

February 2018

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		<i>January</i>	31 6:30 pm Parks & Rec Board Meeting	1	2 10:30 am Health Care Cost Committee Mtg.	3 9:00 am Special Civil Service Comm.
4	5 6:15 pm Technology Committee 6:45 pm Special Joint Mtg. Council & Commissioners 7:00 pm City Council	6	7	8	9	10
11 7:00 am – 12 Noon Napoleon Firefighters Association  Sunday, February 11th 7 AM - 12 Noon Includes: Sausage, Eggs, Coffee, Juice, Waffles Open House, Pancake Breakfast	12 6:15 pm Electric Comm. BOPA 7:00 pm Water/Sewer Comm 7:00 pm Special Council Mtg. 7:30 pm Municipal Properties E.D. Committee	13	14	15	16	17
18	19 6:00pm Parks&Rec Comm 6:00 pm Tree Commission 7:00 pm City Council	20	21	22	23	24
25	26 6:30 pm Finance & Budget Committee 7:30 pm Safety & Human Resources Committee	27 4:30 pm Civil Service Commission	28 6:30 pm Parks & Rec Board Mtg.			

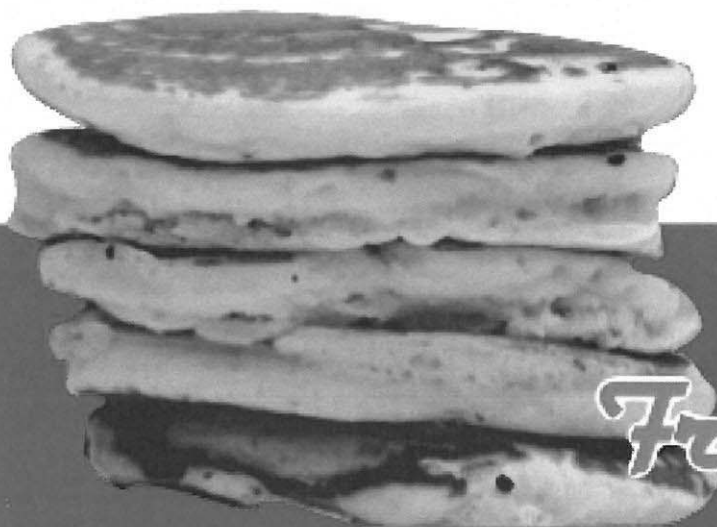
Napoleon Firefighters Association

Pancake Breakfast

Sunday, February 11th
7 AM - 12 Noon

Includes

Sausage, Eggs,
Coffee, Juice,
Water



Free Will Donation

Pancake Breakfast Is Located At: Napoleon Fire & Rescue, 265 West Riverview
Ave, Napoleon, Ohio 43545

City of Napoleon, Ohio

ELECTRIC COMMITTEE

Meeting Agenda

Monday, February 12, 2018 at 6:15 pm

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

- 1) Approval of Minutes: January 8, 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 February 2018: PSCAF – three (3) month averaged factor \$0.01475
JV2 \$0.033197
JV5 \$0.033197
- 3) Discussion/Action: Transmission Operator for Northside Substation.
- 4) Discussion/Action: Power Generation Portfolio Realignment.
- 5) Electric Department Reports.
- 6) Any other matters to come before the Committee.
- 7) Adjournment.



Gregory J. Heath
Finance Director/Clerk of Council

ELECTRIC COMMITTEE

Meeting Minutes

Monday, January 08, 2018 at 6:15 pm

PRESENT

Committee Members
Board of Public Affairs
City Staff

Recorder/Records Clerk

Others

ABSENT

Committee Member

Joseph D. Bialorucki-Acting Chair, Lori Sicclair
Dr. David Cordes-Chair, Mike DeWit
Joel Mazur, City Manager
Greg Heath, Finance Director/Clerk of Council
Roxanne Dietrich
Todd Wachtman, Lisa McAllister-AMP, NW Signal

Travis Sheaffer

Call to Order

Acting Chair Bialorucki called the Electric Committee meeting to order at 6:17 pm.

Approval of Minutes

Hearing no corrections or objections, the minutes of the December 11, 2017 meeting stand approved.

Motion to Accept the BOPA Recommendation to Approve the PSCAF for January 2018

Motion: Sicclair Second: Bialorucki
to accept the recommendation of the Board of Public Affairs to approve the PSCAF for January 2018 as: PSCAF three-month averaged factor \$0.01284, JV2 \$0.029308 and JV5 \$0.029308.

Passed

Yea-2

Nay-0

Roll call vote on the above motion:

Yea-Bialorucki, Sicclair

Nay-

Transmission Operator for Northside Substation

City Manager Mazur stated with us tonight is Lisa McAllister from AMP and also Todd Wachtman from our Electric Department. We have been discussing this for several months on what direction to go, we will begin with an overview of the presentation Todd has put together. As a distribution provider, we are audited every five years and 2017 was our year to be audited. New regulatory categories have put Napoleon as a distribution owner instead of a provider which makes it more stringent to comply with NERC requirements. Options we have are we could sell to First Energy or we could file as a Transmission Owner (TO), it was the recommendation of the board and committee to file as a TO but not until we received information from First Energy on an offer to buy our assets; in the meantime, AMP has put together a proposal. The National Energy Regulatory Commission (NERC) makes the regulations, the Federal Energy Regulatory Commission (FERC) approves, NERC is the enforcer and Reliability First (RF) is the referee of everything. A major reason for the new regulatory standards is after the 2003 blackout in the Midwest, a failure was found in the transmission lines that cascaded and caused everyone to blackout for several hours. Transmission Owners were encouraged to invest money in the upkeep of the transmission lines

**Motion to Approve the
BOPA Recommendation
to Move Forward with
AMP and Inquire of a
Third Party to do an
Assessment**

Motion: Sicliar Second: Bialorucki
to approve the BOPA recommendation to move forward with AMP onto the next step for the Transmission Operator and to inquire a third party to come in and do an assessment.

U:\~ My Files\~ RECORDS CLERK\2018\COMMITTEES and BOARDS\ELECTRIC Committee\01 08 2018\01 08 2018 DRAFT_ElectricCommMtgMinutes.doc
Records Retention: FIN-33 Permanent

RTEC Pole Attachment Agreement

Mazur said the previous agreement with RTEC did not have a pole attachment fee, other utilities that are attached to our poles have to pay a pole attachment fee, RTEC has about 300 pole attachments and we will be negotiating a rate around \$15 per pole, we will actually be recovering a cost we have not been doing for years.

**Motion to Approve the
BOPA Recommendation
Negotiate Pole
Attachment Agreement**

Motion: Siclair Second: Bialorucki
to approve the BOPA recommendation to negotiate a pole attachment agreement
with RTEC.

**Passed
Yea-2
Nay-0**

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

Electric Department Report

Electric Distribution Superintendent Clapp passed out the Electric Department Reports for December 2017, a copy of the reports is attached hereto. Clapp did point out there was not any outages in December.

Other Matters

None.

**Motion to Adjourn
Electric Committee Mtg.**

Motion: Siclair Second: Bialorucki
to adjourn the Electric Committee meeting at 7:53 pm.

Passed
Yea-2
Nay-0

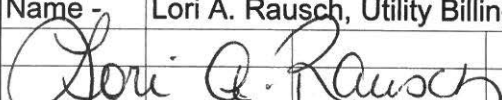
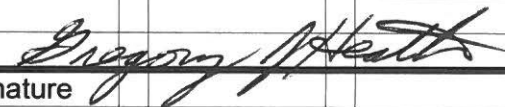
Roll call vote on the above motion:
Yea-Bialorucki, Siclair
Nay-

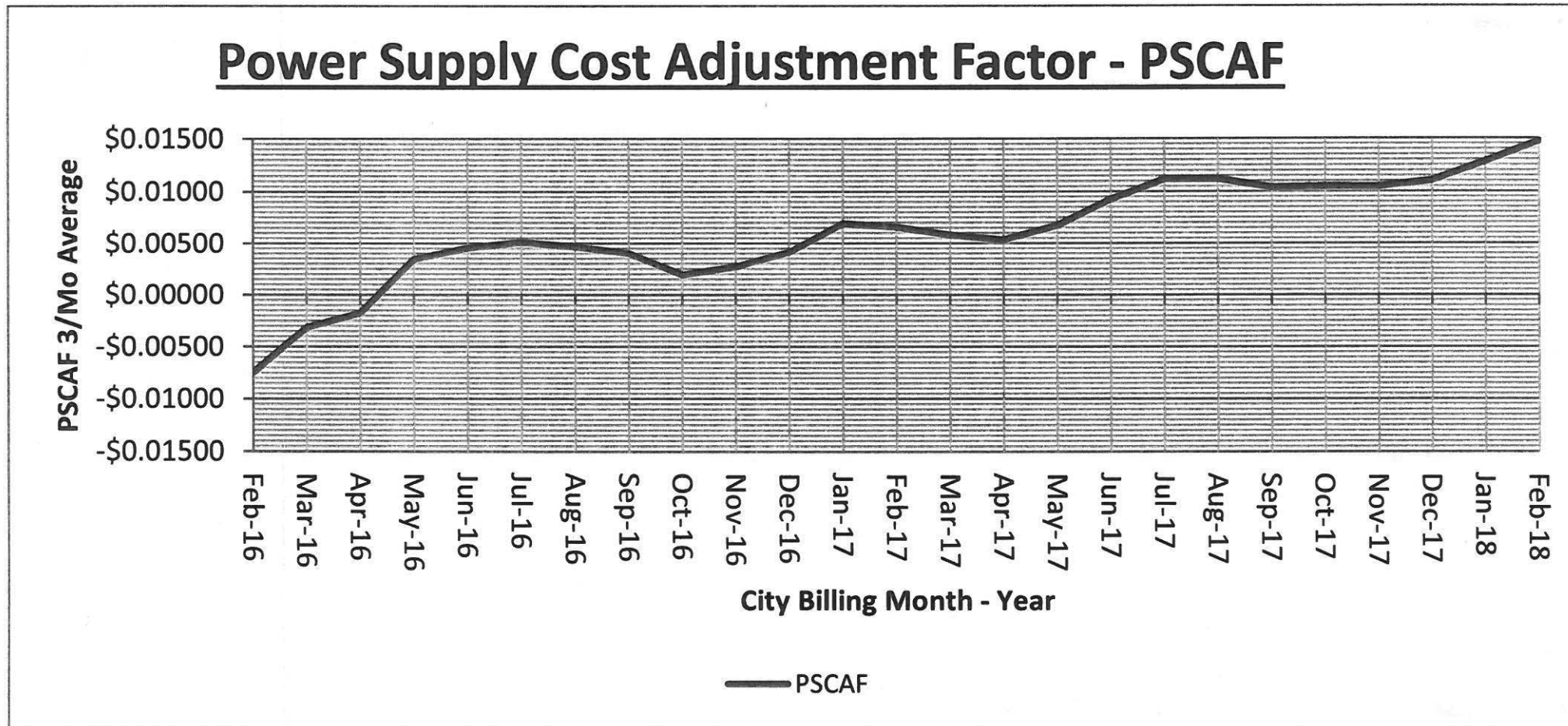
Approved

February 12, 2018

Joseph D. Bialorucki – Acting Chairman

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	PSCAF City Billing Month	AMP - kWh Delivered As Listed on AMP Invoices	Purchased Power Supply Costs (*=Net of Known) (+ OR - Other Cr's)	Rolling 3-Month Totals Current + Prior 2 Months		Rolling 3 Month Average Cost	Less: Fixed Base Power Supply Cost	PSCA Dollar Difference + or (-)	PSCA-Corrted. 3 MONTH AVG.FACTOR + Line Loss	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
		Actual Billed	Actual Billed w/Cr's	c + prior 2 Mo	d + prior 2 Mo	f / e	\$0.07194 Fixed	g + h	i X 1.075	
May '16	July '16	12,603,253	\$ 976,900.73	37,711,275	\$ 2,892,719.62	\$ 0.07671	\$ (0.07194)	\$ 0.00477	\$ 0.00513	
June '16	Aug '16	13,839,770	\$ 1,068,079.71	38,575,998	\$ 2,942,962.19	\$ 0.07629	\$ (0.07194)	\$ 0.00435	\$ 0.00468	
July '16	Sep '16	14,844,510	*\$ 1,080,619.47	41,287,533	\$ 3,125,599.91	\$ 0.07570	\$ (0.07194)	\$ 0.00376	\$ 0.00404	
Aug '16	Oct '16	16,864,052	\$ 1,210,058.88	45,548,332	\$ 3,358,758.06	\$ 0.07374	\$ (0.07194)	\$ 0.00180	\$ 0.00194	
Sep '16	Nov '16	13,547,772	\$ 1,079,259.61	45,256,334	\$ 3,369,937.96	\$ 0.07446	\$ (0.07194)	\$ 0.00252	\$ 0.00271	
Oct '16	Dec '16	12,402,405	\$ 955,761.68	42,814,229	\$ 3,245,080.17	\$ 0.07579	\$ (0.07194)	\$ 0.00385	\$ 0.00414	
Nov '16	Jan '17	12,220,092	\$ 956,580.93	38,170,269	\$ 2,991,602.22	\$ 0.07838	\$ (0.07194)	\$ 0.00644	\$ 0.00692	
Dec '16	Feb '17	13,827,811	\$ 1,089,497.78	38,450,308	\$ 3,001,840.39	\$ 0.07807	\$ (0.07194)	\$ 0.00613	\$ 0.00659	
Jan'17	Mar '17	13,656,702	*\$ 1,025,645.91	39,704,605	\$ 3,071,724.62	\$ 0.07736	\$ (0.07194)	\$ 0.00542	\$ 0.00583	
Feb'17	Apr '17	11,866,614	*\$ 912,320.61	39,351,127	\$ 3,027,464.30	\$ 0.07693	\$ (0.07194)	\$ 0.00499	\$ 0.00536	
Mar'17	May '17	12,936,492	\$ 1,069,577.85	38,459,808	\$ 3,007,544.37	\$ 0.07820	\$ (0.07194)	\$ 0.00626	\$ 0.00673	
Apr'17	June '17	11,497,068	\$ 943,085.70	36,300,174	\$ 2,924,984.16	\$ 0.08058	\$ (0.07194)	\$ 0.00864	\$ 0.00929	
May'17	July '17	12,213,395	\$ 1,006,024.23	36,646,955	\$ 3,018,687.78	\$ 0.08237	\$ (0.07194)	\$ 0.01043	\$ 0.01121	
June'17	Aug '17	13,580,367	\$ 1,096,910.02	37,290,830	\$ 3,046,019.95	\$ 0.08168	\$ (0.07194)	\$ 0.00974	\$ 0.01047	
July'17	Sep '17	14,573,346	\$ 1,192,319.89	40,367,108	\$ 3,295,254.14	\$ 0.08163	\$ (0.07194)	\$ 0.00969	\$ 0.01042	
Aug'17	Oct '17	14,326,956	\$ 1,182,800.05	42,480,669	\$ 3,472,029.96	\$ 0.08173	\$ (0.07194)	\$ 0.00979	\$ 0.01052	
Sept'17	Nov'17	12,915,106	\$ 1,041,374.28	41,815,408	\$ 3,416,494.22	\$ 0.08170	\$ (0.07194)	\$ 0.00976	\$ 0.01049	
Oct'17	Dec'17	12,743,776	*\$ 1,064,421.41	39,985,838	\$ 3,288,595.74	\$ 0.08224	\$ (0.07194)	\$ 0.01030	\$ 0.01107	
Nov'17	Jan'18	12,424,075	\$ 1,088,533.30	38,082,957	\$ 3,194,328.99	\$ 0.08388	\$ (0.07194)	\$ 0.01194	\$ 0.01284	
Dec'17	Feb'18	13,391,143	\$ 1,149,912.68	38,558,994	\$ 3,302,867.39	\$ 0.08566	\$ (0.07194)	\$ 0.01372	\$ 0.01475	
* Other (-) Credits / (+) Debits Included in Purchased Power Costs, Not Listed on AMP Billings:										
PSCAF - Preparers Signature:						PSCAF - Reviewers Signature:				
Name -	Lori A. Rausch, Utility Billing Administrator					Name -	Gregory J. Heath, Finance Director			
			1/19/2018						1/19/2018	
Signature			Date			Signature			Date	



BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - FEBRUARY, 2018

2018 - FEBRUARY BILLING WITH JANUARY 2018 DATA BILLING UNITS

PREVIOUS MONTH'S POWER BILLS - PURCHASED POWER KWH AND COST ALLOCATIONS BY DEMAND & ENERGY:

DATA PERIOD	MONTH / YR	DAYS IN MONTH MUNICIPAL PEAK							
AMP-Ohio Bill Month	DECEMBER, 2017	31	23.507						
City-System Data Month	JANUARY, 2018	31							
City-Monthly Billing Cycle	FEBRUARY, 2018	28							
=====CONTRACTED AND OPEN MARKET POWER=====									
		FREEMONT	PRAIRIE STATE	MORGAN STNLY.	NORTHERN	JV-2	AMP-HYDRO	MELDAHL-HYDRO	GREENUP HYDRO
PURCHASED POWER-RESOURCES ->	AMP CT	ENERGY	SCHED. @ 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) ->	0	5,429,977	3,608,703	2,827,200	7,094	18	1,718,502	249,719	174,654
Delivered kWh (Off Peak) ->					0				
Delivered kWh (Replacement/Losses/Offset) ->									
Delivered kWh/Sale (Credits) ->					-3,758,474				
Net Total Delivered kWh as Billed ->	0	5,429,977	3,608,703	2,827,200	-3,751,380	18	1,718,502	249,719	174,654
Percent % of Total Power Purchased->	0.0000%	40.5490%	26.9484%	21.1125%	-28.0139%	0.0001%	12.8331%	1.8648%	1.3043%
COST OF PURCHASED POWER:									
DEMAND CHARGES (+Debits)									
Demand Charges	\$31,620.00	\$34,749.14	\$56,868.27			\$667.92	\$11,998.14	\$2,131.92	\$2,346.30
Debt Services (Principal & Interest)		\$44,291.71	\$99,228.85				\$212,783.34	\$17,544.24	\$5,646.30
DEMAND CHARGES (-Credits)									
Transmission Charges (Demand-Credits)	-\$31,299.29					-\$881.46			
Capacity Credit	-\$47,201.21	-\$30,251.14	-\$16,863.46			-\$1,409.74	-\$2,878.84	-\$1,872.43	-\$1,072.50
Sub-Total Demand Charges	-\$46,880.50	\$48,789.71	\$139,233.66	\$0.00	\$0.00	-\$1,623.28	\$221,902.64	\$17,803.73	\$6,920.10
ENERGY CHARGES (+Debits):									
Energy Charges - (On Peak)		\$145,919.84	\$43,985.51	\$177,972.24	\$303.41	\$0.44	\$277.01	\$28.73	\$254.22
Energy Charges - (Replacement/Off Peak)					\$0.00				
Net Congestion, Losses, FTR		\$22,597.84	\$17,525.34	\$4,783.54			\$8,669.22	\$675.81	\$389.84
Transmission Charges (Energy-Debits)			\$13,475.26						
ESPP Charges									
Bill Adjustments (General & Rate Levelization)		\$1,936.25	\$29,345.80			\$6.93	\$22,242.88	\$2,844.30	\$4,541.49
ENERGY CHARGES (-Credits or Adjustments):									
Energy Charges - On Peak (Sale or Rate Stabilization)					-\$124,839.45				
Net Congestion, Losses, FTR									
Bill Adjustments (General & Rate Levelization)							-\$3,437.00	-\$499.44	-\$349.31
Sub-Total Energy Charges	\$0.00	\$170,453.93	\$104,331.91	\$182,755.78	-\$124,536.04	\$7.37	\$27,752.11	\$3,049.40	\$4,836.24
TRANSMISSION & SERVICE CHARGES, MISC.:									
RPM / PJM Charges Capacity - (+Debit)									
RPM / PJM Charges Capacity - (-Credit)									
Service Fees AMP-Dispatch Center - (+Debit/-Credit)									
Service Fees AMP-Part A - (+Debit/-Credit)									
Service Fees AMP-Part B - (+Debit/-Credit)									
Other Charges & Bill Adjustments - (+Debit/-Credit)									
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL - ALL COSTS OF PURCHASED POWER	-\$46,880.50	\$219,243.64	\$243,565.57	\$182,755.78	-\$124,536.04	-\$1,615.91	\$249,654.75	\$20,853.13	\$11,756.34
Purchased Power Resources - Cost per kWh->	\$0.000000	\$0.040377	\$0.067494	\$0.064642	-\$0.033197	-\$89.772778	\$0.145275	\$0.083506	\$0.067312

BILLING SUMMARY AND CONS									
2018 - FEBRUARY BILLING WITH JANUARY 201									
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) ->	683,830	2,297,472	57,523	61,384	0	0	0	0	17,116,076
Delivered kWh (Off Peak) ->									0
Delivered kWh (Replacement/Losses/Offset) ->		33,541							33,541
Delivered kWh/Sale (Credits) ->									-3,758,474
Net Total Delivered kWh as Billed ->	683,830	2,331,013	57,523	61,384	0	0	0	0	13,391,143
Percent % of Total Power Purchased->	5.1066%	17.4071%	0.4296%	0.4584%	0.0000%	0.0000%	0.0000%	0.0000%	100.0000%
Verification Total ->									100.0000%
COST OF PURCHASED POWER:									
DEMAND CHARGES (+Debits)									
Demand Charges	\$6,482.83	\$39,094.09	\$1,593.83			\$136,475.56			\$324,028.00
Debt Services (Principal & Interest)		\$55,367.84							\$434,862.28
DEMAND CHARGES (-Credits)									
Transmission Charges (Demand-Credits)		-\$13,183.07	-\$76.50						-\$45,440.32
Capacity Credit	-\$4,310.35	-\$14,428.23	-\$119.33						-\$120,407.23
Sub-Total Demand Charges	\$2,172.48	\$66,850.63	\$1,398.00	\$0.00	\$0.00	\$136,475.56	\$0.00	\$0.00	\$593,042.73
ENERGY CHARGES (+Debits):									
Energy Charges - (On Peak)	\$4,785.49	\$42,326.66		\$5,340.42		\$6,588.15			\$427,782.12
Energy Charges - (Replacement/Off Peak)									\$0.00
Net Congestion, Losses, FTR	-\$4,499.97								\$50,141.62
Transmission Charges (Energy-Debits)									\$13,475.26
ESPP Charges					\$18,154.46				\$18,154.46
Bill Adjustments (General & Rate Levelization)								-\$70,000.00	-\$9,082.35
ENERGY CHARGES (-Credits or Adjustments):									
Energy Charges - On Peak (Sale or Rate Stabilization)									-\$124,839.45
Net Congestion, Losses, FTR									\$0.00
Bill Adjustments (General & Rate Levelization)	-\$252.48								-\$4,538.23
Sub-Total Energy Charges	\$33.04	\$42,326.66	\$0.00	\$5,340.42	\$18,154.46	\$6,588.15	\$0.00	-\$70,000.00	\$371,093.43
TRANSMISSION & SERVICE CHARGES, MISC.:									
RPM / PJM Charges Capacity - (+Debit)						\$175,039.34			\$175,039.34
RPM / PJM Charges Capacity - (-Credit)									\$0.00
Service Fees AMP-Dispatch Center - (+Debit/-Credit)									\$0.00
Service Fees AMP-Part A - (+Debit/-Credit)							\$2,946.27		\$2,946.27
Service Fees AMP-Part B - (+Debit/-Credit)							\$7,790.91		\$7,790.91
Other Charges & Bill Adjustments - (+Debit/-Credit)									\$0.00
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$175,039.34	\$10,737.18	\$0.00	\$185,776.52
TOTAL - ALL COSTS OF PURCHASED POWER	\$2,205.52	\$109,177.29	\$1,398.00	\$5,340.42	\$18,154.46	\$318,103.05	\$10,737.18	-\$70,000.00	\$1,149,912.68
Verification Total ->									\$1,149,912.68
Purchased Power Resources - Cost per kWh->	\$0.003225	\$0.046837	\$0.024303	\$0.087000	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.085871
(Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWh) = JV2 Electric Service Rate ->									\$0.033197
(Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWh) = JV5 Electric Service Rate ->									\$0.033197



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: 201463

INVOICE DATE: 1/15/2018

DUE DATE: 1/30/2018

TOTAL AMOUNT DUE: \$1,010,855.41

CUSTOMER NUMBER: 5020

CUSTOMER P.O. #: RG10046

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

Northern Power Pool Billing - December, 2017

MUNICIPAL PEAK: 23,507 kW
TOTAL METERED ENERGY: 13,432,599 kWh

Total Power Charges:	\$752,015.18
Total Transmission Charges:	\$318,103.05
Total Other Charges:	\$10,737.18
Total Miscellaneous Charges:	-\$70,000.00

GRAND TOTAL POWER INVOICE:	\$1,010,855.41
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DETAIL INFORMATION OF POWER CHARGES December , 2017

Napoleon

FOR THE MONTH OF:

December, 2017

Total Metered Load kWh: 13,432,599
Transmission Losses kWh: -41,456
Distribution Losses kWh: 0
Total Energy Req. kWh: 13,391,143

TIME OF FENTS PEAK: 12/13/2017 @ H.E. 19:00
TIME OF MUNICIPAL PEAK: 12/12/2017 @ H.E. 19:00
TRANSMISSION PEAK: August, 2016

COINCIDENT PEAK kW: 23,326
MUNICIPAL PEAK kW: 23,507
TRANSMISSION PEAK kW: 31,968
PJM Capacity Requirement kW: 30,922

Napoleon Resources

AMP CT - Sched @ ATSI

Demand Charge: \$2.550000 / kW * 12,400 kW = \$31,620.00
Transmission Credit: \$2.524136 / kW * -12,400 kW = -\$31,299.29
Capacity Credit: \$3.806549 / kW * -12,400 kW = -\$47,201.21

Subtotal **#N/A** **/ kWh *** **0 kWh =** **-\$46,880.50**

Fremont - sched @ Fremont

Demand Charge: \$3.963630 / kW * 8,767 kW = \$34,749.14
Energy Charge: \$0.026873 / kWh * 5,429,977 kWh = \$145,919.84
Net Congestion, Losses, FTR: \$0.004162 / kWh * \$22,597.84
Capacity Credit: \$3.450569 / kW * -8,767 kW = -\$30,251.14
Debt Service \$5.052094 / kW 8,767 kW \$44,291.71
Adjustment for prior month: \$1,936.25

Subtotal **\$0.040377** **/ kWh *** **5,429,977 kWh =** **\$219,243.64**

AMP Hydro CSW - Sched @ PJMC

Demand Charge: \$3.430000 / kW * 3,498 kW = \$11,998.14
Energy Charge: \$0.000161 / kWh * 1,718,502 kWh = \$277.01
Net Congestion, Losses, FTR: \$0.005045 / kWh * \$8,669.22
Capacity Credit: \$0.822996 / kW * -3,498 kW = -\$2,878.84
Debt Service \$60.830000 / kW 3,498 kW \$212,783.34
Board Approved Rate Levelization \$22,242.88
REC Credit (Estimate) -\$3,437.00

Subtotal **\$0.145275** **/ kWh *** **1,718,502 kWh =** **\$249,654.75**

Meldahl Hydro - Sched @ Meldahl Bus

Demand Charge: \$4.230000 / kW * 504 kW = \$2,131.92
Energy Charge: \$0.000115 / kWh * 249,719 kWh = \$28.73
Net Congestion, Losses, FTR: \$0.002706 / kWh * \$675.81
Capacity Credit: \$3.715139 / kW * -504 kW = -\$1,872.43
Debt Service \$34.810000 / kW 504 kW \$17,544.24
Board Approved Rate Levelization \$2,844.30
REC Credit (Estimate) -\$499.44

Subtotal **\$0.083506** **/ kWh *** **249,719 kWh =** **\$20,853.13**

JV6 - Sched @ ATSI

Demand Charge: 300 kW
Energy Charge: 57,523 kWh
Transmission Credit: \$0.255000 / kW * -300 kW = -\$76.50
Capacity Credit: \$0.397767 / kW * -300 kW = -\$119.33

Subtotal **-\$0.003404** **/ kWh *** **57,523 kWh =** **-\$195.83**

Greenup Hydro - Sched @ Greenup Bus

Demand Charge: \$7.110000 / kW * 330 kW = \$2,346.30
Energy Charge: \$0.001456 / kWh * 174,654 kWh = \$254.22
Net Congestion, Losses, FTR: \$0.002232 / kWh * \$389.84
Capacity Credit: \$3.250000 / kW * -330 kW = -\$1,072.50
Debt Service \$17.110000 / kW 330 kW \$5,646.30
Board Approved Rate Levelization \$4,541.49
REC Credit (Estimate) -\$349.31

Subtotal **\$0.067312** **/ kWh *** **174,654 kWh =** **\$11,756.34**

Prairie State - Sched @ PJMC

Demand Charge: \$11.428511 / kW * 4,976 kW = \$56,868.27
Energy Charge: \$0.012189 / kWh * 3,608,703 kWh = \$43,985.51
Net Congestion, Losses, FTR: \$0.004856 / kWh * \$17,525.34
Capacity Credit: \$3.388959 / kW * -4,976 kW = -\$16,863.46
Debt Service \$19.941489 / kW 4,976 kW \$99,228.85
Transmission from PSEC to PJM/MISO, including non-Prairie State variable charges/credits \$0.003734 / kWh 3,608,703 kWh \$13,475.26
Board Approved Rate Levelization \$29,345.80

Subtotal **\$0.067494** **/ kWh *** **3,608,703 kWh =** **\$243,565.57**

NYPA - Sched @ NYIS

Demand Charge: \$6.911333 / kW * 938 kW = \$6,482.83
Energy Charge: \$0.006998 / kWh * 683,830 kWh = \$4,785.49
Net Congestion, Losses, FTR: -\$0.006581 / kWh * -\$4,499.97
Capacity Credit: \$4.610000 / kW * -935 kW = -\$4,310.35
Adjustment for prior month: -\$252.48

Subtotal **\$0.003225** **/ kWh *** **683,830 kWh =** **\$2,205.52**

JV5 - 7X24 @ ATSI

Demand Charge: 3,088 kW
Energy Charge: 2,297,472 kWh
Transmission Credit: \$4.269129 / kW * -3,088 kW = -\$13,183.07
Capacity Credit: \$4.672354 / kW * -3,088 kW = -\$14,428.23

Subtotal **-\$0.012018** **/ kWh *** **2,297,472 kWh =** **-\$27,611.30**

JV5 Losses - Sched @ ATSI

Energy Charge: 33,541 kWh

DETAIL INFORMATION OF POWER CHARGES December, 2017

Napoleon

	Subtotal	#N/A	/ kWh *		
JV2 - Sched @ ATSI				33,541 kWh =	\$0.00
Demand Charge:				264 kW	
Energy Charge:	\$0.024976	/ kWh *		18 kWh =	\$0.44
Transmission Credit:	\$3.338864	/ kW *		-264 kW =	-\$881.46
Capacity Credit:	\$5.339924	/ kW *		-264 kW =	-\$1,409.74
Subtotal	-\$130.031594	/ kWh *		18 kWh =	-\$2,290.76
AMP Solar Phase I - Sched @ ATSI					
Demand Charge:				1,040 kW	
Energy Charge:	\$0.087000	/ kWh *		61,384 kWh =	\$5,340.42
Subtotal	\$0.087000	/ kWh *		61,384 kWh =	\$5,340.42
Morgan Stanley 2015-2020 - 7x24 @ AD					
Demand Charge:				3,800 kW	
Energy Charge:	\$0.062950	/ kWh *		2,827,200 kWh =	\$177,972.24
Net Congestion, Losses, FTR:	\$0.001692	/ kWh *			\$4,783.54
Subtotal	\$0.064642	/ kWh *		2,827,200 kWh =	\$182,755.78
Efficiency Smart Power Plant 2017-2020					
ESPP 2017-2020 obligation @ \$1.400 /MWh x 155,609.7 MWh / 12					\$18,154.46
Subtotal		#N/A	/ kWh *	0 kWh =	\$18,154.46
Northern Power Pool:					
On Peak Energy Charge: (M-F HE 08-23 EDT)	\$0.042773	/ kWh *		7,094 kWh =	\$303.41
Sale of Excess Non-Pool Resources to Pool	\$0.033215	/ kWh *		-3,758,473 kWh =	-\$124,839.45
Subtotal	\$0.033197	/ kWh *		-3,751,380 kWh =	-\$124,536.04
Total Demand Charges:					\$359,843.49
Total Energy Charges:					\$392,171.69
Total Power Charges:				13,391,143 kWh	\$752,015.18
TRANSMISSION CHARGES:					
Demand Charge:	\$4.269130	/ kW *		31,968 kW =	\$136,475.56
Energy Charge:	\$0.000594	/ kWh *		11,093,671 kWh =	\$6,588.15
RPM (Capacity) Charges:	\$5.660600	/ kW *		30,922 kW =	\$175,039.34
TOTAL TRANSMISSION CHARGES:	\$0.028674	/ kWh *		11,093,671 kWh =	\$318,103.05
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 *		13,432,599 kWh =	\$7,790.91
TOTAL OTHER CHARGES:					\$10,737.18
MISCELLANEOUS CHARGES:					
Deposit / (Withdraw) from RSF account					-\$70,000.00
TOTAL MISCELLANEOUS CHARGES:					-\$70,000.00
GRAND TOTAL POWER INVOICE:					\$1,010,855.41

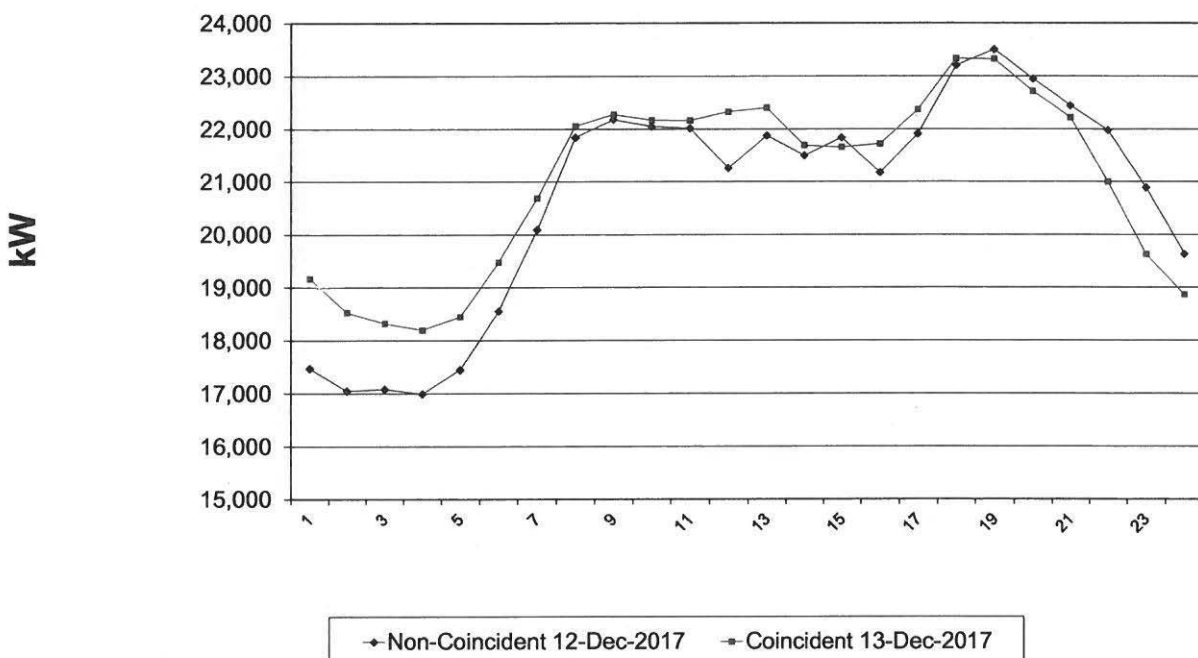
Napoleon		Capacity Plan - Actual																
Dec	2017	ACTUAL DEMAND =		23.51	MW													
Days	31	ACTUAL ENERGY =		13,433	MWH													
	SOURCE	DEMAND	DEMAND	ENERGY	LOAD	DEMAND	ENERGY	CONGESTION/L	CAPACITY	TRANSMISSION	TOTAL	EFFECTIVE	%					
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)					
1	NYP& - Ohio	0.04	0.04	684	68%	\$6.01	\$6.63	-\$0.56	-\$4.60	\$0.00	\$2,206	\$3.23	0.2%					
2	JV5	3.09	3.09	2,207	100%	\$31.49	\$17.22	\$0.00	-\$4.67	-\$4.27	\$109,177	\$47.52	9.0%					
3	JV5 Losses	0.00	0.00	34	0%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0	\$0.00	0.0%					
4	JV6	0.30	0.30	58	26%	\$5.15	\$0.00	\$0.00	-\$0.26	-\$0.40	\$1,350	\$23.46	0.1%					
5	AMP-Hydro	3.50	3.50	1,719	66%	\$70.62	-\$1.84	\$5.04	-\$0.62	\$0.00	\$249,655	\$145.27	20.5%					
6	Meldahl	0.50	0.50	250	67%	\$44.68	-\$1.88	\$2.71	-\$3.72	\$0.00	\$20,853	\$83.51	1.7%					
7	Greenup	0.33	0.33	175	71%	\$37.08	-\$0.54	\$2.23	-\$3.25	\$0.00	\$11,756	\$67.31	1.0%					
8	AFEC	8.77	8.77	5,430	83%	\$9.02	\$27.23	\$4.16	-\$3.45	\$0.00	\$219,244	\$40.36	18.0%					
9	Prairie State	4.98	4.98	3,809	97%	\$37.27	\$15.92	\$4.80	-\$3.39	\$0.00	\$243,506	\$67.49	20.0%					
10	AMP Solar Phase I	1.04	1.04	61	8%	\$0.00	\$87.00	\$0.00	\$0.00	\$0.00	\$5,340	\$87.00	0.4%					
11	Morgan Stanley 2015-20 T&24	3.80	3.80	2,827	100%	\$0.00	\$62.95	\$1.09	\$0.00	\$0.00	\$182,756	\$64.64	15.0%					
12	AMPCT	12.40	12.40	0	0%	\$2.55	\$0.00	\$0.00	-\$3.81	-\$2.52	-\$48,681	\$0.00	-3.9%					
13	JV2	0.28	0.28	0	0%	\$2.55	\$24.97	\$0.00	-\$5.34	-\$5.34	-\$1,616	\$0.00	-0.1%					
14	NPP Pool Purchases	0.00	0.00	7	0%	\$0.00	\$42.77	\$0.00	\$0.00	\$0.00	\$303	\$42.77	0.0%					
15	NPP Pool Sales	0.00	0.00	-3,768	0%	\$0.00	\$33.22	\$0.00	\$0.00	\$0.00	-\$124,839	\$33.22	-10.3%					
	POWER TOTAL	30.61	30.61	13,301	45%	\$684.120	\$304.455	\$3.74	-\$120.364	-\$45.483	\$572,870	\$85.18	71.7%					
16	Energy Efficiency			0		\$0.00	\$0.00				\$16,154	\$0.00	1.5%					
17	Installed Capacity	30.62	30.62			\$5.66					\$175,030	\$13.03	14.4%					
18	Transmission	31.97	31.97	11,094		\$4.27	\$0.69				\$143,004	\$10.65	11.8%					
19	Service Fee B			13,433			\$0.68				\$7,701	\$0.58	0.6%					
20	Dispatch Charge			13,433			\$0.00				\$0	\$0.00	0.0%					
	OTHER TOTAL					\$111,515	\$92,534				\$344,048	\$25.81	28.3%					
GRAND TOTAL PURCHASED				13,301							\$1,216,918	\$80.66	100.0%					
Delivered to members		23.507	23.507	13,433	77%						\$1,216,918	\$80.66	100.0%					
	2017 Forecast	24.44		14,150	78%						\$1,240,568	\$87.67	29.7					
	2016 Actual	24.23		13,673	77%						\$1,146,528	\$82.65	27.5					
	2015 Actual	23.62		13,676	78%						\$939,379	\$68.69	40.9					
											Actual Temp		28.4					

NAPOLEON

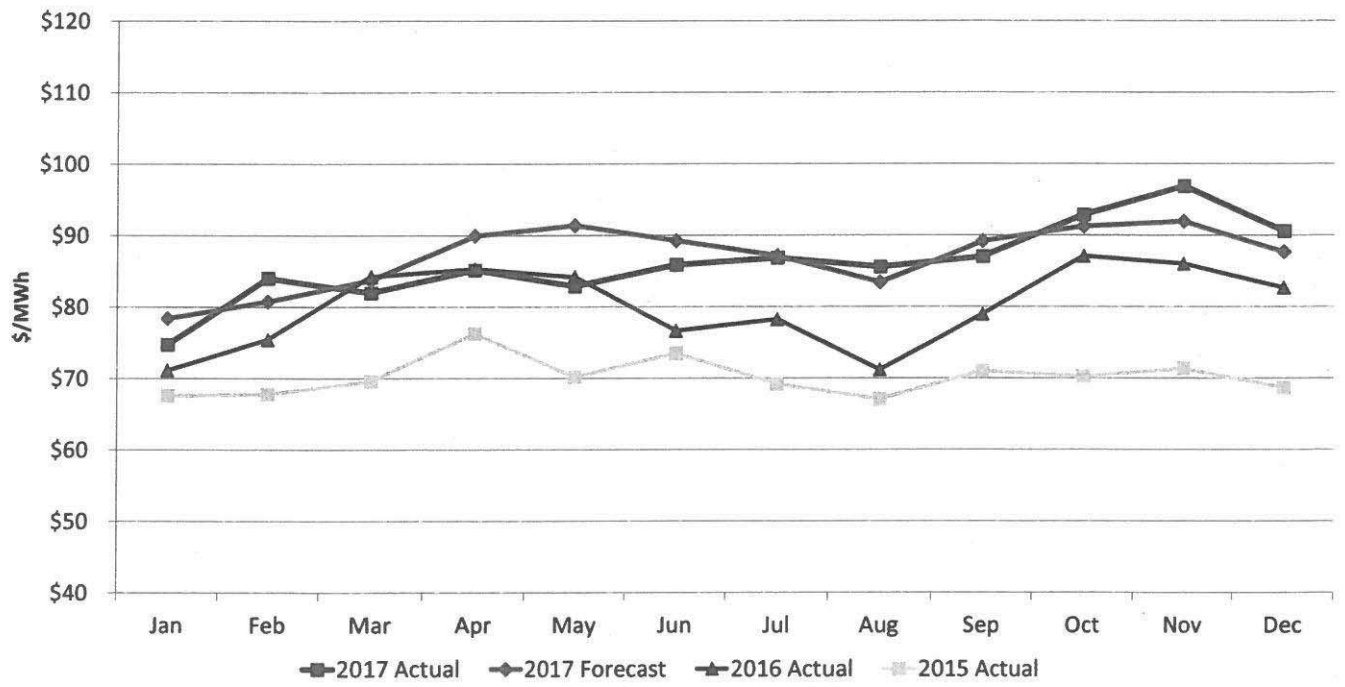
	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
Date	12/1/2017	12/2/2017	12/3/2017	12/4/2017	12/5/2017	12/6/2017	12/7/2017	12/8/2017	12/9/2017	12/10/2017	12/11/2017	12/12/2017	12/13/2017	12/14/2017	12/15/2017
Hour															
100	16,783	15,101	14,133	15,314	15,828	17,759	17,716	18,045	16,251	15,436	16,869	17,474	19,170	18,247	18,792
200	16,205	14,550	13,506	14,983	15,258	17,334	17,332	18,134	16,027	15,054	16,414	17,051	18,527	17,935	18,170
300	16,248	14,470	13,487	14,900	15,241	17,362	17,186	18,002	16,004	14,875	16,173	17,082	18,325	18,004	18,208
400	16,317	14,301	13,424	14,825	15,069	17,259	17,310	17,668	15,519	14,857	16,014	16,993	18,198	17,982	18,138
500	16,554	14,389	13,452	15,386	15,412	17,526	17,915	18,168	15,400	14,804	16,508	17,448	18,449	18,236	18,384
600	17,553	14,820	13,871	16,198	16,281	18,454	18,752	19,016	16,104	15,062	17,711	18,555	19,470	19,060	19,019
700	19,151	15,515	14,190	17,828	17,704	20,162	20,309	20,588	16,446	15,565	19,548	20,095	20,690	20,447	20,410
800	20,491	16,095	14,828	19,757	19,180	21,499	21,757	22,236	17,526	16,198	20,885	21,847	22,055	22,177	21,815
900	20,849	16,514	15,320	19,954	19,566	21,469	21,971	22,704	18,083	16,549	20,900	22,183	22,274	22,477	21,827
1000	20,632	16,888	15,291	19,816	19,373	21,491	21,934	22,285	18,484	16,913	21,088	22,050	22,167	22,315	21,951
1100	20,215	17,271	15,144	19,576	19,736	21,572	21,935	21,883	18,396	17,101	21,234	22,014	22,164	21,936	22,108
1200	19,867	17,273	14,863	19,320	19,845	21,958	22,075	21,258	18,320	17,225	20,861	21,264	22,327	21,843	21,818
1300	19,523	15,644	14,527	19,305	19,785	20,604	22,140	20,905	17,865	16,660	21,111	21,876	22,403	21,619	21,623
1400	18,913	15,062	14,056	19,103	20,412	20,076	21,724	21,007	17,592	16,940	20,801	21,501	21,693	20,965	21,438
1500	18,295	14,602	13,862	18,856	20,075	19,969	21,460	20,129	17,055	16,999	20,487	21,843	21,657	20,431	21,213
1600	17,179	14,247	13,914	18,083	19,890	19,345	21,098	18,676	16,938	16,884	20,066	21,177	21,718	20,468	20,666
1700	17,786	14,930	14,788	18,834	19,738	19,768	21,227	19,603	17,294	17,547	20,521	21,914	22,369	20,855	20,468
1800	18,616	16,363	16,666	20,178	21,599	21,143	22,827	20,925	18,695	19,253	21,680	23,207	23,338	22,414	21,243
1900	19,356	16,909	17,296	20,084	22,152	21,743	22,940	20,978	18,704	19,487	21,876	23,507	23,326	22,609	21,422
2000	19,075	16,474	17,072	19,786	21,582	21,310	22,123	20,457	18,233	19,373	21,472	22,952	23,278	22,327	20,981
2100	18,748	16,390	16,751	19,497	21,304	21,217	21,848	20,481	18,095	18,739	21,173	22,444	22,220	22,264	20,616
2200	18,451	16,170	16,089	18,577	20,559	20,521	21,407	19,985	17,758	17,750	20,272	21,980	21,008	21,832	20,189
2300	17,348	15,555	15,530	17,572	19,481	19,267	20,391	19,124	17,252	16,791	19,922	20,894	19,627	20,528	19,129
2400	16,025	14,924	15,339	16,506	18,338	18,189	19,176	17,320	16,166	16,717	17,956	19,634	18,863	19,367	17,629
Total	440,380	374,598	357,199	434,038	453,414	477,327	494,559	480,795	414,317	402,609	470,600	496,985	504,763	496,168	487,033

	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Date	12/16/2017	12/17/2017	12/18/2017	12/19/2017	12/20/2017	12/21/2017	12/22/2017	12/23/2017	12/24/2017	12/25/2017	12/26/2017	12/27/2017	12/28/2017	12/29/2017	12/30/2017	12/31/2017
Hour																
100	16,362	14,495	16,218	16,808	17,133	17,147	16,065	13,761	13,854	13,994	15,182	16,506	16,099	16,355	15,667	15,927
200	15,720	13,883	15,775	16,259	16,597	16,690	15,554	13,497	13,571	13,529	14,603	16,056	16,513	15,868	15,299	15,432
300	15,375	13,571	15,810	16,095	16,564	16,540	15,258	13,115	13,403	13,414	14,574	15,902	16,195	15,636	14,991	15,321
400	15,208	13,462	15,646	15,977	16,427	16,596	15,131	12,829	13,036	13,667	14,872	16,069	16,144	15,410	14,664	15,072
500	15,386	13,528	15,853	16,197	16,956	17,095	15,313	13,049	13,554	13,554	14,837	16,193	16,544	15,837	14,754	15,278
600	15,755	13,761	16,937	16,880	17,847	17,864	15,823	13,559	13,353	13,946	15,435	16,640	17,080	16,081	15,113	15,487
700	16,180	14,468	16,474	18,229	19,383	19,009	17,033	14,018	13,908	14,286	16,493	18,159	18,301	17,139	15,784	15,918
800	16,952	15,442	20,000	19,675	21,080	20,579	18,265	14,640	14,857	15,228	17,783	20,023	19,670	18,655	16,454	16,593
900	17,217	15,792	20,487	20,293	21,426	21,265	18,741	15,378	15,356	15,781	18,067	20,183	20,257	18,807	16,861	16,751
1000	17,437	16,193	20,463	20,738	21,550	21,717	19,185	15,917	15,417	16,016	18,491	20,904	20,517	19,175	17,184	17,265
1100	18,122	16,073	20,588	20,407	21,153	21,692	19,334	16,041	15,680	15,945	18,506	20,757	20,516	18,969	17,447	17,079
1200	17,725	16,195	20,236	19,951	20,541	21,303	19,207	15,802	15,877	16,131	18,371	20,296	20,082	18,896	17,868	16,754
1300	16,112	16,207	20,566	19,743	19,961	21,258	18,564	15,652	15,853	15,820	18,060	19,817	19,626	18,800	17,642	16,653
1400	15,737	16,297	20,390	19,856	19,885	20,982	18,366	15,710	15,073	17,398	19,162	19,071	18,071	18,756	16,538	16,582
1500	15,282	15,971	19,979	18,938	18,747	20,953	18,164	15,003	15,424	14,455	17,828	18,800	19,641	18,550	16,561	16,187
1600	14,848	15,954	18,329	19,095	19,127	19,944	17,665	13,899	15,482	14,069	16,768	18,537	18,637	18,480	16,301	15,822
1700	15,640	16,540	19,812	19,377	19,577	20,352	17,527	14,255	16,704	14,585	16,780	18,947	19,070	18,259	16,490	16,350
1800	16,952	18,127	20,773	20,614	20,807	21,439	18,198	15,844	16,555	16,318	17,936	20,159	20,263	18,704	17,840	17,825
1900	17,417	18,323	20,859	20,898	21,161	21,687	18,168	16,503	16,679	17,135	19,090	20,491	20,213	18,932	18,638	18,655
2000	17,381	18,443	20,184	20,482	20,665	21,125	17,857	16,461	16,444	17,058	18,843	20,207	19,728	18,629	18,552	18,328
2100	17,334	18,055	20,046	20,243	20,576	21,167	17,455	16,195	16,241	17,253	18,632	19,907	19,650	18,574	18,445	17,834
2200	17,203	17,440	19,376	19,622	19,893	20,213	16,934	15,966	15,990	16,975	18,116	19,187	19,115	18,064	18,067	17,347
2300	16,338	16,570	18,104	18,676	18,861	18,632	15,824	15,502	15,380	16,417	17,410	18,288	18,168	17,312	17,335	16,907
2400	15,161	16,192	17,281	17,784	17,925	17,036	14,545	14,518	14,616	15,605	16,922	17,419	16,975	16,320	16,491	16,405
Total	392,844	364,790	453,176	452,837	463,842	472,285	414,166	356,250	361,446	366,254	410,867	448,618	440,475	426,008	401,004	397,760
											Maximum	23,507	Minimum	12,829	Grand Total	13,432,599

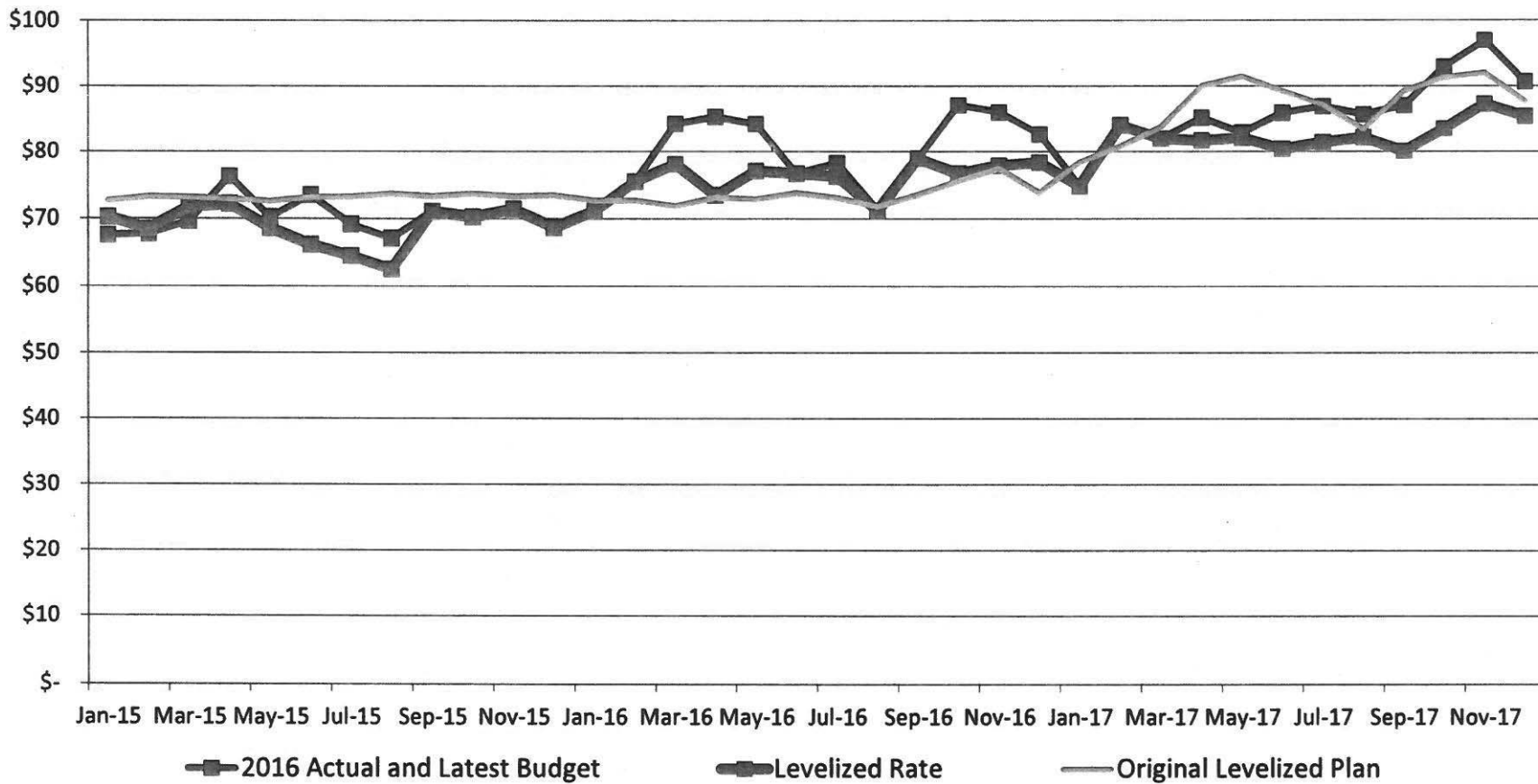
Napoleon Peak Day Load Curve



Napoleon 2017 Monthly Rates



Napoleon Monthly Rate Levelization





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: 201279

INVOICE DATE: 1/5/2018

DUE DATE: 1/15/2018

TOTAL AMOUNT DUE: \$674.85

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 -

December, 2017

FIXED RATE CHARGE:	264 kW *	\$2.53 / kW =	\$667.92
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		=	\$6.93

TOTAL CHARGES

\$674.85

* To avoid a delayed payment charge, please pay invoice within 15 days of invoice date.



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: 201359
INVOICE DATE: 1/2/2018
DUE DATE: 1/12/2018
TOTAL AMOUNT DUE: \$81,420.75
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: December, 2017

DEMAND CHARGES:

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

Base Operating Expense Demand Charge:	\$12.660000	/ kW *	3,088 kW =	\$39,094.09
Seca Associated with JV5.	\$0.000000	/ kW *	3,088 kW =	\$0.00

TOTAL DEMAND CHARGES:	\$12.660003	/ kW *	3,088 kW =	\$39,094.09
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ENERGY CHARGES:

JV5 Repl. Pwr. & Variable (Budgeted Rate):	\$0.018423	/ kWh *	2,297,472 kWh =	\$42,326.66
JV5 Fuel Cost (Actual Expense):	\$0.000000	/ kWh *	2,297,472 kWh =	\$0.00

TOTAL ENERGY CHARGES:	\$0.018423	/ kWh *	2,297,472 kWh =	\$42,326.66
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SUB-TOTAL	\$81,420.75			
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Total OMEGA JV5 Invoice:	\$81,420.75			
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OMEGA JV5
OHIO MUNICIPAL ELECTRIC
GENERATING ASSOCIATION
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: 201401
INVOICE DATE: 1/2/2018
DUE DATE: 1/12/2018
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: January, 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: 201419
INVOICE DATE: 1/4/2018
DUE DATE: 1/16/2018
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 2017Electric Fixed

300 kW * 5.313 per kW-Month

Total

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

TOTAL CHARGES \$1,593.83



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0053993-00-00546-04

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

This statement is for the period from
December 1, 2017 to December 31, 2017

000001703 01 SP 000638767149653 S

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

QUESTIONS?

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

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

Analyst:
CAROLYN KETCHMARK
Phone 651-466-6197



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

This statement is for the period from
December 1, 2017 to December 31, 2017

MARKET VALUE SUMMARY

Current Period
12/01/17 to 12/31/17

Beginning Market Value	\$195,190.79
Distributions	- 120,000.00
Adjusted Market Value	\$75,190.79
Investment Results	
Interest, Dividends and Other Income	245.52
Total Investment Results	\$245.52
Ending Market Value	\$75,436.31





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0053993-00-00546-04 Page 3 of 5

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

This statement is for the period from
December 1, 2017 to December 31, 2017

ASSET DETAIL AS OF 12/31/17

Shares or Face Amount	Security Description	Market Value/ Price	Tax Cost/ Unit Cost	% of Total Yield at Market	Est Ann Inc
Cash Equivalents					
75,436.310	First American Government Oblig Fd CI X #5385 31846V336	75,436.31 1.0000	75,436.31 1.00	100.0 1.19 **	895.33
Total Cash Equivalents		\$75,436.31	\$75,436.31	100.0	\$895.33
Cash					
	Principal Cash	- 5,436.23	- 5,436.23	- 7.2	
	Income Cash	5,436.23	5,436.23	7.2	
Total Cash		\$0.00	\$0.00	0.0	
Total Assets		\$75,436.31	\$75,436.31	100.0	\$895.33

ASSET DETAIL MESSAGES

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

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

For further information, please contact your Analyst.

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



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

This statement is for the period from
December 1, 2017 to December 31, 2017

CASH SUMMARY

	Income Cash	Principal Cash	Total Cash
Beginning Cash Balance as of 12/01/2017	\$5,190.71	- \$5,190.71	\$.00
Taxable Interest	245.52		245.52
Cash Disbursements		- 120,000.00	- 120,000.00
Net Money Market Activity		119,754.48	119,754.48
Ending Cash Balance as of 12/31/2017	\$5,436.23	- \$5,436.23	\$0.00





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

This statement is for the period from
December 1, 2017 to December 31, 2017

TRANSACTION DETAIL

Date Posted	Description	Income Cash	Principal Cash	Tax Cost
	Beginning Balance 12/01/2017	\$5,190.71	- \$5,190.71	\$195,190.79
12/01/17	Interest Earned On First Am Govt Ob Fd Cl X Interest From 11/1/17 To 11/30/17 31846V336	245.52		
12/04/17	Purchased 245.52 Units Of First Am Govt Ob Fd Cl X Trade Date 12/4/17 31846V336		- 245.52	245.52
12/20/17	Cash Disbursement Paid To American Municipal Power Wire Transfer Per Req #12 Dtd 12/18/2017 Wire To American Municipal Power Inc Req Reimb Pymt For Var Exp Napoleon December 2017		- 120,000.00	
12/20/17	Sold 120,000 Units Of First Am Govt Ob Fd Cl X Trade Date 12/20/17 31846V336		120,000.00	- 120,000.00
	Ending Balance 12/31/2017	\$5,436.23	- \$5,436.23	\$75,436.31

2018 FEBRUARY - ELECTRIC PSCAF - BILLING COMPARISONS TO PRIOR PERIODS - As Corrected for PSCAF

Rate Comparisons to Prior Month and Prior Year for Same Period

	Service Usage	Service Units	Current February 2018 Rate	Prior Month January 2018 Rate	Prior Year February 2017 Rate	Service Usage	Service Units	Current February 2018 Rate	Prior Month January 2018 Rate	Prior Year February 2017 Rate
Customer Type										
Customer Type ->	RESIDENTIAL USER - (w/Gas Heat)					RESIDENTIAL USER - (All Electric)				
Customer Charge			\$6.00	\$6.00	\$6.00			\$6.00	\$6.00	\$6.00
Distribution Energy Charge			\$20.93	\$20.93	\$20.93			\$33.39	\$33.39	\$33.39
Distribution Demand Charge										
Power Supply Energy Charge	978	kWh	\$71.20	\$71.20	\$71.20	1,976	kWh	\$143.85	\$143.85	\$143.85
Power Supply Demand Charge										
PSCAF - Monthly Factor	978	kWh	\$14.43	\$12.56	\$6.45	1,976	kWh	\$29.15	\$25.37	\$13.02
kWh Tax- Level 1	978	kWh	\$4.55	\$4.55	\$4.55	1,976	kWh	\$9.19	\$9.19	\$9.19
kWh Tax- Level 2										
kWh Tax- Level 3										
Total Electric			\$117.11	\$115.24	\$109.13			\$221.58	\$217.80	\$205.45
Water	6	CCF	\$50.55	\$46.23	\$46.23	11	CCF	\$83.14	\$75.25	\$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	\$144.62	\$144.62			\$209.53	\$201.64	\$201.64
Total Billing - All Services			\$266.05	\$259.86	\$253.75			\$431.11	\$419.44	\$407.09
Verification Totals->			\$266.05	\$259.86	\$253.75			\$431.11	\$419.44	\$407.09
				<u>Cr.Mo to Pr.Mo</u>	<u>Cr.Yr to Pr.Yr</u>				<u>Cr.Mo to Pr.Mo</u>	<u>Cr.Yr to Pr.Yr</u>
Dollar Chg.to Prior Periods				\$6.19	\$12.30				\$11.67	\$24.02
% Inc/Dec(-) to Prior Periods				2.38%	4.85%				2.78%	5.90%
=====										
Cost/kWh - Electric	978	kWh	\$0.11974	\$0.11783	\$0.11158	1,976	kWh	\$0.11214	\$0.11022	\$0.10397
% Inc/Dec(-) to Prior Periods				1.62%	7.31%				1.74%	7.86%
Cost/CCF - Water	6	CCF	\$8.42500	\$7.70500	\$7.70500	11	CCF	\$7.55818	\$6.84091	\$6.84091
Cost/GALLONS - Water	4,488	GAL	\$0.01126	\$0.01030	\$0.01030	8,229	GAL	\$0.01010	\$0.00914	\$0.00914
% Inc/Dec(-) to Prior Periods				9.34%	9.34%				10.49%	10.49%
Cost/CCF - Sewer	6	CCF	\$11.81500	\$11.81500	\$11.81500	11	CCF	\$8.99000	\$8.99000	\$8.99000
Cost/GALLON - Sewer	4,488	GAL	\$0.01580	\$0.01580	\$0.01580	8,229	GAL	\$0.01202	\$0.01202	\$0.01202
% Inc/Dec(-) to Prior Periods				0.00%	0.00%				0.00%	0.00%
(Listed Accounts Assume SAME USAGE for kWh and Water (CCF) for All Billing Periods)										
(One "1" Unit CCF of Water = "Hundred Cubic Foot" = 748 Gallons)										

2018 FEBRUARY - ELECTRIC

Rate Comparisons to Prior Month and Prior Year

			<u>Current</u>	<u>Prior Month</u>	<u>Prior Year</u>				<u>Current</u>	<u>Prior Month</u>	<u>Prior Year</u>
	<u>Service</u>	<u>Service</u>	<u>February</u>	<u>January</u>	<u>February</u>		<u>Service</u>	<u>Service</u>	<u>February</u>	<u>January</u>	<u>February</u>
<u>Customer Type</u>	<u>Usage</u>	<u>Units</u>	<u>2018 Rate</u>	<u>2018 Rate</u>	<u>2017 Rate</u>		<u>Usage</u>	<u>Units</u>	<u>2018 Rate</u>	<u>2018 Rate</u>	<u>2017 Rate</u>
<u>Customer Type -></u>			<u>COMMERCIAL USER - (3 Phase w/Demand)</u>				<u>INDUSTRIAL USER - (3 Phase w/Demand)</u>				
Customer Charge			\$18.00	\$18.00	\$18.00				\$100.00	\$100.00	\$100.00
Distribution Energy Charge	7,040	kWh	\$38.02	\$38.02	\$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	\$103.84	\$90.39	\$46.39				\$12,136.34	\$10,564.79	\$5,422.27
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			\$906.22	\$892.77	\$848.77				\$80,371.07	\$78,799.52	\$73,657.00
Water	25	CCF	\$170.92	\$153.37	\$153.37	300	CCF		\$1,936.11	\$1,736.81	\$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	\$346.56	\$345.16				\$3,989.80	\$3,790.50	\$3,789.10
Total Billing - All Services			\$1,270.33	\$1,239.33	\$1,193.93				\$84,360.87	\$82,590.02	\$77,446.10
Verification Totals->			\$1,270.33	\$1,239.33	\$1,193.93				\$84,360.87	\$82,590.02	\$77,446.10
				<u>Cr.Mo to Pr.Mo</u>	<u>Cr.Yr to Pr.Yr</u>					<u>Cr.Mo to Pr.Mo</u>	<u>Cr.Yr to Pr.Yr</u>
Dollar Chg.to Prior Periods				\$31.00	\$76.40					\$1,770.85	\$6,914.77
% Inc/Dec(-) to Prior Periods				2.50%	6.40%					2.14%	8.93%
=====			=====	=====	=====				=====	=====	=====
Cost/kWh - Electric	7,040	kWh	\$0.12872	\$0.12681	\$0.12056	866,108	kWh		\$0.09280	\$0.09098	\$0.08504
% Inc/Dec(-) to Prior Periods				1.51%	6.77%					2.00%	9.13%
Cost/CCF - Water	25	CCF	\$6.83680	\$6.13480	\$6.13480	300	CCF		\$6.45370	\$5.78937	\$5.78937
Cost/GALLONS - Water	18,701	GAL	\$0.00914	\$0.00820	\$0.00820	224,415	GAL		\$0.00863	\$0.00774	\$0.00774
% Inc/Dec(-) to Prior Periods				11.44%	11.44%					11.47%	11.47%
Cost/CCF - Sewer	25	CCF	\$7.14760	\$7.14760	\$7.09160	300	CCF		\$5.72897	\$5.72897	\$5.72430
Cost/GALLON - Sewer	18,701	GAL	\$0.00956	\$0.00956	\$0.00948	224,415	GAL		\$0.00766	\$0.00766	\$0.00765
% Inc/Dec(-) to Prior Periods				0.00%	0.79%					0.00%	0.08%
(Listed Accounts Assume SAME USA											
(One "1" Unit CCF of Water = "Hundre											

BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - FEBRUARY, 2018

FEBRUARY, 2018

2018 - FEBRUARY BILLING WITH JANUARY 2018 DATA BILLING UNITS

Class and/or Schedule	Rate Code	Jan-18 # of Bills	Jan-18 (kWh Usage)	Jan-18 Billed	Billed kVA of Demand	Cost / kWh For Month	Cost / kWh Prior 12 Mo Average	Feb-17 # of Bills	Feb-17 (kWh Usage)	Feb-17 Billed	Cost / kWh For Month	Mar-17 # of Bills	Mar-17 (kWh Usage)	Mar-17 Billed	Cost / kWh For Month
Residential (Dom-In)	E1	3,335	2,010,836	\$244,589.76	0	\$0.1216	\$0.1189	3,324	2,525,869	\$303,196.39	\$0.1200	3,332	2,252,555	\$276,197.70	\$0.1226
Residential (Dom-In) w/Ecosmart	E1E	9	4,807	\$590.89	0	\$0.1229	\$0.1209	9	4,875	\$600.71	\$0.1232	9	4,307	\$543.89	\$0.1263
Residential (Dom-In - All Electric)	E2	604	564,281	\$66,628.60	0	\$0.1181	\$0.1171	605	798,681	\$93,166.10	\$0.1166	605	698,429	\$83,055.76	\$0.1189
Res. (Dom-In - All Elec.) w/Ecosmart	E2E	1	418	\$52.69	0	\$0.1261	\$0.1206	1	574	\$70.37	\$0.1226	1	515	\$64.57	\$0.1254
Total Residential (Domestic)		3,949	2,580,342	\$311,861.94	0	\$0.1209	\$0.1185	3,939	3,329,999	\$397,033.57	\$0.1192	3,947	2,955,806	\$359,861.92	\$0.1217
Residential (Rural-Out)	ER1	773	765,076	\$96,763.07	0	\$0.1265	\$0.1246	762	942,656	\$117,717.54	\$0.1249	763	843,115	\$107,464.06	\$0.1275
Residential (Rural-Out) w/Ecosmart	ER1E	4	3,295	\$423.51	0	\$0.1285	\$0.1291	4	3,854	\$490.49	\$0.1273	4	2,660	\$355.22	\$0.1335
Residential (Rural-Out - All Electric)	ER2	376	472,990	\$58,795.22	0	\$0.1243	\$0.1230	380	612,505	\$75,327.02	\$0.1230	379	540,436	\$67,765.59	\$0.1254
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2	2,390	\$298.17	0	\$0.1248	\$0.1238	2	3,072	\$378.97	\$0.1234	2	2,758	\$346.68	\$0.1257
Residential (Rural-Out w/Dmd)	ER3	16	139,280	\$16,276.44	643	\$0.1169	\$0.1192	16	40,277	\$4,856.65	\$0.1206	16	27,444	\$3,406.48	\$0.1241
Residential (Rural-Out - All Electric w/Dm	ER4	9	29,151	\$3,474.71	206	\$0.1192	\$0.1224	9	12,658	\$1,568.71	\$0.1239	9	10,770	\$1,365.56	\$0.1268
Total Residential (Rural)		1,180	1,412,182	\$176,031.12	849	\$0.1247	\$0.1238	1,173	1,615,022	\$200,339.38	\$0.1240	1,173	1,427,183	\$180,703.59	\$0.1266
Commercial (1 Ph-In - No Dmd)	EC2	72	33,842	\$5,248.60	13	\$0.1551	\$0.1475	74	53,225	\$7,800.15	\$0.1466	74	53,347	\$7,901.22	\$0.1481
Commercial (1 Ph-Out - No Dmd)	EC2O	48	11,116	\$2,015.82	0	\$0.1813	\$0.1939	45	11,063	\$1,978.58	\$0.1788	45	9,606	\$1,804.54	\$0.1879
Total Commercial (1 Ph) No Dmd		120	44,958	\$7,264.42	13	\$0.1616	\$0.1549	119	64,288	\$9,778.73	\$0.1521	119	62,953	\$9,705.76	\$0.1542
Commercial (1 Ph-In - w/Demand)	EC1	261	284,512	\$42,357.67	1649	\$0.1489	\$0.1456	255	325,967	\$47,313.63	\$0.1451	256	321,809	\$47,358.58	\$0.1472
Commercial (1 Ph-Out - w/Demand)	EC1O	25	43,761	\$5,916.71	164	\$0.1352	\$0.1386	25	33,753	\$4,888.09	\$0.1448	26	32,531	\$4,737.46	\$0.1456
Total Commercial (1 Ph) w/Demand		286	328,273	\$48,274.38	1,813	\$0.1471	\$0.1449	280	359,720	\$52,201.72	\$0.1451	282	354,340	\$52,096.04	\$0.1470
Commercial (3 Ph-Out - No Dmd)	EC4O	2	17,480	\$2,292.64	77	\$0.1312	\$0.1441	2	10,480	\$1,394.50	\$0.1331	2	320	\$78.10	\$0.2441
Total Commercial (3 Ph) No Dmd		2	17,480	\$2,292.64	77	\$0.1312	\$0.1441	2	10,480	\$1,394.50	\$0.1331	2	320	\$78.10	\$0.2441
Commercial (3 Ph-In - w/Demand)	EC3	204	1,281,988	\$166,754.24	4647	\$0.1301	\$0.1275	200	1,304,571	\$169,704.62	\$0.1301	203	1,403,998	\$182,636.69	\$0.1301
Commercial (3 Ph-Out - w/Demand)	EC3O	37	498,587	\$62,293.93	1726	\$0.1249	\$0.1282	38	346,995	\$44,259.83	\$0.1276	38	343,866	\$44,728.25	\$0.1301
Commercial (3 Ph-Out - w/Dmd & Sub-St.	E3SO	3	124,400	\$14,870.27	400	\$0.1195	\$0.1195	3	129,120	\$15,765.96	\$0.1221	3	122,800	\$15,112.45	\$0.1231
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	1,880	\$317.02	22	\$0.1686	\$0.1383	1	2,000	\$262.01	\$0.1310	1	2,120	\$279.19	\$0.1317
Total Commercial (3 Ph) w/Demand		245	1,906,855	\$244,235.46	6,795	\$0.1281	\$0.1271	242	1,782,686	\$229,992.42	\$0.1290	245	1,872,784	\$242,756.58	\$0.1296
Large Power (In - w/Dmd & Rct)	EL1	20	2,006,153	\$213,358.86	6142	\$0.1064	\$0.1037	20	1,899,404	\$201,301.03	\$0.1060	20	2,001,747	\$209,227.25	\$0.1045
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	927,688	\$88,035.71	1754	\$0.0949	\$0.0954	3	865,077	\$87,292.90	\$0.1009	3	944,738	\$93,494.69	\$0.0990
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	480,000	\$48,097.78	995	\$0.1002	\$0.1010	1	334,800	\$37,097.96	\$0.1108	1	418,800	\$42,960.40	\$0.1026
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	85,831	\$8,470.21	171	\$0.0987	\$0.1428	2	56,176	\$8,110.51	\$0.1444	2	88,446	\$9,975.60	\$0.1128
Total Large Power		26	3,499,672	\$357,962.56	9,062	\$0.1023	\$0.1019	26	3,155,457	\$333,802.40	\$0.1058	26	3,453,731	\$355,657.94	\$0.1030
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,008,863	\$93,691.01	1950	\$0.0929	\$0.0893	1	847,132	\$84,562.83	\$0.0998	1	1,057,395	\$101,258.49	\$0.0958
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	580,356	\$61,860.44	1563	\$0.1066	\$0.0908	1	890,615	\$83,601.93	\$0.0939	1	885,784	\$82,030.37	\$0.0926
Total Industrial		2	1,589,219	\$155,551.45	3,513	\$0.0979	\$0.0900	2	1,737,747	\$168,164.76	\$0.0968	2	1,943,179	\$183,288.86	\$0.0943
Interdepartmental (In - No Dmd)	ED1	9	47,039	\$5,798.00	133	\$0.1233	\$0.1211	7	61,380	\$7,090.99	\$0.1155	7	53,690	\$6,335.78	\$0.1180
Interdepartmental (Out - w/Dmd)	ED2O	2	275	\$59.76	0	\$0.2173	\$0.1995	2	182	\$47.81	\$0.2627	2	181	\$47.96	\$0.2650
Interdepartmental (In - w/Dmd)	ED2	32	59,195	\$8,039.29	0	\$0.1358	\$0.1359	28	73,905	\$9,923.10	\$0.1343	26	63,564	\$8,662.49	\$0.1363
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	232,067	\$29,509.11	896	\$0.1272	\$0.1189	11	298,915	\$35,486.14	\$0.1187	11	268,425	\$32,187.48	\$0.1199
Interdepartmental (Street Lights)	EDSL	7	63,071	\$5,874.10	0	\$0.0931	\$0.0930	7	62,879	\$5,851.54	\$0.0931	7	62,879	\$5,844.53	\$0.0929
Interdepartmental (Traffic Signals)	EDTS	9	1,768	\$163.49	0	\$0.0925	\$0.0925	9	1,852	\$171.22	\$0.0925	9	1,807	\$167.06	\$0.0925
Generators (JV2 Power Cost Only)	GJV2	1	24,724	\$724.66	59	\$0.0293	\$0.0000	1	28,385	\$1,914.57	\$0.0675	1	27,990	\$2,925.23	\$0.1045
Generators (JV5 Power Cost Only)	GJV5	1	14,021	\$410.96	28	\$0.0293	\$0.0000	1	16,122	\$1,087.43	\$0.0675	1	15,457	\$1,615.41	\$0.1045
Total Interdepartmental		72	442,160	\$50,579.37	1,116	\$0.1144	\$0.1090	66	543,620	\$61,572.80	\$0.1133	64	493,993	\$57,785.94	\$0.1170
SUB-TOTAL CONSUMPTION & DEMAND		5,882	11,821,141	\$1,354,053.34	23,238	\$0.1145	\$0.1115	5,849	12,599,019	\$1,454,280.28	\$0.1154	5,860	12,564,289	\$1,441,934.73	\$0.1148
Street Lights (In)	SLO	13	0	\$13.28	0	\$0.0000	\$0.0000	15	0	\$13.58	\$0.0000	14	0	\$13.44	\$0.0000
Street Lights (Out)	SLOO	2	0	\$1.92	0	\$0.0000	\$0.0000	2	0	\$1.91	\$0.0000	2	0	\$1.92	\$0.0000
Total Street Light Only		15	0	\$15.20	0	\$0.0000	\$0.0000	17	0	\$15.49	\$0.0000	16	0	\$15.36	\$0.0000
TOTAL CONSUMPTION & DEMAND		5,897	11,821,141	\$1,354,068.54	23,238	\$0.1145	\$0.1115	5,866	12,599,019	\$1,454,295.77	\$0.1154	5,876	12,564,289	\$1,441,950.09	\$0.1148

BILLING SUMMARY AND COA

FEBRUARY, 2018

2018 - FEBRUARY BILLING WITH JANUARY 2017

BILLING DETERMINANTS

DETERMINANTS

Class and/or Schedule	Rate Code	Apr-17 # of Bills	Apr-17 (kWh Usage)	Apr-17 Billed	Cost / kWh For Month	May-17 # of Bills	May-17 (kWh Usage)	May-17 Billed	Cost / kWh For Month	Jun-17 # of Bills	Jun-17 (kWh Usage)	Jun-17 Billed	Cost / kWh For Month	Jul-17 # of Bills	Jul-17 (kWh Usage)	Jul-17 Billed	Cost / kWh For Month
Residential (Dom-In)	E1	3,336	1,787,054	\$206,305.02	\$0.1154	3,326	1,930,645	\$223,878.51	\$0.1160	3,328	1,527,015	\$185,180.06	\$0.1213	3,328	1,980,449	\$238,020.38	\$0.1202
Residential (Dom-In) w/Ecosmart	E1E	9	3,670	\$436.45	\$0.1189	9	3,944	\$470.40	\$0.1193	9	3,267	\$407.28	\$0.1247	9	4,572	\$557.24	\$0.1219
Residential (Dom-In - All Electric)	E2	608	521,473	\$57,972.50	\$0.1112	603	527,673	\$59,328.08	\$0.1124	603	342,122	\$40,611.96	\$0.1187	603	359,740	\$43,212.04	\$0.1201
Res (Dom-In - All Elec.) w/Ecosmart	E2E	1	408	\$48.52	\$0.1189	1	403	\$48.54	\$0.1204	1	474	\$57.25	\$0.1208	1	527	\$64.01	\$0.1215
Total Residential (Domestic)		3,954	2,312,605	\$264,762.49	\$0.1145	3,939	2,462,665	\$283,725.53	\$0.1152	3,941	1,872,878	\$226,256.55	\$0.1208	3,941	2,345,288	\$281,853.67	\$0.1202
Residential (Rural-Out)	ER1	762	671,645	\$80,711.49	\$0.1202	762	691,521	\$83,875.65	\$0.1213	768	570,646	\$72,077.49	\$0.1263	775	682,505	\$86,077.05	\$0.1261
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,449	\$306.73	\$0.1252	4	2,393	\$303.91	\$0.1270	4	2,168	\$284.64	\$0.1313	4	2,644	\$343.42	\$0.1299
Residential (Rural-Out - All Electric)	ER2	380	433,094	\$50,945.44	\$0.1176	379	437,214	\$51,998.43	\$0.1189	380	336,298	\$41,751.02	\$0.1241	377	369,700	\$46,197.65	\$0.1250
Res (Rural-Out - All Electric) w/Ecosmart	ER2E	2	2,181	\$257.53	\$0.1181	2	2,208	\$263.50	\$0.1193	2	1,599	\$200.43	\$0.1253	2	1,738	\$219.44	\$0.1263
Residential (Rural-Out w/Dmd)	ER3	16	27,151	\$3,112.43	\$0.1146	16	17,568	\$2,095.89	\$0.1193	16	20,548	\$2,476.25	\$0.1205	16	18,799	\$2,316.15	\$0.1232
Residential (Rural-Out - All Electric w/Dmd)	ER4	9	8,891	\$1,058.33	\$0.1190	9	7,954	\$967.16	\$0.1216	9	7,079	\$888.79	\$0.1256	9	6,901	\$881.97	\$0.1278
Total Residential (Rural)		1,173	1,145,411	\$136,391.95	\$0.1191	1,172	1,158,858	\$139,504.54	\$0.1204	1,179	938,338	\$117,678.62	\$0.1254	1,183	1,082,287	\$136,035.68	\$0.1257
Commercial (1 Ph-In - No Dmd)	EC2	75	44,744	\$6,356.34	\$0.1421	75	49,612	\$7,017.27	\$0.1414	75	43,400	\$6,362.85	\$0.1466	76	51,306	\$7,466.00	\$0.1455
Commercial (1 Ph-Out - No Dmd)	EC2O	45	8,224	\$1,544.36	\$0.1878	45	7,962	\$1,523.23	\$0.1913	45	6,560	\$1,367.13	\$0.2084	45	7,585	\$1,510.65	\$0.1992
Total Commercial (1 Ph) No Dmd		120	52,968	\$7,900.70	\$0.1492	120	57,574	\$8,540.50	\$0.1483	120	49,960	\$7,729.98	\$0.1547	121	58,891	\$8,976.65	\$0.1524
Commercial (1 Ph-In - w/Demand)	EC1	257	277,332	\$39,713.45	\$0.1432	256	304,663	\$43,027.24	\$0.1412	256	268,763	\$40,193.38	\$0.1495	257	292,211	\$43,735.16	\$0.1497
Commercial (1 Ph-Out - w/Demand)	EC1O	26	29,327	\$4,037.97	\$0.1377	26	32,998	\$4,512.13	\$0.1367	26	27,175	\$3,967.06	\$0.1460	26	27,624	\$4,113.22	\$0.1489
Total Commercial (1 Ph) w/Demand		283	306,659	\$43,751.42	\$0.1427	282	337,661	\$47,539.37	\$0.1408	282	295,938	\$44,160.44	\$0.1492	283	319,835	\$47,848.38	\$0.1496
Commercial (3 Ph-Out - No Dmd)	EC4O	2	160	\$55.52	\$0.3470	2	200	\$60.68	\$0.3034	2	40	\$41.04	\$0.10260	2	40	\$41.12	\$0.10280
Total Commercial (3 Ph) No Dmd		2	160	\$55.52	\$0.3470	2	200	\$60.68	\$0.3034	2	40	\$41.04	\$0.10260	2	40	\$41.12	\$0.10280
Commercial (3 Ph-In - w/Demand)	EC3	202	1,289,727	\$157,879.99	\$0.1224	202	1,223,048	\$153,154.36	\$0.1252	202	1,271,587	\$161,852.65	\$0.1273	202	1,350,746	\$174,664.25	\$0.1293
Commercial (3 Ph-Out - w/Demand)	EC3O	38	302,041	\$37,066.58	\$0.1227	38	289,144	\$36,150.35	\$0.1250	38	257,890	\$33,508.33	\$0.1299	38	260,438	\$34,815.03	\$0.1337
Commercial (3 Ph-Out - w/Dmd & Sub-St.)	E3SO	3	115,480	\$13,160.31	\$0.1140	3	116,920	\$13,644.18	\$0.1167	3	103,680	\$12,477.42	\$0.1203	3	108,920	\$13,286.48	\$0.1220
Commercial (3 Ph-In - w/Demand, No Ta)	EC3T	1	2,000	\$243.21	\$0.1216	1	1,760	\$221.06	\$0.1256	1	1,840	\$233.64	\$0.1270	1	1,600	\$210.68	\$0.1317
Total Commercial (3 Ph) w/Demand		244	1,709,248	\$208,350.09	\$0.1219	244	1,630,872	\$203,169.95	\$0.1246	244	1,634,997	\$208,072.04	\$0.1273	244	1,721,704	\$222,976.44	\$0.1295
Large Power (In - w/Dmd & Rct)	EL1	20	1,940,943	\$198,976.27	\$0.1025	20	2,099,798	\$212,872.23	\$0.1014	20	2,037,358	\$213,321.76	\$0.1047	20	2,242,947	\$235,908.53	\$0.1052
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	850,735	\$82,907.22	\$0.0975	3	1,057,187	\$97,245.54	\$0.0920	3	1,065,741	\$100,329.11	\$0.0941	3	1,149,393	\$108,730.64	\$0.0946
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	396,000	\$37,297.21	\$0.0942	1	430,800	\$41,237.24	\$0.0957	1	368,400	\$39,487.89	\$0.1072	1	390,000	\$42,155.92	\$0.1081
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	74,895	\$6,902.43	\$0.0922	2	75,639	\$6,907.09	\$0.0913	2	75,664	\$7,986.26	\$0.1055	2	78,979	\$16,650.41	\$0.2108
Total Large Power		26	3,262,573	\$326,083.13	\$0.0999	26	3,663,424	\$358,262.10	\$0.0978	26	3,547,163	\$361,125.02	\$0.1018	26	3,861,319	\$403,445.50	\$0.1045
Industrial (In - w/Dmd & Rct, w/SbCr)	E1I	1	971,093	\$85,014.91	\$0.0875	1	1,029,587	\$88,714.06	\$0.0862	1	1,071,317	\$92,026.12	\$0.0859	1	1,113,076	\$98,777.47	\$0.0887
Industrial (In - w/Dmd & Rct, No/SbCr)	E1I2	1	721,823	\$64,225.48	\$0.0890	1	1,020,333	\$82,946.17	\$0.0813	1	1,050,109	\$87,223.59	\$0.0831	1	853,048	\$76,890.72	\$0.0901
Total Industrial		2	1,692,916	\$149,240.39	\$0.0882	2	2,049,920	\$171,660.23	\$0.0837	2	2,121,426	\$179,249.71	\$0.0845	2	1,966,124	\$175,668.19	\$0.0893
Interdepartmental (In - No Dmd)	ED1	7	41,616	\$4,731.78	\$0.1137	8	40,216	\$4,597.85	\$0.1143	8	28,258	\$3,502.62	\$0.1240	8	45,844	\$5,614.36	\$0.1225
Interdepartmental (Out - w/Dmd)	ED2O	2	189	\$47.21	\$0.2498	2	457	\$80.53	\$0.1762	2	364	\$69.99	\$0.1923	2	395	\$74.66	\$0.1890
Interdepartmental (In - w/Dmd)	ED2	26	53,381	\$6,816.66	\$0.1277	26	37,834	\$4,978.74	\$0.1316	26	24,344	\$3,380.02	\$0.1388	30	23,479	\$3,364.78	\$0.1433
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	219,570	\$24,221.35	\$0.1103	11	249,137	\$28,194.01	\$0.1132	11	198,736	\$23,854.96	\$0.1200	11	196,172	\$23,322.47	\$0.1189
Interdepartmental (Street Lights)	EDSL	7	62,879	\$5,851.60	\$0.0931	7	62,879	\$5,850.15	\$0.0930	7	62,879	\$5,830.15	\$0.0927	7	62,879	\$5,850.15	\$0.0930
Interdepartmental (Traffic Signals)	EDTS	9	1,584	\$146.45	\$0.0925	9	1,705	\$157.65	\$0.0925	9	1,543	\$142.67	\$0.0925	9	1,679	\$155.24	\$0.0925
Generators (JV2 Power Cost Only)	GJV2	1	24,961	\$282.56	\$0.0113	1	22,451	\$710.35	\$0.0316	1	19,326	\$570.31	\$0.0295	1	18,698	\$412.29	\$0.0220
Generators (JV5 Power Cost Only)	GJV5	1	13,985	\$158.31	\$0.0113	1	13,779	\$435.97	\$0.0316	1	12,735	\$375.81	\$0.0295	1	12,861	\$283.59	\$0.0221
Total Interdepartmental		64	418,165	\$42,255.92	\$0.1011	65	428,458	\$45,005.25	\$0.1050	65	348,185	\$37,726.53	\$0.1084	69	362,007	\$37,685.78	\$0.1041
SUB-TOTAL CONSUMPTION & DEMAND		5,868	10,900,705	\$1,178,791.61	\$0.1081	5,852	11,789,632	\$1,257,468.15	\$0.1067	5,861	10,808,925	\$1,182,039.93	\$0.1094	5,871	11,717,495	\$1,314,531.41	\$0.1122
Street Lights (In)	SLO	14	0	\$13.44	\$0.0000	14	0	\$13.43	\$0.0000	14	0	\$13.44	\$0.0000	14	0	\$13.44	\$0.0000
Street Lights (Out)	SLOO	2	0	\$1.92	\$0.0000	2	0	\$1.91	\$0.0000	2	0	\$1.91	\$0.0000	2	0	\$1.92	\$0.0000
Total Street Light Only		16	0	\$15.36	\$0.0000	16	0	\$15.34	\$0.0000	16	0	\$15.35	\$0.0000	16	0	\$15.36	\$0.0000
TOTAL CONSUMPTION & DEMAND		5,884	10,900,705	\$1,178,806.97	\$0.1081	5,868	11,789,632	\$1,257,483.49	\$0.1067	5,877	10,808,925	\$1,182,055.28	\$0.1094	5,887	11,717,495	\$1,314,546.77	\$0.1122

BILLING SUMMARY AND COA

FEBRUARY, 2018

2018 - FEBRUARY BILLING WITH JANUARY 2017

Class and/or Schedule	Rate Code	Aug-17		Aug-17 Billed	Cost / kWh For Month	Sep-17		Sep-17 Billed	Cost / kWh For Month	Oct-17		Oct-17 Billed	Cost / kWh For Month	Nov-17		Nov-17 Billed	Cost / kWh For Month	Dec-17 Billed
		# of Bills	(kWh Usage)			# of Bills	(kWh Usage)			# of Bills	(kWh Usage)			# of Bills	(kWh Usage)			
Residential (Dom-In)	E1	3,345	2,690,705	\$314,306.27	\$0.1168	3,342	2,976,085	\$345,350.78	\$0.1160	3,332	2,223,727	\$263,326.85	\$0.1184	3,342	2,183,770	\$258,960.04	\$0.1186	3,343
Residential (Dom-In) w/Ecosmart	E1E	9	6,295	\$742.17	\$0.1179	9	6,913	\$809.37	\$0.1171	9	5,030	\$604.13	\$0.1201	9	5,189	\$621.37	\$0.1197	9
Residential (Dom-In - All Electric)	E2	600	430,173	\$50,625.88	\$0.1177	608	462,086	\$54,138.22	\$0.1172	601	358,277	\$42,791.55	\$0.1194	607	359,718	\$42,973.88	\$0.1195	600
Res. (Dom-In - All Elec.) w/Ecosmart	E2E	1	624	\$74.21	\$0.1189	1	913	\$105.77	\$0.1158	1	601	\$71.72	\$0.1193	1	498	\$60.45	\$0.1214	1
Total Residential (Domestic)		3,955	3,127,797	\$365,748.53	\$0.1169	3,960	3,445,997	\$400,404.14	\$0.1162	3,943	2,587,635	\$306,794.25	\$0.1186	3,959	2,549,175	\$302,615.74	\$0.1187	3,953
Residential (Rural-Out)	ER1	776	809,279	\$98,658.70	\$0.1219	776	867,199	\$106,585.60	\$0.1229	777	664,288	\$83,537.14	\$0.1258	782	671,146	\$84,360.08	\$0.1257	780
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,850	\$364.95	\$0.1281	4	3,102	\$393.53	\$0.1269	4	2,206	\$291.63	\$0.1322	4	2,317	\$304.24	\$0.1313	4
Residential (Rural-Out - All Electric)	ER2	377	425,821	\$52,319.41	\$0.1229	376	455,552	\$55,674.82	\$0.1222	376	361,254	\$44,970.86	\$0.1245	375	356,797	\$44,441.94	\$0.1246	375
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	2,035	\$252.01	\$0.1238	2	2,185	\$269.03	\$0.1231	2	1,534	\$194.96	\$0.1271	2	1,712	\$215.25	\$0.1257	2
Residential (Rural-Out w/Dmd)	ER3	16	15,934	\$1,973.79	\$0.1239	16	17,174	\$2,115.60	\$0.1232	16	12,662	\$1,603.74	\$0.1267	16	15,601	\$1,938.09	\$0.1242	16
Residential (Rural-Out - All Electric w/Dmd)	ER4	9	7,593	\$955.60	\$0.1259	9	8,328	\$1,038.77	\$0.1247	9	7,172	\$907.99	\$0.1266	9	7,142	\$904.42	\$0.1266	9
Total Residential (Rural)		1,184	1,263,512	\$154,524.46	\$0.1223	1,183	1,353,540	\$166,077.35	\$0.1227	1,184	1,049,116	\$131,506.32	\$0.1253	1,188	1,054,715	\$132,164.02	\$0.1253	1,186
Commercial (1 Ph-In - No Dmd)	EC2	76	58,896	\$8,390.83	\$0.1425	76	40,897	\$6,098.23	\$0.1491	76	34,747	\$5,333.29	\$0.1535	76	32,527	\$5,050.68	\$0.1553	73
Commercial (1 Ph-Out - No Dmd)	EC2O	48	8,154	\$1,613.40	\$0.1979	48	7,971	\$1,589.79	\$0.1994	48	7,344	\$1,510.81	\$0.2057	48	7,470	\$1,526.63	\$0.2044	48
Total Commercial (1 Ph) No Dmd		124	67,050	\$10,004.23	\$0.1492	124	48,868	\$7,688.02	\$0.1573	124	42,091	\$6,844.10	\$0.1626	124	39,997	\$6,577.31	\$0.1644	121
Commercial (1 Ph-In - w/Demand)	EC1	258	347,281	\$50,323.85	\$0.1449	259	411,769	\$58,197.76	\$0.1413	259	379,198	\$53,697.15	\$0.1416	260	319,807	\$47,319.16	\$0.1480	261
Commercial (1 Ph-Out - w/Demand)	EC1O	24	30,759	\$4,412.07	\$0.1434	25	47,917	\$6,566.44	\$0.1370	25	44,552	\$5,902.21	\$0.1325	25	44,645	\$5,891.25	\$0.1320	26
Total Commercial (1 Ph) w/Demand		282	378,040	\$54,735.92	\$0.1448	284	459,686	\$64,764.20	\$0.1409	284	423,750	\$59,599.36	\$0.1406	285	364,452	\$53,210.41	\$0.1460	287
Commercial (3 Ph-Out - No Dmd)	EC4O	2	40	\$41.09	\$1.0273	2	40	\$41.09	\$1.0273	2	80	\$46.17	\$0.5771	2	40	\$41.09	\$1.0273	2
Total Commercial (3 Ph) No Dmd		2	40	\$41.09	\$1.0273	2	40	\$41.09	\$1.0273	2	80	\$46.17	\$0.5771	2	40	\$41.09	\$1.0273	2
Commercial (3 Ph-In - w/Demand)	EC3	200	1,550,308	\$196,114.84	\$0.1265	205	1,638,514	\$206,906.78	\$0.1263	204	1,692,732	\$214,231.62	\$0.1266	205	1,517,308	\$193,360.95	\$0.1274	205
Commercial (3 Ph-Out - w/Demand)	EC3O	38	262,736	\$34,248.95	\$0.1304	38	276,505	\$35,724.78	\$0.1292	38	325,955	\$41,725.26	\$0.1280	38	294,347	\$39,396.29	\$0.1338	38
Commercial (3 Ph-Out - w/Dmd.&Sub-St.)	E3SO	3	115,600	\$13,912.96	\$0.1204	3	116,040	\$13,907.06	\$0.1198	3	116,000	\$13,869.38	\$0.1196	3	129,040	\$15,176.79	\$0.1176	3
Commercial (3 Ph-In - w/Demand, No Tax)	EC3T	1	3,320	\$464.87	\$0.1400	1	4,520	\$592.45	\$0.1311	1	5,480	\$770.10	\$0.1405	1	4,360	\$641.13	\$0.1470	1
Total Commercial (3 Ph) w/Demand		242	1,931,964	\$244,741.62	\$0.1267	247	2,035,579	\$257,131.07	\$0.1263	246	2,140,167	\$270,596.36	\$0.1264	247	1,945,055	\$248,575.16	\$0.1278	247
Large Power (In - w/Dmd & Rct)	EL1	20	2,241,398	\$230,431.42	\$0.1028	20	2,427,551	\$243,182.88	\$0.1002	20	2,337,738	\$237,863.72	\$0.1017	20	2,135,368	\$229,141.71	\$0.1073	20
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,106,992	\$104,791.60	\$0.0947	3	1,162,104	\$109,126.69	\$0.0939	3	1,123,509	\$108,039.15	\$0.0962	3	1,135,244	\$106,358.90	\$0.0937	3
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	355,200	\$39,089.96	\$0.1101	1	484,800	\$47,774.37	\$0.0985	1	537,600	\$53,006.22	\$0.0986	1	550,800	\$53,439.61	\$0.0970	1
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	72,757	\$14,892.80	\$0.2047	2	79,957	\$19,155.55	\$0.2396	2	81,360	\$16,071.48	\$0.1975	2	76,818	\$10,209.80	\$0.1329	2
Total Large Power		26	3,776,347	\$389,205.78	\$0.1031	26	4,154,412	\$419,239.49	\$0.1009	26	4,080,207	\$414,980.57	\$0.1017	26	3,898,230	\$399,150.02	\$0.1024	26
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,058,217	\$93,929.97	\$0.0888	1	1,175,166	\$100,988.96	\$0.0859	1	1,129,616	\$99,604.19	\$0.0882	1	1,112,781	\$97,747.46	\$0.0878	1
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	625,090	\$61,785.34	\$0.0988	1	736,807	\$68,131.06	\$0.0925	1	796,422	\$72,352.61	\$0.0908	1	957,307	\$86,295.32	\$0.0901	1
Total Industrial		2	1,683,307	\$155,715.31	\$0.0925	2	1,911,973	\$169,120.02	\$0.0885	2	1,926,038	\$171,956.80	\$0.0893	2	2,070,088	\$184,042.78	\$0.0889	2
Interdepartmental (In - No Dmd)	ED1	9	51,101	\$6,163.94	\$0.1206	8	53,518	\$6,417.40	\$0.1199	8	30,204	\$3,954.95	\$0.1309	9	30,726	\$3,903.70	\$0.1270	9
Interdepartmental (Out - w/Dmd)	ED2O	2	472	\$84.14	\$0.1783	2	557	\$94.92	\$0.1704	2	288	\$60.78	\$0.2110	2	365	\$70.56	\$0.1933	2
Interdepartmental (In - w/Dmd)	ED2	27	22,367	\$3,169.47	\$0.1417	26	24,282	\$3,399.52	\$0.1400	26	20,645	\$2,940.06	\$0.1424	26	22,151	\$3,130.33	\$0.1413	28
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	195,150	\$23,572.78	\$0.1208	11	195,896	\$22,942.74	\$0.1171	11	191,075	\$22,412.21	\$0.1173	11	170,644	\$19,992.77	\$0.1172	11
Interdepartmental (Street Lights)	EDSL	7	62,879	\$5,848.05	\$0.0930	7	62,879	\$5,851.14	\$0.0931	7	62,879	\$5,850.15	\$0.0930	7	63,071	\$5,865.70	\$0.0930	7
Interdepartmental (Traffic Signals)	EDTS	9	1,575	\$145.62	\$0.0925	9	1,715	\$158.59	\$0.0925	9	1,641	\$151.75	\$0.0925	9	1,699	\$157.09	\$0.0925	9
Generators (JV2 Power Cost Only)	GJV2	1	16,988	\$380.02	\$0.0224	1	18,180	\$417.41	\$0.0230	1	19,650	\$149.14	\$0.0076	1	19,414	\$444.39	\$0.0229	1
Generators (JV5 Power Cost Only)	GJV5	1	12,382	\$276.99	\$0.0224	1	12,704	\$291.68	\$0.0230	1	12,615	\$95.75	\$0.0076	1	11,906	\$272.53	\$0.0229	1
Total Interdepartmental		67	362,914	\$39,641.01	\$0.1092	65	369,731	\$39,573.40	\$0.1070	65	338,997	\$35,614.79	\$0.1051	66	319,976	\$33,837.07	\$0.1057	68
SUB-TOTAL CONSUMPTION & DEMAND		5,884	12,590,971	\$1,414,357.95	\$0.1123	5,893	13,779,826	\$1,524,038.78	\$0.1106	5,876	12,588,081	\$1,397,938.72	\$0.1111	5,899	12,241,728	\$1,360,213.60	\$0.1111	5,892
Street Lights (In)	SLO	13	0	\$13.28	\$0.0000	13	0	\$13.28	\$0.0000	13	0	\$13.28	\$0.0000	13	0	\$13.28	\$0.0000	13
Street Lights (Out)	SLOO	2	0	\$1.91	\$0.0000	2	0	\$1.92	\$0.0000	2	0	\$1.91	\$0.0000	2	0	\$1.92	\$0.0000	2
Total Street Light Only		15	0	\$15.19	\$0.0000	15	0	\$15.20	\$0.0000	15	0	\$15.19	\$0.0000	15	0	\$15.20	\$0.0000	15
TOTAL CONSUMPTION & DEMAND		5,899	12,590,971	\$1,414,373.14	\$0.1123	5,908	13,779,826	\$1,524,053.98	\$0.1106	5,891	12,588,081	\$1,397,953.91	\$0.1111	5,914	12,241,728	\$1,360,228.80	\$0.1111	5,907

BILLING SUMMARY AND COMPARISON

FEBRUARY, 2018

2018 - FEBRUARY BILLING WITH JANUARY 2018

Class and/or Schedule	Rate Code	Dec-17 (kWh Usage)	Dec-17 Billed	Cost / kWh For Month	Jan-18 # of Bills	Jan-18 (kWh Usage)	Jan-18 Billed	Cost / kWh For Month	TOTAL KWH USEAGE PRIOR 12 MO	TOTAL BILLING PRIOR 12 MO	Avg.Cost Per kWh For Period	Avg.Num. of Bills For Period	Avg.Per.% of Bills For Period
Residential (Dom-In)	E1	1,828,366	\$220,986.13	\$0.1209	3,335	2,010,836	\$244,589.76	\$0.1216	25,917,076	\$3,080,297.89	\$0.1189	3,334	56.6163%
Residential (Dom-In) w/Ecosmart	E1E	4,265	\$522.82	\$0.1226	9	4,807	\$590.89	\$0.1229	57,134	\$6,906.72	\$0.1209	9	0.1528%
Residential (Dom-In - All Electric)	E2	411,193	\$48,798.42	\$0.1187	604	564,281	\$66,628.60	\$0.1181	5,833,846	\$683,302.99	\$0.1171	604	10.2541%
Res (Dom-In - All Elec.) w/Ecosmart	E2E	543	\$65.68	\$0.1210	1	418	\$52.69	\$0.1261	6,498	\$783.78	\$0.1206	1	0.0170%
Total Residential (Domestic)		2,244,367	\$270,373.05	\$0.1205	3,949	2,580,342	\$311,861.94	\$0.1209	31,814,554	\$3,771,291.38	\$0.1185	3,948	67.0402%
Residential (Rural-Out)	ER1	685,224	\$86,337.74	\$0.1260	773	765,076	\$96,763.07	\$0.1265	8,864,300	\$1,104,165.61	\$0.1246	771	13.0968%
Residential (Rural-Out) w/Ecosmart	ER1E	2,675	\$346.59	\$0.1296	4	3,295	\$423.51	\$0.1285	32,613	\$4,208.86	\$0.1291	4	0.0679%
Residential (Rural-Out - All Electric)	ER2	403,035	\$49,945.45	\$0.1239	376	472,990	\$58,795.22	\$0.1243	5,204,696	\$640,132.85	\$0.1230	378	6.4097%
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	1,834	\$230.21	\$0.1255	2	2,390	\$298.17	\$0.1246	25,246	\$3,126.18	\$0.1238	2	0.0340%
Residential (Rural-Out w/Dmd)	ER3	64,428	\$7,518.60	\$0.1167	16	139,280	\$16,276.44	\$0.1169	416,866	\$49,690.11	\$0.1192	16	0.2717%
Residential (Rural-Out - All Electric w/Dmd)	ER4	24,064	\$2,842.60	\$0.1181	9	29,151	\$3,474.71	\$0.1192	137,703	\$16,854.61	\$0.1224	9	0.1528%
Total Residential (Rural)		1,181,260	\$147,221.19	\$0.1246	1,180	1,412,182	\$176,031.12	\$0.1247	14,681,424	\$1,818,178.22	\$0.1238	1,180	20.0328%
Commercial (1 Ph-In - No Dmd)	EC2	33,935	\$5,213.13	\$0.1536	72	33,842	\$5,248.60	\$0.1551	530,478	\$78,238.59	\$0.1475	75	1.2706%
Commercial (1 Ph-Out - No Dmd)	EC2O	7,896	\$1,585.34	\$0.2008	48	11,116	\$2,015.82	\$0.1813	100,951	\$19,570.28	\$0.1939	47	0.7895%
Total Commercial (1 Ph) No Dmd		41,831	\$6,798.47	\$0.1625	120	44,958	\$7,264.42	\$0.1616	631,429	\$97,808.87	\$0.1549	121	2.0602%
Commercial (1 Ph-In - w/Demand)	EC1	291,661	\$43,822.32	\$0.1503	261	284,512	\$42,357.67	\$0.1489	3,824,973	\$557,059.35	\$0.1456	258	4.3793%
Commercial (1 Ph-Out - w/Demand)	EC1O	42,872	\$5,729.42	\$0.1336	25	43,761	\$5,916.71	\$0.1352	437,914	\$60,674.03	\$0.1386	25	0.4316%
Total Commercial (1 Ph) w/Demand		334,533	\$49,551.74	\$0.1481	286	328,273	\$48,274.38	\$0.1471	4,262,887	\$617,733.38	\$0.1449	283	4.8108%
Commercial (3 Ph-Out - No Dmd)	EC4O	80	\$46.22	\$0.5778	2	17,480	\$2,292.64	\$0.1312	29,000	\$4,179.26	\$0.1441	2	0.0340%
Total Commercial (3 Ph) No Dmd		80	\$46.22	\$0.5778	2	17,480	\$2,292.64	\$0.1312	29,000	\$4,179.26	\$0.1441	2	0.0340%
Commercial (3 Ph-In - w/Demand)	EC3	1,433,490	\$184,075.24	\$0.1284	204	1,281,988	\$166,754.24	\$0.1301	16,958,017	\$2,161,336.23	\$0.1275	203	3.4440%
Commercial (3 Ph-Out - w/Demand)	EC3O	437,383	\$55,388.91	\$0.1266	37	498,587	\$62,293.93	\$0.1249	3,895,887	\$499,306.49	\$0.1282	38	0.6438%
Commercial (3 Ph-Out - w/Dmd & Sub-St.)	E3SO	111,840	\$13,266.17	\$0.1186	3	124,400	\$14,870.27	\$0.1195	1,409,840	\$168,449.43	\$0.1195	3	0.0509%
Commercial (3 Ph-In - w/Demand, No Taps)	EC3T	4,720	\$688.22	\$0.1458	1	1,880	\$317.02	\$0.1686	35,600	\$4,923.58	\$0.1383	1	0.0170%
Total Commercial (3 Ph) w/Demand		1,987,433	\$253,418.54	\$0.1275	245	1,906,855	\$244,235.46	\$0.1281	22,299,344	\$2,834,015.73	\$0.1271	245	4.1557%
Large Power (In - w/Dmd & Rct)	EL1	2,168,883	\$222,936.81	\$0.1028	20	2,006,153	\$213,358.86	\$0.1064	25,539,288	\$2,648,522.47	\$0.1037	20	0.3396%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	1,022,737	\$97,146.25	\$0.0950	3	927,688	\$88,035.71	\$0.0949	12,411,145	\$1,183,498.40	\$0.0954	3	0.0509%
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	540,000	\$52,214.92	\$0.0967	1	480,000	\$48,097.78	\$0.1002	5,287,200	\$533,859.48	\$0.1010	1	0.0170%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	88,348	\$8,206.94	\$0.0929	2	85,831	\$8,470.21	\$0.0987	934,870	\$133,539.08	\$0.1428	2	0.0340%
Total Large Power		3,819,968	\$380,504.92	\$0.0996	26	3,499,672	\$357,962.56	\$0.1023	44,172,503	\$4,499,419.43	\$0.1019	26	0.4415%
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1,089,751	\$95,026.41	\$0.0872	1	1,008,863	\$93,691.01	\$0.0929	12,663,994	\$1,131,341.88	\$0.0893	1	0.0170%
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	793,944	\$73,110.92	\$0.0921	1	580,356	\$61,860.44	\$0.1066	9,911,638	\$900,453.95	\$0.0908	1	0.0170%
Total Industrial		1,883,695	\$168,137.33	\$0.0893	2	1,589,219	\$155,551.45	\$0.0979	22,575,632	\$2,031,795.83	\$0.0900	2	0.0340%
Interdepartmental (In - No Dmd)	ED1	35,134	\$4,725.24	\$0.1345	9	47,039	\$5,798.00	\$0.1233	518,726	\$62,836.61	\$0.1211	8	0.1372%
Interdepartmental (Out - w/Dmd)	ED2O	269	\$58.51	\$0.2175	2	275	\$59.76	\$0.2173	3,994	\$796.83	\$0.1995	2	0.0340%
Interdepartmental (In - w/Dmd)	ED2	44,216	\$5,978.93	\$0.1352	32	59,195	\$8,039.29	\$0.1358	469,363	\$63,783.39	\$0.1359	27	0.4627%
Interdepartmental (3Ph-In - w/Dmd)	ED3	192,105	\$24,351.34	\$0.1268	11	232,067	\$29,509.11	\$0.1272	2,607,892	\$310,047.36	\$0.1189	11	0.1868%
Interdepartmental (Street Lights)	EDSL	63,071	\$5,850.46	\$0.0928	7	63,071	\$5,874.10	\$0.0931	755,124	\$70,217.72	\$0.0930	7	0.1189%
Interdepartmental (Traffic Signals)	EDTS	1,805	\$166.87	\$0.0924	9	1,768	\$163.49	\$0.0925	20,373	\$1,883.70	\$0.0925	9	0.1528%
Generators (JV2 Power Cost Only)	GJV2	21,949	\$501.75	\$0.0229	1	24,724	\$724.66	\$0.0293	262,716	\$8,608.10	\$0.0328	1	0.0170%
Generators (JV5 Power Cost Only)	GJV5	11,273	\$257.70	\$0.0229	1	14,021	\$410.96	\$0.0293	159,840	\$4,994.95	\$0.0312	1	0.0170%
Total Interdepartmental		369,822	\$41,890.80	\$0.1133	72	442,160	\$50,579.37	\$0.1144	4,798,028	\$523,168.66	\$0.1090	66	1.1263%
SUB-TOTAL CONSUMPTION & DEMAND		11,862,989	\$1,317,942.26	\$0.1111	5,882	11,821,141	\$1,354,053.34	\$0.1145	145,264,801	\$16,197,590.76	\$0.1115	5,874	99.7354%
Street Lights (In)	SLO	0	\$13.29	\$0.0000	13	0	\$13.28	\$0.0000	0	\$160.46	\$0.0000	14	0.2306%
Street Lights (Out)	SLOO	0	\$1.92	\$0.0000	2	0	\$1.92	\$0.0000	0	\$22.99	\$0.0000	2	0.0340%
Total Street Light Only		0	\$15.21	\$0.0000	15	0	\$15.20	\$0.0000	0	\$183.45	\$0.0000	16	0.2646%
TOTAL CONSUMPTION & DEMAND		11,862,989	\$1,317,957.47	\$0.1111	5,897	11,821,141	\$1,354,068.54	\$0.1145	145,264,801	\$16,197,774.21	\$0.1115	5,890	100.0000%

Electric Department Report January 2018

There were 9 callouts/outages in January. Two callouts were due to house fires. One callout was due to a loose connection that caused a cross phase in the meter box. Two callouts were to perform locates for water main breaks. One callout was due to a bad underground wire. One callout was due to a blown fuse. One callout was from City Hall to turn on electric. One outage was due to a tree branch on County Road 15.

Linemen/Service Truck: Linemen installed a cutout line fuse on County Road 15 due to a tree branch that caused an outage. Linemen installed a street light on Fillmore St. Linemen replaced street lights on W. Clinton St. Line crews took down the Christmas decorations downtown. Crews energized a 3 phase service to the Pentecostal Church. Crews did a URD service at Coon Hollow. Linemen did a service repair at V521 County Road 10. Crews changed out Ct's at the Henry County Court House. Crews tagged pad mount transformers at Mills Apartments. Crews replaced a 3 phase pole on County Road S hit by a car. Crews installed URD service at 704 Welsted St. Crews straightened poles on Jahns Road and changed out a 3 phase pole. Crews rebuilt 69 line on Glenwood Ave. Linemen did a 3 phase transfer on Glenwood Ave. Linemen installed a temporary pole for the Fire Department in their lot. Crews also performed shop and truck inventory maintenance and attended OSHA training. The service truck performed locates street light repairs, various work orders and attended OSHA training.

Substation Crew: The substation crew performed monthly maintenance checks at all stations, switching for various line work and testing, NERC compliance and breaker testing. They also attended OSHA training.

Tree Crew: The tree trimming crew helped take down Christmas decorations and trimmed trees on County Road 15, County Road 14, Coon Hollow, County Road 15B, Park St., Maple St., W. Riverview Ave. and Stevenson St. They also helped with shop maintenance and attended OSHA training.

Storeroom/Inventory: Shawn read meters, ordered inventory, performed maintenance in shop and helped crews as needed. He also attended OSHA training.

The Peak Load for January, 2018 was **24.46 MW** occurring on the 2nd at 7:30 PM. This was an increase of .99 MW compared to January 2017. The Turbine and JV-2 & JV-5 did not run. The Solar Field produced 221.79 MWh in January, 2018. This was an increase of 74.8 MWh compared to January, 2017. The January, 2018 peak was 3.27 MW. This was an increase of .05 MW compared to January, 2017.

KLM 2/2/2018

City of Napoleon, Ohio



SUMMARY OF JANUARY 2018 OUTAGE/STANDBY CALL-OUTS

January 2, 2018:

One employee was dispatched at 5:22 a.m. to 523 E. Riverview Ave. due to a structure fire. The employee de-energized the transformer bank.

January 2, 2018:

One employee was dispatched at 3:35 p.m. to 715 Wayne St. to do a line locate for a water main break.

January 11, 2018:

Electric personnel were dispatched at 8:04 p.m. to U521 County Road 10 due to a power outage. The outage was due to a loose connection that caused a cross phase in the meter box. The customer needs an electrician to fix their side of the problem for reconnection.

January 14, 2018:

Electric personnel were dispatched at 12:23 a.m. to 1010 S. Perry St. due to a house fire. The personnel disconnected the power.

January 15, 2018:

Electric personnel were dispatched at 10:58 a.m. to 479 Independence Dr. (Mills Apartments) due to a power outage. The outage lasted three hours and affected sixty five customers. The outage was due to a bad underground wire. The personnel switched out a bad section of underground wire.

January 18, 2018:

Electric personnel were dispatched at 5:00 p.m. to the intersection of Scott & Front St. to do a line locate for a water main break.

January 20, 2018:

Electric personnel were dispatched at 5:30 p.m. to Westchester and Westmont Ave. due to a power outage. The outage lasted one hour and thirty minutes and affected twenty six customers. The outage was due to a blown fuse. The personnel replaced the fuse.

January 22, 2018:

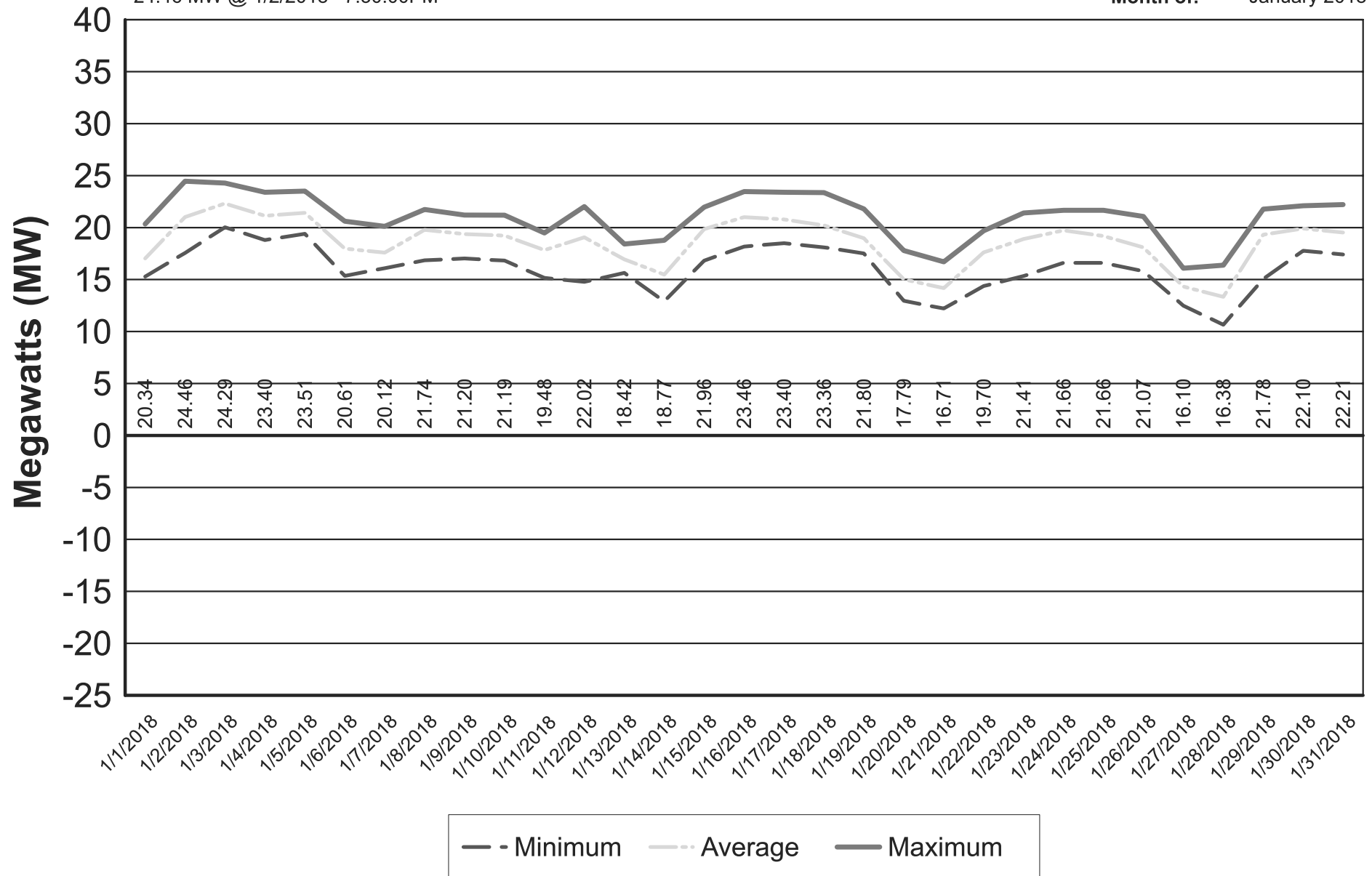
One employee was dispatched at 3:30 p.m. by City Hall to do an electric turn on at 332 E. Front St.

Napoleon Power & Light

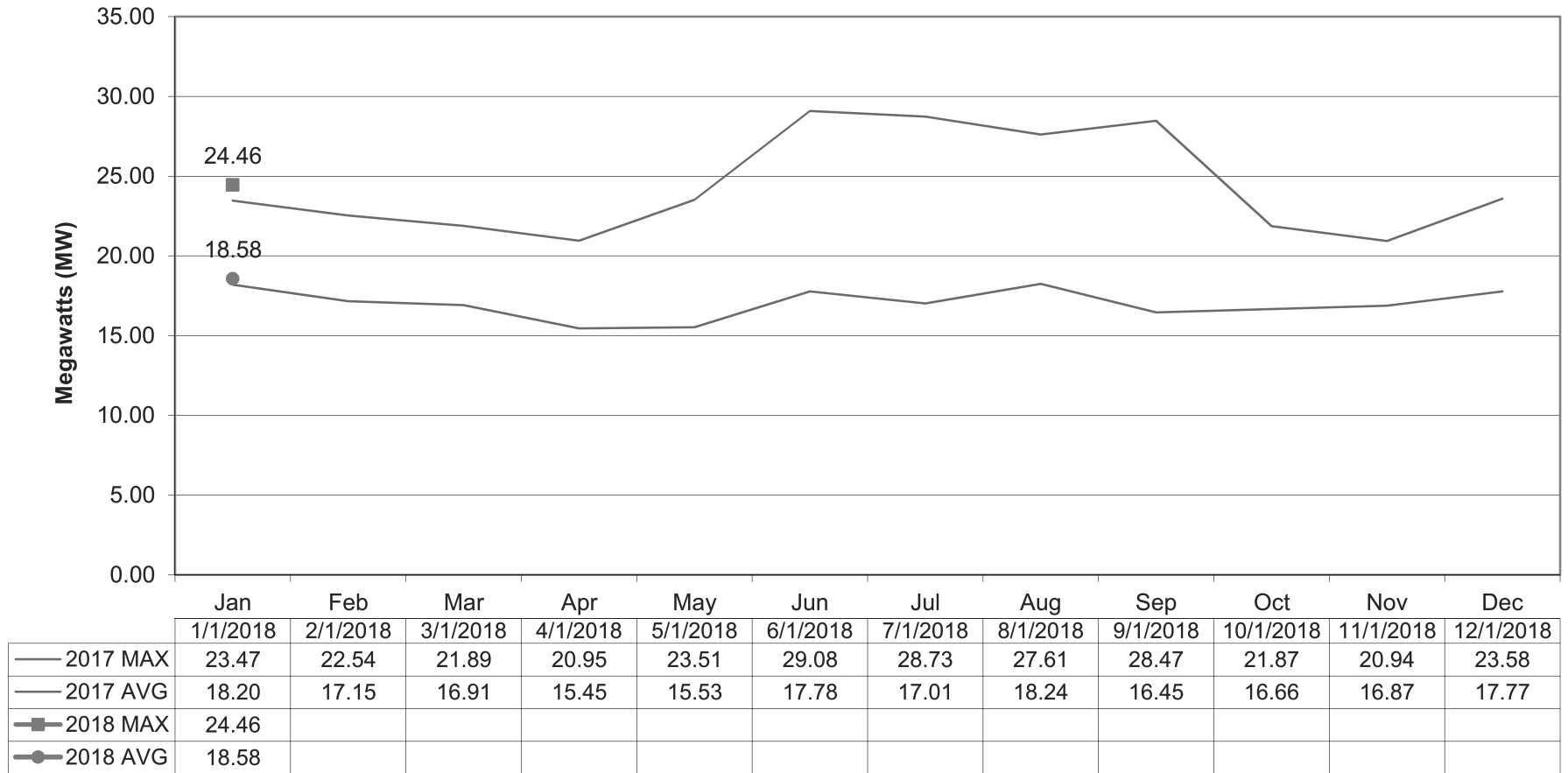
System Load

Peak Load:
24.46 MW @ 1/2/2018 7:30:00PM

Month of: January 2018



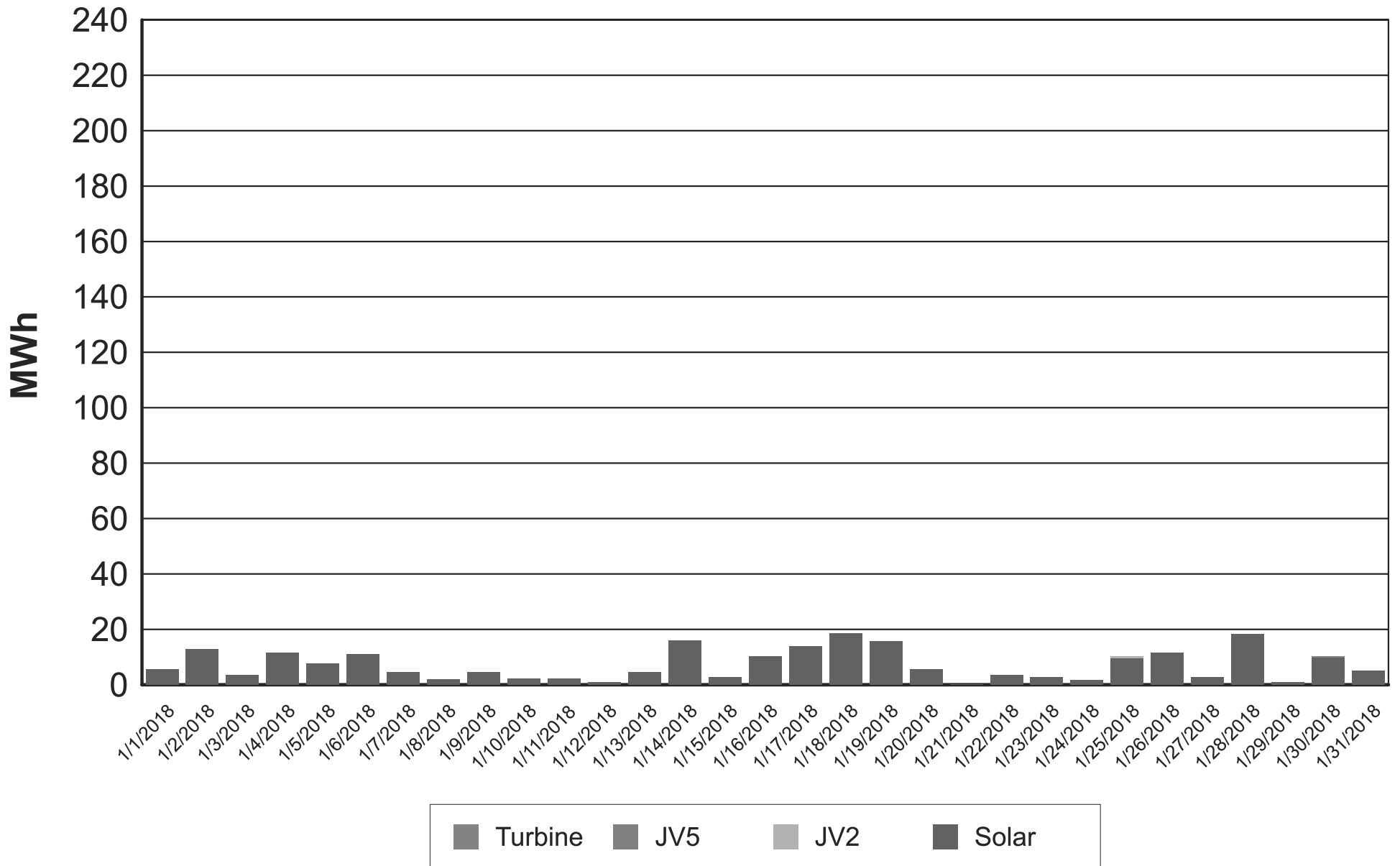
NAPOLEON POWER & LIGHT



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

Napoleon Power & Light

Daily Generation Output



NAPOLEON POWER & LIGHT

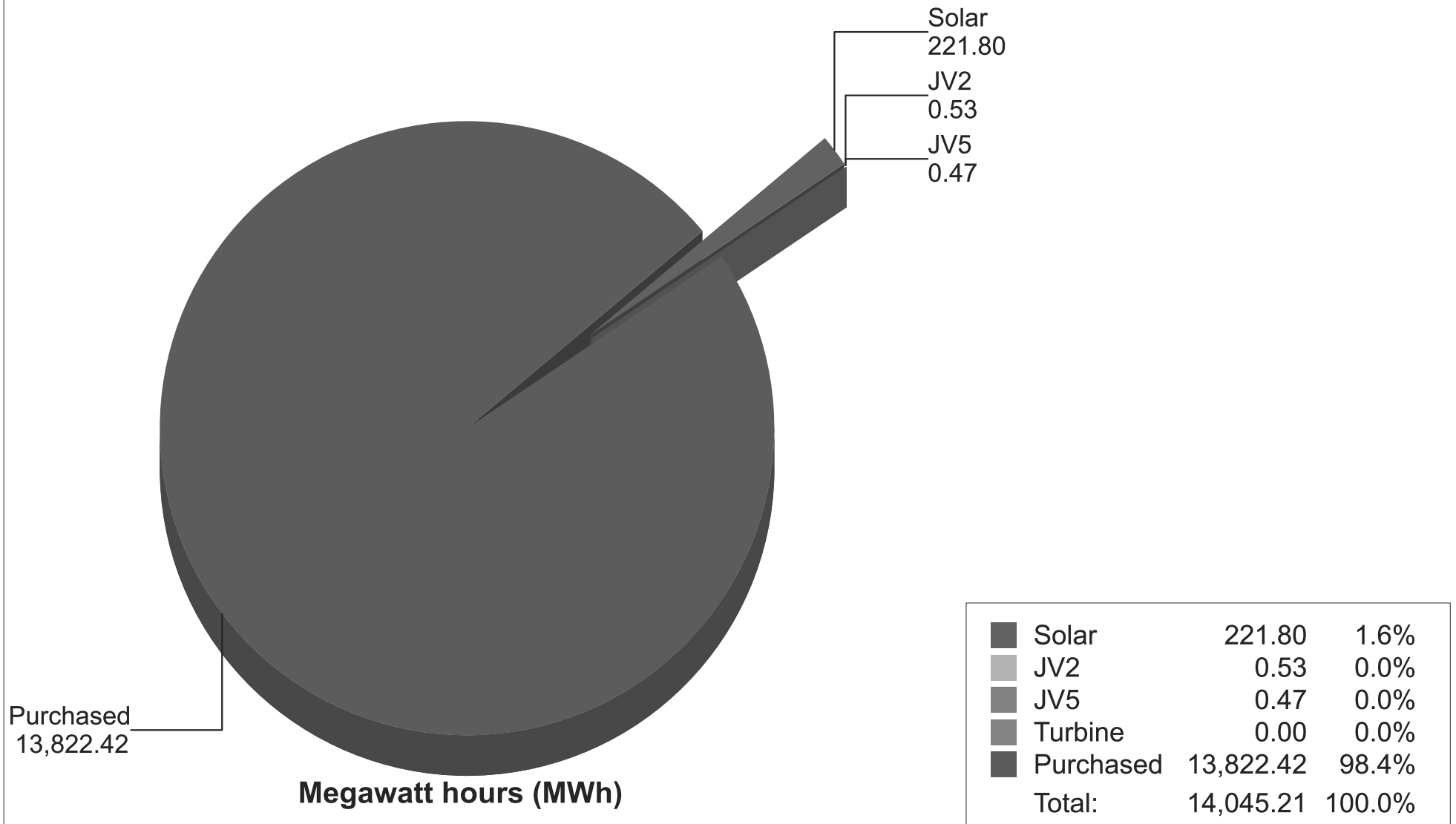
Solar Field Output Trend

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Napoleon Power & Light

Power Portfolio

January 2018



City of Napoleon, Ohio

BOARD OF PUBLIC AFFAIRS

Meeting Agenda

Monday, February 12, 2018 at 6:15 pm

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

- 1) Approval of Minutes: January 8, 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 February 2018:
PSCAF – three (3) month averaged factor \$0.01475
JV2 \$0.033197
JV5 \$0.033197
- 3) Discussion/Action: Transmission Operator for Northside Substation.
- 4) Discussion/Action: Power Generation Portfolio Realignment.
- 5) Electric Department Reports.
- 6) Review/Action on Septage Receiving Rules. (with Water/Sewer Committee)
- 7) Review of Concept for Cost-Based Billing Structure for Water Customers. (with Water/Sewer Committee and City Council)
- 8) Discussion/Action: Water Rate Review. (with Water/Sewer Committee and City Council)
- 9) Discussion/Action: Water Tower Rehab. (with Water/Sewer Committee and City Council)
- 10) Any other matters to come before the Committee.
- 11) Adjournment.



Gregory J. Heath
Finance Director/Clerk of Council

more stringent to comply with NERC requirements. Options we have are we could sell to First Energy or we could file as a Transmission Owner (TO), it was the recommendation of the board and committee to file as a TO but not until we received information from First Energy on an offer to buy our assets; in the meantime, AMP has put together a proposal. The National Energy Regulatory Commission (NERC) makes the regulations, the Federal Energy Regulatory Commission (FERC) approves, NERC is the enforcer and Reliability First (RF) is the referee of everything. A major reason for the new regulatory standards is after the 2003 blackout in the Midwest, a failure was found in the transmission lines that cascaded and caused everyone to blackout for several hours. Transmission Owners were encouraged to invest money in the upkeep of the transmission lines to make them more reliable and then would be able to recoup transmission revenue on the equity. Napoleon has a 138kV line that runs across the north end of town and our substation ties into the BES equipment, because we own that we are now in the TO regulatory category. Wachtman added basically NERC wants to hold someone accountable and make sure we are compliant with NERC reliability standards. Mazur said if we are a TO we have to have a 24-hour operation dedicated to monitoring our BES equipment and a dispatcher, that is a lot of manpower for watching a ring bus and four breakers and would not be cost effective for Napoleon to do plus there is the requirement they must be trained and licensed to do the work. To begin with there is a startup cost of \$150,000, Grid Force has said they would do the 24-hour operation monitoring for \$10,000/month, we are looking at around \$300,000 to just start the TO process. In addition, we would need to acquire legal expertise for help with the filings that are cumbersome. Transmission costs will continue to increase, it is projected 17.5% of your bill will be for transmission costs next year. If AMP was to purchase our asset, we would receive an influx of cash and we can contract with AMP to do the work we are already doing and get paid for doing that work. DeWit asked if AMP could monitor the system remotely. Mazur answer "yes". Wachtman said "this is not a convenience factor, this is a compliance factor". Mazur stated our recommendation is to sell to AMP with payment up front for the purchase and a maintenance contract, it has been three months and we have not received a response from First Energy. McAllister added you already have compliance regulations if something would happen NERC would come after you. She went on that the members approached AMP regarding not being able to comply 24/7 as a transmission owner, in addition, the risk of non-compliance is that NERC could apply a penalty up to \$1 million a day, AMP wanted to help its members. We are looking at \$360,000 to buy; but, no one has been out to see your system yet. Mazur said we would be selling everything north of the 138, and anything inside the control house that connects to the 138, we would remain owner of the transformer and wires. DeWit said I'm good staying with AMP, it would be hard to buy from someone we don't know, this is important. McAllister said AMP would need to do a site visit to evaluate what needs to be done, evaluate the facility and then come up with an asset purchase agreement. Heath asked what if down the road you decide you do not want to be a distributor anymore. McAllister responded you would have the opportunity to buy back the asset that would be in the contract. DeWit added first refusal written in the contract would be a good.

Other Matters

Septage Receiving Rules

Mazur said septage receiving rules did not make it on this agenda; but, that is okay as Dave Pike is still on vacation and we will present it at the February meeting.

Dr. Cordes said he had a citizen mention to him the water does not have that smell and tastes better, I have noticed that too and it should be mentioned. People may not realize our water is better than what we have had.

Motion to Adjourn BOPA Meeting

Motion: DeWit Second: Dr. Cordes
to adjourn the Electric Committee meeting at 8:07 pm.

Passed
Yea-2
Nay-0

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

Approved

February 12, 2018

Dr. David Cordes - Chairman

City of Napoleon, Ohio

SPECIAL MEETING

of the

WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE

In Joint Session with

CITY COUNCIL

Monday, February 12, 2018 at 7:00 pm

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

- 1) Approval of Minutes: January 08, 2018. *(In the absence of any objections or corrections, the Minutes shall stand approved).*
- 2) Discussion/Action: Waterline on the New River Bridge.
- 3) Review/Action on Septage Receiving Rules. (with BOPA)
- 4) Review of Concept for Cost-Based Billing Structure for Water Customers. (with BOPA)
- 5) Water Rate Review. (with BOPA)
- 6) Discussion on Water Tower Rehab. (with BOPA)
- 7) Any other matters currently assigned to the Committee.
- 8) Adjournment.



Gregory J. Heath
Finance Director/Clerk of Council



City of Napoleon, Ohio

Department of Public Works

255 West Riverview Avenue, P.O. Box 151

Napoleon, OH 43545

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

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

www.napoleonohio.com

Memorandum

To: Joel L. Mazur, City Manager
From: Chad E. Lulfs, P.E., P.S., Director of Public Works
cc: Billy Harmon, City Law Director
Date: January 24, 2018
Subject: Proposed Industrial Drive River Bridge – Design & Installation of New Waterline (River Crossing)

The City of Napoleon's water distribution system currently has two river crossings. The most easterly crossing is located under the Perry Street Bridge. Several decades ago another crossing was installed on the old Railroad Bridge. However, approximately ten years ago that line ruptured and was decommissioned.

In an effort to reinforce the water distribution system on the south side of the river, I am proposing a new river crossing be constructed under the proposed Industrial Drive River Bridge that is scheduled for construction in 2019. Current water users in the easterly portion of the City on the south side of the river currently have low flow rates. By installing a waterline on the proposed bridge, we would be in position to "loop" the water system on S.R. 110. If approved, the new river crossing would be approximately 650' from the end of the existing waterline on S.R. 110. Once the project is completed, we could then design a project to construct a waterline connecting the river crossing to our system.

I had this proposal analyzed in our water model. The recommendation was to install a 6"-10" line on the proposed bridge. I recommend an 8" line be installed. The design cost for this waterline has been quoted at \$37,572.00. The estimated construction cost is \$400,000.00. Adding in a 10% contingency the total would be approximately \$500,000.00.

I am asking for approval to proceed with this project. Because of the time frame, the design costs would need to be allocated this year. This would be a contract with Henry County through the County Engineer's office. The project would be bid either late in 2018 or sometime in 2019. I request that this issue be taken to committee as soon as possible and to have a decision from Council in February.

CEL

City of Napoleon, Ohio

SPECIAL MEETING

OF

CITY COUNCIL

in Joint Session with the

WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE

and

MUNICIPAL PROPERTIES, BUILDING, LAND USE & ECONOMIC DEVELOPMENT COMMITTEE

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

SPECIAL MEETING AGENDA

Monday, February 12, 2018 at 7:00 pm

- 1) Review of Concept for Cost-Based Billing Structure for Water Customers.
- 2) Discussion/Action: Water Rate Review.
- 3) Discussion/Action: Water Tower Rehab.
- 4) Discussion/Action: Former West School Property.
- 5) Discussion/Action: Approval of Plans and Specifications for the HEN-Industrial Drive Reconstruction PID No. 102253 Industrial Drive Street Improvements Project.
- 6) Adjournment.



Gregory J. Heath
Finance Director/Clerk of Council

City of Napoleon, Ohio

SPECIAL MEETING

of the

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

in Joint Session with

CITY COUNCIL

Monday, February 12, 2018 at 7:30 pm

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

- 1) Approval of Minutes: January 08, 2018. *(In the absence of any objections or corrections, the Minutes shall stand approved)*
- 2) Discussion/Action: Former West School Property.
- 3) Discussion on Potential Re-Routing of State Route 108 to Scott Street.
- 4) Discussion on Downtown Project Phase 2 (Clinton Street).
- 5) Discussion on ODOT Transportation Alternatives Program Funding.
- 6) Discussion on CDBG Neighborhood Revitalization Funding Grant Opportunity.
- 7) Any other matters currently assigned to the Committee.
- 8) Adjournment.



Gregory J. Heath

Finance Director/Clerk of Council

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

Monday, January 08, 2018 at 7:30 PM

Page 1 of 2

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Records Retention: FIN-33 Permanent

Motion to Adjourn

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

Passed

Yea-3

Nay-0

Roll call vote on the above motion:

Yea-Maassel, Siclair, Bialorucki

Nay-

Adjournment

The Municipal Properties, Building, Land Use and Economic Development Meeting
was adjourned at 8:32 pm.

Date Approved:

February 12, 2018

Lori Siclair, Chair

DRAFT



City of Napoleon, Ohio

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

Memorandum

To: Board of Zoning Appeals, City Council, Mayor, City
Law Director, City Manager, Department
Supervisors, Newsmedia
From: Gregory J. Heath, Finance Director/Clerk of *G.J.H.*
Council
cc:
Date: February 9, 2018
Subject: BZA – Cancellation

The regularly scheduled meeting of the Board of Zoning Appeals set for Tuesday, February 13, 2018 at 4:30 pm has been CANCELED due to lack of agenda items.



City of Napoleon, Ohio

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

Memorandum

To: Planning Commission, City Council, Mayor, City
Law Director, City Manager, Department
Supervisors, Newsmedia
From: Gregory J. Heath, Finance Director/Clerk of *G.J.H.*
Council
cc:
Date: February 09, 2018
Subject: Planning Commission – Cancellation

The regularly scheduled meeting of the Planning Commission for Tuesday, February 13, 2018 at 5:00 pm has been CANCELED due to lack of agenda items.



Ohio House of Representatives passes legislation to protect utility workers

By Charles Willoughby - director of government affairs

On Feb. 1, the Ohio House of Representatives passed House Bill 276 (HB 276), legislation that seeks to protect utility workers from violence and intimidation by enhancing the penalty for aggravated menacing when the victim is working on utility operations. The bill currently awaits consideration by the Ohio Senate. AMP and OMEA submitted a letter of support for HB 276 during the committee hearing process and would like to thank the Ohio House of Representatives for their work on this bill. A copy of this [letter](#) is available on the [AMP website](#). We will continue to work with the state legislature to see that the Ohio Senate passes it.

Under the redefined penalty for aggravated menacing in HB 276, offenders would be charged with a first-degree misdemeanor, unless the offender has previously been convicted of this crime, in which case they would be charged with a fifth degree felony.

Utility workers, especially electric lineworkers, have some of the most dangerous jobs in the country. They are often forced to confront unavoidable risks such as inclement weather, downed electric lines, fire hazards and national security threats. However, they are also forced to deal with the many unfriendly circumstances associated with billing and the disconnection of service for non-payment. AMP and OMEA believe that HB 276 can help to curtail the risks associated with these public interactions.

If you have questions about HB 276 or its progress, contact me at cwilloughby@amppartners.org or 614.540.1036.

AMP to host Advanced Transformer Workshop and Technical Services Conference

By Jennifer Flockerzie - technical services program coordinator

In the coming months, AMP is set to host an Advanced Transformer Workshop and the 2018 Technical Services Conference.

Advanced Transformer Workshop

The Advanced Transformer Workshop is a journeyman refresher course or learning opportunity for experienced apprentices. This training focuses on advanced transformer theory and the review of transformer connections. The course is designed to provide an in-depth knowledge of transformer sizing, fuse sizing and three-phase transformer banking.



Date: Feb. 21-22

Location: AMP Headquarters - Columbus

Time: Two half-day classes

Size: Total minimum attendance required is 15

Cost: \$200

Technical Services Conference

The 2018 AMP Technical Services Conference is designed for electric utility managers, municipal administrators, engineers, lineworkers and technical staff, and is intended to promote and contribute to the objective of operational safety and reliable system services. The training sessions and conference presentations will address a number of important issues for utility staff. The conference also features a vendor expo that allows attendees to see the latest in industry products and services.



Date: March 13-14

Location: Quest Conference Center

8405 Pulsar Place, Columbus, Ohio 43240

Time: One full day and one half day

Cost: \$175

If you have any questions about the Technical Services Conference or lineworker trainings, or would like to register, please contact me at jflockerzie@amppartners.org or 614.540.0853.

New APPA report on energy storage now available

By Erin Miller - director of energy policy and sustainability

The American Public Power Association (APPA) released a new report for its members: Understanding Energy Storage: Technology, Costs and Potential Value. This report is part of APPA's Public Power Forward Initiative, which was created to capture the changes in our industry and to provide members with resources to tackle those changes. To learn more about the initiative, click [here](#).



The APPA developed the report to educate public power utilities about energy storage installed in front of the customer's meter, the various technologies and services storage can provide, economic considerations, as well as policy and regulatory developments.

This report describes the current energy storage landscape by examining the topics below.

- Deployment statistics and projections
- Technologies: electro-chemical, electro-mechanical and thermal
- Services and use cases
- Technology, service and cost factors in energy storage economics
- Policy, legal and regulatory developments
- Public power case studies

The report is available in APPA's [product store](#). AMP members are also members of APPA and can download the report at no cost. It is also available for download on the [Focus Forward page](#) of the member extranet under "Energy Storage" (must be logged in).

January 2018: Highest energy prices and congestion since the polar vortex of 2014

By Mike Migliore - vice president of power supply and marketing

The seven day cold snap at the start of January, with temperatures averaging near 20 degrees below normal, drove power and natural gas prices to levels not seen since the polar vortex of 2014. Prices for the first seven days of January averaged \$93/MWh at the AEP/Dayton Hub and \$204/MWh in Virginia. In comparison the last 24 days of the month averaged \$41/MWh and \$54/MWh respectively. Power prices in eastern PJM reached a peak on Jan. 5, which was caused by a spike in natural gas prices that broke the \$100/MCF mark compared to the normal \$3/MCF. Natural gas deliveries in the northeast still suffer from lack of pipeline capacity during extreme cold weather periods. AEP-Dayton Hub day-ahead prices reached a maximum of \$196/MWh on both the morning and evening of Jan. 5, while prices on the same day in PPL spiked to \$357/MWh. After 33-straight months of negative congestion from PJM West to PPL Zone, January was the second-straight month with a positive spread. The chart below includes an additional column showing the prices and congestion during the polar vortex month of January 2014.

AVERAGE DAILY RATE COMPARISONS				
	January 2018 \$/MWh	December 2017 \$/MWh	January 2017 \$/MWh	January 2014 \$/MWh
A/D Hub 7x24 Price	\$52.58	\$31.66	\$29.48	\$85.12
PJM West 7x24 Price	\$72.91	\$36.70	\$31.24	\$132.05
A/D to AMP-ATSI Congestion/Losses	\$9.83	\$1.69	\$0.97	\$7.85
A/D to Blue Ridge Congestion/Losses	\$34.93	\$0.34	\$1.68	\$27.23
A/D to PJM West Congestion/Losses	\$20.32	\$5.04	\$1.76	\$46.92
PJM West to PP&L Congestion/Losses	\$11.30	\$2.64	-\$0.62	\$35.35
IND Hub to A/D Hub Congestion/Losses	\$11.90	\$2.78	-\$1.81	\$21.27

Energy markets update

By Jerry Willman - assistant vice president of energy marketing

The March 2018 natural gas contract decreased \$0.139/MMBtu to close at \$2.856 yesterday. The EIA reported a withdrawal of 99 Bcf for the week ending Jan. 26. Market consensus for this week was a withdrawal of 102 Bcf. Gas in storage now stands at 2,197 Bcf. This is 16 percent under the five year average of 2,622 Bcf. Gas in storage for this week one year ago was 2,723 Bcf.

On-peak power prices for 2019 at AD Hub closed yesterday at \$33.90/MWh which was \$.35/MWh lower for the week.

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

Week ending Feb. 2

MON	TUE	WED	THU	FRI
\$37.65	\$42.36	\$38.87	\$30.15	\$48.47

Week ending Jan. 26

MON	TUE	WED	THU	FRI
\$25.29	\$26.14	\$32.49	\$38.39	\$30.15

AEP/Dayton 2019 5x16 price as of Feb. 1 — \$33.90

AEP/Dayton 2019 5x16 price as of Jan. 25 — \$34.25

AFEC weekly update

By Jerry Willman

The Fremont Energy Center was 100 percent available for the week. The plant was online all day Saturday, cycled offline Sunday overnight and then remained online through Tuesday. The plant cycled offline on Wednesday and Thursday morning, but operated for the balance of the day. However, PJM transmission constraints limited the output of the plant for each of those days and the plant operated near its low operating limit. Duct firing operated for eight hours this week. The plant generated at a 56 percent capacity factor (based on 675 MW rating).

Register now for Webinars

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

- Workforce Series: Beyond Rhetoric: Hands-On Workforce Diversity **Feb. 8**
- Governance Series: Understand Board Roles and Responsibilities **Feb. 14**
- Electric Utility 101 Series: Exploring Electric Utility Rules and Regulations **Feb. 22**
- Workforce Series: The High Cost of Low Wages: Why Competitive Pay Matters **March 1**
- Governance Series: Know Your Statutory and Fiduciary Duties **March 7**



Classifieds

City of Bowling Green seeks applicants for meter technician

The City of Bowling Green Electric Division is seeking applicants for the position of meter technician. This hourly, full-time position is responsible for providing the Utility Business Office with accurate readings for billing purposes; turning electric meters on and off; setting and verifying new electric services and offering customer service; and locating all city-owned underground lines and wires. Additionally, this position reads electric meters, as required; rechecks high and low meter readings; assists meter technician II, meter specialist and other personnel as necessary; delivers final notices to customers; reports damaged meters to the Electric Division and assigns new accounts to routes; loads and unloads route information using the city computer system; interacts with public, provides customer service to customers, general public and other staff; may work under supervision of other division personnel; maintains vehicles; locates

all city-owned underground wires and lines; sets and verifies new single phase services at homes and apartments; performs service orders and electric connects and disconnects; assists the Utility Business Office; performs other related duties as assigned. A copy of the job description will be provided to applicants.

Interested persons **must** complete the application materials that are available online in the [employment opportunities](#) section www.bgoohio.org and in the Personnel Department. Resumes may be included, but will not substitute for a completed application. Applications must be completed and returned to the Personnel Department, City of Bowling Green, 304 N. Church St., Bowling Green, Ohio 43402. Telephone: 419.354.6200; email: BGPpersonnel@bgoohio.org. Office hours: Monday through Friday, 8:00 a.m. to 4:30 p.m.

The deadline to submit all application materials is Feb. 23, 2018, at 4:30 p.m. AA/EEO.

Village of Montpelier Police Department accepting applications

The Village of Montpelier Police Department is accepting applications, including a resume, until Wednesday, Feb. 14, 2018, at noon. Applicants who do not submit materials before the deadline will not qualify to take the exam.

Applications may be downloaded at www.montpelieroh.net/police/forms.html or picked up at the Montpelier Police Department, 221 Empire St., Montpelier, Ohio 43543. Applications must be filled out in their entirety.

The Village of Montpelier offers a competitive benefit package, including the Ohio Police and Fireman Retirement System. Candidates must be OPTOA certified by the time of hire and have a valid Ohio driver's license. Starting wage is \$15 per hour, flexible based on previous experience.

Exam information

Where: Montpelier Police Department conference room, 221 Empire St., Montpelier, Ohio 43543

When: Saturday, Feb. 17, 2018

Time: 10:00 a.m.

Candidates will go through a complete interview, testing and background process. Contact Chief Dan McGee at 419.485.3121 with any questions.

City of Hamilton seeks applicants for two positions

Energy management administrator

The City of Hamilton is seeking applicants for the position of energy management administrator in the Public Utilities Department. This position is responsible for difficult professional and administrative work in planning, organizing and coordinating energy procurement, financial and operational planning, and analysis and budgeting functions for the Infrastructure Department. Work is performed under the general direction and supervision of the utility business manager, but considerable leeway is granted for the exercise of independent judgement and initiative. This position also assists in procuring natural gas and power supplies for the city, assists with preparation of utility operating and capital budgets, participates in Utility Financings and will perform complex financial analyses for all Infrastructure divisions, as well as support city economic development efforts.

Applicants must hold a bachelor's degree from a college or university of recognized standing in the field of business administration, finance, engineering, computer science or other related field, as well as five years of experience in public utility management and financial analysis.

Applications must be completed by March 26, 2018, at 11:59 p.m., EST. To view the job description or to apply, click [here](#).

Environmental health and safety manager

The City of Hamilton is seeking applicants for the position of environmental health and safety manager in the Public Utilities Department. This position is responsible for compliance with health, safety and environmental regulations at local, state and federal levels; partnering with managers, safety coordinators and associates to ensure the safety of employees, customers and the environment. Work is performed

under the general direction and supervision of the executive director of infrastructure, but considerable leeway is granted for the exercise of independent judgement and initiative.

Applicants must hold a bachelor's degree from a college or university of recognized standing in the field of safety, industrial engineering, industrial hygiene or other related field, as well as five years of experience in developing, implementing and overseeing compliance of OSHA based safety programs, including some experience in regulatory agency reporting.

Applications must be completed by March 26, 2018, at 11:59 p.m., EST. To view the job description or to apply, click [here](#).

Village of Lodi seeks superintendent of utilities

The Village of Lodi is seeking applicants for the position of superintendent of utilities. This position oversees the operations of a water treatment plant, wastewater treatment plant and an electrical distribution system with approximately 1800 utility accounts. Additionally, this position serves as street commissioner and oversees the construction and maintenance of streets and storm sewers. An electrical engineering degree with two to three years of experience is desired. The position is open until filled, with the first review of candidates on Feb. 13, 2018. Salary DOQ with excellent benefits. The Village of Lodi is an equal opportunity employer. Send detailed resume to Annette Geissman, Village of Lodi, P.O. Box 95, Lodi, Ohio 44254 or online to annette.geissman@villageoflodi.com.

City of Clyde to hold civil service examination for certified journeyman-lineman

A civil service examination for the position of Certified Journeyman-Lineman in the City of Clyde, Ohio, will be held at 6:00 p.m. on Monday, Feb. 26, 2018, in the second floor conference room of the Municipal Building at 222 N. Main St., Clyde, Ohio.

Applicants must have completed secondary education or the general education degree (GED) and have one (1) year of on-the-job work experience with high voltage electrical power lines and appurtenances (e.g., transformers, metering equipment, etc.) A copy of certification as a Journeyman-Lineman, along with a current Commercial Drivers License (CDL) Class (A) is also required with the application. Applicant must be willing to obtain a (CDL) Class (A) by the end of the six month probationary period if they do not have one at time of hiring. In addition, applicant must be willing to live within a reasonable distance of the City of Clyde.

If applicable, Military Discharge Records (DD-214 Form) must also accompany the application.

Applications may be obtained at the Clyde Municipal Building beginning Monday, Jan. 22, 2018 at 8:00 a.m. and be returned no later than 4:00 p.m. on Tuesday, Feb. 20, 2018. Register to download applications and instructions for returning all required documents at <http://jobs.clydeohio.org>. EOE/DFWP

City of Galion seeks electrical distribution superintendent

The City of Galion is seeking applicants for the position of electrical distribution superintendent. Position responsibilities include:

- Plans, schedules, organizes, assigns, directs and assists with work of supervisory and operational personnel engaged in electrical maintenance activities, including construction and maintenance of power lines, substations, lighting systems, traffic signals, etc.; instructs subordinates; ensures compliance with safety rules, regulations, practices and procedures; inspects work; evaluates performance, disciplines and commends subordinates;
- Prepares short and long range operating and capital budgets, along with justifications; controls expenditures according to adopted budget; designs electrical systems and prepares cost estimates;
- Meets with electrical manufacturers to discuss purchase of products; maintains electrical inventory; supervises ordering of necessary supplies and equipment;
- Conducts staff meetings and programs, participates in resolving departmental problems pertaining to area responsibility;

- Directs the preparation of reports and the maintenance of records of work performed; maintains personal and professional competence and awareness;
- Maintains required licences and certifications; attends professional education and training sessions; performs other duties as assigned.

Requirements include a bachelor's degree in electrical engineering plus two years of experience as electrical distribution superintendent for city electrical department, or any combination of like education and experience, as well as a valid State of Ohio Commercial Driver's License and completion of Certified Apprenticeship Training Course. Position can be physically demanding.

Resumes must be sent to the attention of Nicole Ward before Feb. 15, 2018, at 301 Harding Way E., Galion, Ohio 44833. EOE.

Montpelier seeking supervisor of administrative services

The Village of Montpelier is taking applications for the position of supervisor of administrative services. The position requires completion of secondary education; minimum of five years of experience in administration and municipal government operations; familiarity with building codes and construction; knowledge of utility systems, ability to examine and interpret blue prints; supervisory training and experience in civil and architectural engineering, including electric, water, wastewater and storm sewer utilities. Will act as the liaison between the village manager and the various village departments. Qualified candidates must possess a valid Ohio driver's license. This is a full-time position with a great benefit package. Application and complete job description may be found online at www.montpelieroh.net/employment_opportunities.html.

Please mail cover letter, resume including references and application to: Village of Montpelier, c/o Kevin Brooks, P.O. Box 148, Montpelier, Ohio 43543. Inquiries should be directed to Kevin Brooks at 419.485.5543. EOE.

Carey seeking two journeymen-linemen

The Village of Carey is seeking applications for two qualified journeymen-linemen with a minimum of four-years experience. The journeyman-lineman role is responsible for operation and routine maintenance of the village transmission, substation and distribution system. Applicant must possess a high school diploma or GED, and a valid class B, CDL license with air brakes or obtain same within six months of hire date. Knowledge of overhead and underground primary distribution lines required. May require pole climbing and operation and use of a bucket truck, digger truck, trencher or other required equipment.

Position requires a 30-minute response time to call out emergencies including: holidays, weekends and standby time in rotation with other department members.

Position requires varied integrated additional duties to include but not limited to: snow removal, tree trimming to clear power lines and other general maintenance duties. Any of the above may require working in inclement weather.

Applications may be obtained at the village offices, 127 N. Vance St., Carey, Ohio 43316, weekdays from 8 a.m. until 5 p.m. Candidates should return applications with resume and all supporting documentation helpful in consideration of employment to the attention of the Village Administrator. EOE / Drug testing. Applications will be accepted until positions are filled.

Pay range \$23.75 - \$26.25.

Napoleon seeks staff engineer/licensed staff engineer

The City of Napoleon is currently accepting applications for the position of staff engineer/licensed staff engineer. This position is primarily from an accredited engineering school of recognized standing, with a Bachelor of Science in Civil Engineering (B.S.C.E.) or related field required. Applicants must also possess or be able to obtain within one year, a Fundamentals of Engineering (F.E.) or Engineer in Training (E.I.T.) certificate, or a Professional Engineer (P.E.) license.

A valid state of Ohio driver's license is required. Applications may be obtained beginning Monday, Jan. 15, 2018, between 7:30 a.m. and 4 p.m. from the City of Napoleon's Administration building at 255 W. Riverview Ave., P.O. Box 151, Napoleon, Ohio 43545, or from the city website at www.napoleonohio.com. A properly completed and notarized application must be returned to the above address by 4 p.m. on Thursday, Feb. 15, 2018, in order to be considered. Applications submitted without following the above requirements will not be considered for employment. EOE

Opportunities available at AMP

AMP is seeking applicants for the following positions:

Generation specialist - reporting location available in Belleville, Cincinnati, Columbus or Fremont

For complete job descriptions, please visit the "careers" section of the [AMP website](http://www.amppartners.org).

American Municipal Power, Inc.

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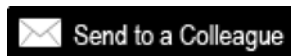


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Legislative Bulletin

February 9, 2018

OML UPDATE AT-A-GLANCE

Here are the top 3 things you need to know this week:

- The U.S. Bureau of Labor Statistics is reporting that the country added 200,000 jobs in January, keeping the national unemployment rate at 4.1% for four consecutive months.
- Have you been hearing about the Ohio Legislature's redistricting efforts and wondered what the criteria are? Here's the breakdown in numbers: the current plan requires maps have a maximum of 65 counties with no splits, 18 counties with only one split, and 5 counties that have two splits through them.
- The Ohio Department of Transportation reports that before this week's big "winter event", they have used 55,000 tons of road salt this winter. The average amount of road salt used each winter is approximately 75,000 tons.

OHIO LEGISLATURE SENDS CONGRESSIONAL REDISTRICTING BALLOT MEASURE TO PRIMARY VOTERS

Ohio was on the national stage this week as members of the Ohio Legislature participated in what many are calling an "historic moment" as the issue of fair elections and the gerrymandering of congressional districts was addressed in a bi-partisan manner through the ratification of Senate Joint Resolution 5.

By Tuesday night, by a vote of 31-0 in the Senate and 83-10 in the House, the Legislature voted to place the redistricting proposal on the May primary ballot, for Ohio voters to decide if this proposal is better than the previous guidelines established in 2011, when the last map was drawn that gave Republicans control of 12 of the 16 Ohio congressional districts.

The effort that will be placed before Ohio voters to decide is significant not only because of the ability of politically polarized interests to reach significant and meaningful compromises on how congressional elections will work in the state, but also

because of the degree of influence minority parties will have in the drawing of future congressional districts.

The provisions included in the resolution calls for a three-tiered process, largely keeping the power to draw districts within the Legislature by providing the following:

- The Ohio General Assembly will be tasked with drawing a 10-year map that must be approved by a supermajority or three-fifths of both chambers of the legislature-including the support of 50% of the minority party-when the first attempt is made.
- Should that fail, the Ohio Redistricting Commission would then have the chance to draw a 10-year map which must merit the approval of two minority members on the commission.
- If that does not work, it heads back to the General Assembly, where a 10-year map must be supported by at least one-third of the minority party.
- If that effort fails, the Legislature would then have to pass first a four-year then a six-year map that meets even stricter requirements ensuring no incumbent or party are favored, that political subdivisions are no "unduly split", and that each district strives for compactness.

By this structure, the incentive is significant for the majority party to work closely with members of the minority party so that the first attempt at drawing a map is successful. The Legislature's role in congressional redistricting reform is done for now; it is up to the voters this May to decide whether or not to approve the resolution.

BILL TO REDUCE LGF REVENUE FOR USE OF RED LIGHT CAMERAS VOTED OUT OF COMMITTEE

Another bill that violates local Home Rule authority over the use of red light traffic cameras has been voted out of a House committee this week. HB 410, sponsored by Rep. Seitz (R - Cincinnati) and Rep. Butler (R - Oakwood), would among other things, grant municipal and county courts original and exclusive jurisdiction over any civil action concerning a traffic law violation, specify that the court require an advance deposit for the filing of specified civil actions by the local authority bringing the civil action, and modify the reporting requirements and LGF withholding that apply to subdivisions that operate traffic law photo-monitoring devices.

Specifically, HB 410 removes from cities and villages their right to use administrative hearings for civil citations issued via traffic cameras, which is an effective and financially-responsible means of providing a hearing process - particularly for Ohio's small villages - and mandates a municipality file a civil action and make an advanced deposit for the court's cost and fees. The League opposes this language because it will place an undue financial burden on municipalities. In July, the Ohio Supreme Court struck down portions of SB 342 from the 130th General Assembly, granting municipalities the constitutional authority to operate and issue citations from traffic cameras. HB 410 unnecessarily relitigates an issue that has already been decided by the highest court in the state.

Perhaps the most damaging provision mandates municipalities using traffic cameras to file an annual report with the state tax commissioner with the total revenues collected from the devices so their Local Government Fund (LGF) distribution can be reduced

accordingly. HB 410 would punish municipalities who use that right by further depleting the revenues they need to ensure safety and provide local services.

During its fourth hearing before the House Government Accountability and Oversight Committee, the bill was voted out with one dissenting vote. The bill awaits action by the full House where it will then be sent to the Ohio Senate to begin the committee hearing process in that chamber.

The League urges our members to contact their members of the Ohio House and request that they honor the Ohio Supreme Court's ruling and respect municipal Home Rule authority by not voting in favor of the bill. We also ask that you contact your member of the Senate and tell them of the misdirection the proposal represents and urge their opposition.

SMALL CELL WIRELESS INFRASTRUCTURE BILL CONTINUES IN COMMITTEE HEARINGS

HB 478, the bill overhauling the regulations governing the installation of small cell wireless infrastructure in municipalities' right-of-way, continued to receive testimony in this week's committee hearings. The bill is sponsored by Rep. Smith (R - Bidwell) and Rep. LaTourette (R - Chesterland) and would modify the law regarding wireless service and the placement of small cell wireless facilities in the public way.

The House Government Accountability and Oversight Committee held a fourth hearing on the bill this week. Written testimony was submitted by the Columbus Chamber of Commerce supporting the bill, praising it for supplying a more uniform set of regulations that will aide in the deployment of small cell technology throughout the state. Cleveland Mayor Frank Jackson wrote in his submitted testimony that he was concerned about the bill's limits on local control. The League is supportive of this legislation, and we will continue to report on its progress as it moves through the legislative process.

DEPARTMENT OF COMMERCE TO ANNOUNCE MEDICAL MARIJUANA PROCESSING AND DISPENSARY LICENSES THIS SPRING

The Ohio Department of Commerce will be announcing the recipients of marijuana processing, testing lab and dispensary provisional licenses this spring. The department received 104 applications for processing licenses; the state has set the limit of licenses to be awarded at 40. There is no limit on the amount of testing lab licenses the department can award, and so far, 9 applications have been received - including two from public universities or colleges. This spring will also see the announcement of provisional dispensary licenses; 376 applications have been submitted for the 60 available initial licenses.

The application review process is taking place while the department is also receiving requests for 70 different administrative hearings from marijuana grower applications, which were awarded last year. Many of the 184 initial applicants for the 24 available provisional licenses are alleging that there are concerns with the process. Months of hearings are expecting to be scheduled to review whether or not any applicants were unfairly denied a license.

Meanwhile, the Marijuana Business Daily is reporting that sales of medical marijuana in the state could total to an estimated \$400 million a year. This projection comes alongside a separate projection from Arcview Market Researching, which is tracking marijuana data nationwide. The legal marijuana industry across the U.S. is projected to

grow from \$6.7 billion in 2016 to \$22.6 billion by 2021.

For more information about the medical marijuana licensing process - and the new toll-free hotline being developed by the Pharmacy Board - you can visit the Department of Commerce's website at <https://www.medicalmarijuana.ohio.gov/>.

STATE EMERGENCY RESPONSE COMMISSION (SERC) SEEKING MUNICIPAL REPRESENTATIVE

The State Emergency Response Commission (SERC) is seeking a two-year, non-paid member who is a representative from a municipal corporation. The 19-member commission, co-chaired by Ohio EPA and the Ohio Department of Public Safety, oversees the implementation of the Emergency Planning and Community Right-to-Know program in Ohio. The program requires anyone who stores, uses or generates hazardous materials to report the material's location and volume to SERC, the local emergency planning committee (LEPC) and the local fire department. Communities must prepare plans for how to deal with emergencies involving these hazardous substances. Commission members consist of representatives from state agencies, local governments, environmental groups and industry.

Ohio's State Emergency Response Commission (SERC) meets at 1:15 to 3:00 p.m. on the second Wednesday's in the months of February, April, June, August, October and December at the Ohio Emergency Management Agency, 2855 West Dublin-Granville Road, Columbus, Ohio. If you are interested in applying for the commission, you can apply online with the Governor's Office of Boards and Commissions at <http://governor.ohio.gov/Administration/Boards-and-Commissions>.

BILLS OF MUNICIPAL INTEREST HEARD IN COMMITTEE THIS WEEK

- **HB 378 - BROADBAND GRANTS.** Sponsored by Rep. Smith (R - Bidwell) and Rep. Cera (D - Bellaire), the bill would create the Ohio Broadband Development Grant Program and make an appropriation. During its third hearing before the House Finance Committee, proponents from rural areas, businesses and local governments offered proponent testimony supporting the bill. The League is supportive of this legislation.
- **HB 221 - WATER/SEWER PROJECTS.** This bill, sponsored by Rep. Holmes (D - Girard), would expressly include, as eligible projects under the State Capital Improvements Program administered by the Ohio Public Works Commission, water and sewer laterals located on private property. During its first hearing before the House Finance Committee, proponents from various water districts and boards of association supported codifying existing Ohio Public Works Commission policy. The League is supportive of this bill, as it is permissive for municipalities.
- **HB 415 - LOCAL ROAD IMPROVEMENTS.** Sponsored by Rep. Greenspan (R - Westlake), this bill would allocate one-half of any surplus revenue to a new Local Government Road Improvement Fund, from which money will be distributed directly to local governments to fund road improvements. During its fourth hearing before the House State and Local Government Committee, the bill was voted out of committee 11-0. The League is supportive of this bill.

- **HB 314 - SAFETY TAX CREDIT.** Sponsored by Rep. Schaffer (R - Lancaster), this bill would allow an income tax credit for law enforcement officials who purchase safety or protective items to be used in the course of official law enforcement activities. During its second hearing before the House State and Local Government Committee, the Fraternal Order of Police and Baltimore Chief of Police Michael Tussey offered proponent testimony supporting the bill's measure to provide financial assistance in purchasing necessary safety equipment not offered by agencies - especially in smaller political subdivisions. The League is currently interested party on this bill.
- **HB 470 - LOCAL LIGHTING FUNDS.** This bill, sponsored by Rep. Edwards (R - Nelsonville), would authorize a property tax levy specifically to fund lighting for roads and public places. During its first hearing before the House State and Local Government Committee, Rep. Edwards explained in his sponsor testimony that this bill would grant municipalities to use money in their general funds for specific needs by letting voters know exactly how their tax dollars will be spent and by letting those decisions be made locally. The League is supportive of this bill.
- **HB 168 - CEMETERY REGISTRATION.** Sponsored by Rep. Stein (R - Norwalk), this bill would modify duties of the Division of Real Estate in the Department of Commerce regarding cemetery registration, specify cemetery owners must reasonably maintain cemeteries, establish the Cemetery Grant Program, and make an appropriation. During its third hearing before the Senate Finance Committee, no testimony was offered in opposition to the bill. The League is supportive of this legislation.
- **HB 251 - BOND MATURATION.** This bill, sponsored by Rep. Greenspan (R - Westlake), would increase from five to ten years the maturity period of other political subdivision's bonds and obligations eligible for investment of a subdivision's interim moneys, a county's inactive moneys, and money in the county public library fund. During its third hearing before the Senate Finance Committee, the League's Executive Director, Kent Scarrett, offered written proponent testimony supporting the bill for allowing municipalities the opportunity to generate more revenue via investments and thus fund the services they provide to their communities.
- **HB 382 - UNEMPLOYMENT COMPENSATION LAW.** This bill, sponsored by Rep. Schuring (R - Canton), would modify terms describing payments made under the Unemployment Compensation Law, increase the amount of wages subject to unemployment compensation premiums, require qualifying employees to make payments to the Unemployment Compensation Insurance Fund, allow the Director of Job and Family Services to adjust maximum weekly benefit amounts, reduce the maximum number of benefit weeks, and make other changes to the Unemployment Compensation Law. During its thirteenth hearing before the

House Government Accountability and Oversight Committee, no testimony was given. The League is neutral on this bill.

- **HJR 4 - UNEMPLOYMENT COMPENSATION BONDS.** Also sponsored by Rep. Schuring (R - Canton), this joint resolution would enact Section 2t of Article VIII of the Constitution of the State of Ohio to allow the General Assembly to provide by law for the issuance of bonds to pay unemployment compensation benefits when the fund created for that purpose is or will be depleted or to repay outstanding advances made by the federal government to the unemployment compensation program. During its thirteenth hearing before the House Government Accountability and Oversight Committee, no testimony was given on the bill. The League is neutral on this legislation.
- **SB 127 - WASTE COLLECTION VEHICLES.** Sponsored by Sen. LaRose (R - Hudson), this bill would require motor vehicle operators to take certain actions upon approaching a stationary waste collection vehicle collecting refuse on a roadside. During its second hearing before the House Government Accountability and Oversight Committee, proponent testimony was given by representatives from Waste Management and the Buckeye Chapter of the Solid Waste Association of North America, citing the bill's efforts to prevent accidents that have gravely injured sanitation workers due to distracted driving. The League is supportive of this bill.

COMMITTEE SCHEDULE FOR THE WEEK OF FEBRUARY 11, 2018

Tuesday, February 13, 2018

HOUSE CRIMINAL JUSTICE

Tue., Feb. 13, 2018, 1:30 PM, Hearing Room 114

Rep. Manning: 614-644-5076

HB278** LAW ENFORCEMENT VEHICULAR ASSAULT (PATTON T, KELLY B) To include negligently causing serious physical harm to a law enforcement officer while operating a motor vehicle or other specified mode of transportation as a violation of the offense of vehicular assault.

Third Hearing, All Testimony, SUBSTITUTE BILL

Wednesday, February 14, 2018

HOUSE STATE AND LOCAL GOVERNMENT

Wed., Feb. 14, 2018, 2:30 PM, Hearing Room 017

Rep. Anielski: 614-644-6041

OR 10 MINUTES AFTER SESSION

HB314** LAW ENFORCEMENT TAX CREDIT (SCHAFER T) To allow an income tax credit for law enforcement officials who purchase safety or protective items to be used in the course of official law enforcement activities.

Third Hearing, All Testimony, AMENDMENTS/POSSIBLE VOTE

Report(s): My Tracked Bills**HB470****

TAX LEVY-PUBLIC LIGHTING (EDWARDS J) To authorize a property tax levy specifically to fund lighting for roads and public places.

Second Hearing, All Testimony

**CHECK OUR WEBSITE MONDAY FOR ANY CHANGES TO THE
COMMITTEE SCHEDULE**

Up Coming Meetings & Events

Mayor's Court Initial Training Program	January FULL February 14 & 15	<u>Registration Information</u>
Newly Elected Council Training Seminars	February 24, March 3 & 24	<u>Registration Information</u>
OCMA Winter Conference and ICMA Midwest Conference	March 7th ~ 9th, 2018	<u>Registration Information</u>

Ohio Municipal League

Legislative Inquires:

Kent Scarrett, Executive DirectorEdward Albright, Deputy DirectorAshley Brewster, Director of CommunicationsRachel Massoud, Legislative Advocate

Website/Bulletin Issues:

Zoë Wade, Office Manager