June, 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		=	\$42.11

TOTAL CHARGES

\$678.35



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: 203610
INVOICE DATE: 7/3/2018
DUE DATE: 7/13/2018
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: June, 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

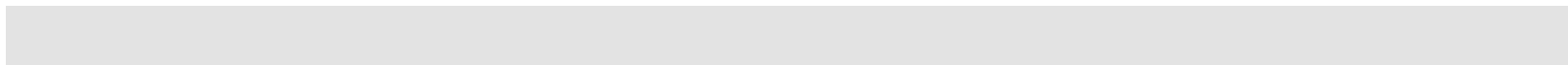
TOTAL DEMAND CHARGES:	\$11.226674	/ kW *	3,088 kW =	\$34,667.97
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ENERGY CHARGES:

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: 203652
INVOICE DATE: 7/3/2018
DUE DATE: 7/13/2018
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: July, 2018

Financing CHARGES:

Debt Service \$17.930000 / kW * 3,088 kW = \$55,367.84

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: 203670
INVOICE DATE: 7/2/2018
DUE DATE: 7/12/2018
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

July, 2018 -

Electric Fixed

Total

AMOUNT DUE FOR :

\$1,593.83

TOTAL CHARGES

\$1,593.83

2018 AUGUST BILLING - ELECTRIC PSCAF - RATE REVIEW COMPARISONS TO PRIOR PERIODS											
Rate Comparisons to Prior Month and Prior Year for Same Period											
			Current	Prior Month	Prior Year				Current	Prior Month	Prior Year
	Service	Service	August	July	August		Service	Service	August	July	August
Customer Type	Usage	Units	2018 Rate	2018 Rate	2017 Rate		Usage	Units	2018 Rate	2018 Rate	2017 Rate
<i>Customer Type -></i>			RESIDENTIAL USER - (w/Gas Heat)				RESIDENTIAL USER - (All Electric)				
Customer Charge			\$6.00	\$6.00	\$6.00				\$6.00	\$6.00	\$6.00
Distribution Energy Charge			\$20.93	\$20.93	\$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	\$21.54	\$20.70	\$10.24		1,976	kWh	\$43.51	\$41.83	\$20.69
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			\$124.22	\$123.38	\$112.92				\$235.94	\$234.26	\$213.12
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			\$273.16	\$272.32	\$257.54				\$445.47	\$443.79	\$414.76
Verification Totals->			\$273.16	\$272.32	\$257.54				\$445.47	\$443.79	\$414.76
				<i>Cr.Mo to Pr.Mo</i>	<i>Cr.Yr to Pr.Yr</i>					<i>Cr.Mo to Pr.Mo</i>	<i>Cr.Yr to Pr.Yr</i>
Dollar Chg.to Prior Periods				\$0.84	\$15.62					\$1.68	\$30.71
% Inc/Dec(-) to Prior Periods				0.31%	6.07%					0.38%	7.40%
=====											
Cost/kWh - Electric	978	kWh	\$0.12701	\$0.12616	\$0.11546		1,976	kWh	\$0.11940	\$0.11855	\$0.10785
% Inc/Dec(-) to Prior Periods				0.67%	10.00%					0.72%	10.71%
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%
<i>(Listed Accounts Assume SAME USAGE for kWh and Water (CCF) for All Billing Periods)</i>											
<i>(One "1" Unit CCF of Water = "Hundred Cubic Foot" = 748.05 Gallons)</i>											

2018 AUGUST BILLING - ELEC			RATE REVIEW COMPARISONS - Current to Prior Month and Prior Year									
Rate Comparisons to Prior Month and			Current			Prior Month			Prior Year			
	Service	Service	Current	Prior Month	Prior Year			Current	Prior Month	Prior Year		
Customer Type	Usage	Units	August	July	August	Service	Service	August	July	August		
			2018 Rate	2018 Rate	2017 Rate	Usage	Units	2018 Rate	2018 Rate	2017 Rate		
<i>Customer Type -></i>			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	\$155.02	\$149.04	\$73.71			\$18,118.12	\$17,418.74	\$8,614.75		
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			\$957.40	\$951.42	\$876.09			\$86,352.85	\$85,653.47	\$76,849.48		
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			\$1,321.51	\$1,315.53	\$1,221.25			\$90,342.65	\$89,643.27	\$80,638.58		
<i>Verification Totals-></i>			\$1,321.51	\$1,315.53	\$1,221.25			\$90,342.65	\$89,643.27	\$80,638.58		
				<i>Cr.Mo to Pr.Mo</i>	<i>Cr.Yr to Pr.Yr</i>				<i>Cr.Mo to Pr.Mo</i>	<i>Cr.Yr to Pr.Yr</i>		
Dollar Chg.to Prior Periods				\$5.98	\$100.26				\$699.38	\$9,704.07		
% Inc/Dec(-) to Prior Periods				0.45%	8.21%				0.78%	12.03%		
=====												
Cost/kWH - Electric	7,040	kWh	\$0.13599	\$0.13514	\$0.12444	866,108	kWh	\$0.09970	\$0.09889	\$0.08873		
% Inc/Dec(-) to Prior Periods				0.63%	9.28%				0.82%	12.36%		
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%		
<i>(Listed Accounts Assume SAME USA)</i>												
<i>(One "1" Unit CCF of Water = "Hundre</i>												

BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - AUGUST, 2018															
AUGUST, 2018															
2018 - AUGUST BILLING WITH JUNE 2018 AMP BILLING PERIOD AND JULY 2018 CITY CONSUMPTION AND BILLING DATA															
Class and/or Schedule	Rate Code	# of Bills	Jul-18		Billed kVa of Demand	Cost / kWh		Aug-17 # of Bills	Aug-17		Cost / kWh For Month	# of Bills	Sep-17		Cost / kWh For Month
			(kWh Usage)	Billed		Prior 12 Mo Average	Aug-17 (kWh Usage)		Billed	Sep-17 (kWh Usage)			Billed		
Residential (Dom-In)	E1	3,338	2,295,429	\$295,529.06	0	\$0.1287	\$0.1216	3,345	2,690,705	\$314,306.27	\$0.1168	3,342	2,976,085	\$345,350.78	\$0.1160
Residential (Dom-In) w/Ecosmart	E1E	8	4,978	\$645.47	0	\$0.1297	\$0.1232	9	6,295	\$742.17	\$0.1179	9	6,913	\$809.37	\$0.1171
Residential (Dom-In - All Electric)	E2	611	391,996	\$50,714.07	0	\$0.1294	\$0.1201	600	430,173	\$50,625.88	\$0.1177	608	462,086	\$54,138.22	\$0.1172
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	574	\$74.89	0	\$0.1305	\$0.1233	1	624	\$74.21	\$0.1189	1	913	\$105.77	\$0.1158
Total Residential (Domestic)		3,958	2,692,977	\$346,963.49	0	\$0.1288	\$0.1214	3,955	3,127,797	\$365,748.53	\$0.1169	3,960	3,445,997	\$400,404.14	\$0.1162
Residential (Rural-Out)	ER1	781	750,836	\$101,456.97	0	\$0.1351	\$0.1275	776	809,279	\$98,658.70	\$0.1219	776	867,199	\$106,585.60	\$0.1229
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,824	\$392.21	0	\$0.1389	\$0.1315	4	2,850	\$364.95	\$0.1281	4	3,102	\$393.53	\$0.1269
Residential (Rural-Out - All Electric)	ER2	375	401,084	\$53,774.49	0	\$0.1341	\$0.1260	377	425,821	\$52,319.41	\$0.1229	376	455,552	\$55,674.82	\$0.1222
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	2,000	\$269.44	0	\$0.1347	\$0.1266	2	2,035	\$252.01	\$0.1238	2	2,185	\$269.03	\$0.1231
Residential (Rural-Out w/Dmd)	ER3	16	26,514	\$3,461.34	236	\$0.1305	\$0.1209	16	15,934	\$1,973.79	\$0.1239	16	17,174	\$2,115.60	\$0.1232
Residential (Rural-Out - All Electric w/Dm)	ER4	9	8,050	\$1,094.00	64	\$0.1359	\$0.1247	9	7,593	\$955.60	\$0.1259	9	8,328	\$1,038.77	\$0.1247
Total Residential (Rural)		1,187	1,191,308	\$160,448.45	300	\$0.1347	\$0.1267	1,184	1,263,512	\$154,524.46	\$0.1223	1,183	1,353,540	\$166,077.35	\$0.1227
Commercial (1 Ph-In - No Dmd)	EC2	73	34,703	\$5,661.85	14	\$0.1632	\$0.1536	76	58,896	\$8,390.83	\$0.1425	76	40,897	\$6,098.23	\$0.1491
Commercial (1 Ph-Out - No Dmd)	EC2O	48	7,605	\$1,625.00	0	\$0.2137	\$0.1985	48	8,154	\$1,613.40	\$0.1979	48	7,971	\$1,589.79	\$0.1994
Total Commercial (1 Ph) No Dmd		121	42,308	\$7,286.85	14	\$0.1722	\$0.1618	124	67,050	\$10,004.23	\$0.1492	124	48,868	\$7,688.02	\$0.1573
Commercial (1 Ph-In - w/Demand)	EC1	260	306,074	\$48,757.18	1970	\$0.1593	\$0.1482	258	347,281	\$50,323.85	\$0.1449	259	411,769	\$58,197.76	\$0.1413
Commercial (1 Ph-Out - w/Demand)	EC1O	25	45,411	\$6,431.09	154	\$0.1416	\$0.1359	24	30,759	\$4,412.07	\$0.1434	25	47,917	\$6,566.44	\$0.1370
Total Commercial (1 Ph) w/Demand		285	351,485	\$55,188.27	2,124	\$0.1570	\$0.1467	282	378,040	\$54,735.92	\$0.1448	284	459,686	\$64,764.20	\$0.1409
Commercial (3 Ph-Out - No Dmd)	EC4O	2	80	\$47.02	8	\$0.5878	\$0.1389	2	40	\$41.09	\$1.0273	2	40	\$41.09	\$1.0273
Total Commercial (3 Ph) No Dmd		2	80	\$47.02	8	\$0.5878	\$0.1389	2	40	\$41.09	\$1.0273	2	40	\$41.09	\$1.0273
Commercial (3 Ph-In - w/Demand)	EC3	208	1,451,198	\$201,102.33	5453	\$0.1386	\$0.1304	200	1,550,308	\$196,114.84	\$0.1265	205	1,638,514	\$206,906.78	\$0.1263
Commercial (3 Ph-Out - w/Demand)	EC3O	37	266,981	\$37,840.28	1273	\$0.1417	\$0.1311	38	262,736	\$34,248.95	\$0.1304	38	276,505	\$35,724.78	\$0.1292
Commercial (3 Ph-Out - w/Dmd.&Sub-St.)	EC3SO	3	115,360	\$14,950.00	435	\$0.1296	\$0.1219	3	115,600	\$13,912.96	\$0.1204	3	116,040	\$13,907.06	\$0.1198
Commercial (3 Ph-In - w/Demand, No Ta)	EC3T	1	1,840	\$378.71	33	\$0.2058	\$0.1439	1	3,320	\$464.87	\$0.1400	1	4,520	\$592.45	\$0.1311
Total Commercial (3 Ph) w/Demand		249	1,835,379	\$254,271.32	7,194	\$0.1385	\$0.1300	242	1,931,964	\$244,741.62	\$0.1267	247	2,035,579	\$257,131.07	\$0.1263
Large Power (In - w/Dmd & Rct)	EL1	20	2,215,512	\$251,260.17	5174	\$0.1134	\$0.1066	20	2,241,398	\$230,431.42	\$0.1028	20	2,427,551	\$243,182.88	\$0.1002
Large Power (In - w/Dmd & Rct. w/SbCr)	EL2	3	1,090,293	\$111,938.86	2044	\$0.1027	\$0.0971	3	1,106,992	\$104,791.60	\$0.0947	3	1,162,104	\$109,126.69	\$0.0939
Large Power (Out - w/Dmd & Rct. w/SbCr)	EL2O	1	465,600	\$52,786.32	1082	\$0.1134	\$0.1043	1	355,200	\$39,089.96	\$0.1101	1	484,800	\$47,774.37	\$0.0985
Large Power (In - w/Dmd & Rct. w/SbCr)	EL3	2	80,064	\$15,683.06	563	\$0.1959	\$0.1493	2	72,757	\$14,892.80	\$0.2047	2	79,957	\$19,155.55	\$0.2396
Total Large Power		26	3,851,469	\$431,668.41	8,863	\$0.1121	\$0.1047	26	3,776,347	\$389,205.78	\$0.1031	26	4,154,412	\$419,239.49	\$0.1009
Industrial (In - w/Dmd & Rct. w/SbCr)	E1I	1	1,100,078	\$109,317.34	2023	\$0.0994	\$0.0926	1	1,058,217	\$93,929.97	\$0.0888	1	1,175,166	\$100,988.96	\$0.0859
Industrial (In - w/Dmd & Rct. No/SbCr)	E1I2	1	875,036	\$86,537.35	1531	\$0.0989	\$0.0966	1	625,090	\$61,785.34	\$0.0988	1	736,807	\$68,131.06	\$0.0925
Total Industrial		2	1,975,114	\$195,854.69	3,554	\$0.0992	\$0.0943	2	1,683,307	\$155,715.31	\$0.0925	2	1,911,973	\$169,120.02	\$0.0885
Interdepartmental (In - No Dmd)	ED1	11	40,778	\$5,716.66	169	\$0.1402	\$0.1261	9	51,101	\$6,163.94	\$0.1206	8	53,518	\$6,417.40	\$0.1199
Interdepartmental (Out - w/Dmd)	ED2O	2	566	\$102.15	0	\$0.1805	\$0.1976	2	472	\$84.14	\$0.1783	2	557	\$94.92	\$0.1704
Interdepartmental (In - w/Dmd)	ED2	28	25,027	\$3,787.47	0	\$0.1513	\$0.1388	27	22,367	\$3,169.47	\$0.1417	26	24,282	\$3,399.52	\$0.1400
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	126,536	\$17,385.49	555	\$0.1374	\$0.1248	11	195,150	\$23,572.78	\$0.1208	11	195,896	\$22,942.74	\$0.1171
Interdepartmental (Street Lights)	EDSL	7	63,071	\$5,867.81	0	\$0.0930	\$0.0930	7	62,879	\$5,848.05	\$0.0930	7	62,879	\$5,851.14	\$0.0931
Interdepartmental (Traffic Signals)	EDTS	9	1,710	\$158.12	0	\$0.0925	\$0.0925	9	1,575	\$145.62	\$0.0925	9	1,715	\$158.59	\$0.0925
Generators (JV2 Power Cost Only)	GJV2	1	16,343	\$476.89	28	\$0.0292	\$0.0000	1	16,988	\$380.02	\$0.0224	1	18,180	\$417.41	\$0.0230
Generators (JV5 Power Cost Only)	GJV5	1	11,874	\$346.48	18	\$0.0292	\$0.0000	1	12,382	\$276.99	\$0.0224	1	12,704	\$291.68	\$0.0230
Total Interdepartmental		70	285,905	\$33,841.07	770	\$0.1184	\$0.1126	67	362,914	\$39,641.01	\$0.1092	65	369,731	\$39,573.40	\$0.1070
SUB-TOTAL CONSUMPTION & DEMAND		5,900	12,226,025	\$1,485,569.57	22,827	\$0.1215	\$0.1148	5,884	12,590,971	\$1,414,357.95	\$0.1123	5,893	13,779,826	\$1,524,038.78	\$0.1106
Street Lights (In)	SLO	14	0	\$13.43	0	\$0.0000	\$0.0457	13	0	\$13.28	\$0.0000	13	0	\$13.28	\$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	0	\$15.34	0	\$0.0000	\$0.0516	15	0	\$15.19	\$0.0000	15	0	\$15.20	\$0.0000
TOTAL CONSUMPTION & DEMAND		5,916	12,226,025	\$1,485,584.91	22,827	\$0.1215	\$0.1148	5,899	12,590,971	\$1,414,373.14	\$0.1123	5,908	13,779,826	\$1,524,053.98	\$0.1106

BILLING SUMMARY AND COM																		
AUGUST, 2018																		
2018 - AUGUST BILLING WITH JUNE 2018 AMP E																		
Class and/or Schedule	Rate Code	# of Bills	Oct-17		Cost / kWh For Month	Nov-17		Cost / kWh For Month	Dec-17		Cost / kWh For Month	Jan-18		Cost / kWh For Month				
			(kWh Usage)	Billed		(kWh Usage)	Billed		(kWh Usage)	Billed		(kWh Usage)	Billed					
Residential (Dom-In)	E1	3,332	2,223,727	\$263,326.85	\$0.1184	3,342	2,183,770	\$258,960.04	\$0.1186	3,343	1,828,366	\$220,986.13	\$0.1209	3,335	2,010,836	\$244,589.76	\$0.1216	
Residential (Dom-In) w/Ecosmart	E1E	9	5,030	\$604.13	\$0.1201	9	5,189	\$621.37	\$0.1197	9	4,265	\$522.82	\$0.1226	9	4,807	\$590.89	\$0.1229	
Residential (Dom-In - All Electric)	E2	601	358,277	\$42,791.55	\$0.1194	607	359,718	\$42,973.88	\$0.1195	600	411,193	\$48,798.42	\$0.1187	604	564,281	\$66,628.60	\$0.1181	
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	601	\$71.72	\$0.1193	1	498	\$60.45	\$0.1214	1	543	\$65.68	\$0.1210	1	418	\$52.69	\$0.1261	
Total Residential (Domestic)		3,943	2,587,635	\$306,794.25	\$0.1186	3,959	2,549,175	\$302,615.74	\$0.1187	3,953	2,244,367	\$270,373.05	\$0.1205	3,949	2,580,342	\$311,861.94	\$0.1209	
Residential (Rural-Out)	ER1	777	664,288	\$83,537.14	\$0.1258	782	671,146	\$84,360.08	\$0.1257	780	685,224	\$86,337.74	\$0.1260	773	765,076	\$96,763.07	\$0.1265	
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,206	\$291.63	\$0.1322	4	2,317	\$304.24	\$0.1313	4	2,675	\$346.59	\$0.1296	4	3,295	\$423.51	\$0.1285	
Residential (Rural-Out - All Electric)	ER2	376	361,254	\$44,970.86	\$0.1245	375	356,797	\$44,441.94	\$0.1246	375	403,035	\$49,945.45	\$0.1239	376	472,990	\$58,795.22	\$0.1243	
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	1,534	\$194.96	\$0.1271	2	1,712	\$215.25	\$0.1257	2	1,834	\$230.21	\$0.1255	2	2,390	\$298.17	\$0.1248	
Residential (Rural-Out w/Dmd)	ER3	16	12,662	\$1,603.74	\$0.1267	16	15,601	\$1,938.09	\$0.1242	16	64,428	\$7,518.60	\$0.1167	16	139,280	\$16,276.44	\$0.1169	
Residential (Rural-Out - All Electric w/Dm)	ER4	9	7,172	\$907.99	\$0.1266	9	7,142	\$904.42	\$0.1266	9	24,064	\$2,842.60	\$0.1181	9	29,151	\$3,474.71	\$0.1192	
Total Residential (Rural)		1,184	1,049,116	\$131,506.32	\$0.1253	1,188	1,054,715	\$132,164.02	\$0.1253	1,186	1,181,260	\$147,221.19	\$0.1246	1,180	1,412,182	\$176,031.12	\$0.1247	
Commercial (1 Ph-In - No Dmd)	EC2	76	34,747	\$5,333.29	\$0.1535	76	32,527	\$5,050.68	\$0.1553	73	33,935	\$5,213.13	\$0.1536	72	33,842	\$5,248.60	\$0.1551	
Commercial (1 Ph-Out - No Dmd)	EC2O	48	7,344	\$1,510.81	\$0.2057	48	7,470	\$1,526.63	\$0.2044	48	7,896	\$1,585.34	\$0.2008	48	11,116	\$2,015.82	\$0.1813	
Total Commercial (1 Ph) No Dmd		124	42,091	\$6,844.10	\$0.1626	124	39,997	\$6,577.31	\$0.1644	121	41,831	\$6,798.47	\$0.1625	120	44,958	\$7,264.42	\$0.1616	
Commercial (1 Ph-In - w/Demand)	EC1	259	379,198	\$53,697.15	\$0.1416	260	319,807	\$47,319.16	\$0.1480	261	291,661	\$43,822.32	\$0.1503	261	284,512	\$42,357.67	\$0.1489	
Commercial (1 Ph-Out - w/Demand)	EC1O	25	44,552	\$5,902.21	\$0.1325	25	44,645	\$5,891.25	\$0.1320	26	42,872	\$5,729.42	\$0.1336	25	43,761	\$5,916.71	\$0.1352	
Total Commercial (1 Ph) w/Demand		284	423,750	\$59,599.36	\$0.1406	285	364,452	\$53,210.41	\$0.1460	287	334,533	\$49,551.74	\$0.1481	286	328,273	\$48,274.38	\$0.1471	
Commercial (3 Ph-Out - No Dmd)	EC4O	2	80	\$46.17	\$0.5771	2	40	\$41.09	\$1.0273	2	80	\$46.22	\$0.5778	2	17,480	\$2,292.64	\$0.1312	
Total Commercial (3 Ph) No Dmd		2	80	\$46.17	\$0.5771	2	40	\$41.09	\$1.0273	2	80	\$46.22	\$0.5778	2	17,480	\$2,292.64	\$0.1312	
Commercial (3 Ph-In - w/Demand)	EC3	204	1,692,732	\$214,231.62	\$0.1266	205	1,517,308	\$193,360.95	\$0.1274	205	1,433,490	\$184,075.24	\$0.1284	204	1,281,988	\$166,754.24	\$0.1301	
Commercial (3 Ph-Out - w/Demand)	EC3O	38	325,955	\$41,725.26	\$0.1280	38	294,347	\$39,396.29	\$0.1338	38	437,383	\$55,388.91	\$0.1266	37	498,587	\$62,293.93	\$0.1249	
Commercial (3 Ph-Out - w/Dmd.&Sub-St.)	E3SO	3	116,000	\$13,869.38	\$0.1196	3	129,040	\$15,176.79	\$0.1176	3	111,840	\$13,266.17	\$0.1186	3	124,400	\$14,870.27	\$0.1195	
Commercial (3 Ph-In - w/Demand, No Tax)	EC3T	1	5,480	\$770.10	\$0.1405	1	4,360	\$641.13	\$0.1470	1	4,720	\$688.22	\$0.1458	1	1,880	\$317.02	\$0.1686	
Total Commercial (3 Ph) w/Demand		246	2,140,167	\$270,596.36	\$0.1264	247	1,945,055	\$248,575.16	\$0.1278	247	1,987,433	\$253,418.54	\$0.1275	245	1,906,855	\$244,235.46	\$0.1281	
Large Power (In - w/Dmd & Rct)	EL1	20	2,337,738	\$237,863.72	\$0.1017	20	2,135,368	\$229,141.71	\$0.1073	20	2,168,883	\$222,936.81	\$0.1028	20	2,006,153	\$213,358.86	\$0.1064	
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,123,509	\$108,039.15	\$0.0962	3	1,135,244	\$106,358.90	\$0.0937	3	1,022,737	\$97,146.25	\$0.0950	3	927,688	\$88,035.71	\$0.0949	
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	537,600	\$53,006.22	\$0.0986	1	550,800	\$53,439.61	\$0.0970	1	540,000	\$52,214.92	\$0.0967	1	480,000	\$48,097.78	\$0.1002	
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	81,360	\$16,071.48	\$0.1975	2	76,818	\$10,209.80	\$0.1329	2	88,348	\$8,206.94	\$0.0929	2	85,831	\$8,470.21	\$0.0987	
Total Large Power		26	4,080,207	\$414,980.57	\$0.1017	26	3,898,230	\$399,150.02	\$0.1024	26	3,819,968	\$380,504.92	\$0.0996	26	3,499,672	\$357,962.56	\$0.1023	
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,129,616	\$99,604.19	\$0.0882	1	1,112,781	\$97,747.46	\$0.0878	1	1,089,751	\$95,026.41	\$0.0872	1	1,008,863	\$93,691.01	\$0.0929	
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	796,422	\$72,352.61	\$0.0908	1	957,307	\$86,295.32	\$0.0901	1	793,944	\$73,110.92	\$0.0921	1	580,356	\$61,860.44	\$0.1066	
Total Industrial		2	1,926,038	\$171,956.80	\$0.0893	2	2,070,088	\$184,042.78	\$0.0899	2	1,883,695	\$168,137.33	\$0.0893	2	1,589,219	\$155,551.45	\$0.0979	
Interdepartmental (In - No Dmd)	ED1	8	30,204	\$3,954.95	\$0.1309	9	30,726	\$3,903.70	\$0.1270	9	35,134	\$4,725.24	\$0.1345	9	47,039	\$5,798.00	\$0.1233	
Interdepartmental (Out - w/Dmd)	ED2O	2	288	\$60.78	\$0.2110	2	365	\$70.56	\$0.1933	2	269	\$58.51	\$0.2175	2	275	\$59.76	\$0.2173	
Interdepartmental (In - w/Dmd)	ED2	26	20,645	\$2,940.06	\$0.1424	26	22,151	\$3,130.33	\$0.1413	28	44,216	\$5,978.93	\$0.1352	32	59,195	\$8,039.29	\$0.1358	
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	191,075	\$22,412.21	\$0.1173	11	170,644	\$19,992.77	\$0.1172	11	192,105	\$24,351.34	\$0.1268	11	232,067	\$29,509.11	\$0.1272	
Interdepartmental (Street Lights)	EDSL	7	62,879	\$5,850.15	\$0.0930	7	63,071	\$5,865.70	\$0.0930	7	63,071	\$5,850.46	\$0.0928	7	63,071	\$5,874.10	\$0.0931	
Interdepartmental (Traffic Signals)	EDTS	9	1,641	\$151.75	\$0.0925	9	1,699	\$157.09	\$0.0925	9	1,805	\$166.87	\$0.0924	9	1,768	\$163.49	\$0.0925	
Generators (JV2 Power Cost Only)	GJV2	1	19,650	\$149.14	\$0.0076	1	19,414	\$444.39	\$0.0229	1	21,949	\$501.75	\$0.0229	1	24,724	\$724.66	\$0.0293	
Generators (JV5 Power Cost Only)	GJV5	1	12,615	\$95.75	\$0.0076	1	11,906	\$272.53	\$0.0229	1	11,273	\$257.70	\$0.0229	1	14,021	\$410.96	\$0.0293	
Total Interdepartmental		65	338,997	\$35,614.79	\$0.1051	66	319,976	\$33,837.07	\$0.1057	68	369,822	\$41,890.80	\$0.1133	72	442,160	\$50,579.37	\$0.1144	
SUB-TOTAL CONSUMPTION & DEMAND		5,876	12,588,081	\$1,397,938.72	\$0.1111	5,899	12,241,728	\$1,360,213.80	\$0.1111	5,892	11,862,989	\$1,317,942.26	\$0.1111	5,882	11,821,141	\$1,354,053.34	\$0.1145	
Street Lights (In)	SLO	13	0	\$13.28	\$0.0000	13	0	\$13.28	\$0.0000	13	0	\$13.29	\$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	\$1.92	\$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	\$15.21	\$0.0000	15	0	\$15.20	\$0.0000	
TOTAL CONSUMPTION & DEMAND		5,891	12,588,081	\$1,397,953.91	\$0.1111	5,914	12,241,728	\$1,360,228.80	\$0.1111	5,907	11,862,989	\$1,317,957.47	\$0.1111	5,897	11,821,141	\$1,354,068.54	\$0.1145	

BILLING SUMMARY AND COST																			
AUGUST, 2018																			
2018 - AUGUST BILLING WITH JUNE 2018 AMP E																			
Class and/or Schedule	Rate Code	Feb-18		Mar-18		Apr-18		May-18		Jun-18									
		# of Bills	(kWh Usage)	# of Bills	(kWh Usage)	# of Bills	(kWh Usage)	# of Bills	(kWh Usage)	# of Bills	(kWh Usage)								
		Feb-18	Feb-18	Mar-18	Mar-18	Apr-18	Apr-18	May-18	May-18	Jun-18	Jun-18								
		Cost / kWh For Month	Cost / kWh For Month	Cost / kWh For Month	Cost / kWh For Month	Cost / kWh For Month	Cost / kWh For Month	Cost / kWh For Month	Cost / kWh For Month	Cost / kWh For Month	Cost / kWh For Month								
Residential (Dom-In)	E1	3,343	2,600,843	3,335	2,361,100	3,327	1,844,873	3,338	2,025,759	3,335	2,025,759								
Residential (Dom-In) w/Ecosmart	E1E	8	4,499	8	4,002	8	3,412	8	3,653	8	3,653								
Residential (Dom-In - All Electric)	E2	602	864,143	606	786,539	606	573,242	599	614,613	609	614,613								
Res. (Dom-In - All Elec.) w/Ecosmart	E2E	1	535	1	523	1	464	1	499	1	499								
Total Residential (Domestic)		3,954	3,470,020	3,950	3,152,164	3,942	2,421,991	3,946	2,644,524	3,953	2,644,524								
Residential (Rural-Out)	ER1	771	986,496	771	908,972	772	716,346	772	764,153	778	764,153								
Residential (Rural-Out) w/Ecosmart	ER1E	4	4,035	4	3,609	4	2,843	4	2,900	4	2,900								
Residential (Rural-Out - All Electric)	ER2	377	639,067	376	583,114	376	442,647	375	466,587	376	466,587								
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2	3,571	2	3,058	2	2,323	2	2,756	2	2,756								
Residential (Rural-Out w/Dmd)	ER3	16	93,486	16	25,797	16	29,177	16	22,621	16	22,621								
Residential (Rural-Out - All Electric w/Dm	ER4	9	11,992	9	11,504	9	9,571	9	9,461	9	9,461								
Total Residential (Rural)		1,179	1,738,647	1,178	1,536,054	1,179	1,202,907	1,178	1,268,478	1,185	1,268,478								
Commercial (1 Ph-In - No Dmd)	EC2	73	43,883	74	41,741	73	34,316	73	36,466	71	36,466								
Commercial (1 Ph-Out - No Dmd)	EC2O	48	12,402	48	10,219	48	7,512	48	7,657	48	7,657								
Total Commercial (1 Ph) No Dmd		121	56,285	122	51,960	121	41,828	121	44,123	119	44,123								
Commercial (1 Ph-In - w/Demand)	EC1	261	328,599	261	339,671	259	288,035	260	307,573	261	307,573								
Commercial (1 Ph-Out - w/Demand)	EC1O	25	50,064	25	52,526	25	46,069	25	48,846	25	48,846								
Total Commercial (1 Ph) w/Demand		286	378,663	286	392,197	284	334,104	285	356,419	286	356,419								
Commercial (3 Ph-Out - No Dmd)	EC4O	2	30,880	2	1,400	2	80	2	160	2	160								
Total Commercial (3 Ph) No Dmd		2	30,880	2	1,400	2	80	2	160	2	160								
Commercial (3 Ph-In - w/Demand)	EC3	206	1,371,679	204	1,414,470	205	1,352,644	206	1,259,932	208	1,259,932								
Commercial (3 Ph-Out - w/Demand)	EC3O	37	387,026	37	336,281	37	302,403	37	291,806	37	291,806								
Commercial (3 Ph-Out - w/Dmd.&Sub-St.	E3SO	3	121,400	3	128,240	3	116,440	3	112,760	3	112,760								
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	1,880	1	1,920	1	1,840	1	1,560	1	1,560								
Total Commercial (3 Ph) w/Demand		247	1,881,985	245	1,880,911	246	1,773,327	247	1,666,058	249	1,666,058								
Large Power (In - w/Dmd & Rct)	EL1	20	1,814,927	20	2,068,532	20	1,817,901	20	1,963,523	20	1,963,523								
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	966,577	3	949,906	3	969,637	3	1,045,153	3	1,045,153								
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	1	367,200	1	523,200	1	444,000	1	471,600	1	471,600								
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	116,013	2	110,023	2	96,895	2	90,319	2	90,319								
Total Large Power		26	3,264,717	26	3,651,661	26	3,328,433	26	3,570,595	26	3,570,595								
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	839,013	1	1,048,501	1	992,995	1	1,108,376	1	1,108,376								
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	589,615	1	749,970	1	736,520	1	786,160	1	786,160								
Total Industrial		2	1,428,628	2	1,798,471	2	1,729,515	2	1,894,536	2	1,894,536								
Interdepartmental (In - No Dmd)	ED1	9	63,930	10	60,747	9	48,986	9	47,900	11	47,900								
Interdepartmental (Out - w/Dmd)	ED2O	2	257	2	265	2	249	2	383	2	383								
Interdepartmental (In - w/Dmd)	ED2	30	85,669	27	72,209	27	52,880	27	55,096	27	55,096								
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	317,586	11	280,875	11	247,163	11	235,246	11	235,246								
Interdepartmental (Street Lights)	EDSL	7	63,071	7	63,071	7	63,071	7	63,071	7	63,071								
Interdepartmental (Traffic Signals)	EDTS	9	1,772	9	1,800	9	1,574	9	1,683	9	1,683								
Generators (JV2 Power Cost Only)	GJV2	1	30,393	1	27,905	1	22,929	1	23,658	1	23,658								
Generators (JV5 Power Cost Only)	GJV5	1	19,852	1	16,182	1	14,121	1	15,046	1	15,046								
Total Interdepartmental		70	582,530	68	523,054	67	450,973	67	442,083	69	442,083								
SUB-TOTAL CONSUMPTION & DEMAND		5,887	12,832,355	5,879	12,987,872	5,869	11,283,158	5,874	11,886,976	5,891	11,886,976								
Street Lights (In)	SLO	13	0	13	0	13	0	14	3,877	14	3,877								
Street Lights (Out)	SLOO	2	0	2	0	2	0	2	0	2	0								
Total Street Light Only		15	0	15	0	15	0	16	3,877	16	3,877								
TOTAL CONSUMPTION & DEMAND		5,902	12,832,355	5,894	12,987,872	5,884	11,283,158	5,890	11,890,853	5,907	11,890,853								

BILLING SUMMARY AND COM															
AUGUST, 2018															
2018 - AUGUST BILLING WITH JUNE 2018 AMP E															
Class and/or Schedule	Rate Code	Jun-18		Cost / kWh For Month	# of Bills	Jul-18		Cost / kWh For Month	TOTAL KWH USEAGE		TOTAL BILLING		Avg. Cost Per kWh For Period	Avg. Num. of Bills For Period	Avg. Per. % of Bills For Period
		(kWh Usage) Billed	Billed			(kWh Usage) Billed	Billed		PRIOR 12 MO	PRIOR 12 MO					
Residential (Dom-In)	E1	1,635,032	\$206,075.76	\$0.1260	3,338	2,295,429	\$295,529.06	\$0.1287	26,676,525	\$3,244,878.98	\$0.1216	3,338	56.5677%		
Residential (Dom-In) w/Ecosmart	E1E	3,214	\$413.78	\$0.1287	8	4,978	\$645.47	\$0.1297	56,257	\$6,931.56	\$0.1232	9	0.1440%		
Residential (Dom-In - All Electric)	E2	393,792	\$48,468.41	\$0.1231	611	391,996	\$50,714.07	\$0.1294	6,210,053	\$746,046.69	\$0.1201	604	10.2430%		
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	440	\$56.08	\$0.1275	1	574	\$74.89	\$0.1305	6,632	\$817.88	\$0.1233	1	0.0169%		
Total Residential (Domestic)		2,032,478	\$255,014.03	\$0.1255	3,958	2,692,977	\$346,963.49	\$0.1288	32,949,467	\$3,998,675.11	\$0.1214	3,952	66.9717%		
Residential (Rural-Out)	ER1	587,622	\$77,418.16	\$0.1317	781	750,836	\$101,456.97	\$0.1351	9,176,637	\$1,169,925.34	\$0.1275	776	13.1466%		
Residential (Rural-Out) w/Ecosmart	ER1E	1,927	\$268.34	\$0.1393	4	2,824	\$392.21	\$0.1389	34,583	\$4,547.66	\$0.1315	4	0.0678%		
Residential (Rural-Out - All Electric)	ER2	340,371	\$44,096.83	\$0.1296	375	401,084	\$53,774.49	\$0.1341	5,348,319	\$674,117.24	\$0.1260	376	6.3692%		
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	1,963	\$252.62	\$0.1287	2	2,000	\$269.44	\$0.1347	27,361	\$3,462.74	\$0.1266	2	0.0339%		
Residential (Rural-Out w/Dmd)	ER3	37,210	\$4,559.30	\$0.1225	16	26,514	\$3,461.34	\$0.1305	499,884	\$60,412.59	\$0.1209	16	0.2712%		
Residential (Rural-Out - All Electric w/Dm	ER4	7,732	\$1,006.25	\$0.1301	9	8,050	\$1,094.00	\$0.1359	141,760	\$17,675.22	\$0.1247	9	0.1525%		
Total Residential (Rural)		976,825	\$127,601.50	\$0.1306	1,187	1,191,308	\$160,448.45	\$0.1347	15,228,544	\$1,930,140.79	\$0.1267	1,183	20.0412%		
Commercial (1 Ph-In - No Dmd)	EC2	31,323	\$4,977.81	\$0.1589	73	34,703	\$5,661.85	\$0.1632	457,276	\$70,260.42	\$0.1536	74	1.2513%		
Commercial (1 Ph-Out - No Dmd)	EC2O	6,691	\$1,457.49	\$0.2178	48	7,605	\$1,625.00	\$0.2137	102,037	\$20,250.76	\$0.1985	48	0.8135%		
Total Commercial (1 Ph) No Dmd		38,014	\$6,435.30	\$0.1693	121	42,308	\$7,286.85	\$0.1722	559,313	\$90,511.18	\$0.1618	122	2.0647%		
Commercial (1 Ph-In - w/Demand)	EC1	280,232	\$42,801.57	\$0.1527	260	306,074	\$48,757.18	\$0.1593	3,884,412	\$575,655.29	\$0.1482	260	4.4062%		
Commercial (1 Ph-Out - w/Demand)	EC1O	44,323	\$5,986.77	\$0.1351	25	45,411	\$6,431.09	\$0.1416	541,745	\$73,619.13	\$0.1359	25	0.4237%		
Total Commercial (1 Ph) w/Demand		324,555	\$48,788.34	\$0.1503	285	351,485	\$55,188.27	\$0.1570	4,426,157	\$649,274.42	\$0.1467	285	4.8299%		
Commercial (3 Ph-Out - No Dmd)	EC4O	160	\$57.06	\$0.3566	2	80	\$47.02	\$0.5878	50,520	\$7,017.78	\$0.1389	2	0.0339%		
Total Commercial (3 Ph) No Dmd		160	\$57.06	\$0.3566	2	80	\$47.02	\$0.5878	50,520	\$7,017.78	\$0.1389	2	0.0339%		
Commercial (3 Ph-In - w/Demand)	EC3	1,329,700	\$176,847.10	\$0.1330	208	1,451,198	\$201,102.33	\$0.1386	17,293,963	\$2,255,019.61	\$0.1304	205	3.4741%		
Commercial (3 Ph-Out - w/Demand)	EC3O	249,671	\$34,289.25	\$0.1373	37	266,981	\$37,840.28	\$0.1417	3,929,681	\$515,053.62	\$0.1311	37	0.6341%		
Commercial (3 Ph-Out - w/Dmd.&Sub-St.	E3SO	111,800	\$13,732.62	\$0.1228	3	115,360	\$14,950.00	\$0.1296	1,418,920	\$172,978.54	\$0.1219	3	0.0508%		
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1,760	\$231.87	\$0.1317	1	1,840	\$378.71	\$0.2058	35,080	\$5,046.79	\$0.1439	1	0.0169%		
Total Commercial (3 Ph) w/Demand		1,692,931	\$225,100.84	\$0.1330	249	1,835,379	\$254,271.32	\$0.1385	22,677,644	\$2,948,098.56	\$0.1300	246	4.1760%		
Large Power (In - w/Dmd & Rct)	EL1	2,043,094	\$218,841.15	\$0.1071	20	2,215,512	\$251,260.17	\$0.1134	25,240,580	\$2,691,635.13	\$0.1066	20	0.3389%		
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	1,039,022	\$101,982.44	\$0.0982	3	1,090,293	\$111,938.86	\$0.1027	12,538,862	\$1,217,814.52	\$0.0971	3	0.0508%		
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	465,600	\$50,028.09	\$0.1074	1	465,600	\$52,786.32	\$0.1134	5,685,600	\$593,044.63	\$0.1043	1	0.0169%		
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	56,601	\$14,415.51	\$0.2547	2	80,064	\$15,683.06	\$0.1959	1,034,986	\$154,497.62	\$0.1493	2	0.0339%		
Total Large Power		3,604,317	\$385,267.19	\$0.1069	26	3,851,469	\$431,668.41	\$0.1121	44,500,028	\$4,656,991.90	\$0.1047	26	0.4406%		
Industrial (In - w/Dmd & Rct, w/SbCr)	E11	1,020,923	\$96,972.73	\$0.0950	1	1,100,078	\$109,317.34	\$0.0994	12,684,280	\$1,174,112.70	\$0.0926	1	0.0169%		
Industrial (In - w/Dmd & Rct, No/SbCr)	E12	834,510	\$78,206.94	\$0.0937	1	875,036	\$86,537.35	\$0.0989	9,061,737	\$875,755.33	\$0.0966	1	0.0169%		
Total Industrial		1,855,433	\$175,179.67	\$0.0944	2	1,975,114	\$195,854.69	\$0.0992	21,746,017	\$2,049,868.03	\$0.0943	2	0.0339%		
Interdepartmental (In - No Dmd)	ED1	30,233	\$4,061.10	\$0.1343	11	40,778	\$5,716.66	\$0.1402	540,296	\$68,153.50	\$0.1261	9	0.1568%		
Interdepartmental (Out - w/Dmd)	ED2O	375	\$73.51	\$0.1960	2	566	\$102.15	\$0.1805	4,321	\$854.02	\$0.1976	2	0.0339%		
Interdepartmental (In - w/Dmd)	ED2	26,820	\$3,855.19	\$0.1437	28	25,027	\$3,787.47	\$0.1513	510,557	\$70,883.43	\$0.1388	28	0.4675%		
Interdepartmental (3Ph-In - w/Dmd)	ED3	214,351	\$28,052.21	\$0.1309	11	126,536	\$17,385.49	\$0.1374	2,598,694	\$324,242.57	\$0.1248	11	0.1864%		
Interdepartmental (Street Lights)	EDSL	63,071	\$5,846.52	\$0.0927	7	63,071	\$5,867.81	\$0.0930	756,276	\$70,303.70	\$0.0930	7	0.1186%		
Interdepartmental (Traffic Signals)	EDTS	1,458	\$134.83	\$0.0925	9	1,710	\$158.12	\$0.0925	20,200	\$1,867.77	\$0.0925	9	0.1525%		
Generators (JV2 Power Cost Only)	GJV2	19,731	\$666.32	\$0.0338	1	16,343	\$476.89	\$0.0292	261,864	\$6,319.25	\$0.0241	1	0.0169%		
Generators (JV5 Power Cost Only)	GJV5	12,430	\$419.76	\$0.0338	1	11,874	\$346.48	\$0.0292	164,406	\$3,997.54	\$0.0243	1	0.0169%		
Total Interdepartmental		368,469	\$43,109.44	\$0.1170	70	285,905	\$33,841.07	\$0.1184	4,856,614	\$546,621.78	\$0.1126	68	1.1496%		
SUB-TOTAL CONSUMPTION & DEMAND		10,893,182	\$1,266,553.37	\$0.1163	5,900	12,226,025	\$1,485,569.57	\$0.1215	146,994,304	\$16,877,199.55	\$0.1148	5,886	99.7416%		
Street Lights (In)	SLO	0	\$13.44	\$0.0000	14	0	\$13.43	\$0.0000	3,877	\$177.00	\$0.0457	13	0.2245%		
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	\$15.36	\$0.0000	16	0	\$15.34	\$0.0000	3,877	\$199.98	\$0.0516	15	0.2584%		
TOTAL CONSUMPTION & DEMAND		10,893,182	\$1,266,568.73	\$0.1163	5,916	12,226,025	\$1,485,584.91	\$0.1215	146,998,181	\$16,877,399.53	\$0.1148	5,901	100.0000%		

Electric Department Report July 2018

There were 15 callout/outages for the Electric Department during the month of July. 7 outages were a result of animals getting into wires. 3 callouts were customer equipment problems. One callout was an accident. One callout was for a water main break line locate. 2 outages were caused by electrical equipment failure. One callout was unfounded.

Linemen/Service Truck: Crews helped remove pump and motor at City Pool. Crews replaced pole behind KFC on Scott Street. Crews replaced equipment damaged by lightning at 13 and V. Crews pulled URD in Brickyard and terminated. Crews replaced primary URD and terminated at Mills Apartments. Crews assisted tree crew on Park Street. Crews attended OSHA Safety Class with Sandy Sherwood. Linemen replaced primary metering at Chief Supermarket. Crews worked on Rd B pole replacement. Crews set a new pole and hung a new transformer for new URD service on Rd. M1. Crews set a new transformer pole on Welsted for line to Vine. Crews rebuilt lines on Vine Street. Crews Replaced Primary CT's and Metering wire for Napoleon High School Service. The service truck performed Locates and service calls and Work Orders for customers.

Substation Crew: They performed monthly maintenance and checks at 4 substations and on generators. They also worked on helping other departments with Fiber related issues.

Tree Crew: The tree crew trimmed trees at Wayne Park Drive, Rohm Drive, St. Rt. 110, Orchard Lane, Co. Rd. 424, Park Street, Rd. P, St. Rt.110 and Jahns Rd.

Storeroom Inventory: Shawn read meters, obtained quotes, ordered inventory, cleaned inventory , mowed grass at Service Building and helped crews in field as needed.

The **Peak Load for July was 29.03 MW** occurring on the 10th at 2:00 PM. This was an increase of .3 MW compared to July, 2017. The monthly average increased to 18.87 MW up from 17.01MW in 2017, an increase of 1.86 MW. The Turbines ran on 5 separate days and produced 783.41 MWh. The JV2 ran on 6 separate days and produced 3.61 MWh. The Solar field produced 325.07 MWh compared to 523.55 MWh a year ago, a decrease of 198.48 MWh. (* the Solar Field is reduced to approximately 60% capacity due to some Invertor failures)The solar field had a peak of 2.22 MW compared to 3.29 MW peak in 2017. This was a decrease of 1.07 MW.

City of Napoleon, Ohio



SUMMARY OF JULY 2018 OUTAGE/STANDBY CALL-OUTS

July 1, 2018:

Electric personnel were dispatched at 1:19 p.m. to 712 Tyler St. due to a customer that witnessed sparks at a transformer. The personnel checked the area for problems and everyone was in power.

July 1, 2018:

Electric personnel were dispatched at 6:35 p.m. to 1003 Scott St. due to low voltage. The personnel checked the area for problems and the issue was fixed.

July 2, 2018:

Electric personnel were dispatched at 8:10 p.m. to Tyler St. due to a bad connection and a transformer that was leaking. The personnel replaced the transformer and the connection.

July 7, 2018:

Electric personnel were dispatched at 6:41 p.m. to S211 County Road 12 due to a power outage. The outage lasted twenty 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.

July 7, 2018:

Electric personnel were dispatched at 7:02 a.m. to 420 Briarcliff Dr. due to a power outage. The outage lasted thirty 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.

July 12, 2018:

Electric personnel were dispatched at 8:00 p.m. to Perry St. & Washington St. due to an accident that someone hit a street light pole and knocked it down. The personnel picked up the street light pole and placed a cone over the wires.

July 13, 2018:

One employee was dispatched at 9:15 p.m. to 1400 Woodlawn Ave. to do a line locate for a water main break.

July 15, 2018:

One employee was dispatched at 7:45 a.m. to 1032 N. Perry St. due to a power outage. The outage lasted one hour and affected twelve customers. The outage was due to an animal getting into the electric wires and blowing a fuse. The personnel replaced the fuse.

July 15, 2018:

Electric personnel were dispatched at 2:20 p.m. to 403 Meekison St. due to a customer having problems with his electricity.

July 15, 2018:

Electric personnel were dispatched at 11:15 p.m. to 15-144 County Road U due to a power outage. The outage lasted one hour and fifteen 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.

July 16, 2018:

Electric personnel were dispatched at 5:10 p.m. to 135 E. Maumee due to a power outage. The outage lasted forty 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.

July 21, 2018:

Electric personnel were dispatched at 10:33 p.m. to T386 County Road 15 due to a power outage. The outage lasted six hours and affected two customers. The outage was due to an animal getting into the electric wires and blowing a fuse. The personnel replaced the fuse.

July 22, 2018:

Electric personnel were dispatched at 12:30 p.m. to 830 W. Graceway Dr. due to a power outage. When the personnel arrived the customer had a bad cartridge fuse.

July 27, 2018:

Electric personnel were dispatched at 5:41 p.m. to 2395 Scott St. due to a power outage. When the personnel arrived the customer had a tripped breaker.

July 29, 2018:

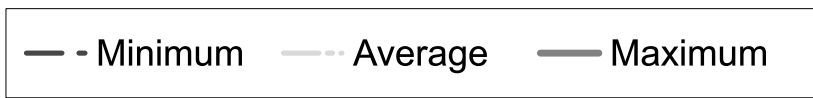
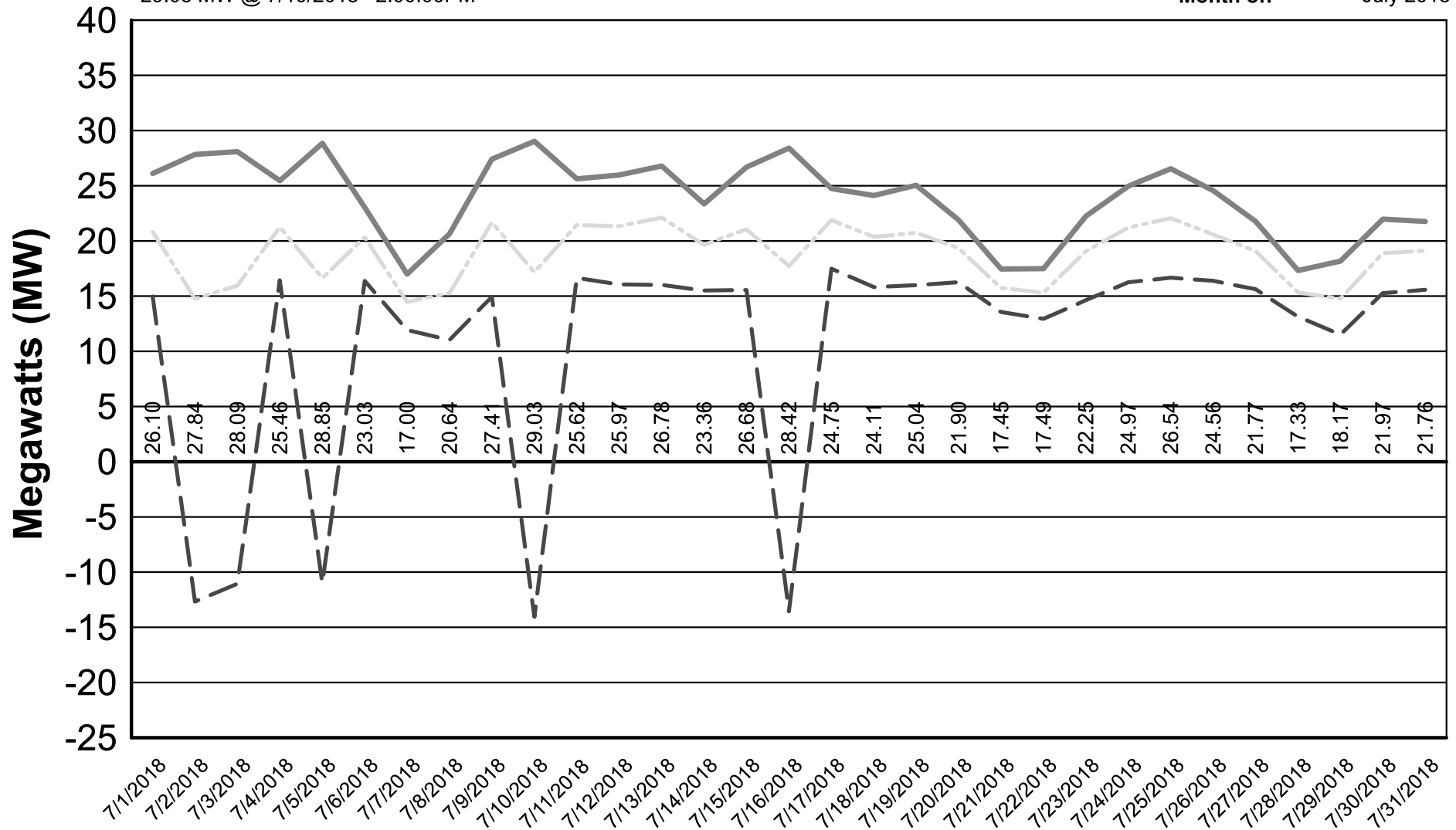
Electric personnel were dispatched at 1:15 p.m. to P862 County Road 16 due to a power outage. The outage lasted one hour and affected one customer. The outage was due to an animal getting into the electric wires and blowing a fuse. The personnel replaced the fuse.

Napoleon Power & Light

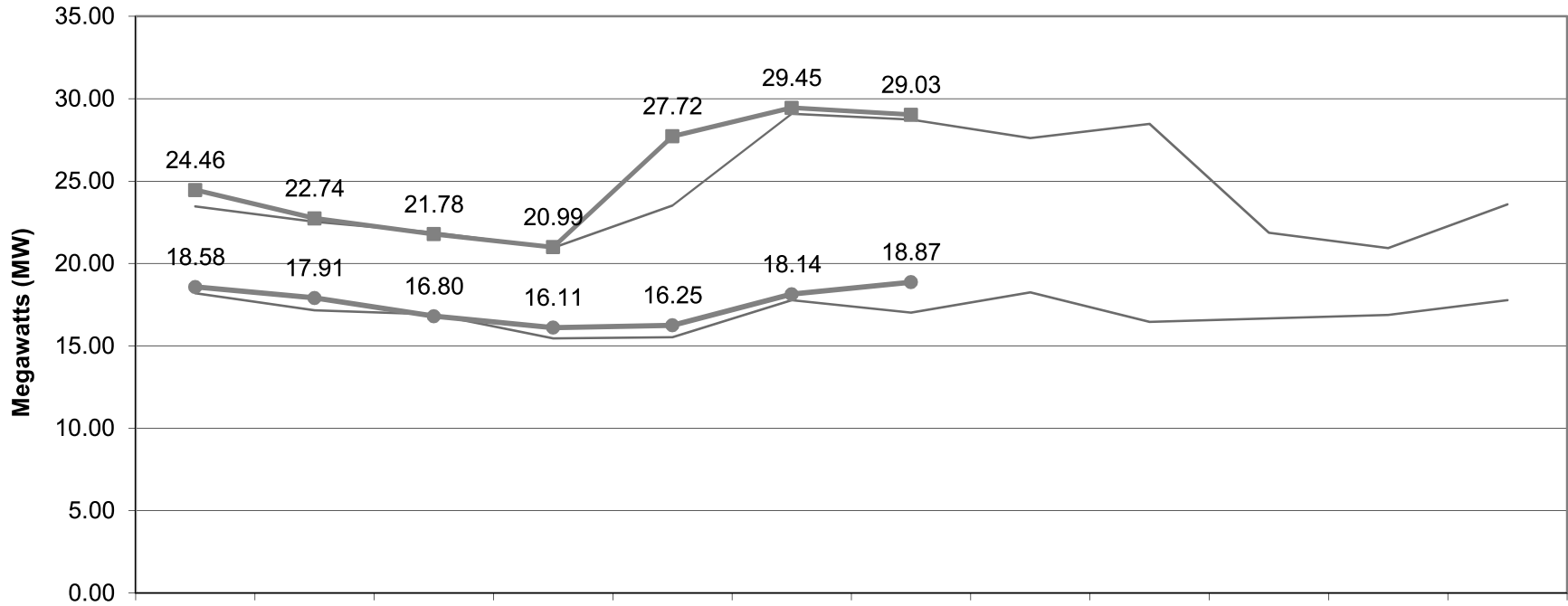
System Load

Peak Load:
29.03 MW @ 7/10/2018 2:00:00PM

Month of: July 2018



NAPOLEON POWER & LIGHT

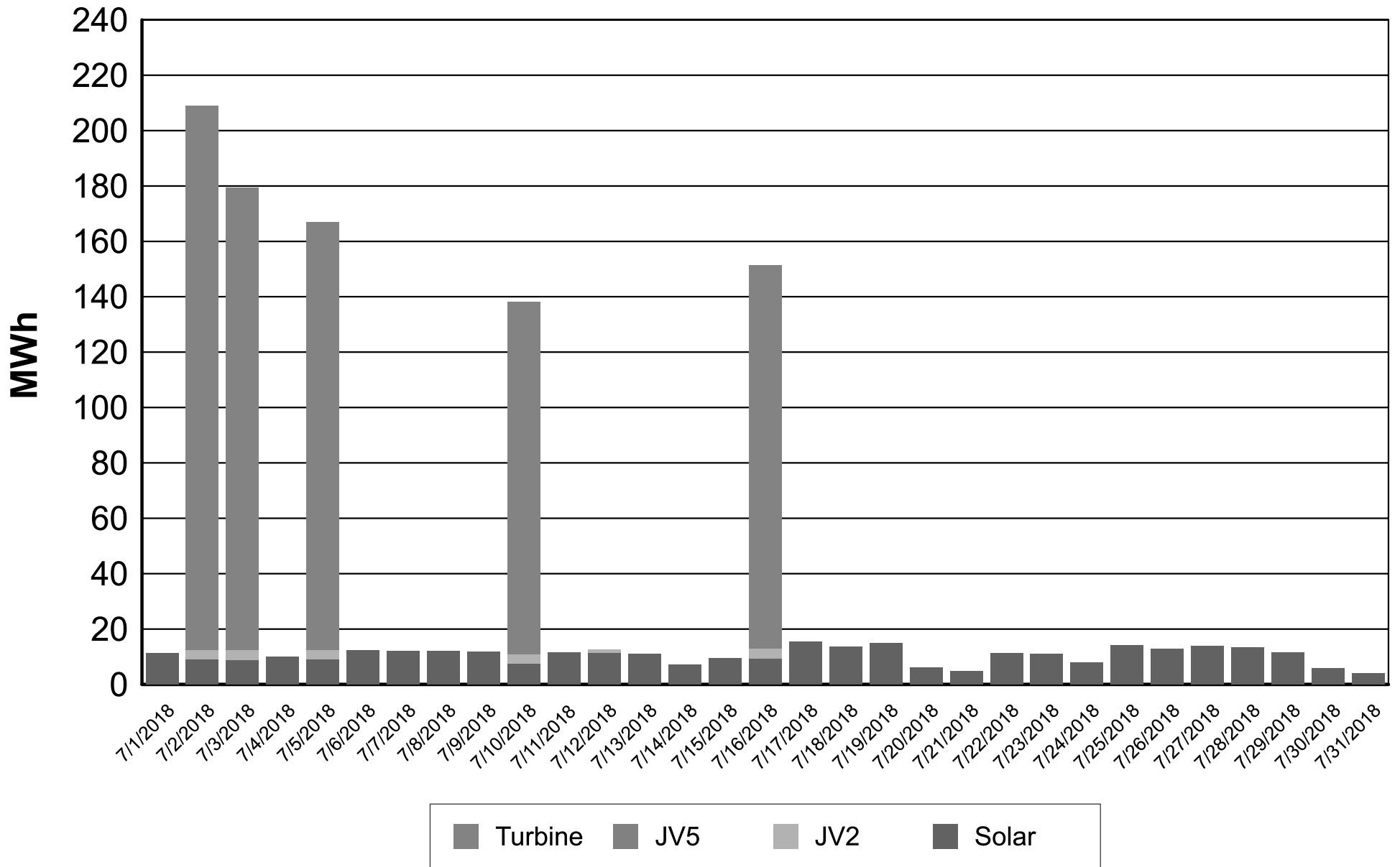


	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1/1/2018	2/1/2018	3/1/2018	4/1/2018	5/1/2018	6/1/2018	7/1/2018	8/1/2018	9/1/2018	10/1/2018	11/1/2018	12/1/2018
— 2017 MAX	23.47	22.54	21.89	20.95	23.51	29.08	28.73	27.61	28.47	21.87	20.94	23.58
— 2017 AVG	18.20	17.15	16.91	15.45	15.53	17.78	17.01	18.24	16.45	16.66	16.87	17.77
■ 2018 MAX	24.46	22.74	21.78	20.99	27.72	29.45	29.03					
● 2018 AVG	18.58	17.91	16.80	16.11	16.25	18.14	18.87					

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

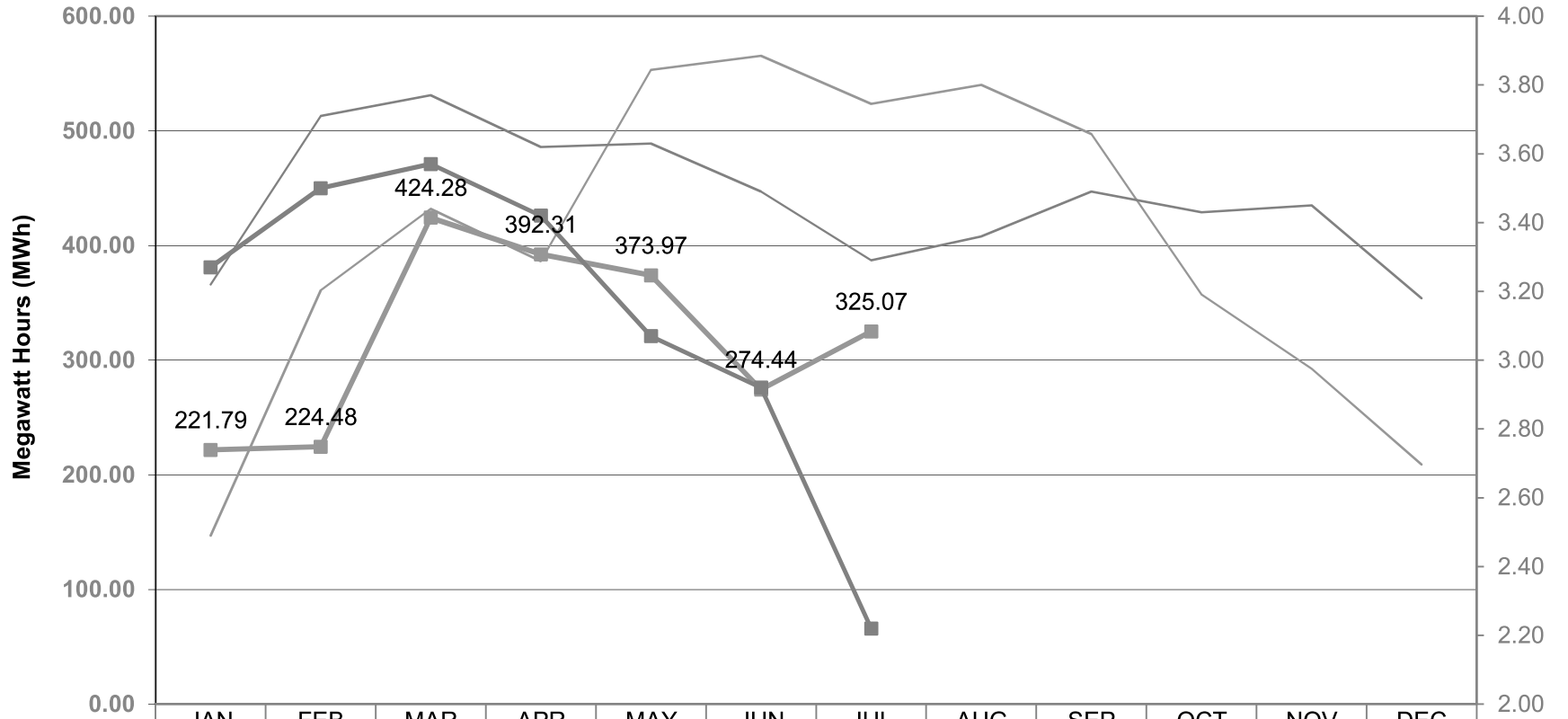
Napoleon Power & Light

Daily Generation Output



NAPOLEON POWER & LIGHT

Solar Field Output Trend

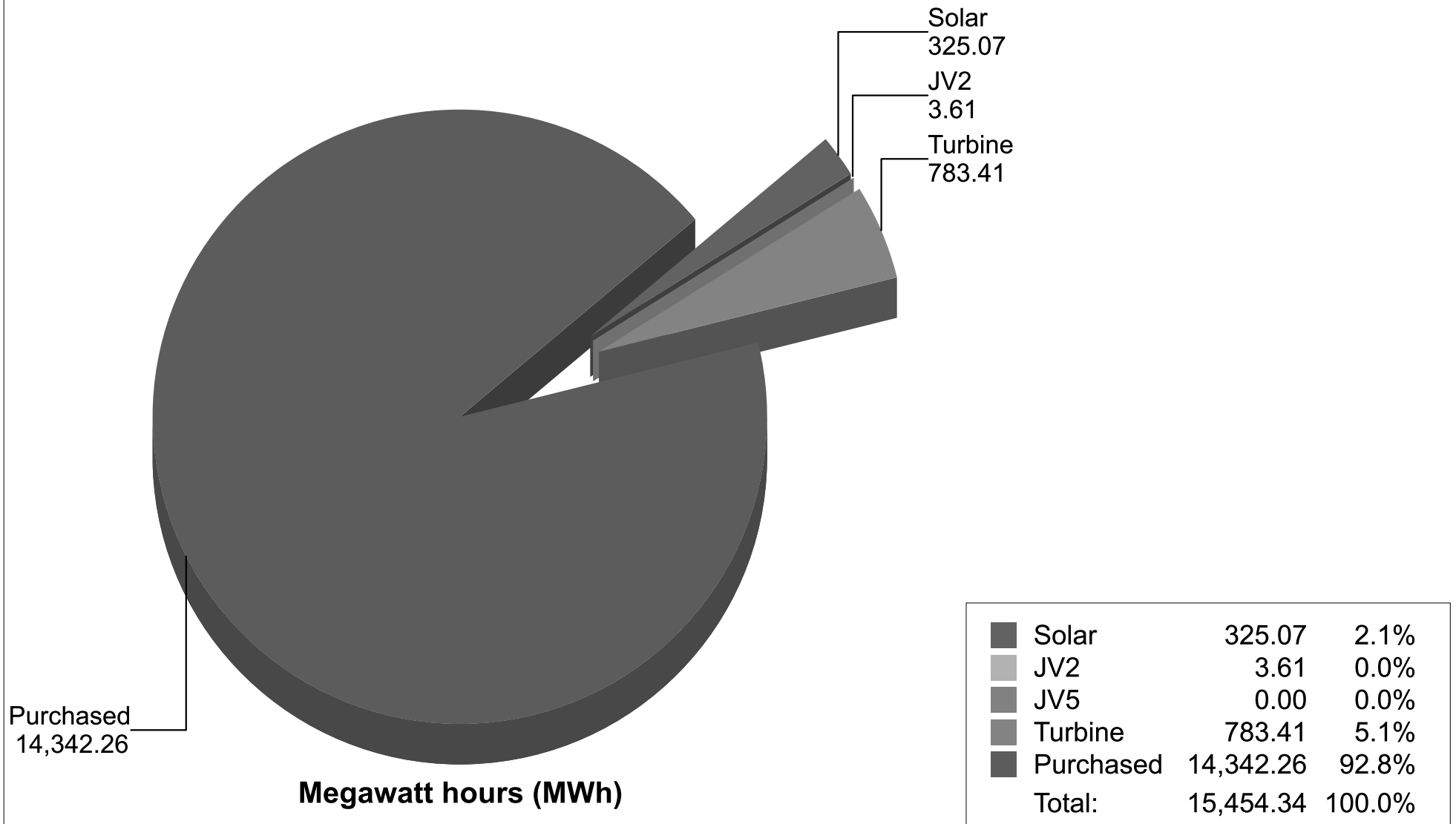


	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
— 2017 MWh	146.99	360.92	432.07	386.27	553.08	565.44	523.55	540.21	497.27	357.21	292.51	208.94
■ 2018 MWh	221.79	224.48	424.28	392.31	373.97	274.44	325.07					
— 2017 PEAK	3.22	3.71	3.77	3.62	3.63	3.49	3.29	3.36	3.49	3.43	3.45	3.18
■ 2018 PEAK	3.27	3.50	3.57	3.42	3.07	2.92	2.22					

Napoleon Power & Light

Power Portfolio

July 2018



City of Napoleon, Ohio

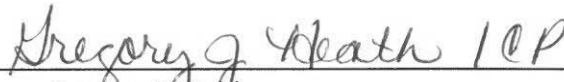
WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE

MEETING AGENDA

Monday, August 13, 2018 at 7:00 pm

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

- 1) Approval of Minutes: June 11, 2018. *(In the absence of any objections or corrections, the Minutes shall stand approved).*
- 2) 2017 Sewer Rate Study.
- 3) Yard Waste Site Policies.
- 4) Any other matters currently assigned to the Committee.
- 5) Adjournment.



Gregory J. Heath
Finance Director/Clerk of Council

WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE

Meeting Minutes

Monday, June 11, 2018 at 7:00 pm

PRESENT

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

Jeff Comadoll-Chair, Travis Sheaffer, Lori Siclair
Dr. David Cordes, Mike DeWit, Rory Prigge
Joel L. Mazur
Gregory J. Heath
Roxanne Dietrich
Dave Pike, WWTP Superintendent
Jeff Rathge, Operations Superintendent
Chad E. Lulfs, Director of Public Works
Northwest Signal

Others

ABSENT

Call to Order

Chairman Comadoll called the Water, Sewer, Refuse, Recycling and Litter Committee to order at 7:05 pm.

Approval Minutes

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

Long Term Control Plan Update

Mazur stated in mid-2017 we sent a letter to the EPA regarding some Long Term Control Plan (LTCP) projects that we felt were not necessary as they would not affect our system. We have corresponded back and forth with the EPA since then and met with them on March 26, 2018. Since 2004 the City has spent \$25 million on capital improvement projects and we are at the point where our focus needs to be on improvements at the WWTP. Currently, we are exceeding a capture rate of 98%, the collection system goal is 85%. Our issue is we have two (2) sanitary sewer overflows (SSOs). To do the remaining LTCP projects would cost the City \$31 million dollars. The sewer rates in the City of Napoleon have increased 80% since the LTCP has been in place, Napoleon's rates are 65% higher than the average rate for Ohio. The projects we are looking at include: Williams Pumping Station, Elimination of the Haley Avenue SSO (that would tie-in with one of the other sewers along Riverview) and replacing the VanHynning Pump Station. The Williams Pump Station will be forty years old next year, VanHynning is thirty years old now, and the one by the hospital was done in 1978. We have to be committed to eliminating the SSO at Glenwood. DeWit asked why to which Mazur answered "because they said so". Lulfs explained an SSO overflows with no rain and is the Federal Law. Cordes asked if we will have more problems with Lake Erie being designated as a protected waterway. Mazur said it will probably affect the plant as it is a point of source. Prigge asked how many SSOs and CSOs we started with. Lulfs estimated between 20-30 with two (2) SSOs and five (5) CSOs left.

Update on Integrated Planning

The most recent correspondence from the EPA was in May, they were questioning some of the things we presented and talked about, we are drafting a letter responding to their concerns. We are looking for a commitment to Phase 1 of the WWTP improvements and have asked for ten years. Their concern is the Glenwood SSO and the timing of Phase 1 completion. Sheaffer said "I do not want a 0% loan I want a grant that you don't have to pay back".

Mazur reported Stantec did an Integrated Plan for the WWTP. Pike added the plan is moving towards mandates coming down the road from the EPA. Mazur said the big project will be the headworks, right now we have a 1959 grit removal system at the plant. Pike stated the main reason we want to start up next year is due to the age and condition of the existing plant plus the EPA will be changing their requirements within the next ten years. That is why we are looking at a long term period and want to get into an integrated plan, we don't want to get into a situation where we have to spend \$20 million in three years. Phase 1 is the recommended option to increase the capacity of the whole plant. Part of Phase 1 would be the digesters and purchasing new updated equipment for sludge processing. Mazur explained there is not a good exhaust system down there right now, the equipment is deteriorating more than usual, the building is not designed properly there is no ventilation in that building. We are looking at doing project numbers 1, 2 and 3. Pike said everything at the plant is 1959 realm. Lulfs added the plant looks in great shape; but, things are wearing out. DeWit suggested considering an operating reserve fund. Mazur said the estimated cost for Phase 1 including engineering costs is \$8 million dollars, the project would be designed next year with construction to begin in 2020 or 2021. The cost to do Option B is a little over \$11 million dollars. Not included on the proposed project list is the fourth augur that will have to be put in when VanHynning Pump Station is done. Dr. Cordes asked if this is for oxidation? Pike replied it is just another form of treatment by aeration. Mazur mentioned we are going to have to look at Courtney's numbers for the rates. If I recall, he recommended a five percent (5%) increase over the next three (3) years. If Clairmont was to be added, the total increase would go up to forty percent (40%) over three (3) years. Lulfs explained we will apply for DEFA funding, nothing is official until we apply. Sheaffer said something will have to be done, the utility bills are getting crazy. It was the decision of the Committee and Board to readdress this item at budget time.

Refuse and Recycling Update

Mazur stated last November when recycling was being discussed, the committee asked for a six-month update. The first page of the handout shows the total receipts from 2015 up to May of 2018 for tags and special pickups plus the total revenues from December 2016 to May 2018. The second page is the report from the Spring and Fall cleanups from 2012 up to the 2018 Spring Cleanup (both pages of the handout are attached to the minutes and incorporated herein). Jeff Rathge, Operations Superintendent, reported the previous records for the landfill charges was in 2014 at 266 tons, this spring we exceeded that amount by 40 tons. The costs for the 2015 Fall Cleanup were higher due to having to use dump trucks for the cleanup that year. Lulfs informed them the spring and fall cleanups are already incorporated into the rates. DeWit asked what percentage of the bill is for unlimited pickup, should



City of Napoleon, Ohio

2017 SEWER RATE AND COST OF SERVICE STUDY

October 9, 2017

Courtney & Associates

1

SCOPE OF SERVICES

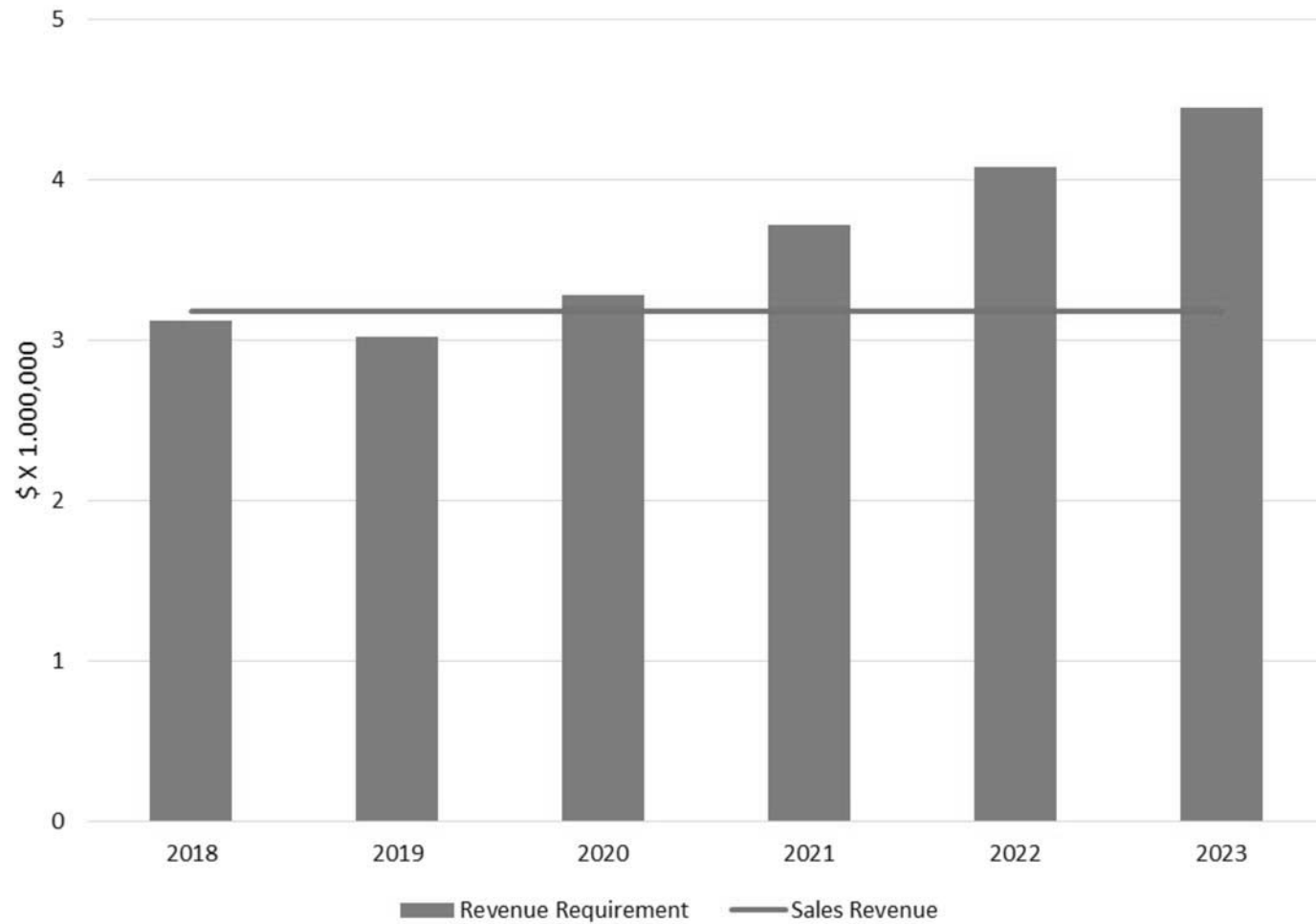
- Data Acquisition/Verification
- Projected Revenue Requirements
- Cost of Service Analysis
- Rate Review/Design

DETERMINATION OF OVERALL REVENUE ADJUSTMENT

	<u>Net Revenue Requirements*</u>	<u>Revenues at Current Rates</u>	<u>Revenue Adjustment</u>	
			Amount	%
2018	\$ 3,119,226	\$ 3,177,879	\$ (58,653)	(1.9%)
2019	\$ 3,020,116	\$ 3,177,879	\$ (157,763)	(5.0%)
2020	\$ 3,282,675	\$ 3,177,879	\$ 104,795	3.3%
2021	\$ 3,718,913	\$ 3,177,879	\$ 541,034	17.2%
2022	\$ 4,077,573	\$ 3,177,879	\$ 899,693	28.3%
2023	\$ 4,450,192	\$ 3,177,879	\$1,272,312	40.0%

* Reflects WWTP Rehab Debt Starting in 2021(Phase I), 2022(Phase II) and 2023(Phase III).

City of Napoleon, Ohio
Sewer Fund
SALES REVENUE VS. REVENUE REQUIREMENTS
2018 - 2023



Conclusions

- Revenues at Current Rates are **NOT** Sufficient to Meet the Projected 2023 Revenue Requirements.
- Due to Inflation and the Projected Debt Service Costs Associated with the Waste Water Treatment Plant Upgrades, Revenues Need to be Increased by Approximately 40% in Order to Meet the Projected 2023 Revenue Requirements.

Recommendations

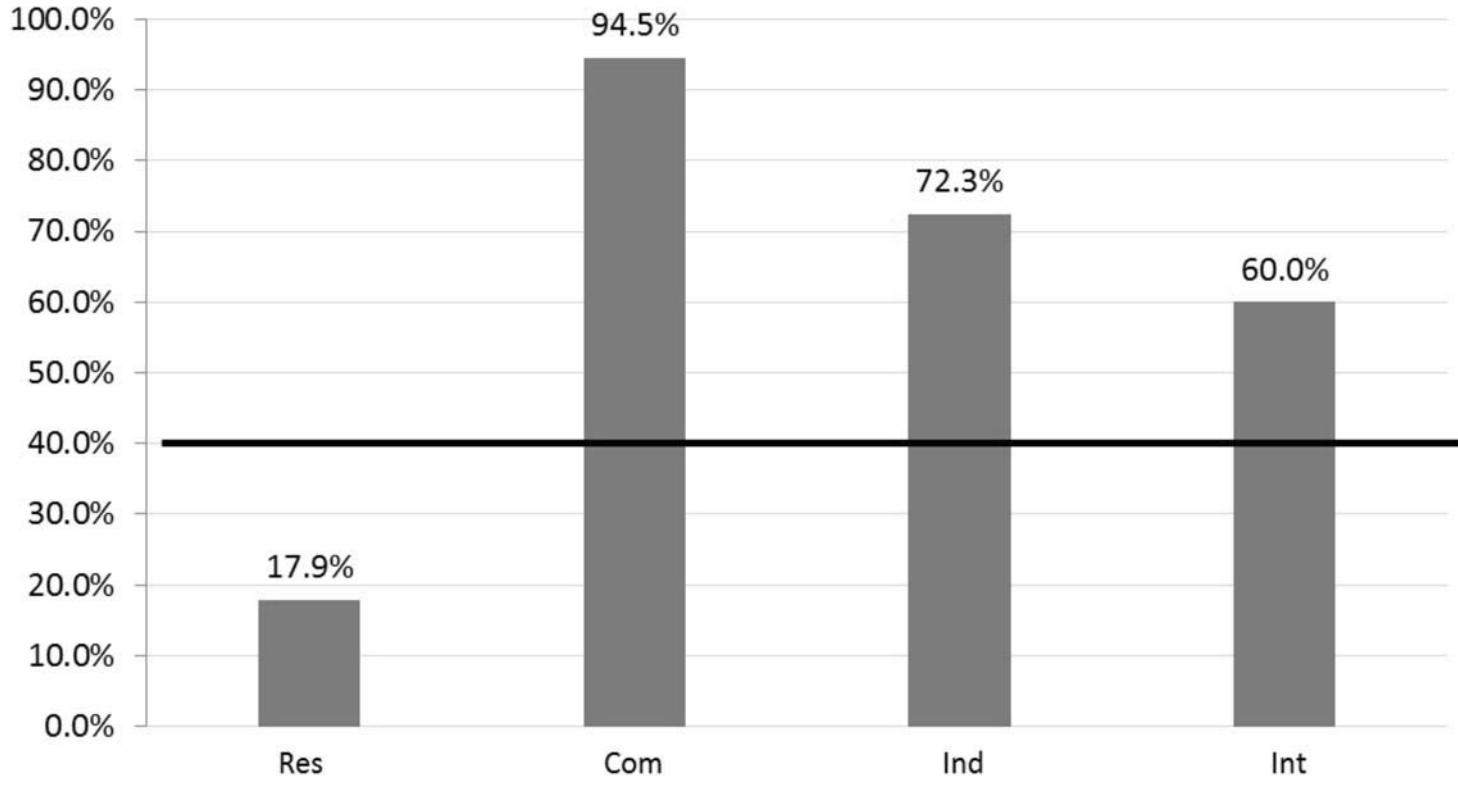
- Increase Revenues Overall by Approximately 5% Each Year Over the Next 3 Years (2018 – 2020).
- Update the Waste Water Rate and Cost of Service Study in 2020 and Adjust Rates, as Needed, to Meet the Projected Revenue Requirements.

COS vs. CURRENT RATES

<u>Customer Class</u>	<u>Revenue at Current Rates</u>	<u>COS Results(1)</u>	<u>Under(Over)Recovery</u>	
			<u>\$</u>	<u>%</u>
Residential	\$ 2,178,348	\$ 2,567,790	\$ 389,442	17.9%
Commercial	724,533	1,409,135	684,603	94.5%
Industrial	269,690	464,773	195,084	72.3%
Interdeparmental	5,309	8,493	3,184	60.0%
Totals	\$ 3,177,879	\$ 4,450,192	\$1,272,312	40.0%

(1) Reflects 2023 Test Year.

Required Revenue Adjustment (2023)



Overall Increase \approx 40.0%



Conclusions & Recommendations

- Residential Class is Subsidizing Other Classes.
- Base Cost of Service is Greater Than Existing Commodity Rate.
- Future Rate Adjustments Should Move Towards Cost of Service Results.
- Continue to Monitor Revenues and Expenses and Adjust Rates as Needed.

CURRENT RATES

ALL CUSTOMER CLASSES

	<u>Effective 1/1/16</u>
Capacity Charge: (Per Month)	
Inside Corporate Limits	\$ 35.19
Outside Corporate Limits	\$ 70.59
Commodity Charge: (Per 100 cf)	
Inside Corporate Limits	\$ 5.60
Outside Corporate Limits	\$ 11.88



RATE REVIEW CONCLUSIONS & RECOMMENDATIONS

- Commodity Rate is Substantially Lower Than the Projected Base Cost of Service.
- Near-Term Rate Adjustments Should Only be Reflected in the Commodity Charge

City of Napoleon, Ohio

PROPOSED SEWER RATES 2018 - 2020

Description	2018		2019		2020	
	Inside	Outside	Inside	Outside	Inside	Outside
Commodity Charge: (Per 100 Cu. Ft.)						
All Usage	\$ 6.14	\$ 12.28	\$ 6.68	\$ 13.36	\$ 7.22	\$ 14.44
Capacity Charge: (Per Month)						
All Classes	\$ 35.19	\$ 70.59	\$ 35.19	\$ 70.59	\$ 35.19	\$ 70.59

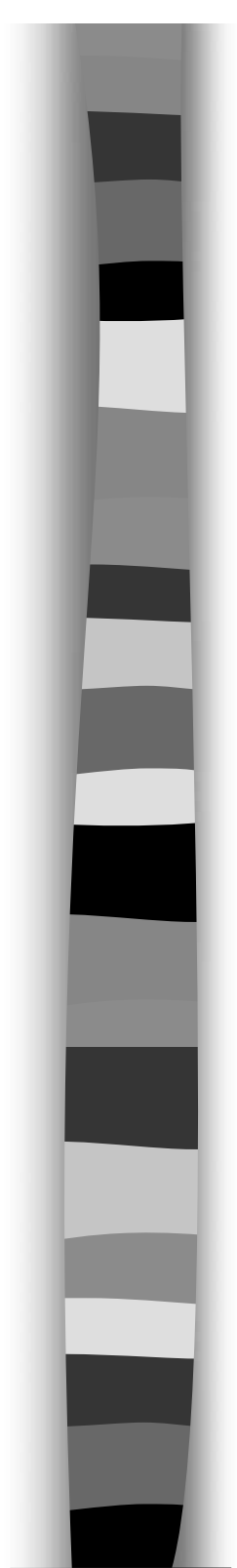
City of Napoleon, Ohio

TYPICAL SEWER BILL COMPARISON EXISTING VS. PROPOSED

Usage	Existing Rates	Proposed Rates		
		2018	2019	2020
<u>Residential</u>				
500 cu ft.	\$ 63.19 100.0%	\$ 65.89 104.3%	\$ 68.59 108.5%	\$ 71.29 112.8%
<u>Commercial</u>				
2,500 cu ft.	\$ 175.19 100.0%	\$ 188.69 107.7%	\$ 202.19 115.4%	\$ 215.69 123.1%
<u>Industrial</u>				
25,000 cu ft.	\$ 1,435.19 100.0%	\$ 1,570.19 109.4%	\$ 1,705.19 118.8%	\$ 1,840.19 128.2%

RECOMMENDATIONS

- Implement the Proposed Rates, Which Will Result In a 5% Overall Increase In Revenues Each Year in 2018, 2019, 2020.
- Update the Sewer Rate and Cost of Service Study in 2020 and Adjust Rates, as Needed, to Meet the Projected Revenue Requirements.



Sewer Rate Study for Napoleon, Ohio

Exhibit I

FUNCTIONALIZATION OF 2023
REVENUE REQUIREMENT - CASH BASIS

Line No.	Description	COST FUNCTIONS					
		Totals(1) (a)	Collection (b)	Treatment (c)	Lift Stations (d)	Customer Service (e)	Billing/ Collect (f)
OPERATING EXPENSES							
1	Personal Services and Benefits	\$ 928,650	\$ 92,865	\$ 650,055	\$ 92,865	\$ 92,865	0
2	Travel	11,630	1,163	8,141	1,163	1,163	0
3	Contractual Services	338,693	33,869	237,085	33,869	33,869	0
4	Material and Supplies	212,052	21,205	148,436	21,205	21,205	0
5	Utilities	0	0	0	0	0	0
6	Other Operating Expenses	39,404	3,940	27,583	3,940	3,940	0
7	Reimburse-Shared Expenses	653,636	65,364	457,545	0	65,364	65,364
8	Total Operating Expenditures	\$ 2,184,065	\$ 218,406	\$ 1,528,845	\$ 153,043	\$ 218,406	65,364
NON-OPERATING EXPENSES							
9	Capital & Net Transfers	\$ 1,578,826	\$ 394,706	\$ 1,184,119	\$ 0	\$ 0	0
10	Debt Service	1,563,431	390,858	1,172,573	0	0	0
11	Total Non-Operating Expenses	\$ 3,142,257	\$ 785,564	\$ 2,356,692	\$ 0	\$ 0	0
12	GROSS REVENUE REQUIREMENT	\$ 5,326,322	\$ 1,003,971	\$ 3,885,538	\$ 153,043	\$ 218,406	65,364
LESS: OTHER INCOME							
13	Service Penalties, Taps & Inspections	\$ 28,000	\$ 5,278	\$ 20,426	\$ 805	\$ 1,148	344
14	Miscellaneous Revenues & Reimb.	59,750	11,262	43,587	1,717	2,450	733
15	Capital Imp Charge -	0	0	0	0	0	0
16	Storm Water Charges/Penalties	651,000	122,708	474,903	18,705	26,694	7,989
17	Lateral Charges/Penalties	120,000	22,619	87,540	3,448	4,921	1,473
18	Interest Earnings	17,380	3,276	12,679	499	713	213
19	Transfers In	0	0	0	0	0	0
20	Total Other Income	\$ 876,130	\$ 165,144	\$ 639,135	\$ 25,174	\$ 35,926	10,752
21	NET REVENUE REQUIREMENTS	\$ 4,450,192	\$ 838,827	\$ 3,246,403	\$ 127,869	\$ 182,481	54,612

(1) 2023 Test Year

Sewer Rate Study for Napoleon, Ohio

Exhibit II

ALLOCATION OF FUNCTIONALIZED EXPENSES
BASE - EXTRA CAPACITY METHOD

<u>Line No.</u>	<u>Description</u>	<u>2023 Budget</u> <u>(a)</u>	<u>Test Year Adjustments</u> <u>(b)</u>	<u>Projected Test Year</u> <u>(c)</u>	<u>Base</u> <u>(d)</u>	<u>Maximum Day</u> <u>(e)</u>	<u>Maximum Hour</u> <u>(f)</u>	<u>Customer Service</u> <u>(g)</u>	<u>Billing/Collect</u> <u>(h)</u>
1	Collection	\$ 838,827	\$ 0	\$ 838,827	\$ 629,120	\$ 0	\$ 0	\$ 209,707	0
2	Treatment	3,246,403	0	3,246,403	1,623,202	1,623,202	0	0	0
3	Lift Stations	127,869	0	127,869	63,934	0	63,934	0	0
4	Customer Service	182,481	0	182,481	0	0	0	182,481	0
5	Billing & Collection	54,612	0	54,612	0	0	0	0	54,612
6	TOTAL ALLOCATED EXPENSES	\$ 4,450,192	\$ 0	\$ 4,450,192	\$ 2,316,256	\$ 1,623,202	\$ 63,934	\$ 392,187	54,612

Sewer Rate Study for Napoleon, Ohio

Exhibit III

UNITS OF SERVICE
BASE - EXTRA CAPACITY METHOD

Line No.	Customer Class	Base Annual Use (cu.ft.) (a)	Base Average Rate (cfpd) (b)	Maximum - Day			Maximum - Hour			Customer	
				Capacity Factor (%) (c)	Total Capacity (cfpd) (d)	Extra Capacity (cfpd) (e)	Capacity Factor (%) (f)	Total Capacity (cfpd) (g)	Extra Capacity (cfpd) (h)	No. of Customers (i)	No. of Bills (j)
1	Residential	151,229	414	250	1,036	621	400	1,657	1,243	3,150	37,800
2	Commercial	110,268	302	200	604	302	325	982	680	387	4,644
3	Industrial	46,740	128	150	192	64	200	256	128	19	228
4	Interdepartmental	420	1	200	2	1	325	4	3	7	84
5	TOTAL SYSTEM	308,657	846		1,834	989		2,899	2,053	3,563	42,756

**DETERMINATION OF EQUIVALENT
NUMBER OF WATER METERS**
(Based on AWWA Meter Capacity Ratios)

Line No.	Meter Sizes	Meter Capacity Ratio(1) (a)	Residential		Commercial		Industrial		InterDepartmental		System Actual No. of Meters (j)	Equivalent No. of Meters (k)
			Actual No. of Meters (b)	Equivalent No. of Meters (c)	Actual No. of Meters (d)	Equivalent No. of Meters (e)	Actual No. of Meters (f)	Equivalent No. of Meters (g)	Actual No. of Meters (h)	Equivalent No. of Meters (i)		
1	5/8"	1.00	0	0	0	0	0	0	0	0	0	0
2	3/4"	1.00	0	0	0	0	0	0	0	0	0	0
3	1"	1.00	3,233	3,233	319	319	10	10	12	12	3,574	3,574
4	1 1/2"	2.00	0	0	42	84	1	2	1	2	44	88
5	2"	3.20	0	0	34	109	5	16	2	6	41	131
6	3"	6.00	0	0	10	60	3	18	2	12	15	90
7	4"	10.00	0	0	1	10	0	0	0	0	1	10
8	6"	20.00	0	0	0	0	0	0	0	0	0	0
9	8"	32.00	0	0	0	0	0	0	0	0	0	0
10	10"	40.00	0	0	0	0	0	0	0	0	0	0
11	TOTALS		3,233	3,233	406	582	19	46	17	32	3,675	3,893

(1) As per AWWA

Sewer Rate Study for Napoleon, Ohio

Exhibit V

COST OF SERVICE RESULTS
BASE - EXTRA CAPACITY METHOD

Line No.	Description	Base (a)	Extra Capacity		Customer Costs		Total Cost of Service (f)	Revenue @ Current Rates (g)	Revenue Adjustment	
			Maximum Day (b)	Maximum Hour (c)	Customer Service (d)	Billing/Collect (e)			Amount (h)	% (i)
1	Units of Service									
2	Number Units	308,657 cu.ft.	989 cfpd	2,053 cfpd	3,893 eq. meters	42,756 bills				
3	Cost of Service									
4	Total Cost (\$)	\$ 2,316,256	\$ 1,623,202	\$ 63,934	\$ 392,187	\$ 54,612	\$ 4,450,192	\$ 3,177,879	1,272,312	40.0%
4	Unit Cost (\$/unit)	7.50	1,641.64	31.14	100.74	1.28				
5	Residential Units of Service	151,229	621	1,243	3,233	37,800				
6	Cost of Service	\$ 1,134,868	\$ 1,020,258	\$ 38,702	\$ 325,681	\$ 48,282	\$ 2,567,790	\$ 2,178,348	389,442	17.9%
7	Commercial Units of Service	110,268	302	680	582	4,644				
8	Cost of Service	\$ 827,485	\$ 495,945	\$ 21,165	\$ 58,609	\$ 5,932	\$ 1,409,135	\$ 724,533	684,603	94.5%
9	Industrial Units of Service	46,740	64	128	46	228				
10	Cost of Service	\$ 350,751	\$ 105,110	\$ 3,987	\$ 4,634	\$ 291	\$ 464,773	\$ 269,690	195,084	72.3%
11	Interdepartmental Units of Service	420	1	3	32	84				
12	Cost of Service	\$ 3,152	\$ 1,889	\$ 81	\$ 3,264	\$ 107	\$ 8,493	\$ 5,309	3,184	60.0%

City of Napoleon, Ohio
Sewer Department
INPUT DATA AND ESCALATION RATES

Line No.	Description	Historical		Projected							
		2015	2016	2017	2018	2019	2020	2021	2022	2023	
GROWTH RATES - %											
Number of Customers											
1	Residential - In			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2	Residential - Out			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
3	Commercial - In			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
4	Commercial - Out			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
5	Comm Contracted - % of Use - In			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
6	Industrial - In			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
7	Industrial - Out			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
8	Interdepartmental - In			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
9	Interdepartmental - Out			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
ESCALATION/INFLATION RATES - %											
10	Personal Services and Benefits			3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
11	Material and Supplies			3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
12	Contractual Services			3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
13	Contractual Services - HCWSD			3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
14	Utilities			3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
15	Other Operating Expenses			3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
USAGE PER BILL PER MONTH (CCF/Bill)											
16	Residential - In	4.1	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
17	Residential - Out	7.0	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
18	Commercial - In	18.4	17.2	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
19	Commercial - Out	7.6	8.1	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
20	Comm Contracted - % of Use - In	388.5	349.3	350.0	350.0	350.0	350.0	350.0	350.0	350.0	350.0
21	Industrial - In	203.9	205.0	205.0	205.0	205.0	205.0	205.0	205.0	205.0	205.0
22	Industrial - Out	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	Interdepartmental - In	4.8	5.1	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
24	Interdepartmental - Out	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AVERAGE REVENUES (\$/ccf)											
25	Residential - In	\$ 12.88	\$ 14.25	\$ 14.40	\$ 14.40	\$ 14.40	\$ 14.40	\$ 14.40	\$ 14.40	\$ 14.40	\$ 14.40
26	Residential - Out	\$ 19.84	\$ 22.70	\$ 22.91	\$ 22.91	\$ 22.91	\$ 22.91	\$ 22.91	\$ 22.91	\$ 22.91	\$ 22.91
27	Commercial - In	\$ 6.78	\$ 7.59	\$ 7.67	\$ 7.67	\$ 7.67	\$ 7.67	\$ 7.67	\$ 7.67	\$ 7.67	\$ 7.67
28	Commercial - Out	\$ 19.40	\$ 20.43	\$ 20.63	\$ 20.63	\$ 20.63	\$ 20.63	\$ 20.63	\$ 20.63	\$ 20.63	\$ 20.63
29	Comm Contracted - % of Use - In	\$ 3.50	\$ 3.80	\$ 3.84	\$ 3.84	\$ 3.84	\$ 3.84	\$ 3.84	\$ 3.84	\$ 3.84	\$ 3.84
30	Industrial - In	\$ 5.22	\$ 5.73	\$ 5.77	\$ 5.77	\$ 5.77	\$ 5.77	\$ 5.77	\$ 5.77	\$ 5.77	\$ 5.77
31	Industrial - Out	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
32	Interdepartmental - In	\$ 11.96	\$ 12.38	\$ 12.64	\$ 12.64	\$ 12.64	\$ 12.64	\$ 12.64	\$ 12.64	\$ 12.64	\$ 12.64
33	Interdepartmental - Out	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

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10/06/17

City of Napoleon, Ohio
Sewer Department
BILLING STATISTICS AND PROJECTED REVENUES
(Based on Existing Rates)

Line No.	Description	Historical		Projected						
		2015	2016	2017	2018	2019	2020	2021	2022	2023
RESIDENTIAL - IN										
1	No. of Bills	37,728	37,788	37,788	37,788	37,788	37,788	37,788	37,788	37,788
2	Consumption (ccf.)	153,312	151,191	151,152	151,152	151,152	151,152	151,152	151,152	151,152
3	Average Consumption (ccf/bill)	4.1	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
4	Amount Billed - \$	\$ 1,974,835	\$ 2,155,068	\$ 2,176,589	\$ 2,176,589	\$ 2,176,589	\$ 2,176,589	\$ 2,176,589	\$ 2,176,589	\$ 2,176,589
5	- \$/100 cu. ft.	12.88	14.25	14.40	14.40	14.40	14.40	14.40	14.40	14.40
RESIDENTIAL - OUT										
6	No. of Bills	12	12	12	12	12	12	12	12	12
7	Consumption (ccf.)	84	77	77	77	77	77	77	77	77
8	Average Consumption (ccf/bill)	7.0	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
9	Amount Billed - \$	\$ 1,667	\$ 1,748	\$ 1,759	\$ 1,759	\$ 1,759	\$ 1,759	\$ 1,759	\$ 1,759	\$ 1,759
10	- \$/100 cu. ft.	19.84	22.70	22.91	22.91	22.91	22.91	22.91	22.91	22.91
COMMERCIAL - IN										
11	No. of Bills	4,452	4,476	4,476	4,476	4,476	4,476	4,476	4,476	4,476
12	Consumption (ccf.)	81,782	76,904	76,092	76,092	76,092	76,092	76,092	76,092	76,092
13	Average Consumption (ccf/bill)	18.4	17.2	17.0	17.0	17.0	17.0	17.0	17.0	17.0
14	Amount Billed - \$	\$ 554,843	\$ 583,488	\$ 583,626	\$ 583,626	\$ 583,626	\$ 583,626	\$ 583,626	\$ 583,626	\$ 583,626
15	- \$/100 cu. ft.	6.78	7.59	7.67	7.67	7.67	7.67	7.67	7.67	7.67
COMMERCIAL - OUT										
16	No. of Bills	72	72	72	72	72	72	72	72	72
17	Consumption (ccf.)	544	583	576	576	576	576	576	576	576
18	Average Consumption (ccf/bill)	8	8	8	8	8	8	8	8	8
19	Amount Billed - \$	\$ 10,552	\$ 11,913	\$ 11,883	\$ 11,883	\$ 11,883	\$ 11,883	\$ 11,883	\$ 11,883	\$ 11,883
20	- \$/100 cu. ft.	19.40	20.43	20.63	20.63	20.63	20.63	20.63	20.63	20.63
COMM CONTRACTED - % of USE - IN										
21	No. of Bills	108	96	96	96	96	96	96	96	96
22	Consumption (ccf.)	41,957	33,532	33,600	33,600	33,600	33,600	33,600	33,600	33,600
23	Average Consumption (ccf/bill)	388	349	350	350	350	350	350	350	350
24	Amount Billed - \$	\$ 146,985	\$ 127,376	\$ 129,024	\$ 129,024	\$ 129,024	\$ 129,024	\$ 129,024	\$ 129,024	\$ 129,024
25	- \$/100 cu. ft.	3.50	3.80	3.84	3.84	3.84	3.84	3.84	3.84	3.84
INDUSTRIAL - IN										
26	No. of Bills	252	228	228	228	228	228	228	228	228
27	Consumption (ccf.)	51,380	46,744	46,740	46,740	46,740	46,740	46,740	46,740	46,740
28	Average Consumption (ccf/bill)	204	205	205	205	205	205	205	205	205
29	Amount Billed - \$	\$ 268,229	\$ 267,765	\$ 269,690	\$ 269,690	\$ 269,690	\$ 269,690	\$ 269,690	\$ 269,690	\$ 269,690
30	- \$/100 cu. ft.	5.22	5.73	5.77	5.77	5.77	5.77	5.77	5.77	5.77
INDUSTRIAL - OUT										
31	No. of Bills	0	0	0	0	0	0	0	0	0
32	Consumption (ccf.)	0	0	0	0	0	0	0	0	0
33	Average Consumption (ccf/bill)	0	0	0	0	0	0	0	0	0
34	Amount Billed - \$	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
35	- \$/100 cu. ft.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

City of Napoleon, Ohio
Sewer Department
BILLING STATISTICS AND PROJECTED REVENUES
(Based on Existing Rates)

Line No.	Description	Historical		Projected						
		2015	2016	2017	2018	2019	2020	2021	2022	2023
INTERDEPARTMENTAL - IN										
36	No. of Bills	84	84	84	84	84	84	84	84	84
37	Consumption (ccf.)	401	431	420	420	420	420	420	420	420
38	Average Consumption (ccf/bill)	5	5	5	5	5	5	5	5	5
39	Amount Billed - \$	\$ 4,797	\$ 5,336	\$ 5,309	\$ 5,309	\$ 5,309	\$ 5,309	\$ 5,309	\$ 5,309	\$ 5,309
40	- \$/100 cu. ft.	11.96	12.38	12.64	12.64	12.64	12.64	12.64	12.64	12.64
INTERDEPARTMENTAL - OUT										
41	No. of Bills	0	0	0	0	0	0	0	0	0
42	Consumption (ccf.)	0	0	0	0	0	0	0	0	0
43	Average Consumption (ccf/bill)	0	0	0	0	0	0	0	0	0
44	Amount Billed - \$	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
45	- \$/100 cu. ft.	0.00	0.00	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
TOTALS										
46	No. of Bills	42,708	42,756	42,756	42,756	42,756	42,756	42,756	42,756	42,756
47	Consumption (ccf.)	329,460	309,462	308,657	308,657	308,657	308,657	308,657	308,657	308,657
48	Amount Billed - \$	\$ 2,961,908	\$ 3,152,694	\$ 3,177,879	\$ 3,177,879	\$ 3,177,879	\$ 3,177,879	\$ 3,177,879	\$ 3,177,879	\$ 3,177,879
49	- \$/100 cu. ft.	8.99	10.19	10.30	10.30	10.30	10.30	10.30	10.30	10.30

City of Napoleon, Ohio
Sewer Department
HISTORICAL AND PROJECTED
REVENUE REQUIREMENTS - CASH BASIS

Line No.	Description	Historical		Projected						
		2015	2016	2017	2018	2019	2020	2021	2022	2023
OPERATING EXPENSES:										
1	Personal Services and Benefits	\$ 624,530	\$ 598,957	\$ 777,730	\$ 801,062	\$ 825,094	\$ 849,847	\$ 875,342	\$ 901,602	\$ 928,650
2	Travel	3,628	5,548	9,740	10,032	10,333	10,643	10,962	11,291	11,630
3	Contractual Services	198,526	203,082	283,650	292,160	300,924	309,952	319,251	328,828	338,693
4	Material and Supplies	126,777	123,078	177,590	182,918	188,405	194,057	199,879	205,875	212,052
5	Utilities	0	0	0	0	0	0	0	0	0
6	Other Operating Expenses	177	286	33,000	33,990	35,010	36,060	37,142	38,256	39,404
7	Reimburse-Shared Expenses	427,622	432,809	547,410	563,832	580,747	598,170	616,115	634,598	653,636
8	Total Operating Expenditures	\$ 1,381,260	\$ 1,363,760	\$ 1,829,120	\$ 1,883,994	\$ 1,940,513	\$ 1,998,729	\$ 2,058,691	\$ 2,120,451	\$ 2,184,065
DEBT SERVICE:										
9	Debt Service - REVENUE BONDS	\$ 574,719	\$ 586,923	\$ 585,520	\$ 583,717	\$ 315,843	\$ 316,697	\$ 317,287	\$ 322,266	\$ 321,669
10	Debt Service - OWDA (523)	93,770	93,770	87,950	104,737	105,124	105,530	105,954	106,397	106,860
11	Debt Service - New Projects (1)	0	0	0	61,000	132,000	293,000	354,000	354,000	354,000
12	Debt Service - WWTP Rebuild - Phase 1 (2)	0	0	0	0	0	0	270,917	270,917	270,917
13	Debt Service - WWTP Rebuild - Phase 2 (2)	0	0	0	0	0	0	0	246,831	246,831
14	Debt Service - WWTP Rebuild - Phase 3 (2)	0	0	0	0	0	0	0	0	263,154
15	Total Debt Service	\$ 668,489	\$ 680,693	\$ 673,470	\$ 749,454	\$ 552,967	\$ 715,227	\$ 1,048,158	\$ 1,300,411	\$ 1,563,431
CAPITAL & NET TRANSFERS										
16	Capital Imp. & Transfers - Direct	\$ 119,037	\$ 57,302	\$ 564,960	\$ 361,909	\$ 372,766	\$ 383,949	\$ 395,468	\$ 407,332	\$ 419,551
17	Net of Adjustment of Transfers & Exp.	1,128,840	2,383,390	2,193,990	1,000,000	1,030,000	1,060,900	1,092,727	1,125,509	1,159,274
18	Total Transfers-Debt & Capital	\$ 1,247,877	\$ 2,440,692	\$ 2,758,950	\$ 1,361,909	\$ 1,402,766	\$ 1,444,849	\$ 1,488,195	\$ 1,532,840	\$ 1,578,826
LESS: OTHER INCOME										
19	Service Penalties, Taps & Inspections	\$ 35,020	\$ 40,453	\$ 28,000	\$ 28,000	\$ 28,000	\$ 28,000	\$ 28,000	\$ 28,000	\$ 28,000
20	Miscellaneous Revenues & Reimb.	58,954	72,066	59,750	59,750	59,750	59,750	59,750	59,750	59,750
21	Capital Imp Charge	80	40	0	0	0	0	0	0	0
22	Storm Water Charges/Penalties	668,373	663,240	651,000	651,000	651,000	651,000	651,000	651,000	651,000
23	Lateral Charges/Penalties	123,763	122,845	120,000	120,000	120,000	120,000	120,000	120,000	120,000
24	Interest Earnings	21,556	90,454	17,380	17,380	17,380	17,380	17,380	17,380	17,380
25	Transfers In	166,363	143,310	0	0	0	0	0	0	0
26	Total Other Income	\$ 1,074,109	\$ 1,132,408	\$ 876,130	\$ 876,130	\$ 876,130	\$ 876,130	\$ 876,130	\$ 876,130	\$ 876,130
27	NET REVENUE REQUIREMENTS	\$ 2,223,517	\$ 3,352,737	\$ 4,385,410	\$ 3,119,226	\$ 3,020,116	\$ 3,282,675	\$ 3,718,913	\$ 4,077,573	\$ 4,450,192

(1) Assumes \$1,100,000 issued each year (2018-2021) for 20 years @ 1% interest.
(2) Based on 30 years @ 5%. Assumes 2% issuance costs.

City of Napoleon, Ohio
Sewer Department
HISTORICAL AND PROJECTED
OPERATING RESULTS - CASH BASIS

Line No.	Description	Historical		Projected						
		2015	2016	2017	2018	2019	2020	2021	2022	2023
OPERATING REVENUES:										
1	Service Charges and Fees - City	\$ 2,954,121	\$ 3,128,376	\$ 3,177,879	\$ 3,177,879	\$ 3,177,879	\$ 3,177,879	\$ 3,177,879	\$ 3,177,879	\$ 3,177,879
2	Service Penalties, Taps & Inspections	35,020	40,453	28,000	28,000	28,000	28,000	28,000	28,000	28,000
3	Miscellaneous Revenues & Reimb.	58,954	72,066	59,750	59,750	59,750	59,750	59,750	59,750	59,750
4	Capital Imp Charge	80	40	0	0	0	0	0	0	0
5	Storm Water Charges/Penalties	668,373	663,240	651,000	651,000	651,000	651,000	651,000	651,000	651,000
6	Lateral Charges/Penalties	123,763	122,845	120,000	120,000	120,000	120,000	120,000	120,000	120,000
7	Interest Earnings	21,556	90,454	17,380	17,380	17,380	17,380	17,380	17,380	17,380
8	Transfers In	166,363	143,310	0	0	0	0	0	0	0
9	Total Operating Revenues	\$ 4,028,230	\$ 4,260,784	\$ 4,054,009	\$ 4,054,009	\$ 4,054,009	\$ 4,054,009	\$ 4,054,009	\$ 4,054,009	\$ 4,054,009
OPERATING EXPENSES:										
10	Personal Services and Benefits	\$ 624,530	\$ 598,957	\$ 777,730	\$ 801,062	\$ 825,094	\$ 849,847	\$ 875,342	\$ 901,602	\$ 928,650
11	Travel	3,628	5,548	9,740	10,032	10,333	10,643	10,962	11,291	11,630
12	Contractual Services	198,526	203,082	283,650	292,160	300,924	309,952	319,251	328,828	338,693
13	Material and Supplies	126,777	123,078	177,590	182,918	188,405	194,057	199,879	205,875	212,052
14	Utilities	0	0	0	0	0	0	0	0	0
15	Other Operating Expenses	177	286	33,000	33,990	35,010	36,060	37,142	38,256	39,404
16	Reimburse-Shared Expenses	427,622	432,809	547,410	563,832	580,747	598,170	616,115	634,598	653,636
17	Total Operating Expenditures	\$ 1,381,260	\$ 1,363,760	\$ 1,829,120	\$ 1,883,994	\$ 1,940,513	\$ 1,998,729	\$ 2,058,691	\$ 2,120,451	\$ 2,184,065
18	NET INCOME AVAILABLE FOR DEBT SERVICE	\$ 2,646,970	\$ 2,897,024	\$ 2,224,889	\$ 2,170,016	\$ 2,113,496	\$ 2,055,281	\$ 1,995,319	\$ 1,933,558	\$ 1,869,944
DEBT SERVICE:										
19	Debt Service - REVENUE BONDS	\$ 574,719	\$ 586,923	\$ 585,520	\$ 583,717	\$ 315,843	\$ 316,697	\$ 317,287	\$ 322,266	\$ 321,669
20	Debt Service - OWDA (523)	93,770	93,770	87,950	104,737	105,124	105,530	105,954	106,397	106,860
21	Debt Service - New Projects (1)	0	0	0	61,000	132,000	293,000	354,000	354,000	354,000
22	Debt Service - WWTP Rebuild - Phase 1 (2)	0	0	0	0	0	0	270,917	270,917	270,917
23	Debt Service - WWTP Rebuild - Phase 2 (2)	0	0	0	0	0	0	0	246,831	246,831
24	Debt Service - WWTP Rebuild - Phase 3 (2)	0	0	0	0	0	0	0	0	263,154
25	Total Debt Service	\$ 668,489	\$ 680,693	\$ 673,470	\$ 749,454	\$ 552,967	\$ 715,227	\$ 1,048,158	\$ 1,300,411	\$ 1,563,431
26	DEBT SERVICE RATIO	3.96	4.26	3.30	2.90	3.82	2.87	1.90	1.49	1.20
CAPITAL & NET TRANSFERS										
27	Capital Imp. & Transfers - Direct	\$ 119,037	\$ 57,302	\$ 564,960	\$ 361,909	\$ 372,766	\$ 383,949	\$ 395,468	\$ 407,332	\$ 419,551
28	Net of Adjustment of Transfers & Exp.	1,128,840	2,383,390	2,193,990	1,000,000	1,030,000	1,060,900	1,092,727	1,125,509	1,159,274
29	Total Transfers-Debt & Capital	\$ 1,247,877	\$ 2,440,692	\$ 2,758,950	\$ 1,361,909	\$ 1,402,766	\$ 1,444,849	\$ 1,488,195	\$ 1,532,840	\$ 1,578,826
FUND BALANCES										
30	Balance at Start-of-Year	\$ 1,895,384	\$ 2,625,988	\$ 2,401,627	\$ 1,194,097	\$ 1,252,750	\$ 1,410,513	\$ 1,305,717	\$ 764,684	\$ -135,010
31	Net Operating Income	2,646,970	2,897,024	2,224,889	2,170,016	2,113,496	2,055,281	1,995,319	1,933,558	1,869,944
32	Non-Operating Income	0	0	0	0	0	0	0	0	0
33	Non-Operating Expenses	1,916,366	3,121,385	3,432,420	2,111,363	1,955,733	2,160,076	2,536,353	2,833,251	3,142,257
34	Balance at End-of-Year	\$ 2,625,988	\$ 2,401,627	\$ 1,194,097	\$ 1,252,750	\$ 1,410,513	\$ 1,305,717	\$ 764,684	\$ -135,010	\$ -1,407,322

(1) Assumes \$1,100,000 Issued each year (2018-2021) for 20 years
(2) Based on 30 years @ 5%. Assumes 2% issuance costs.

City of Napoleon, Ohio
Sewer Department

REVENUE ADJUSTMENT REQUIRED

Line No.	Description	2017	2018	2019	2020	2021	2022	2023
1	NET REVENUE REQUIRED	\$ 4,385,410	\$ 3,119,226	\$ 3,020,116	\$ 3,282,675	\$ 3,718,913	\$ 4,077,573	\$ 4,450,192
2	SALES REVENUES	<u>3,177,879</u>	<u>3,177,879</u>	<u>3,177,879</u>	<u>3,177,879</u>	<u>3,177,879</u>	<u>3,177,879</u>	<u>3,177,879</u>
OVERALL REVENUE ADJUSTMENT REQUIRED								
3	AMOUNT	\$ 1,207,531	\$ (58,653)	\$ (157,763)	\$ 104,795	\$ 541,034	\$ 899,693	\$ 1,272,312
4	%	38.00%	-1.85%	-4.96%	3.30%	17.02%	28.31%	40.04%

NAPOLEON WWTP PHASE 1 - HEADWORKS IMPROVEMENTS AND 4TH SCREW PUMP INSTALLATION

CATEGORY	SYSTEM	QUANTITY	UNIT	UNIT COST	TOTAL COST
STRUCTURES					
	Preliminary Treatment Building	1	LS	\$ 1,000,000	\$ 1,000,000
	EQ Basin Modifications for Screw Pump Installation	1	LS	\$ 50,000	\$ 50,000
	STRUCTURES SUBTOTAL				\$ 1,050,000
EQUIPMENT					
	Mechanical Fine Screen with Compactor and Auger	1	LS	\$ 180,000	\$ 180,000
	Screenings Conveyor	1	LS	\$ 60,000	\$ 60,000
	Grit Removal System with Dewatering and Classifier	1	LS	\$ 350,000	\$ 350,000
	Screw Pump, Including Accessories and Drives (NPDES Project #4)	1	LS	\$ 200,000	\$ 200,000
	Equipment Installation (20% of Equipment Listed Above)	1	LOT	\$ 160,000	\$ 160,000
	EQUIPMENT SUBTOTAL				\$ 950,000
MECHANICAL PIPING					
	Conduit from Screw Pumps to Headworks	300	LF	\$ 350	\$ 105,000
	Conduit from Headworks to Primaries	150	LF	\$ 300	\$ 45,000
	Drainage Piping (8-inch typical)	300	LF	\$ 100	\$ 30,000
	PIPING SUBTOTAL				\$ 180,000
SITEWORK					
	Demolition of Existing Grit System	1	LS	\$ 50,000	\$ 50,000
	Dike Evaluation	1	LS	\$ 75,000	\$ 75,000
	NPW Line	300	LF	\$ 10	\$ 3,000
	Yard Hydrants	4	EA	\$ 1,000	\$ 4,000
	Storm Water Pollution and Prevention Plan	1	LS	\$ 25,000	\$ 25,000
	Site Restoration (Including Pavement, Grading, Seeding and Mulching)	1	LS	\$ 10,000	\$ 10,000
	SITEWORK SUBTOTAL				\$ 167,000
	SUBTOTAL				\$ 2,347,000
OTHER DISCIPLINES					
	HVAC and Plumbing (10% of Structures)	1	LS	\$ 105,000	\$ 105,000
	Architectural (3% of Structures)	1	LS	\$ 32,000	\$ 32,000
	Electrical Instrumentation and Controls (25% of Equipment)	1	LS	\$ 238,000	\$ 238,000
	OTHER DISCIPLINES SUBTOTAL				\$ 375,000
SUBTOTAL					
					\$ 2,722,000
	Technical Services (12%)				\$ 327,000
	Mobilization, Bonds and Insurance (3%)				\$ 82,000
	Contractor Overhead and Profit (15%)				\$ 408,000
	Contingencies (20%)				\$ 544,000
TOTAL					
					\$ 4,083,000

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CONCEPTUAL ESTIMATE

NAPOLEON WWTP PHASE 2 - ANAEROBIC DIGESTION SYSTEM REHABILITATION AND STORAGE TANK REACTIVATION

CATEGORY	SYSTEM	QUANTITY	UNIT	UNIT COST	TOTAL COST
STRUCTURES					
	Structural Rehabilitation	1	LS	\$ 350,000	\$ 350,000
	Digester Cleaning	1	LS	\$ 400,000	\$ 400,000
	STRUCTURES SUBTOTAL				\$ 750,000
EQUIPMENT					
	Covers and Pressure Relief Valves	3	EA	\$ 250,000	\$ 750,000
	Heat Exchanger	1	LS	\$ 350,000	\$ 350,000
	Mixing and Transfer Pumps, Including Ancillary Equipment	1	LS	\$ 350,000	\$ 350,000
	Equipment Installation (20% of Equipment Listed Above)	1	LOT	\$ 190,000	\$ 190,000
	EQUIPMENT SUBTOTAL				\$ 1,640,000
MECHANICAL PIPING					
	Miscellaneous Process Piping	300	LF	\$ 150	\$ 45,000
	Magnetic Flow Meters and Control Valves (6-inch)	2	EA	\$ 10,000	\$ 20,000
	MECHANICAL PIPING SUBTOTAL				\$ 65,000
SITEWORK					
	Flushing Water	500	LF	\$ 50	\$ 25,000
	SITEWORK SUBTOTAL				\$ 25,000
	SUBTOTAL				\$ 2,480,000
OTHER DISCIPLINES					
	HVAC and Plumbing (10% of Structures)	1	LS		\$ 75,000
	Architectural (3% of Structures)	1	LS		\$ 23,000
	Electrical Instrumentation and Controls (25% of Equipment)	1	LS		\$ 410,000
	OTHER DISCIPLINES SUBTOTAL				\$ 508,000
SUBTOTAL					
	Technical Services (12%)				\$ 298,000
	Mobilization, Bonds and Insurance (3%)				\$ 74,000
	Contractor Overhead and Profit (15%)				\$ 372,000
	Contingencies (20%)				\$ 496,000
TOTAL					
					\$ 3,720,000

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CONCEPTUAL ESTIMATE

NAPOLEON WWTP PHASE 3 - PRIMARY SEDIMENTATION TANKS AND RECIRCULATION PUMP STATION

CATEGORY	SYSTEM	QUANTITY	UNIT	UNIT COST	TOTAL COST
STRUCTURES					
	Primary Sedimentation Tanks	3	EA	\$ 350,000	\$ 1,050,000
	Recirculating Pump Station	1	LS	\$ 750,000	\$ 750,000
	STRUCTURES SUBTOTAL				\$ 1,800,000
EQUIPMENT					
	Primary Sludge Pumps	3	EA	\$ 30,000	\$ 90,000
	Primary Tank Equipment	3	EA	\$ 150,000	\$ 450,000
	Sump Pumps in Buildings	3	EA	\$ 8,000	\$ 24,000
	Equipment Installation	1	LS	\$ 40,000	\$ 40,000
	EQUIPMENT SUBTOTAL				\$ 604,000
MECHANICAL PIPING					
	Sludge Suction Piping to Sludge Pumps (12-inch)	150	LF	\$ 150	\$ 22,500
	Sludge Discharge Piping to Dewatering (6-inch)	300	LF	\$ 75	\$ 22,500
	Drainage Piping (8-inch)	250	EA	\$ 100	\$ 25,000
	MECHANICAL PIPING SUBTOTAL				\$ 70,000
SITWORK					
	Demolition of existing primary tank	1	LS	\$ 50,000	\$ 50,000
	Storm Water Pollution and Prevention Plan	1	LS	\$ 25,000	\$ 25,000
	Site Restoration (Including Pavement, Grading, Seeding and Mulching)	1	LS	\$ 10,000	\$ 10,000
	SITWORK SUBTOTAL				\$ 85,000
	SUBTOTAL				\$ 2,559,000
OTHER DISCIPLINES					
	HVAC and Plumbing (10% of Structures)	1	LS	\$ 180,000	\$ 180,000
	Architectural (3% of Structures)	1	LS	\$ 54,000	\$ 54,000
	Electrical Instrumentation and Controls (25% of Equipment)	1	LS	\$ 151,000	\$ 151,000
	OTHER DISCIPLINES SUBTOTAL				\$ 385,000
	SUBTOTAL				\$ 2,644,000
	Technical Services (12%)				\$ 317,000
	Mobilization, Bonds and Insurance (3%)				\$ 79,000
	Contractor Overhead and Profit (15%)				\$ 397,000
	Contingencies (20%)				\$ 529,000
TOTAL					\$ 3,966,000

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CONCEPTUAL ESTIMATE

City of Napoleon - Proposed Integrative Project Planning Schedule

Design Phase Construction Phase Remaining WWTP Improvements

Project Phase	Project Name	Sub-Task Number	Project Description	Estimated Cost (2017)	NPDES PERMIT CYCLE					NPDES PERMIT CYCLE					NPDES PERMIT CYCLE					NPDES PERMIT CYCLE					NPDES PERMIT CYCLE				
					2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	
WASTEWATER TREATMENT PLANT IMPROVEMENTS																													
1	Headworks Improvements	1	Short term improvements to grit channel																										
		2	New headworks building including mechanical fine screening and grit removal																										
		3	Rehabilitate existing raw sewage pumping for drain pump station																										
		4	WWTP dike inspection																										
2	Digestion Rehabilitation	1	Rehabilitate existing anaerobic digestion system and storage tank																										
		2	Clean out secondary digester and storage tank																										
		3	Improve ventilation in press dewatering room																										
3	Primary Clarifier Improvements	1	Construct new primary clarifier and recirculating pumping station for TP3																										
		2	Reconfigure one (1) primary clarifier as gravity thickener or for new solids contact																										
		3	Dike Rehabilitation and expansion, as required																										
4	Remaining Improvements	-	TBD																										
PROPOSED WWTP IMPROVEMENTS SUBTOTAL				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		

WET WEATHER PLAN PROPOSED PROJECT SCHEDULE																													
-	NPDES Compliance Projects	-	All Bin 1 Projects in the proposed Wet Weather Plan Update	\$14,250,000				\$ 1,600,000	\$ 1,800,000			\$ 1,600,000								\$ 700,000		\$ 400,000	\$ 600,000		\$ 700,000		\$ 250,000		\$ 3,350,000
-	Other Infrastructure Projects	-	Remaining Bin 2 and Bin 3 Projects in the proposed Wet Weather Plan Update	\$16,825,000		\$ 2,000,000	\$ 235,000	\$ 700,000	\$ 1,100,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 860,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000
PROPOSED LTCF SUBTOTAL				\$31,075,000	\$ -	\$ 2,000,000	\$ 235,000	\$ 2,300,000	\$ 2,600,000	\$ 700,000	\$ 2,300,000	\$ 700,000	\$ 700,000	\$ 2,200,000	\$ 700,000	\$ 860,000	\$ 700,000	\$ 1,400,000	\$ 700,000	\$ 1,150,000	\$ 1,300,000	\$ 700,000	\$ 1,400,000	\$ 700,000	\$ 950,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 3,350,000

WWTP Annual Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
LTCF Annual Total	\$ -	\$ 2,000,000	\$ 235,000	\$ 2,300,000	\$ 2,600,000	\$ 700,000	\$ 2,300,000	\$ 700,000	\$ 700,000	\$ 2,200,000	\$ 700,000	\$ 860,000	\$ 700,000	\$ 1,400,000	\$ 700,000	\$ 1,150,000	\$ 1,300,000	\$ 700,000	\$ 1,400,000	\$ 700,000	\$ 950,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 3,350,000
Cumulative Total	\$ -	\$ 2,000,000	\$ 2,235,000	\$ 4,535,000	\$ 7,145,000	\$ 7,845,000	\$ 10,145,000	\$ 10,845,000	\$ 11,545,000	\$ 13,745,000	\$ 14,445,000	\$ 13,325,000	\$ 14,025,000	\$ 17,425,000	\$ 18,125,000	\$ 19,275,000	\$ 20,575,000	\$ 21,275,000	\$ 22,475,000	\$ 23,375,000	\$ 24,325,000	\$ 25,025,000	\$ 25,725,000	\$ 26,425,000	\$ 27,125,000	\$ 27,825,000	

Estimated Annual Debt Service:																												
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City of Napoleon, Ohio

BOARD OF PUBLIC AFFAIRS

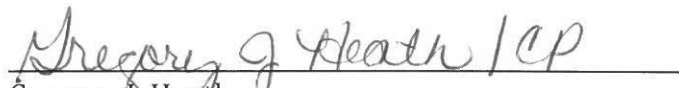
Meeting Agenda

Monday, August 13, 2018 at 6:15 pm

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

- 1) Approval of Minutes: June 11, 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 August 2018: PSCAF – three (3) month averaged factor \$0.02202, JV2 \$0.25987, and JV5 \$0.025987
- 3) Status of Transmission Ownership.
- 4) Efficiency Smart Program Update. (Tabled)
- 5) Electric Department Reports.

- 6) 2017 Sewer Rate Study (*with the Water & Sewer Committee*).
- 7) Yard Waste Site Policies (*with the Water & Sewer Committee*).
- 8) Any other matters to come before the Board.
- 9) Adjournment.



Gregory J. Heath
Finance Director/Clerk of Council

Long Term Control Plan

Mazur stated in mid-2017 we sent a letter to the EPA regarding some Long Term Control Plan (LTCP) projects that we felt were not necessary as they would not affect our system. We have corresponded back and forth with the EPA since then and met with them on March 26, 2018. Since 2004 the City has spent \$25 million on capital improvement projects and we are at the point where our focus needs to be on improvements at the WWTP. Currently, we are exceeding a capture rate of 98%, the collection system goal is 85%. Our issue is we have two (2) sanitary sewer overflows (SSOs). To do the remaining LTCP projects would cost the City \$31 million dollars. The sewer rates in the City of Napoleon have increased 80% since the LTCP has been in place, Napoleon's rates are 65% higher than the average rate for Ohio.

The projects we are looking at include: Williams Pumping Station, Elimination of the Haley Avenue SSO (that would tie-in with one of the other sewers along Riverview) and replacing the VanHynning Pump Station. The Williams Pump Station will be forty years old next year, VanHynning is thirty years old now, and the one by the hospital was done in 1978. We have to be committed to eliminating the SSO at Glenwood. DeWit asked why to which Mazur answered "because they said so". Lulfs explained an SSO overflows with no rain and is the Federal Law. Cordes asked if we will have more problems with Lake Erie being designated as a protected waterway. Mazur said it will probably affect the plant as it is a point of source. Prigge asked how many SSOs and CSOs we started with. Lulfs estimated between 20-30 with two (2) SSOs and five (5) CSOs left.

The most recent correspondence from the EPA was in May, they were questioning some of the things we presented and talked about, we are drafting a letter responding to their concerns. We are looking for a commitment to Phase 1 of the WWTP improvements and have asked for ten years. Their concern is the Glenwood SSO and the timing of Phase 1 completion. Sheaffer said "I do not want a 0% loan I want a grant that you don't have to pay back".

Integrated Planning

Mazur reported Stantec did an Integrated Plan for the WWTP. Pike added the plan is moving towards mandates coming down the road from the EPA. Mazur said the big project will be the headworks, right now we have a 1959 grit removal system at the plant. Pike stated the main reason we want to start up next year is due to the age and condition of the existing plant plus the EPA will be changing their requirements within the next ten years. That is why we are looking at a long term period and want to get into an integrated plan, we don't want to get into a situation where we have to spend \$20 million in three years. Phase 1 is the recommended option to increase the capacity of the whole plant. Part of Phase 1 would be the digesters and purchasing new updated equipment for sludge processing. Mazur explained there is not a good exhaust system down there right now, the equipment is deteriorating more than usual, the building is not designed properly there is no ventilation in that building. We are looking at doing project numbers 1, 2 and 3. Pike said everything at the plant is 1959 realm. Lulfs added the plant looks in great shape; but, things are wearing out. DeWit suggested considering an operating reserve fund. Mazur said the estimated cost for Phase 1 including engineering costs is \$8 million dollars, the project would be designed next year with construction to begin in 2020 or 2021. The cost to do Option B is a little over \$11 million dollars. Not included on the proposed project list is the fourth augur that will have to be put in when VanHynning Pump Station is done.

City of Napoleon, Ohio

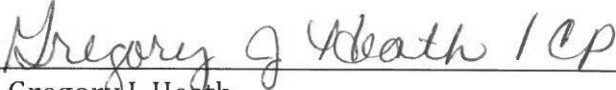
**MUNICIPAL PROPERTIES, BUILDINGS, LAND USE, AND ECONOMIC DEVELOPMENT
COMMITTEE**

MEETING AGENDA

Monday, August 13, 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) City Right-of-Way Occupancy Permit.
- 3) Expansion of CRA No. 6.
- 4) NORA Update.
- 5) Brownfield Grant Opportunity.
- 6) Any other matters currently assigned to the Committee.
- 7) Adjournment.



Gregory J. Heath
Finance Director/Clerk of Council

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

MEETING MINUTES

Monday, June 11, 2018 at 7:30 PM

PRESENT

Members:
City Manager
Finance Director
Recorder/Records Clerk
City Staff

Lori Siclair-Chair, Jeff Mires, Joseph D. Bialorucki, Mayor Jason Maassel
Joel L. Mazur
Gregory J. Heath
Roxanne Dietrich
Chad E. Lulfs, Public Works Director

ABSENT

Call to Order

Chairman Siclair called the Municipal Properties, Building, Land Use and Economic Development Committee meeting to order at 8:20 pm.

Approval of Minutes

Hearing no objections or corrections, the minutes from the May 14, 2018 meeting stand approved as presented.

Project Schedules

Mazur stated Marty Crossland is no longer working for the City, he was the Staff Engineer who designed a lot of the projects and helped with the inspections. Projects in progress or slated for later this year are:
Park Street will be bid in 2018 and completed in 2019.
Miscellaneous Streets we are still looking at carrying this project over due to the income tax refund issue.
Williams Pump Station we are hoping to bid this year. Lulfs added this project is being held up by property acquisition, there are several easements we are in the negotiation process on.
Downtown Improvements - Phase 2 and Industrial Drive have both been bid and awarded.
VanHynning Pump Station Lulfs stated the design of the VanHynning Pump Station is in this year's budget the plan is to do QBS this year, we are not in a big hurry, there is \$100,000 budgeted for the design cost.
Mazur said in last year's budget was the Clairmont project, this is a LTCP project we are still negotiating with the EPA on.
Tentatively, Nagels is looking to start the Downtown Improvements Project the first full week in August, the preconstruction meeting is set for June 27th.
Projects we are looking at in 2019: Haley Avenue, Becklee, Ken James, Trail Drive (will also be widened to meet current city standards), Park Street Construction, preliminary design of the WWTP and Miscellaneous Streets that is being carried over from 2018.
Maassel asked about Ohio Street in 2019. Lulfs responded the plan is to take a look at Ohio Street later this year, right now there are streets out there in worse shape than Ohio is. Lynne needs underground work and that cannot be done until Clairmont is done, the sewers feeds to Clairmont, the existing sewer

City of Napoleon, Ohio


CIVIL SERVICE COMMISSION

Special Meeting Agenda

Tuesday, August 14, 2018 at 4:30 pm

Location: Council Chambers, 255 West Riverview Avenue, Napoleon, OH

1. Approve Applicants for Police Officer.
2. Review Police Officer Physical Fitness Test.
3. Any other matters to come before the Commission.
4. Adjournment.



Gregory J. Heath

Finance Director/Clerk of Council

City of Napoleon, Ohio

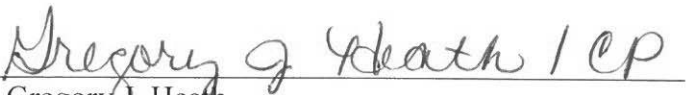
PLANNING COMMISSION

Meeting Agenda

Tuesday, August 14, 2018 at 5:00 pm

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

- 1) Organization of Commission.
- 2) Approval of September 12, 2017 Minutes (In the absence of any corrections or objections, the minutes shall stand approved.).
- 3) New Business
PC 18-02 – CONDITIONAL USE PERMIT
An application for a public hearing has been filed by JanMar Properties, 582 Moorings Dr., Napoleon, Ohio 43545 (Suzette Gerken). The applicant is requesting the approval of a Conditional Use Permit to have a Planned Cluster Development. The request is pursuant to Chapter 1141 of the Codified Ordinances of Napoleon, Ohio. The property is in a C-4 Planned Commercial Zoning District.
- 4) Closing Remarks.
- 5) Adjournment.



Gregory J. Heath
Finance Director/Clerk of Council

PLANNING COMMISSION

MEETING MINUTES

Tuesday, September 12, 2017 at 5:00 PM

PC 17-04 – Public Hearing – Medical Marijuana Moratorium

PRESENT	
Members	Robert McLimans-Chairman, Marvin Barlow, Fredric Furney, Jason Maassel-Mayor (arrived at 5:05 pm)
City Staff	Joel Mazur-City Manager Billy D. Harmon-City Law Director Mark Spiess-Sr. Eng. Tech/Zoning Administrator
Recorder	Roxanne Dietrich
Others	
ABSENT	
Commission Members	Tim Barry
Call to Order	Chairman McLimans called the meeting to order at 5:00 pm followed by a roll call noting two members were not in attendance but there is a quorum.
Approval of Minutes	The Minutes from August 08, 2017 were approved as read with no objections or corrections.
PC 17-04 Background	<p>Chairman McLimans read the background for PC 17-04:</p> <p>On September 8, 2016, Ohio House Bill 523, took effect approving a Medical Marijuana Control Program, under which licensed medical marijuana cultivators, processors, dispensaries, and testing laboratories could legally operate within the State of Ohio. The State of Ohio is currently creating rules related to the Medical Marijuana Control Program, with a legal mandate of having a functioning system of operating medical marijuana cultivators, processors, dispensaries, and testing laboratories in place by September 8, 2018. The City of Napoleon, Ohio, pursuant to Ohio House Bill 523 and other law, has the power to create zoning and licensing laws relating to these medical marijuana entities.</p> <p>Ohio House Bill 523, however, creates a direct conflict between Ohio law and federal law. The federal Controlled Substances Act (“CSA”) currently designates marijuana as a Schedule I controlled substance which makes its use for any purpose, including medical applications, a crime. 21 USC §§ 812(b)(1), 841(a)(1). Additionally, under the CSA, it is illegal to manufacture, distribute, or dispense a controlled substance, including marijuana (21 USC § 841(a)(1)), or conspire to do so (21 USC § 846). Consequently, any person or entity engaged in the cultivating, processing, prescribing, or use of medical marijuana does so in violation of federal law. Federal laws ordinarily preempt and trump inconsistent state laws under the federal Supremacy Clause. In this situation it is clear that federal law does preempt state law.</p> <p>In 2013, the U.S. Department of Justice (“USDOJ”), under the Obama Administration, issued a memorandum stating its general policy not to interfere with the medical use of marijuana pursuant to state laws, provided the state tightly regulates and controls the medical marijuana market. Memorandum</p>

from James M. Cole, Deputy Attorney General, to All United States Attorneys, Guidance Regarding Marijuana Enforcement (August 29, 2013) ("Cole Memorandum"). The Cole Memorandum does not override federal law enacted by Congress or grant immunity to individuals or businesses from federal prosecution. It is unclear whether the current administration will continue with the above policy or begin prosecuting those currently violating federal law.

PC 17-04 Findings

Spiess read the Findings:

Findings

A medical marijuana entity seeking to obtain a local operating license from the City of Napoleon under H.B. 523 seeks to obtain a license to conduct illegal activity.

Recommendations

This Commission should recommend to Council that it enact an absolute prohibition on the cultivation, processing, testing, packing, storage, and retail of marijuana within the City of Napoleon. The City cannot grant permits to violate the law.

Comments/Concerns

No one was present.

City Law Director Harmon commented the Memorandum lays out my opinion on this situation, there is state law in this state and others that does permit medical marijuana in certain situations; however, it is still illegal federally and anybody involved in this activity is technically committing a federal crime and can be prosecuted for violating a law; therefore, it is my opinion the City should not be involved in violating the federal law and licensing it or any other capacity so it would be by my recommendation to enact absolute prohibition on medical marijuana in any capacity.

Barlow stated there is a clear case of conflict between two governing bodies and until that is cleared up, the City of Napoleon does not need to be involved in how that would be enforced.

Furney said there is conflict and Napoleon should stay out

McLimans noted he agrees with what is before the Board tonight.

**Motion to Approve
PC 17-04**

Motion: Barlow
to approve PC 17-04

Second: Furney

Maassel Arrives

Mayor Maassel arrives 5:05 pm.

Passed

Yea-4

Nay-0

Roll call vote on above motion:

Yea-McLimans, Barlow, Furney, Maassel

Nay-

Motion carries and will go to City Council at their next session.

Adjourn

Motion: Barlow

Second: Furney

To adjourn the Planning Commission meeting at 5:06 pm.

Motion approved by unanimous voice vote.

Approved:

August 14, 2018

Chairperson

DRAFT

PC-18-02
Conditional Use Permit
For A Planned Cluster Development (PCD)
Located On Clairmont Ave. (Former West School Property)

MEMORANDUM

TO: Members of The City Planning Commission
FROM: Mark B. Spiess, Sr. Eng. Tech. / Zoning Admin.
SUBJECT: Conditional Use Permit For A Planned Cluster Development
MEETING DATE: August 14, 2018 @ 5:00 PM
HEARING #: PC-18-02

BACKGROUND:

An application for public hearing has been filed by JanMar Properties, 582 Moorings Dr., Napoleon, Ohio 43545 (Suzette Gerken). The applicant is requesting the approval of a Conditional Use Permit to have a Planned Cluster Development. The request is pursuant to Chapter 1141 of the Codified Ordinances of Napoleon Ohio. The property is in a C-4 Planned Commercial Zoning District.

RESEARCH AND FINDING

1. A Conditional Use permit is required for any Planned Development to be located in an R-2 Low Density Residential Zone as per 1145.01(a) Table of Permissible Uses.
2. **Definition:** 1143.01(c) Planned Cluster Development (PCD). The Planned Cluster Development regulations are established to permit the clustering of single-family dwellings on reduced size lots to achieve more desirable developments by the creation of common open space equal in area to the reduction in lot size and thereby increase the total value of the development for the benefit of the property owner and the community. Cluster Developments are intended to encourage a break from monotonous rectilinear and curvilinear lot and street patterns that are common subdivision practices.
3. Scope Of Project: (See Attached)

RECOMMENDED CONDITIONS:

1. It is recommended the PCD follow all of the conditions set forth under chapter 1143.05 of the codified ordinances (attached) while allowing the following exceptions:
 - a. A zero (0) side yard setback be established between the adjoining townhouses
 - b. A reduction of the front yard setback from thirty (30) feet to twenty (20) feet on Old School Dr. to allow the cul-de-sac to meet City Of Napoleon standards.

WEST VIEW VILLAS

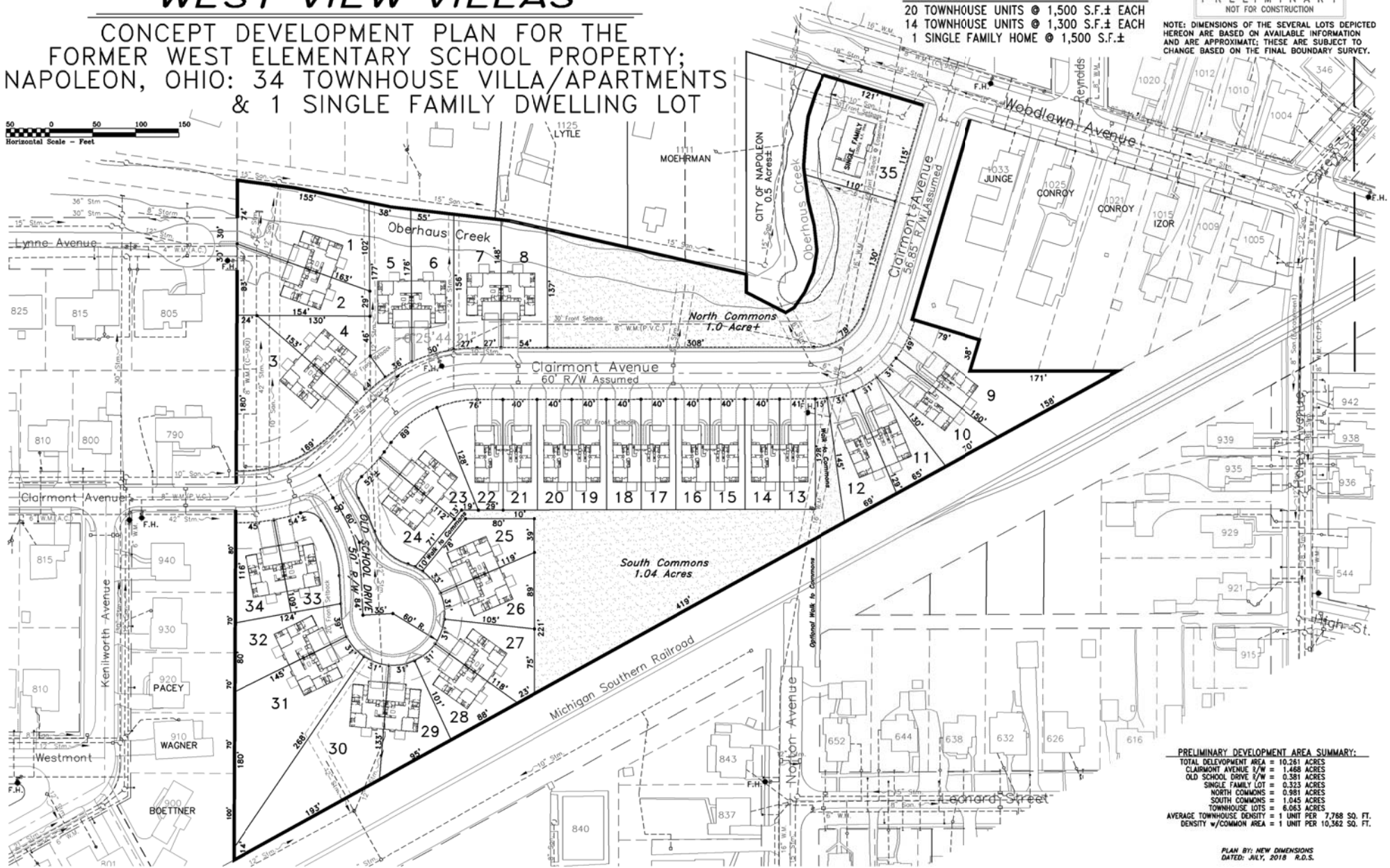
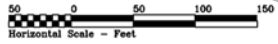
CONCEPT DEVELOPMENT PLAN FOR THE
FORMER WEST ELEMENTARY SCHOOL PROPERTY;
NAPOLEON, OHIO: 34 TOWNHOUSE VILLA/APARTMENTS
& 1 SINGLE FAMILY DWELLING LOT

DWELLING UNIT SUMMARY

20 TOWNHOUSE UNITS @ 1,500 S.F.± EACH
14 TOWNHOUSE UNITS @ 1,300 S.F.± EACH
1 SINGLE FAMILY HOME @ 1,500 S.F.±

PRELIMINARY
NOT FOR CONSTRUCTION

NOTE: DIMENSIONS OF THE SEVERAL LOTS DEPICTED
HEREON ARE BASED ON AVAILABLE INFORMATION
AND ARE APPROXIMATE; THESE ARE SUBJECT TO
CHANGE BASED ON THE FINAL BOUNDARY SURVEY.



PRELIMINARY DEVELOPMENT AREA SUMMARY:

TOTAL DEVELOPMENT AREA	= 10.281 ACRES
CLAIRMONT AVENUE R/W	= 1.488 ACRES
OLD SCHOOL DRIVE R/W	= 0.381 ACRES
SINGLE FAMILY LOT	= 0.323 ACRES
NORTH COMMONS	= 0.981 ACRES
SOUTH COMMONS	= 1.045 ACRES
TOWNHOUSE LOTS	= 6.063 ACRES
AVERAGE TOWNHOUSE DENSITY	= 1 UNIT PER 7,788 SQ. FT.
DENSITY w/COMMON AREA	= 1 UNIT PER 10,362 SQ. FT.

PLAN BY: NEW DIMENSIONS
DATED: JULY, 2018 R.D.S.

Approval of Preliminary Plat for a subdivision to re-develop the former West Elementary School Property for residential use.

Development would include one (1) single family detached dwelling and thirty-four (34) duplex, zero lot line, townhouse dwellings on individual lots of variable size. Smaller lot sizes for some townhouse units is compensated by the North & South Commons open area to be held and managed by the West View Villas Home Owners Association.

Request would include approval for two (2) setback requirements:

- 1) A zero lot line side setback for the duplex townhouse units.
- 2) A reduction of the front yard setback from 30' to 20' for the townhouse units fronting on the proposed Old School Drive.

1143.05 PLANNED CLUSTER DEVELOPMENT.

(a) Permitted Zones. A Planned Cluster Development shall be permitted only in Zoning Districts as found in Chapter 1145.

(b) Site Standards.

(1) A Planned Cluster Development may be permitted only on land of ten acres or more; and

(2) A Planned Cluster Development shall consist of not less than twenty (20) dwelling units contained within not less than five principal buildings; and

(3) A Planned Cluster Development shall be served by a public water supply and be connected to the public sanitary sewer; and

(4) The site for any Planned Cluster Development shall have public street frontage to construct the necessary road(s) needed to serve the development. Such frontage shall not be less than three times the frontage required by the district regulations in which the development is located.

(5) Individual lot size within the Planned Cluster Development may be reduced and the regulations, with respect to yard requirements, lot area and width required by the district regulations, may be modified if the Planning Commission finds that the proposed development conforms to the design standards of City Code Section 1143.02. Open space resulting from reduced lot size shall be utilized in accordance with subsection (c)(3) hereof.

(c) Development Standards.

(1) The number of dwelling units within a Planned Cluster Development shall be determined by dividing the net land area of the subject property by the area of the minimum lot size permitted for the zoning classification, in which the development is located. In the event that the subject property is classified in two or more zoning classifications, the density shall be determined by using the net land area described above for each zoning classification; and

(2) The open space resulting from the Cluster Development of reduced lot sizes shall be considered common open space for the enjoyment and benefit of all residents of the development. Primary access from such common open space to each building site need not be provided; however, convenient access through permanent easement must be provided and perpetually guaranteed to all residents of the development. Open space included with the Cluster Development shall not be utilized for future residential building sites or for accessory buildings; and

(3) All or any part of the open space may be dedicated to the City and operated as a City recreational facility; provided however, that no substantial permanent improvements above ground shall be permitted; and

(4) If the open space is not dedicated to the City, the space to be reserved for use by resident property owners shall be assigned to a home-owners association or some comparable type of organization establishing common ownership and maintenance criteria for all common open space. Such ownership document shall be submitted to and approved by the Planning Commission; and

(5) Open off-street parking areas shall be screened with shrubbery, trees, or decorative fence if said parking area is designed for six or more vehicles. Such screening shall be included in the development plan.

(d) Required Plans, Plats, and Procedures.

(1) Any applicant for a Planned Cluster Development under these regulations shall file an application with the Zoning Administrator. The application shall include all the following information:

A. A statement describing the general character of the intended development, together with such pertinent information as may be necessary to determine that the contemplated development conforms to the requirements of this Planning and Zoning Code and the general and specific standards established herein.

B. A site plan indicating the arrangement and location of buildings, uses proposed, open space and landscaped area, pedestrian walkways, parking and loading spaces and facilities and other special features of the development plan.

C. Architectural elevations and perspective drawings of all proposed structures and improvements.

D. A landscape plan, including a comprehensive drainage plan.

E. Ownership declaration: such declaration shall be filed with the Zoning Administrator during the application filing if the Planned Cluster Development premise is proposed to be in condominium ownership. Articles of incorporation and declaration of covenants and restrictions shall be examined and evaluated by the Planning Commission, in terms of statement of purpose, standards and requirements contained therein. Planned Cluster Development shall be recommended to the City Council for approval, only after a

determination has been made that the proposed development does in fact serve such purpose and complies with such standards and requirements pursuant to this Planning and Zoning Code.

(2) The Planned Cluster Development shall be examined and evaluated by the Planning Commission in terms of the statement of purpose contained herein. Recommendation for approval may be made only after a determination has been made that the proposed development does in fact serve such purpose as contained in this Planning and Zoning Code.

(Ord. 074-10. Passed 12-20-10.)

City of Napoleon, Ohio

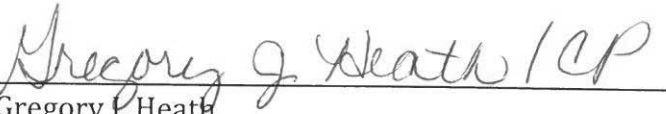
CIVIL SERVICE COMMISSION

Special Meeting Agenda

Saturday, August 18, 2018 at 10:00 am

Location: St. Paul Lutheran Church, 1075 Glenwood Avenue, Napoleon, OH

1. Administer the Police Officer Physical Fitness Test.
2. Adjournment.



Gregory J. Heath
Finance Director/Clerk of Council



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 *GGH/CP*

cc:

Date: August 10, 2018

Subject: BZA – Cancellation

The regularly scheduled meeting of the Board of Zoning Appeals set for Tuesday, August 14, 2018 at 4:30 pm has been CANCELED due to lack of agenda items.



AMP launches new online Member Directory

By *Bethany Kiser - senior manager of digital content*

AMP has launched a new online Member Directory, making it easier to access member contacts and technical data, on your PC or directly from your mobile device.

The new directory is a user-friendly resource offering access to information about AMP members including community contacts, demographics and technical data.

The AMP Member Directory is available on the [member extranet](#) (login required). To access the directory, log into the extranet home page and navigate to the directory page.

If you have any questions or need extranet login assistance, please contact me at 614.540.0945 or bkiser@amppartners.org.

The screenshot shows the AMP website's 'Board Members' page. The top navigation bar includes links for 'About AMP', 'Board Members', 'AMP Staff', 'Member Data', 'Service Groups', 'Generation', 'Project Participation', 'Mutual Aid', 'MSPS', 'Download Directory', and 'AMPPartners.org'. The main content is divided into two columns: 'AMP Board of Trustees' and 'OMEA Board of Directors'. Each board member is represented by a small profile card containing a photo, name, title, and location. The AMP Board of Trustees includes Steve Dupac (Chair, Village Manager, Wellington, OH), Patrick McCaffar (Treasurer, President & CEO, Sylvania), Brian O'Connell (Director of Utilities, Bowling Green, OH), and Ivan Henderson (Commissioner, Cleveland Public Power). The OMEA Board of Directors includes Richard Hemrichhausen (President, Mayor, Sylvania, OH), Steve Yagocki (President/Commissioner, Mayor, Sylvania, OH), Robin Laskaugh (Formerly, Customer Support, Sylvania, OH), Carrie Schladt (Mayor, Sylvania, OH), Jeffrey Havel (Mayor, Celina, OH), Dan Walters (Mayor, Clayburgh Falls, OH), Denise Knacht (Fiscal Officer), and Matthew Van Stein (Council Member).

Bowling Green Municipal Utilities

Address
304 North Church Street, Bowling Green, OH 43402

Phone Numbers
• (419) 354-6286

Established:
1942

Board of Public Utilities

- Megan Rowland, Chair
- Amy Cliff Adams
- Bill Culbertson
- Mike Fricc
- Matt Pasquetto

The Board meets at 5 p.m. the second and fourth Mondays at Council Chambers, 304 North Church Street.

Technical Data

Detail	Value
2016 System Peak	105,381 kW 9/7, 15:00 hrs.
2015 System Peak	97,973 kW
All-time system peak	105,381 kW 9/7/16, 15:00 hrs.
2016 energy sold	544,261,442 kWh
2015 energy sold	530,181,585 kWh
Wholesale Supplier	AMP
Utility Interconnectors	Not Available
Transmission Voltage	33kV
Delivery Voltage	33kV
Distribution Voltage	12.47/7.2 kV

Number of meters	
Residential	12,752
Commercial	5,787
Industrial	12
Other	12

Energy sold by class	
Residential	98,474,217 kWh
Commercial	57,032,117 kWh
Industrial	379,729,368 kWh
Other	8,825,540 kWh

Web application

Technical Data

Detail	Value
2016 System Peak	105,381 kW 9/7, 15:00 hrs.
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All-time system peak	105,381 kW 9/7/16, 15:00 hrs.
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2015 energy sold	530,181,585 kWh
Wholesale Supplier	AMP

Board Members

AMP Board of Trustees

Steve Dupee
Chair
Village Manager
Wellington, OH

Jeff Brediger
Vice Chair
Director of Utilities
Orrville, OH

Mobile application

The 2018 AMP Lineworkers Rodeo is almost here - answer the call

By Michelle Palmer, P.E. - vice president of technical services

The AMP Lineworkers Rodeo, set for Aug. 24-25 at AMP headquarters in Columbus, provides journeyman and apprentice lineworkers the opportunity to demonstrate their skill and knowledge of the craft. Competitors have the opportunity to compete in one of three categories: apprentice, individual journeyman and journeyman team. Teams can be comprised of individuals from multiple municipalities.

For those interested in competing, registration will remain open until Aug. 10. Event descriptions and registration are available on the [rodeo page](#) of the [AMP website](#). Volunteers are still needed for the event. Please complete the [volunteer registration form](#) if you are interested in assisting. If you have questions about the competition or registration, please contact Jennifer Flockerzie at jflockerzie@amppartners.org.



2018 AMP Lineworkers Rodeo hype video - answer the call

AMP, APPA and PPANJ file for rehearing of FERC Order on PJM capacity construct

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

On July 30, AMP along with the American Public Power Association (APPA) and the Public Power Association of New Jersey (PPANJ) filed for rehearing of a June 29, 2018 Federal Energy Regulatory Commission (FERC) order regarding a proposal by PJM Interconnection L. L. C. (PJM) to significantly modify its resource adequacy construct (the Reliability Pricing Model or "RPM").

The June 29 Order found that PJM's existing tariff provisions on RPM are unjust, unreasonable and unduly discriminatory, but also rejected the two proffered alternatives proposed by PJM to remedy the perceived issue of generating resources that receive out of market payments (subsidies) artificially suppressing capacity prices. In its filing to modify RPM, PJM offered two proposals: the PJM proposal for Capacity Repricing and the PJM Independent Market Monitor's minimum offer price rule (MOPR) proposal (or the "MOPR-Ex" proposal). (See Update Article [AMP files protest to PJM's proposed capacity market change](#) from May 11, 2018). The June 29 Order found that neither PJM's existing tariff nor either proposed solution adequately addresses the risk of out-of-market subsidies suppressing capacity market clearing prices. Instead, the Commission proposed its own high-level solution to modify RPM to include an expanded MOPR that applies to new and existing generating resources with little to no exceptions coupled with an option for specific resources (and some amount of corresponding load) to avoid the auction by electing a new Fixed Resource Requirement (FRR) option.

In the rehearing request, AMP, APPA and PPANJ argued that, although we agree that RPM is a seriously flawed administrative construct, FERC's finding that MOPR should be applied to all existing and new generating resources was arbitrary and capricious, and not supported by substantial evidence. Further, AMP, APPA and PPANJ argued that the 90-day paper hearing process laid out in the Order is an inadequate amount of time for interested parties to address these fundamental and complex changes to the PJM capacity construct.

FERC's June 29 Order directed that interested parties may submit comments to FERC by Aug. 28, 2018, and reply comments by Sept. 27. A final FERC Order is expected by Jan. 4, 2019. The joint request for rehearing can be accessed on the AMP website [here](#). Please contact me at lmcalister@amppartners.org or Kristin Rothey at krothey@amppartners.org should you have questions regarding this matter.

Save the date: Continuing Legal Education

By Kristin Rothey - assistant deputy general counsel - FERC/RTO affairs

Michael Kyser - assistant deputy general counsel

Attention legal advisors to AMP Members: save these dates!

- Tuesday - Sept. 25, 2018
- Wednesday - Sept. 26, 2018

AMP has applied for accreditation by the Supreme Court of Ohio Commission on Continuing Legal Education for Ohio Continuing Legal Education (CLE) credits for the upcoming 2018 AMP/OMEA Annual Conference.

Conference topics that may be approved for CLE credit include:

1. Update regarding public power opportunities and challenges facing AMP and OMEA members

Update on the APPA strategic plan along with the challenges and opportunities facing public power, and major regulatory and other industry trends that APPA is addressing, including legal implications of evolving customer preferences, new technologies, utility workforce issues, increasing regulation and community solar.

2. The growing uses of unmanned aircraft system (UAS)/drones

This presentation is designed to bring attendees up to speed on how UAS/drones are currently being used worldwide, what the regulations are and what factors should be considered if you are evaluating the idea of setting up an internal UAS program. This presentation will also cover current issues involving how to protect your assets from third-party drones.

3. Federal and state legislative and regulatory update regarding municipal electric utilities

You can attend all of the CLE courses (over a two-day period) at the low cost of \$220. The cost includes: CLE sessions, breakfast, lunch and the Municipal Electric Partner Reception on Sept. 25, as well as breakfast, CLE sessions and lunch on Sept. 26.

We hope you will be able to attend. Additional details will be provided if, and when, the Supreme Court approves AMP's application for Ohio CLE accreditation. Until such time, for any general questions or comments regarding the proposed CLE program, please contact Michael Kyser at 614.540.0984 or mkyser@amppartners.org or Kristin Rothey at 614.540.0852 or krothey@amppartners.org.

Finance and Accounting Subcommittee webinar covers roles in a bond issue

By Joe Regan - member credit compliance analyst

On Aug. 1, AMP hosted participants from throughout AMP member communities for the third Finance and Accounting Subcommittee webinar of 2018.

Lisa Eisenberg, deputy director, Office of Debt Management, the Ohio Treasurer of State's office, presented *Roles in a Bond Issue*. Eisenberg provided an overview of the various entities involved in the issuance of debt. Specifically, she discussed topics such as choosing legal counsel, the role of municipal advisers and choosing a municipal adviser, the role of an underwriter and choosing an underwriter, and the role of a trustee. Additionally, she discussed how rating agencies play a role in debt issuance and provided a brief discussion on the Ohio Market Access Program and credit enhancement.

For those interested in viewing this webinar, it will be available to view on the [member extranet](#) (login required). If you need assistance or have any questions, please contact me at 614.540.6913 or jregan2@amppartners.org.

Please stay tuned for details regarding the next Finance and Accounting Subcommittee webinar.

River conditions allow hydro facilities to hit near-maximum output

By Phil Meier - vice president of hydroelectric development and operations

On Aug. 1, favorable flow conditions on the Ohio River allowed for the hydro facilities to hit a near-maximum output of 401 MW. This was comprised of the following facility outputs:

- Belleville - 45 MW
- Cannelton - 90 MW
- Smithland - 81 MW
- Willow Island - 22 MW (Unit One down for repair)
- Greenup - 58 MW
- Meldahl - 105 MW



Update on 2015 Ozone National Ambient Air Quality Standard

By Adam Ward - vice president of environmental affairs, sustainability and energy policy

The 2015 National Ambient Air Quality Standard (NAAQS) for ozone was promulgated in October 2015 and lowered the acceptable level of ground-level ozone from 75 parts per billion (ppb) to 70 ppb. Industry and state petitioners immediately challenged the new standard, claiming that it was too stringent and costly. On April 11, 2017, the D.C. Circuit Court of Appeals placed all legal challenges to the rule on hold until Environmental Protection Agency (EPA) completed its new review of the rule.



On Aug. 1, the EPA announced in a court filing that it would not revise or repeal the 2015 ozone standard. States are now tasked with preparing plans to reduce emissions of nitrogen oxides and volatile organic compounds in non-attainment counties. These plans may impact AMP, member communities and/or commercial/industrial customers by requiring additional measures to reduce air emissions. In addition, new or expanding businesses may experience additional challenges when pursuing air permits.

The Clean Air Act requires EPA to review the ozone NAAQS every five years, with the next review due in 2020. The EPA plans to re-evaluate the ozone standard at that time, rather than engage in protracted litigation associated with the current standard. AMP environmental affairs staff will continue tracking this important rule and provide additional updates as appropriate.

For more information, please contact me at 614.540.0946 or award@amppartners.org.

AMP holds regional safety meeting Aug. 1 in Grove City

By Scott McKenzie - member safety manager

On Aug. 1, AMP held a regional safety meeting at the Borough of Grove City Electric Department. There were 36 attendees from the member communities of Columbiana, Ellwood City, Grove City, Newton Falls, New Wilmington, Niles, Painesville, Westerville and Zelenople. The meeting focused on underground safety.

Safety meetings provide attendees with the opportunity to increase their knowledge of safe procedures, learn about new products and strengthen relationships with other member communities, as well as with

AMP staff. For more information about training opportunities, a copy of the 2018 AMP Training Catalog is available on the [member extranet](#) (login required).

If you have questions about regional safety meetings or training opportunities, please contact Jennifer Flockerzie at jflockerzie@amppartners.org or 614.540.0853.



July 2018: Normal temperatures and prices

By Mike Migliore - vice president of power supply and marketing

After a hot start, July 2018 temperatures were close to average for most of the final two-thirds of the month. Prices also finished in the range of past July's and close to the forward price of July 2018 power that sold in 2017. The highest hourly day-ahead price for the month was \$117/MWh in AEP on July 2 at 6 p.m. Real-time prices hit a peak of \$108/MWh in AEP on July 10 and only exceeded \$100/MWh for two hours during the month. Congestion costs were relatively low throughout PJM.

AVERAGE DAILY RATE COMPARISONS			
	July 2018 \$/MWh	June 2018 \$/MWh	July 2017 \$/MWh
A/D Hub 7x24 Price	\$32.33	\$30.75	\$29.83
PJM West 7x24 Price	\$32.27	\$29.64	\$28.88
A/D to AMP-ATSI Congestion/Losses	\$1.79	\$1.53	\$0.37
A/D to Blue Ridge Congestion/Losses	\$0.43	\$0.01	\$0.54
A/D to PJM West Congestion/Losses	-\$0.06	-\$1.12	-\$0.96
PJM West to PP&L Congestion/Losses	-\$2.11	-\$5.30	-\$1.47
IND Hub to A/D Hub Congestion/Losses	\$0.75	-\$1.72	-\$0.11

Energy markets update

By Jerry Willman - assistant vice president of energy marketing

The September 2018 natural gas contract increased \$0.058/MMBtu to close at \$2.816 yesterday. The EIA reported an injection of 35 Bcf for the week ending July 27, which was below market expectations of 43 Bcf. Gas in storage now stands at 2,308 Bcf. This is 20 percent under the five-year average of 2,873 Bcf. Gas in storage for this week one year ago was 2,996 Bcf.

On-peak power prices for 2019 at AD Hub closed yesterday at \$36.02/MWh, which was \$.22/MWh higher for the week.

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

Week ending Aug. 3

MON	TUE	WED	THU	FRI
\$34.64	\$33.22	\$37.68	\$36.40	\$36.24

Week ending July 27

MON	TUE	WED	THU	FRI
\$37.56	\$36.88	\$36.56	\$37.81	\$33.45

AEP/Dayton 2019 5x16 price as of Aug. 2 — \$36.02

AEP/Dayton 2019 5x16 price as of July 26 — \$35.80

AFEC weekly update

By Jerry Willman

PJM dispatched the AMP Fremont Energy Center offline on Saturday and Sunday morning during select off-peak hours based on economics. The plant remained online for the balance of the week and operated between base load and duct fire range during the peak hours. Duct firing operated for 99 hours this week. The plant generated at a 73 percent capacity factor (based on 675 MW rating).



AMP was represented at the 2018 IRONMAN 70.3 Ohio - Relay Division, presented by OhioHealth and held in Delaware on Sunday, July 29. Pictured: Dustin Gerken (center) -- son of Marc and Marsha Gerken -- completed the 1.2 mile swim in Delaware State Park Lake in 32 minutes and 22 seconds; Ed Krieger, Power System Director for City of Piqua, completed the 56-mile bike segment in 3 hours, 3 minutes and 12 seconds; and Pam Sullivan, AMP Executive Vice President of Power Supply and Generation, completed the final segment of the relay by running 13.1 miles in 2 hours, 10 minutes and 51 seconds. The trio finished 37th out of 86 teams competing in the Relay Division, completing the 70.3 mile triathlon (swim/bike/run) in 5 hours, 49 minutes and 41 seconds.

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.

- Strategic Planning Series
Down to Brass Tacks: Implementing Your Strategic Plan **Sept. 6**
- Accounting & Finance Series
Developing Cash Reserve Policies **Sept. 10**
- Wireless Pole Attachment Series
Lessons from the Field: Wireless Deployment Best Practices and Issues **Sept. 13**
- Electric Diagnostic Testing of Power Transformers for Municipals **Sept. 20**



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 Newton Falls seeks applicants for city manager

The City of Newton Falls is seeking applicants for the position of city manager. Salary negotiable, plus excellent benefits. Newton Falls residency is required. Newton Falls has a charter form of government with a five-member council and mayor. \$17.6 million budget, 38 full-time employees and 23 part-time employees. Municipal utilities include water treatment, water pollution control and electric distribution. A graduate degree in government/public administration/business-related field with a background in electric, water, water pollution control, administration, personnel management and economic development or municipal finance is preferred. Desire a credentialed City Manager who is a strong leader and motivator. Please send a letter of interest, resume, salary history, requirements and at least three work-related references to Kathleen King, city clerk, 19 N. Canal St., Newton Falls, OH 44444 or email cityclerk@ci.newtonfalls.oh.us by Aug. 31, 2018. EOE

City of Westerville seeks applicants for utility billing supervisor

The City of Westerville is seeking an experienced professional to serve as utility billing supervisor for our nationally recognized community of more than 37,000 residents who are provided water, sewer, trash and electricity services through municipal accounts. The city, served primarily through AMI-metering, has a newly-expanded water plant and its electric division is the only municipally owned and operated suburban electrical provider in Central Ohio.

The successful candidate will supervise six FTE/s in utility billing, accounts receivable, customer service and metering. Primary work involves planning, directing and supervising all utility billing and collection activities, assuring billing accounts are accurately posted, payments are properly applied to customer accounts, delinquent accounts are processed in accordance with the city's policies and procedures, and customer inquiries receive timely and courteous responses. The utility billing supervisor provides input oversight of: the budgeting process; meter reading activities for non-AMI metered accounts; meter checks due to exception reports; compliance with related state and federal statutes; and other related financial and legislative requirements regarding public utilities.

Required: College degree in business or public administration, accounting or finance, and a minimum three years of direct supervisory experience is preferred. No resumes please. Apply at www.westerville.org. EOE/ADA

Opportunities available at AMP

AMP is seeking applicants for the following positions:

Intern - strategic planning and risk

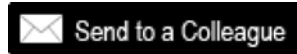
For complete job descriptions, please visit the [AMP careers page](#).

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Legislative Bulletin

August 10, 2018

OML UPDATE AT-A-GLANCE

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

- The first large-scale cultivator in Ohio has been approved by the state to begin growing marijuana plants in their Eastlake. The cultivator, Buckeye Relief LLC, says they plan to put marijuana in dispensaries by January 2019.
- The Ohio Department of Commerce has accounted that only 13 of the 104 companies applying to make medical marijuana products like brownies and lotions met the minimum state requirements. The State is allowed to give out up to 40 total processor licenses.
- The U.S. Senate has approved \$300 million for Great Lakes restoration programs. The House approved the same amount, despite threats from President Trump to cut funding from the program.

OML ASKS LOCAL LEADERS TO URGE GOVERNOR TO INVEST BUDGET SURPLUS IN MUNICIPALITIES

The Ohio Municipal League is encouraging its members to pass a resolution urging Governor Kasich to invest this year's projected budget surplus in Ohio's local governments. The League also drafted a sample resolution municipalities could pass to make their stance clear, along with a sample letter to send to state leaders. You can find the resolution [HERE](#) and the sample letter [HERE](#).

This week, the governor proposed using the projected surplus of \$147 million to fund an income tax withholding reduction and an additional \$68 million to max out the state's rainy day fund.

The League has asked that local leaders urge the state to invest these dollars in crucial local services. This is an opportunity for municipalities to remind the state of their urgent need to rebuild infrastructure and bolster public safety services to fight the opioid epidemic. Ohio's municipalities should insist the state use these dollars be used to close the gap created through past Local Government Fund raids that resulted in a loss of

\$435 million for municipalities in CY 2015 alone. It is crucial that municipalities be heard and that this revenue be used to strengthen local governments across the state.

OML SENDS LETTER TO LEGISLATORS DETAILING FAILINGS OF THE OHIO BUSINESS GATEWAY

As tax administrators and filers across the state already know, the Ohio Business Gateway (OBG) has been unable to process increased filings and have caused significant delays, not only preventing taxpayers from logging into their accounts and filing their payments, but also causing municipalities to receive less revenue - and, in some instances, preventing them from receiving their monthly distributions on time.

When HB 49, the state's two-year budget bill, was being debated before the legislature, the provision creating the centralized collection of net profit business filing through the state via the OBG was defended by the administrators of the OBG. In his testimony before the House Ways and Means Committee, the State Chief Administration Office Stu Davis said, "We are confident that either the existing or the new system has more than enough capacity to handle the increased volume and transactions." That promise has proven to be false.

Municipalities across the state report not receiving substantial monthly distributions almost a month and a half after they were due. Entire accounting offices have been locked out of their accounts and have been unable to make their tax filings. And these problems not only plague the net profits portion, but withholdings as well.

The League has written a letter detailing these failings and has sent it to members of the Ohio legislature. The present circumstance is unacceptable and must not be allowed to continue. We ask the state to find some kind of resolution so that taxpayers and municipalities alike can stop paying the price for the inadequacy of the Ohio Business Gateway. You can read that letter [HERE](#).

BILLS OF MUNICIPAL INTEREST SIGNED BY THE GOVERNOR

This week, Governor Kasich signed several of the bills the legislature has sent to his desk. The following are the bills with an impact to municipalities:

- **HB 34 - PUBLIC NOTICES.** Sponsored by Rep. Hambley (R - Brunswick) and Rep. Ryan (R - Newark), will modify which notices are required to be sent by certified, ordinary, and electronic mail; allow elected officials to receive public records training before their term begins; and allow a county prosecuting attorney to legally advise a regional airport authority, port authority, or regional planning commission.
- **HB 95 - DISTRACTED DRIVING.** Sponsored by Rep. Hughes (R - Columbus) and Rep. Seitz (R - Cincinnati), will add an enhanced penalty for distracted driving to a moving violation.

- HB 168 - CEMETERY REGISTRATION. Sponsored by Rep. Stein (R - Norwalk), will establish the Cemetery Grant Program to help not-for-profit cemeteries with repairs and maintenance.
- HB 263 - DOGS ON PATIOS. Sponsored by Rep. Lanes (R - Grove City), will allow restaurants to allow dogs in outdoor dining areas.
- HB 312 - POLITICAL SUBDIVISION SPENDING. Sponsored by Rep. Schuring (R - Canton) and Rep. Greenspan (R - Westlake), will regulate the use of credit cards and debit cards by political subdivisions.
- SB 127 - GARBAGE COLLECTION VEHICLES. Sponsored by Sen. LaRose (R - Hudson), will would require drivers to move over or slow down when approaching stationary garbage trucks.
- SB 239 - REGIONAL COUNCILS OF GOVERNMENT. Sponsored by Sen. Dolan (R - Chagrin Falls), will increase transparency for regional councils of government and was amended to also designate three memorial highways.

HOUSE COMMITTEE TO STUDY AUTONOMOUS VEHICLES

The House Transportation and Public Safety Committee will be studying both autonomous and connected vehicles through a series of committee meetings this summer. This announcement builds on a previous seven-month study ending earlier this year, which sought to educate both the committee and the public on how autonomous connected vehicle technology is evolving.

The forthcoming report will include input from industry leaders, policy think tanks and other stakeholders. The Chair and Vice Chair of the Committee, Rep. Green (R - Mt. Orab) and Rep. Reineke (R - Tiffin) are encouraging members of the public to weigh in on how autonomous and connected vehicles impact various areas: manufacturing, the economy, infrastructure and public safety. For more information about this study, please contact Rep. Green's office at rep88@ohiohouse.gov.

REGISTER NOW FOR OML'S FINAL REMAINING SUMMER REGIONAL CONFERENCE

Next Friday, the League will hold its fourth and final 2018 Summer Regional Conference in Findlay. We want to thank all of the municipal officials who have joined us for our three previous regional conferences that were held in Athens, Mason, and Canton, Ohio. The response from League members to our efforts to take a portion of our annual conference to the four corners of the state through the regional conference approach has been very gratifying and we appreciate the continued support.

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 2018 Summer 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.

The final conference in the 2018 regional series will be held August 17th at the Hancock Hotel in Findlay.

Registration information including the conference agenda, can be accessed [HERE](#).

We encourage you to sign up for this remaining conference as soon as possible, as space will be limited. We look forward to seeing you and your entire administrative staff there!

Upcoming Meetings & Events

Regional Summer Conference Series	August 17, 2018	<u>Registration Information</u>
<u>OML/OMAA Webinar</u> Drone Technology, The Essential Guide	September 20, 2018 10:00 a.m. ~ 11:00 a.m.	<u>Registration Information</u>
OML Annual Conference	October 31 ~ November 2	Information Coming Soon
MFOA Annual Conference	October 31 & November 1	Information Coming Soon

Ohio Municipal League

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[Edward Albright, Deputy Director](#)
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