

NOVEMBER 2018

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4 Daylight Saving Time Ends	5 7:00 pm- City Council	6 Election Day	7 6:30 pm- Parks & Rec Board Meeting	8	9 8:00 am Council Special Mtg. Review of 2019 Budget	10 8:00 am Council Special Mtg. Review of 2019 Budget
11 Veterans Day	12 6:15 pm - BOPA 6:30 pm - Municipal Properties/ED Comm.	13 5:00 pm Preservation Comm.	14 7:00 pm Swimming Pool Aquatic Facility Comm.	15	16	17
18	19 6:00 pm - Parks & Rec Committee 7:00 pm – City Council	20	21	22 Thanksgiving Day CITY OFFICES CLOSED	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 Meeting	29	30	



City of Napoleon, Ohio

255 West Riverview Avenue, P.O. Box 151

Napoleon, OH 43545

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Memorandum

To: City Council, Mayor, City Law Director, City Manager, Department Supervisors, Newsmedia
From: Gregory J. Heath, Finance Director/Clerk of Council
Date: November 08, 2018
Subject: Electric Committee – Cancellation

pg 4/cp

The regularly scheduled meeting of the ELECTRIC COMMITTEE for Monday, November 12, 2018 at 6:15 pm has been *canceled* at the direction of the chair.



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Memorandum

To: City Council, Mayor, City Law Director, City Manager, Department Supervisors, Newsmedia
From: Gregory J. Heath, Finance Director/Clerk of Council
Date: November 09, 2018
Subject: Water, Sewer, Refuse, Recycling and Litter Committee – Cancellation

dgH/ep

The regularly scheduled meeting of the **Water, Sewer, Refuse, Recycling and Litter Committee** for Monday, November 12, 2018 at 7:00 pm has been CANCELED at the direction of the chair.

City of Napoleon, Ohio

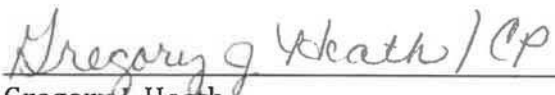
BOARD OF PUBLIC AFFAIRS

Meeting Agenda

Monday, November 12, 2018 at 6:15 pm

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

- 1) Approval of Minutes: October 08, 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 November 2018: PSCAF – three (3) month averaged factor \$0.01500
JV2 \$0.026645
JV5 \$0.026645
- 3) Electric Department Reports.
- 4) Water Treatment Plant Solids Management *(Tabled).*
- 5) Any other matters to come before the Board.
- 6) Adjournment.



Gregory J. Heath
Finance Director/Clerk of Council

BOARD OF PUBLIC AFFAIRS

Monday, October 08, 2018 at 6:15 pm

Elec. Committee Member

Dr. David Cordes-Chair, Mike DeWit, Rory Prigge
Joseph D. Bialorucki-Acting Chair, Lori Siclair
Joel L. Mazur
Christine Peddicord
Roxanne Dietrich
Dennis P. Clapp, Electric Distribution Superintendent

Call to Order

Dr. Cordes, Chair of the Board of Public Affairs, called the meeting to order at 6:15 pm.

Approval of Minutes

Hearing no corrections or objections, the minutes from the September 10, 2018 meeting stand approved.

Motion to Approve the October 2018 PSCAF

Motion: DeWit Second: Prigge
to approve the October 2018 PSCAF as three month averaged factor \$0.01451,
JV2 \$0.027145 and JV5 \$0.027145.

Discussion

Mazur informed the BOPA and Electric Committee starting in 2019 there will not be separate bills for the JV units. This was the August billing and we had high usage with a new high being set on August 27th at 31.9 mg and the second highest on the following day, August 28th of 31.2 mg, the peak was between 7:00 pm – 8:00 pm, 31.9 mg will be the determinant used for next year's transmission rates.

Passed

Roll call vote on the above motion:

Yea-3

Yea-Prigge, DeWit, Dr. Cordes

Nay-0

Nay-

Status of Transmission Ownership

Mazur reported the documents have been finalized for the sale of our assets and we cleared just over 1 million dollars, that money will go towards paying down the AMP Solar Field debt which is around \$1.8 million. We are in the process of developing an operations and maintenance plan with AMP where we will get paid to continue maintaining the assets and AMP will be able to recover that in transmission rates.

AMP Peak Shaving Project

Mazur stated AMP recommends Napoleon take up to 6.9 MW on the peak shaving project, my recommendation would be to only take 4 MW, with technology changes coming down the road, ie. battery storage, taking the MW

**Electric Department
Reports**

recommended by AMP would limit us. I will have AMP at a future meeting to explain the project. DeWit asked why we can't use the diesel units we own? Mazur said we do this would be purely economics. DeWit suggested if we would consider this project that we start with one that we can start ourselves here in Napoleon. Dr. Cordes asked if we have enough peak shaving behind our meters why be involved with the peak shaving project? Mazur replied, it is purely economics there will be no benefit to Napoleon until our units start getting older, the JV2 unit was built around 1994. Clapp said the units have a lot of age but have been upgraded.

Clapp reported there was an unusual amount of outages caused by animals in September.

Citizen Concern

Chairman Comadoll stated there is a customer here tonight that would like to speak to the committee about a complaint he has. Billie Karr said he lives in Woodlawn Grove and is being charged \$34.92 for sewer, there is a \$9.00 charge to send out the bill and there is a sewer lateral charge of \$2.10, I have had bills as high as \$70 for sewer what is going on that doesn't seem right, how can they continue to get away with this? Comadoll responded there will have to be some research done. Mr. Karr said when we try to talk to them and ask about the charges no one will give you an answer all they say is "I don't know". There are a lot of retired people in there on a fixed income. If you are one day late you are charged \$9.00, one customer had a bill that said he owed nothing but got charged \$9.00 and was told to pay or their water would be shut off. Mazur said the best way to get an answer is to bring your bill to the Finance Department customer desk and someone can walk through the bill with you and explain everything. Mr. Karr told Mazur the sewer bill is not from the town our water and sewer is being billed privately, it is coming through Midwest Billing not the town. Another concern of the residents is they put in water meters with heat tape and said we are responsible for the water meter plate on the bottom if that freezes, the plate cost less than \$8.00 we were charged \$65 to put the plate on plus another \$55 for labor they are beating the older people up. Dr. Cordes asked if the bills are administered by us or the trailer park. Mr. Karr replied Midwest Billing for the trailer park. Mazur explained we charge the customer/owner on our end at the master meter, they handle their own internal billing, what they do beyond that we have not control. Mr. Karr asked if they have the right to charge us more than what you charge them? DeWit said there should be state laws. Mazur said they do have to maintain the water and sewer lines, you can stop in the Finance Department and someone will try to help you. DeWit said this is like a mini-satellite inside the corporation limits, this is the first time we've had an issue like this. Mr. Karr said there are sixty-three upset families about the costs getting higher, we are not getting the service you give your people we get no snow removal, we pay city taxes, after heavy rains you cannot drive down your street they are flooded. DeWit stated if there was a fire we would have to be able to get the equipment down there. Dr. Cordes said we are limited on what we can do to help the water we sell stops at the meter.

**Water Rate Study
Update**

John Courtney from Courtney and Associates gave a presentation on the 2018 Water Rate Study Update, before he began he noted, "for what it is worth about

that prior discussion, there are certain limitations on what landlords can recoup in the way of utility costs from tenants, might want to look at some legal advice on that”.

2018 Water Rate Study Update

John Courtney stated now that the Water Treatment Plant Rehab Project is almost complete, we were asked to update the revenue requirements from the 2016 Water Rate Study. Since 2015 there have been some significant changes, water sales dropped nearly 11% with a 7% reduction in projected revenues, the Water Treatment Plant Rehab debt service costs increased \$54,400, the Operation and Maintenance expenses increased \$32,000, the capital outlay projection decreased by about \$250,000. Napoleon lost two large commercial customers, Buckeye Laundry and B & B Molded Plastics.

The current rates for 2019 are: Resident \$10.13/ccf, Commercial \$8.33/ccf, Industrial \$6.38/ccf and Wholesale \$7.10/ccf.

2019 Projections: water sales about - 462,000 hundred cubic feet, revenue about - \$3,850,000, existing debt service - \$590,000

Total Projected Revenue for 2019 - \$3,653,000

Conclusion - the rate increase in 2019 is sufficient to meet the requirements there is no reason to increase rates; however, you may want to address this again next year after the plant has been operational for a year. Mazur added we overshot the projections on the electric usage but underestimated what we would spend on chemicals.

Motion to Untable Discussion on Yard Waste Site

Motion: Prigge Second: DeWit
to un-table discussion on Yard Waste Site.

**Passed
Yea-3
Nay-0**

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

Discussion

Mazur reported we had a request to address the Yard Waste Site Policy since the County Commissioners are no longer paying the \$4,100 a year for the county residents to use the City Yard Waste Site. Mazur read the proposed Yard Waste Site Policy (copy is attached hereto). City Law Director Harmon read the penalty section noting any violation would be a minor misdemeanor with a maximum fine of up to \$150. DeWit's concern is with enforcing, we have no way to enforce and from what I've heard, there are a lot of people in the county who are not happy about this, I do not like laws you cannot enforce. Mazur responded the most cost effective way will be to do spot checks. Dr. Cordes asked if someone gets caught can they have the option to either pay the \$5.00/month for a year or to pay the fine, could be an incentive but then how do you figure out if they paid? Bialorucki asked why the set hours, have there been people out there at night causing problems? Mazur replied that is for enforcement purposes. DeWit said he would like the fine dropped down to \$50. Harmon stated his preference is \$150 that gives me discretion to move around. DeWit confirmed if approved, this will be posted? Mazur said “yes”.

**Motion to Accept the
Yard Waste Site Policy as
Presented**

Motion: Dr. Cordes Second: Prigge
to accept the Yard Waste Site Policy as presented by the City Manager.

Passed
Yea-3
Nay-0

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

**Solids Management at
the Water Treatment
Plant**

Mazur stated as noted before, the solids being discharged from the WTP are disruptive to the process at the wastewater treatment plant. Solids management should have been a part of the original portion of the Water Treatment Plant Rehab Project and handled as required of any other industrial customer with the solids being pre-treated. This will be an add-on cost and it is my recommendation we move forward with a plan we are still researching what would be the best method. The best way to manage would be to have nothing sent to the WWTP; but to have the water turned back over into the intake and recycled back through the water treatment process, this would probably have less solids and be cleaner water than what is coming in from the river, in theory, in the end you would be spend less treating the water. We knew there would be solids coming through; however, the estimates by the design engineer were grossly underestimated. A short term solution would be to clean out the lagoon until we come up with a strategy, there is \$40,000 budgeted for lagoon cleaning.

**Motion to Table
Discussion on Solids
Management at WTP**

Motion: Prigge Second: Dr. Cordes
to table discussion on solids management at the WTP.

Passed
Yea-3
Nay-0

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

Other Matters

None.

Motion to Adjourn

Motion: DeWit Second: Prigge
to adjourn the Board of Public Affairs meeting at 7:55 pm.

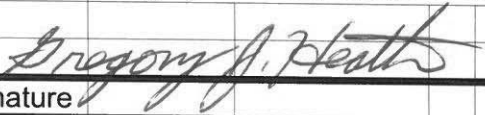
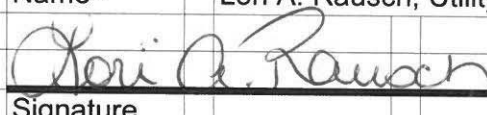
Passed
Yea-3
Nay-0

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

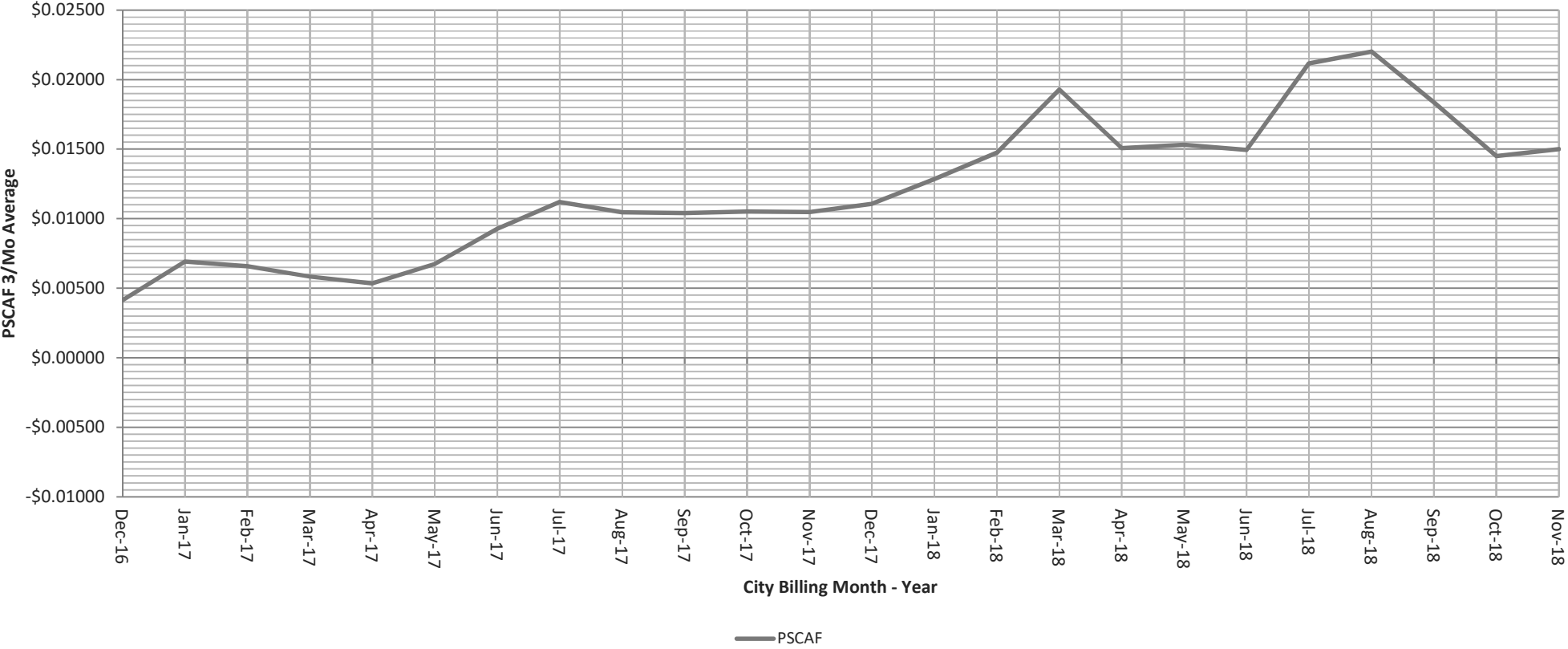
Approved

November 12, 2018

Dr. Cordes - Chair

CITY OF NAPOLEON, OHIO - PSCAF										
POWER SUPPLY COST ADJUSTMENT FACTOR (PSCAF) - COMPUTATION OF MONTHLY PSCAF										
COMPUTATIONS WITH CORRECTED DATA FROM JULY, 2015, THROUGH MARCH, 2017										
AMP Billed Usage Month	PSCAF City Billing Month	AMP - kWh Delivered As Listed on AMP Invoices	Purchased Power Supply Costs (*=Net of Known) (+ OR - Other Cr's)	Rolling 3-Month Totals Current + Prior 2 Months		Rolling 3 Month Average Cost	Less: Fixed Base Power Supply Cost	PSCA Dollar Difference + or (-)	PSCA-Corrt'd. 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	
Jan'17	Mar '17	13,656,702	*\$ 1,025,645.91	39,704,605	\$ 3,071,724.62	\$ 0.07736	\$ (0.07194)	\$ 0.00542	\$ 0.00583	
Feb'17	Apr '17	11,866,614	*\$ 912,320.61	39,351,127	\$ 3,027,464.30	\$ 0.07693	\$ (0.07194)	\$ 0.00499	\$ 0.00536	
Mar'17	May '17	12,936,492	\$ 1,069,577.85	38,459,808	\$ 3,007,544.37	\$ 0.07820	\$ (0.07194)	\$ 0.00626	\$ 0.00673	
Apr'17	June '17	11,497,068	\$ 943,085.70	36,300,174	\$ 2,924,984.16	\$ 0.08058	\$ (0.07194)	\$ 0.00864	\$ 0.00929	
May'17	July '17	12,213,395	\$ 1,006,024.23	36,646,955	\$ 3,018,687.78	\$ 0.08237	\$ (0.07194)	\$ 0.01043	\$ 0.01121	
June'17	Aug '17	13,580,367	\$ 1,096,910.02	37,290,830	\$ 3,046,019.95	\$ 0.08168	\$ (0.07194)	\$ 0.00974	\$ 0.01047	
July'17	Sep '17	14,573,346	\$ 1,192,319.89	40,367,108	\$ 3,295,254.14	\$ 0.08163	\$ (0.07194)	\$ 0.00969	\$ 0.01042	
Aug'17	Oct '17	14,326,956	\$ 1,182,800.05	42,480,669	\$ 3,472,029.96	\$ 0.08173	\$ (0.07194)	\$ 0.00979	\$ 0.01052	
Sept'17	Nov'17	12,915,106	\$ 1,041,374.28	41,815,408	\$ 3,416,494.22	\$ 0.08170	\$ (0.07194)	\$ 0.00976	\$ 0.01049	
Oct'17	Dec'17	12,743,776	*\$ 1,064,421.41	39,985,838	\$ 3,288,595.74	\$ 0.08224	\$ (0.07194)	\$ 0.01030	\$ 0.01107	
Nov'17	Jan'18	12,424,075	\$ 1,088,533.30	38,082,957	\$ 3,194,328.99	\$ 0.08388	\$ (0.07194)	\$ 0.01194	\$ 0.01284	
Dec'17	Feb'18	13,391,143	\$ 1,149,912.68	38,558,994	\$ 3,302,867.39	\$ 0.08566	\$ (0.07194)	\$ 0.01372	\$ 0.01475	
Jan'18	Mar'18	13,957,533	\$ 1,336,329.96	39,772,751	\$ 3,574,775.94	\$ 0.08988	\$ (0.07194)	\$ 0.01794	\$ 0.01929	
Feb'18	Apr'18	12,213,852	*\$ 914,897.80	39,562,528	\$ 3,401,140.44	\$ 0.08597	\$ (0.07194)	\$ 0.01403	\$ 0.01508	
Mar'18	May'18	12,894,285	*\$ 1,115,898.14	39,065,670	\$ 3,367,125.90	\$ 0.08619	\$ (0.07194)	\$ 0.01425	\$ 0.01532	
Apr'18	June'18	11,995,837	\$ 1,154,645.74	37,103,974	\$ 3,185,441.68	\$ 0.08585	\$ (0.07194)	\$ 0.01391	\$ 0.01495	
May'18	July'18	12,812,421	\$ 1,184,249.00	37,702,543	\$ 3,454,792.88	\$ 0.09163	\$ (0.07194)	\$ 0.01969	\$ 0.02117	
June'18	Aug'18	13,813,277	\$ 1,230,516.92	38,621,535	\$ 3,569,411.66	\$ 0.09242	\$ (0.07194)	\$ 0.02048	\$ 0.02202	
July'18	Sep'18	15,234,049	\$ 1,312,135.13	41,859,747	\$ 3,726,901.05	\$ 0.08903	\$ (0.07194)	\$ 0.01709	\$ 0.01837	
Aug'18	Oct'18	15,634,242	\$ 1,275,023.19	44,681,568	\$ 3,817,675.24	\$ 0.08544	\$ (0.07194)	\$ 0.01350	\$ 0.01451	
Sep'18	Nov'18	13,195,770	\$ 1,197,316.71	44,064,061	\$ 3,784,475.03	\$ 0.08589	\$ (0.07194)	\$ 0.01395	\$ 0.01500	
* Total Includes Other (-) Credits / (+) Debits in Purchased Power Costs, Not Listed on AMP Billings:										
PSCAF - Preparers Signature:						PSCAF - Reviewers Signature:				
Name -	Gregory J. Heath, Finance Director					Name -	Lori A. Rausch, Utility Billing Administrator			
										
Signature				10/17/2018						10/17/2018
				Date						Date

Power Supply Cost Adjustment Factor - PSCAF



BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - NOVEMBER, 2018									
2018 - NOVEMBER BILLING WITH SEPTEMBER 2018 AMP BILLING PERIOD AND OCTOBER 2018 CITY CONSUMPTION AND BILLING DATA									
PREVIOUS MONTH'S POWER BILLS - PURCHASED POWER KWH AND COST ALLOCATIONS BY DEMAND & ENERGY:									
DATA PERIOD	MONTH / YR	DAYS IN MONTH	MUNICIPAL PEAK						
AMP-Ohio Bill Month	SEPTEMBER, 2018	30	32.810						
City-System Data Month	OCTOBER, 2018	31							
City-Monthly Billing Cycle	NOVEMBER, 2018	30							
	=====CONTRACTED AND OPEN MARKET POWER=====					==PEAKING==	=====HYDRO POWER=====		
(PURCHASED POWER-RESOURCES -> (	AMP CT	FREEMONT	PRAIRIE STATE	MORGAN STNLY.	NORTHERN	JV-2	AMP-HYDRO	MELDAHL-HYDRO	GREENUP HYDRO
(SCHED. @ ATSI	ENERGY	SCHEDULED	SCHED. @ PJMC	REPLMNT.2015-20	POWER	PEAKING	CSW	SCHED. @	SCHED. @
			REPLMT@ PJMC	7x24 @ AD	POOL	SCHED. @ ATSI	SCHED. @ PJMC	MELDAHL BUS	GREENUP BUS
Delivered kWh (On Peak) ->	192,416	5,304,796	3,144,463	2,736,000	294,045	2,170	602,901	103,326	68,038
Delivered kWh (Off Peak) ->					99,889				
Delivered kWh (Replacement/Losses/Offset) ->									
Delivered kWh/Sale (Credits) ->					-2,311,024				
Net Total Delivered kWh as Billed ->	192,416	5,304,796	3,144,463	2,736,000	-1,917,090	2,170	602,901	103,326	68,038
Percent % of Total Power Purchased->	1.4582%	40.2007%	23.8293%	20.7339%	-14.5281%	0.0164%	4.5689%	0.7830%	0.5156%
COST OF PURCHASED POWER:									
DEMAND CHARGES (+Debits)									
Demand Charges	\$31,620.00	\$33,588.73	\$57,642.82			\$636.24	\$213,447.96	\$17,302.32	\$2,258.33
Debt Services (Principal & Interest)		\$44,287.77	\$100,580.99						\$6,468.58
DEMAND CHARGES (-Credits)									
Transmission Charges (Demand-Credits)	-\$48,665.72					-\$891.76			
Capacity Credit	-\$47,748.21	-\$38,151.66	-\$19,510.42			-\$1,125.71	-\$4,315.56	-\$2,312.24	-\$1,225.32
Sub-Total Demand Charges	-\$64,793.93	\$39,724.84	\$138,713.39	\$0.00	\$0.00	-\$1,381.23	\$209,132.40	\$14,990.08	\$7,501.59
ENERGY CHARGES (+Debits):									
Energy Charges - (On Peak)	\$17,423.24	\$133,177.68	\$30,853.27	\$172,231.20	\$15,836.31	\$99.17	\$19,142.12	\$3,280.61	\$231.05
Energy Charges - (Replacement/Off Peak)					\$4,204.49				
Net Congestion, Losses, FTR		\$14,120.70	\$15,824.94	\$5,465.58			\$2,798.96	\$297.54	\$102.69
Transmission Charges (Energy-Debits)			\$36,057.80						
ESPP Charges									
Bill Adjustments (General & Rate Levelization)		-\$289.93	-\$51,151.77			\$66.93			-\$2,826.44
ENERGY CHARGES (-Credits or Adjustments):									
Energy Charges - On Peak (Sale or Rate Stabilization)					-\$71,121.86				
Net Congestion, Losses, FTR					-\$1,355.09				
Bill Adjustments (General & Rate Levelization)							-\$1,055.08	-\$180.82	-\$119.07
Sub-Total Energy Charges	\$17,423.24	\$147,008.45	\$31,584.24	\$177,696.78	-\$52,436.15	\$166.10	\$20,886.00	\$3,397.33	-\$2,611.77
TRANSMISSION & SERVICE CHARGES, MISC.:									
RPM / PJM Charges Capacity - (+Debit)									
RPM / PJM Charges Capacity - (-Credit)									
Service Fees AMP-Dispatch Center - (+Debit/-Credit)									
Service Fees AMP-Part A - (+Debit/-Credit)									
Service Fees AMP-Part B - (+Debit/-Credit)									
Other Charges & Bill Adjustments - (+Debit/-Credit)									
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL NET COST OF PURCHASED POWER	-\$47,370.69	\$186,733.29	\$170,297.63	\$177,696.78	-\$52,436.15	-\$1,215.13	\$230,018.40	\$18,387.41	\$4,889.82
Percent % of Total Power Cost->	-3.9564%	15.5962%	14.2233%	14.8413%	-4.3795%	-0.1015%	19.2112%	1.5357%	0.4084%
Purchased Power Resources - Cost per kWh->	-\$0.246189	\$0.035201	\$0.054158	\$0.064948	-\$0.027352	-\$0.559968	\$0.381519	\$0.177955	\$0.071869

<u>BILLING SUMMARY AND CONS</u>									
2018 - NOVEMBER BILLING WITH SEPTEMBER									
<u>PREVIOUS MONTH'S POWER BILLS - PU</u>									
<u>DATA PERIOD</u>									
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 -
<u>PURCHASED POWER-RESOURCES -> (</u>	<u>HYDRO</u>	<u>HYDRO</u>	<u>WIND</u>	<u>PHASE 1</u>	<u>POWER PLANT</u>	<u>CHARGES</u>	<u>DISPATCH, A & B</u>	<u>CHARGES &</u>	<u>ALL</u>
(	<u>SCHED. @ NYIS</u>	<u>7x24 @ ATSI</u>	<u>SCHED. @ ATSI</u>	<u>SCHED. @ ATSI</u>	<u>2017 - 2020</u>	<u>Other Charges</u>	<u>Other Charges</u>	<u>LEVELIZATION</u>	<u>RESOURCES</u>
Delivered kWh (On Peak) ->	570,271	2,223,360	15,856	116,779	0	0	0	0	15,374,421
Delivered kWh (Off Peak) ->									99,889
Delivered kWh (Replacement/Losses/Offset) ->		32,484							32,484
Delivered kWh/Sale (Credits) ->									-2,311,024
Net Total Delivered kWh as Billed ->	570,271	2,255,844	15,856	116,779	0	0	0	0	13,195,770
Percent % of Total Power Purchased->	4.3216%	17.0952%	0.1202%	0.8850%	0.0000%	0.0000%	0.0000%	0.0000%	99.9999%
								Verification Total - >	100.0000%
<u>COST OF PURCHASED POWER:</u>									
<u>DEMAND CHARGES (+Debits)</u>									
Demand Charges	\$6,498.55	\$34,667.97	\$1,593.83			\$133,034.30			\$532,291.05
Debt Services (Principal & Interest)		\$55,367.84							\$206,705.18
<u>DEMAND CHARGES (-Credits)</u>									
Transmission Charges (Demand-Credits)		-\$13,838.04	-\$46.75						-\$63,442.27
Capacity Credit	-\$4,685.99	-\$15,470.15	-\$99.50						-\$134,644.76
Sub-Total Demand Charges	\$1,812.56	\$60,727.62	\$1,447.58	\$0.00	\$0.00	\$133,034.30	\$0.00	\$0.00	\$540,909.20
<u>ENERGY CHARGES (+Debits):</u>									
Energy Charges - (On Peak)	\$6,627.43	\$46,127.06		\$10,159.80		\$3,960.53			\$459,149.47
Energy Charges - (Replacement/Off Peak)									\$4,204.49
Net Congestion, Losses, FTR	\$4,722.91								\$43,333.32
Transmission Charges (Energy-Debits)									\$36,057.80
ESPP Charges					\$18,012.14				\$18,012.14
Bill Adjustments (General & Rate Levelization)									-\$54,201.21
<u>ENERGY CHARGES (-Credits or Adjustments):</u>									
Energy Charges - On Peak (Sale or Rate Stabilization)									-\$71,121.86
Net Congestion, Losses, FTR									-\$1,355.09
Bill Adjustments (General & Rate Levelization)	-\$6,398.44							\$27,915.00	\$20,161.59
Sub-Total Energy Charges	\$4,951.90	\$46,127.06	\$0.00	\$10,159.80	\$18,012.14	\$3,960.53	\$0.00	\$27,915.00	\$454,240.65
<u>TRANSMISSION & SERVICE CHARGES, MISC.:</u>									
RPM / PJM Charges Capacity - (+Debit)						\$191,300.33			\$191,300.33
RPM / PJM Charges Capacity - (-Credit)									\$0.00
Service Fees AMP-Dispatch Center - (+Debit/-Credit)							\$422.39		\$422.39
Service Fees AMP-Part A - (+Debit/-Credit)							\$2,774.03		\$2,774.03
Service Fees AMP-Part B - (+Debit/-Credit)							\$7,670.11		\$7,670.11
Other Charges & Bill Adjustments - (+Debit/-Credit)									\$0.00
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$191,300.33	\$10,866.53	\$0.00	\$202,166.86
TOTAL NET COST OF PURCHASED POWER	\$6,764.46	\$106,854.68	\$1,447.58	\$10,159.80	\$18,012.14	\$328,295.16	\$10,866.53	\$27,915.00	\$1,197,316.71
Percent % of Total Power Cost->	0.5650%	8.9245%	0.1209%	0.8485%	1.5044%	27.4192%	0.9076%	2.3315%	100.0003%
								Verification Total - >	\$1,197,316.71
Purchased Power Resources - Cost per kWh->	\$0.011862	\$0.047368	\$0.091295	\$0.087000	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.090735
									(Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWH) = JV2 Electric Service Rate - >
									\$0.026645
									(Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWH) = JV5 Electric Service Rate - >
									\$0.026645

BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - NOVEMBER, 2018															
NOVEMBER, 2018															
2018 - NOVEMBER BILLING WITH SEPTEMBER 2018 AMP BILLING PERIOD AND OCTOBER 2018 CITY CONSUMPTION AND BILLING DATA															
Class and/or Schedule	Rate Code	Oct-18 # of Bills	Oct-18 (kWh Usage)	Oct-18 Billed	Billed kVA of Demand	Cost / kWh For Month	Prior 12 Mo Average	Nov-17 # of Bills	Nov-17 (kWh Usage)	Nov-17 Billed	Cost / kWh For Month	Dec-17 # of Bills	Dec-17 (kWh Usage)	Dec-17 Billed	Cost / kWh For Month
Residential (Dom-In)	E1	3,337	3,092,403	\$370,556.00	0	\$0.1198	\$0.1236	3,342	2,183,770	\$258,960.04	\$0.1186	3,343	1,828,366	\$220,986.13	\$0.1209
Residential (Dom-In) w/Ecosmart	E1E	8	6,413	\$774.97	0	\$0.1208	\$0.1253	9	5,189	\$621.37	\$0.1197	9	4,265	\$522.82	\$0.1226
Residential (Dom-In - All Electric)	E2	606	477,141	\$57,716.13	0	\$0.1210	\$0.1216	607	359,718	\$42,973.88	\$0.1195	600	411,193	\$48,798.42	\$0.1187
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	882	\$105.98	0	\$0.1202	\$0.1252	1	498	\$60.45	\$0.1214	1	543	\$65.68	\$0.1210
Total Residential (Domestic)		3,952	3,576,839	\$429,153.08	0	\$0.1200	\$0.1232	3,959	2,549,175	\$302,615.74	\$0.1187	3,953	2,244,367	\$270,373.05	\$0.1205
Residential (Rural-Out)	ER1	783	876,121	\$111,314.51	0	\$0.1271	\$0.1294	782	671,146	\$84,360.08	\$0.1257	780	685,224	\$86,337.74	\$0.1260
Residential (Rural-Out) w/Ecosmart	ER1E	4	3,496	\$452.74	0	\$0.1295	\$0.1326	4	2,317	\$304.24	\$0.1313	4	2,675	\$346.59	\$0.1296
Residential (Rural-Out - All Electric)	ER2	372	450,295	\$56,878.39	0	\$0.1263	\$0.1277	375	356,797	\$44,441.94	\$0.1246	375	403,035	\$49,945.45	\$0.1239
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	1,978	\$253.52	0	\$0.1282	\$0.1281	2	1,712	\$215.25	\$0.1257	2	1,834	\$230.21	\$0.1255
Residential (Rural-Out w/Dmd)	ER3	16	18,482	\$2,340.33	170	\$0.1266	\$0.1216	16	15,601	\$1,938.09	\$0.1242	16	64,428	\$7,518.60	\$0.1167
Residential (Rural-Out - All Electric w/Dmd)	ER4	9	8,778	\$1,125.87	59	\$0.1283	\$0.1258	9	7,142	\$904.42	\$0.1266	9	24,064	\$2,842.60	\$0.1181
Total Residential (Rural)		1,186	1,359,150	\$172,365.36	229	\$0.1268	\$0.1285	1,188	1,054,715	\$132,164.02	\$0.1253	1,186	1,181,260	\$147,221.19	\$0.1246
Commercial (1 Ph-In - No Dmd)	EC2	74	38,826	\$5,982.15	12	\$0.1541	\$0.1568	76	32,527	\$5,050.68	\$0.1553	73	33,935	\$5,213.13	\$0.1536
Commercial (1 Ph-Out - No Dmd)	EC2O	48	7,432	\$1,551.72	0	\$0.2088	\$0.2005	48	7,470	\$1,526.63	\$0.2044	48	7,896	\$1,585.34	\$0.2008
Total Commercial (1 Ph) No Dmd		122	46,258	\$7,533.87	12	\$0.1629	\$0.1651	124	39,997	\$6,577.31	\$0.1644	121	41,831	\$6,798.47	\$0.1625
Commercial (1 Ph-In - w/Demand)	EC1	262	448,290	\$63,411.55	2104	\$0.1415	\$0.1498	260	319,807	\$47,319.16	\$0.1480	261	291,661	\$43,822.32	\$0.1503
Commercial (1 Ph-Out - w/Demand)	EC1O	25	50,388	\$6,718.61	160	\$0.1333	\$0.1361	25	44,645	\$5,891.25	\$0.1320	26	42,872	\$5,729.42	\$0.1336
Total Commercial (1 Ph) w/Demand		287	498,678	\$70,130.16	2,264	\$0.1406	\$0.1481	285	364,452	\$53,210.41	\$0.1460	287	334,533	\$49,551.74	\$0.1481
Commercial (3 Ph-Out - No Dmd)	EC4O	2	40	\$41.25	4	\$1.0313	\$0.1389	2	40	\$41.09	\$1.0273	2	80	\$46.22	\$0.5778
Total Commercial (3 Ph) No Dmd		2	40	\$41.25	4	\$1.0313	\$0.1389	2	40	\$41.09	\$1.0273	2	80	\$46.22	\$0.5778
Commercial (3 Ph-In - w/Demand)	EC3	207	1,898,554	\$247,165.96	6800	\$0.1302	\$0.1324	205	1,517,308	\$193,360.95	\$0.1274	205	1,433,490	\$184,075.24	\$0.1284
Commercial (3 Ph-Out - w/Demand)	EC3O	37	303,888	\$39,846.47	1211	\$0.1311	\$0.1329	38	294,347	\$39,396.29	\$0.1338	38	437,383	\$55,388.91	\$0.1266
Commercial (3 Ph-Out - w/Dmd.&Sub-St)	E3SO	3	122,920	\$14,951.02	432	\$0.1216	\$0.1233	3	129,040	\$15,176.79	\$0.1176	3	111,840	\$13,266.17	\$0.1186
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	8,040	\$998.75	24	\$0.1242	\$0.1384	1	4,360	\$641.13	\$0.1470	1	4,720	\$688.22	\$0.1458
Total Commercial (3 Ph) w/Demand		248	2,333,402	\$302,962.20	8,467	\$0.1298	\$0.1320	247	1,945,055	\$248,575.16	\$0.1278	247	1,987,433	\$253,418.54	\$0.1275
Large Power (In - w/Dmd & Rct)	EL1	20	2,560,069	\$266,286.49	5560	\$0.1040	\$0.1084	20	2,135,368	\$229,141.71	\$0.1073	20	2,168,883	\$222,936.81	\$0.1028
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,114,476	\$107,148.68	2081	\$0.0961	\$0.0985	3	1,135,244	\$106,358.90	\$0.0937	3	1,022,737	\$97,146.25	\$0.0950
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	488,400	\$51,626.25	1088	\$0.1057	\$0.1064	1	550,800	\$53,439.61	\$0.0970	1	540,000	\$52,214.92	\$0.0967
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	79,122	\$14,827.66	547	\$0.1874	\$0.1425	2	76,818	\$10,209.80	\$0.1329	2	88,348	\$8,206.94	\$0.0929
Total Large Power		26	4,242,067	\$439,889.08	9,276	\$0.1037	\$0.1062	26	3,898,230	\$399,150.02	\$0.1024	26	3,819,968	\$380,504.92	\$0.0996
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,112,529	\$101,948.30	1942	\$0.0916	\$0.0947	1	1,112,781	\$97,747.46	\$0.0878	1	1,089,751	\$95,026.41	\$0.0872
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	920,929	\$88,265.27	1825	\$0.0958	\$0.0973	1	957,307	\$86,295.32	\$0.0901	1	793,944	\$73,110.92	\$0.0921
Total Industrial		2	2,033,458	\$190,213.57	3,767	\$0.0935	\$0.0958	2	2,070,088	\$184,042.78	\$0.0889	2	1,883,695	\$168,137.33	\$0.0893
Interdepartmental (In - No Dmd)	ED1	10	27,285	\$3,867.27	159	\$0.1417	\$0.1296	9	30,726	\$3,903.70	\$0.1270	9	35,134	\$4,725.24	\$0.1345
Interdepartmental (Out - w/Dmd)	ED2O	2	387	\$74.91	0	\$0.1936	\$0.1957	2	365	\$70.56	\$0.1933	2	269	\$58.51	\$0.2175
Interdepartmental (In - w/Dmd)	ED2	28	20,986	\$3,091.87	0	\$0.1473	\$0.1401	26	22,151	\$3,130.33	\$0.1413	28	44,216	\$5,978.93	\$0.1352
Interdepartmental (3Ph-In - w/Dmd)	ED3	10	166,786	\$20,894.12	519	\$0.1253	\$0.1273	11	170,644	\$19,992.77	\$0.1172	11	192,105	\$24,351.34	\$0.1268
Interdepartmental (Street Lights)	EDSL	7	63,071	\$5,866.74	0	\$0.0930	\$0.0930	7	63,071	\$5,865.70	\$0.0930	7	63,071	\$5,850.46	\$0.0928
Interdepartmental (Traffic Signals)	EDTS	8	1,535	\$141.91	0	\$0.0924	\$0.0925	9	1,699	\$157.09	\$0.0925	9	1,805	\$166.87	\$0.0924
Generators (JV2 Power Cost Only)	GJV2	1	14,090	\$382.54	47	\$0.0271	\$0.0000	1	19,414	\$444.39	\$0.0229	1	21,949	\$501.75	\$0.0229
Generators (JV5 Power Cost Only)	GJV5	0	0	\$0.00	0	\$0.0000	\$0.0000	1	11,906	\$272.53	\$0.0229	1	11,273	\$257.70	\$0.0229
Total Interdepartmental		66	294,140	\$34,319.36	725	\$0.1167	\$0.1150	66	319,976	\$33,837.07	\$0.1057	68	369,822	\$41,890.80	\$0.1133
SUB-TOTAL CONSUMPTION & DEMAND		5,891	14,384,032	\$1,646,607.93	24,744	\$0.1145	\$0.1167	5,899	12,241,728	\$1,360,213.60	\$0.1111	5,892	11,862,989	\$1,317,942.26	\$0.1111
Street Lights (In)	SLO	14	0	\$13.43	0	\$0.0000	\$0.0458	13	0	\$13.28	\$0.0000	13	0	\$13.29	\$0.0000
Street Lights (Out)	SLOO	2	0	\$1.92	0	\$0.0000	\$0.0000	2	0	\$1.92	\$0.0000	2	0	\$1.92	\$0.0000
Total Street Light Only		16	0	\$15.35	0	\$0.0000	\$0.0517	15	0	\$15.20	\$0.0000	15	0	\$15.21	\$0.0000
TOTAL CONSUMPTION & DEMAND		5,907	14,384,032	\$1,646,623.28	24,744	\$0.1145	\$0.1167	5,914	12,241,728	\$1,360,228.80	\$0.1111	5,907	11,862,989	\$1,317,957.47	\$0.1111

BILLING SUMMARY AND CO																		
NOVEMBER, 2018																		
2018 - NOVEMBER BILLING WITH SEPTEMBER																		
Class and/or Schedule	Rate Code	# of Bills	Jan-18 (kWh Usage)	Jan-18 Billed	Cost / kWh For Month	# of Bills	Feb-18 (kWh Usage)	Feb-18 Billed	Cost / kWh For Month	# of Bills	Mar-18 (kWh Usage)	Mar-18 Billed	Cost / kWh For Month	# of Bills	Apr-18 (kWh Usage)	Apr-18 Billed	Cost / kWh For Month	Cost / kWh For Month
Residential (Dom-In)	E1	3,335	2,010,836	\$244,589.76	\$0.1216	3,343	2,600,843	\$315,462.64	\$0.1213	3,335	2,361,100	\$298,911.41	\$0.1266	3,327	1,844,873	\$230,921.77	\$0.1252	
Residential (Dom-In) w/Ecosmart	E1E	9	4,807	\$590.89	\$0.1229	8	4,499	\$559.08	\$0.1243	8	4,002	\$520.81	\$0.1301	8	3,412	\$438.16	\$0.1284	
Residential (Dom-In - All Electric)	E2	604	564,281	\$66,628.60	\$0.1181	602	864,143	\$101,722.88	\$0.1177	606	786,539	\$96,518.49	\$0.1227	606	573,242	\$69,171.99	\$0.1207	
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	418	\$52.69	\$0.1261	1	535	\$66.79	\$0.1248	1	523	\$67.78	\$0.1296	1	464	\$59.06	\$0.1273	
Total Residential (Domestic)		3,949	2,580,342	\$311,861.94	\$0.1209	3,954	3,470,020	\$417,811.38	\$0.1204	3,950	3,152,164	\$396,018.49	\$0.1256	3,942	2,421,991	\$300,590.98	\$0.1241	
Residential (Rural-Out)	ER1	773	765,076	\$96,763.07	\$0.1265	771	986,496	\$124,341.31	\$0.1260	771	908,972	\$119,325.99	\$0.1313	772	716,346	\$92,931.50	\$0.1297	
Residential (Rural-Out) w/Ecosmart	ER1E	4	3,295	\$423.51	\$0.1285	4	4,035	\$517.35	\$0.1282	4	3,609	\$483.33	\$0.1339	4	2,843	\$378.47	\$0.1331	
Residential (Rural-Out - All Electric)	ER2	376	472,990	\$58,795.22	\$0.1243	377	639,067	\$79,311.81	\$0.1241	376	583,114	\$75,345.72	\$0.1292	376	442,647	\$56,439.39	\$0.1275	
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	2,390	\$298.17	\$0.1248	2	3,571	\$442.41	\$0.1239	2	3,058	\$396.64	\$0.1294	2	2,323	\$296.55	\$0.1277	
Residential (Rural-Out w/Dmd)	ER3	16	139,280	\$16,276.44	\$0.1169	16	93,486	\$11,174.66	\$0.1195	16	25,797	\$3,325.21	\$0.1289	16	29,177	\$3,628.53	\$0.1244	
Residential (Rural-Out - All Electric w/Dmd)	ER4	9	29,151	\$3,474.71	\$0.1192	9	11,992	\$1,508.09	\$0.1258	9	11,504	\$1,502.79	\$0.1306	9	9,571	\$1,229.34	\$0.1284	
Total Residential (Rural)		1,180	1,412,182	\$176,031.12	\$0.1247	1,179	1,738,647	\$217,295.63	\$0.1250	1,178	1,536,054	\$200,378.68	\$0.1305	1,179	1,202,907	\$154,903.78	\$0.1288	
Commercial (1 Ph-In - No Dmd)	EC2	72	33,842	\$5,248.60	\$0.1551	73	43,883	\$6,642.26	\$0.1514	74	41,741	\$6,562.97	\$0.1572	73	34,316	\$5,405.33	\$0.1575	
Commercial (1 Ph-Out - No Dmd)	EC2O	48	11,116	\$2,015.82	\$0.1813	48	12,402	\$2,206.58	\$0.1779	48	10,219	\$1,966.08	\$0.1924	48	7,512	\$1,569.60	\$0.2089	
Total Commercial (1 Ph) No Dmd		120	44,958	\$7,264.42	\$0.1616	121	56,285	\$8,848.84	\$0.1572	122	51,960	\$8,529.05	\$0.1641	121	41,828	\$6,974.93	\$0.1668	
Commercial (1 Ph-In - w/Demand)	EC1	261	284,512	\$42,357.67	\$0.1489	261	328,599	\$48,114.24	\$0.1464	261	339,671	\$51,012.55	\$0.1502	259	288,035	\$43,656.94	\$0.1516	
Commercial (1 Ph-Out - w/Demand)	EC1O	25	43,761	\$5,916.71	\$0.1352	25	50,064	\$6,772.87	\$0.1353	25	52,526	\$7,223.28	\$0.1375	25	46,069	\$6,223.64	\$0.1351	
Total Commercial (1 Ph) w/Demand		286	328,273	\$48,274.38	\$0.1471	286	378,663	\$54,887.11	\$0.1449	286	392,197	\$58,235.83	\$0.1485	284	334,104	\$49,880.58	\$0.1493	
Commercial (3 Ph-Out - No Dmd)	EC4O	2	17,480	\$2,292.64	\$0.1312	2	30,880	\$4,075.47	\$0.1320	2	1,400	\$226.32	\$0.1617	2	80	\$46.57	\$0.5821	
Total Commercial (3 Ph) No Dmd		2	17,480	\$2,292.64	\$0.1312	2	30,880	\$4,075.47	\$0.1320	2	1,400	\$226.32	\$0.1617	2	80	\$46.57	\$0.5821	
Commercial (3 Ph-In - w/Demand)	EC3	204	1,281,988	\$166,754.24	\$0.1301	206	1,371,679	\$179,694.62	\$0.1310	204	1,414,470	\$190,732.90	\$0.1348	205	1,352,644	\$177,660.41	\$0.1313	
Commercial (3 Ph-Out - w/Demand)	EC3O	37	498,587	\$62,293.93	\$0.1249	37	387,026	\$50,165.48	\$0.1296	37	336,281	\$45,317.24	\$0.1348	37	302,403	\$40,173.61	\$0.1328	
Commercial (3 Ph-Out - w/Dmd.&Sub-St)	E3SO	3	124,400	\$14,870.27	\$0.1195	3	121,400	\$14,925.35	\$0.1229	3	128,240	\$16,205.40	\$0.1264	3	116,440	\$14,345.25	\$0.1232	
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	1,880	\$317.02	\$0.1686	1	1,880	\$246.39	\$0.1311	1	1,920	\$259.83	\$0.1353	1	1,840	\$244.53	\$0.1329	
Total Commercial (3 Ph) w/Demand		245	1,906,855	\$244,235.46	\$0.1281	247	1,881,985	\$245,031.84	\$0.1302	245	1,880,911	\$252,515.37	\$0.1343	246	1,773,327	\$232,423.80	\$0.1311	
Large Power (In - w/Dmd & Rct)	EL1	20	2,006,153	\$213,358.86	\$0.1064	20	1,814,927	\$198,455.18	\$0.1093	20	2,068,532	\$229,984.97	\$0.1112	20	1,817,901	\$205,936.91	\$0.1133	
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	927,688	\$88,035.71	\$0.0949	3	966,577	\$96,296.51	\$0.0996	3	949,906	\$96,998.93	\$0.1021	3	969,637	\$96,304.33	\$0.0993	
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	480,000	\$48,097.78	\$0.1002	1	367,200	\$41,884.75	\$0.1141	1	523,200	\$56,086.13	\$0.1072	1	444,000	\$47,885.41	\$0.1079	
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	85,831	\$8,470.21	\$0.0987	2	116,013	\$10,980.28	\$0.0946	2	110,023	\$10,673.16	\$0.0970	2	96,895	\$9,570.11	\$0.0988	
Total Large Power		26	3,499,672	\$357,962.56	\$0.1023	26	3,264,717	\$347,616.72	\$0.1065	26	3,651,661	\$393,743.19	\$0.1078	26	3,328,433	\$359,696.76	\$0.1081	
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,008,863	\$93,691.01	\$0.0929	1	839,013	\$84,432.41	\$0.1006	1	1,048,501	\$101,993.48	\$0.0973	1	992,995	\$96,681.73	\$0.0974	
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	580,356	\$61,860.44	\$0.1066	1	589,615	\$64,585.70	\$0.1095	1	749,970	\$75,744.35	\$0.1010	1	736,520	\$72,152.25	\$0.0980	
Total Industrial		2	1,589,219	\$155,551.45	\$0.0979	2	1,428,628	\$149,018.17	\$0.1043	2	1,798,471	\$177,737.83	\$0.0988	2	1,729,515	\$168,833.98	\$0.0976	
Interdepartmental (In - No Dmd)	ED1	9	47,039	\$5,798.00	\$0.1233	9	63,930	\$7,771.28	\$0.1216	10	60,747	\$7,601.39	\$0.1251	9	48,986	\$6,069.77	\$0.1239	
Interdepartmental (Out - w/Dmd)	ED2O	2	275	\$59.76	\$0.2173	2	257	\$57.92	\$0.2254	2	265	\$60.17	\$0.2271	2	249	\$57.06	\$0.2292	
Interdepartmental (In - w/Dmd)	ED2	32	59,195	\$8,039.29	\$0.1358	30	85,669	\$11,592.07	\$0.1353	27	72,209	\$10,123.32	\$0.1402	27	52,880	\$7,304.00	\$0.1381	
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	232,067	\$29,509.11	\$0.1272	11	317,586	\$38,870.80	\$0.1224	11	280,875	\$35,935.72	\$0.1279	11	247,163	\$31,549.71	\$0.1276	
Interdepartmental (Street Lights)	EDSL	7	63,071	\$5,874.10	\$0.0931	7	63,071	\$5,866.74	\$0.0930	7	63,071	\$5,859.59	\$0.0929	7	63,071	\$5,855.66	\$0.0928	
Interdepartmental (Traffic Signals)	EDTS	9	1,768	\$163.49	\$0.0925	9	1,772	\$163.83	\$0.0925	9	1,800	\$166.43	\$0.0925	9	1,574	\$145.53	\$0.0925	
Generators (JV2 Power Cost Only)	GJV2	1	24,724	\$724.66	\$0.0293	1	30,393	\$1,009.05	\$0.0332	1	27,905	\$375.32	\$0.0134	1	22,929	\$567.95	\$0.0248	
Generators (JV5 Power Cost Only)	GJV5	1	14,021	\$410.96	\$0.0293	1	19,852	\$659.09	\$0.0332	1	16,182	\$217.65	\$0.0135	1	14,121	\$349.78	\$0.0248	
Total Interdepartmental		72	442,160	\$50,579.37	\$0.1144	70	582,530	\$65,990.78	\$0.1133	68	523,054	\$60,339.59	\$0.1154	67	450,973	\$51,899.46	\$0.1151	
SUB-TOTAL CONSUMPTION & DEMAND		5,882	11,821,141	\$1,354,053.34	\$0.1145	5,887	12,832,355	\$1,510,575.94	\$0.1177	5,879	12,987,872	\$1,547,724.35	\$0.1192	5,869	11,283,158	\$1,325,250.84	\$0.1175	
Street Lights (In)	SLO	13	0	\$13.28	\$0.0000	13	0	\$13.28	\$0.0000	13	0	\$13.28	\$0.0000	13	0	\$13.28	\$0.0000	
Street Lights (Out)	SLOO	2	0	\$1.92	\$0.0000	2	0	\$1.91	\$0.0000	2	0	\$1.91	\$0.0000	2	0	\$1.92	\$0.0000	
Total Street Light Only		15	0	\$15.20	\$0.0000	15	0	\$15.19	\$0.0000	15	0	\$15.19	\$0.0000	15	0	\$15.20	\$0.0000	
TOTAL CONSUMPTION & DEMAND		5,897	11,821,141	\$1,354,068.54	\$0.1145	5,902	12,832,355	\$1,510,591.13	\$0.1177	5,894	12,987,872	\$1,547,739.54	\$0.1192	5,884	11,283,158	\$1,325,266.04	\$0.1175	

10/26/2018

BILLING SUMMARY AND CO												
NOVEMBER, 2018												
2018 - NOVEMBER BILLING WITH SEPTEMBER												
Class and/or Schedule	Rate Code	Sep-18 Billed	Cost / kWh For Month	# of Bills	Oct-18 (kWh Usage)	Oct-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	\$381,317.28	\$0.1237	3,337	3,092,403	\$370,556.00	\$0.1198	28,111,493	\$3,474,698.10	\$0.1236	3,339	56.5357%
Residential (Dom-In) w/Ecosmart	E1E	\$768.44	\$0.1250	8	6,413	\$774.97	\$0.1208	57,218	\$7,169.91	\$0.1253	8	0.1397%
Residential (Dom-In - All Electric)	E2	\$59,991.48	\$0.1248	606	477,141	\$57,716.13	\$0.1210	6,398,332	\$777,971.16	\$0.1216	606	10.2561%
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	\$116.65	\$0.1236	1	882	\$105.98	\$0.1202	7,129	\$892.59	\$0.1252	1	0.0169%
Total Residential (Domestic)		\$442,193.85	\$0.1239	3,952	3,576,839	\$429,153.08	\$0.1200	34,574,172	\$4,260,731.76	\$0.1232	3,954	66.9484%
Residential (Rural-Out)	ER1	\$116,624.29	\$0.1307	783	876,121	\$111,314.51	\$0.1271	9,499,048	\$1,229,344.49	\$0.1294	778	13.1729%
Residential (Rural-Out) w/Ecosmart	ER1E	\$479.65	\$0.1330	4	3,496	\$452.74	\$0.1295	36,964	\$4,901.54	\$0.1326	4	0.0677%
Residential (Rural-Out - All Electric)	ER2	\$59,978.41	\$0.1300	372	450,295	\$56,878.39	\$0.1263	5,481,015	\$699,951.15	\$0.1277	375	6.3487%
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	\$285.67	\$0.1311	2	1,978	\$253.52	\$0.1282	27,960	\$3,581.69	\$0.1281	2	0.0339%
Residential (Rural-Out w/Dmd)	ER3	\$2,912.12	\$0.1289	16	18,482	\$2,340.33	\$0.1266	511,696	\$62,203.60	\$0.1216	16	0.2709%
Residential (Rural-Out - All Electric w/Dm	ER4	\$1,281.92	\$0.1311	9	8,778	\$1,125.87	\$0.1283	146,375	\$18,419.18	\$0.1258	9	0.1524%
Total Residential (Rural)		\$181,562.06	\$0.1305	1,186	1,359,150	\$172,365.36	\$0.1268	15,703,058	\$2,018,401.65	\$0.1285	1,184	20.0466%
Commercial (1 Ph-In - No Dmd)	EC2	\$6,108.85	\$0.1577	74	38,826	\$5,982.15	\$0.1541	435,604	\$68,302.57	\$0.1568	73	1.2390%
Commercial (1 Ph-Out - No Dmd)	EC2O	\$1,644.36	\$0.2080	48	7,432	\$1,551.72	\$0.2088	101,776	\$20,401.07	\$0.2005	48	0.8128%
Total Commercial (1 Ph) No Dmd		\$7,753.21	\$0.1662	122	46,258	\$7,533.87	\$0.1629	537,380	\$88,703.64	\$0.1651	121	2.0518%
Commercial (1 Ph-In - w/Demand)	EC1	\$59,217.68	\$0.1486	262	448,290	\$63,411.55	\$0.1415	3,941,013	\$590,535.02	\$0.1498	261	4.4154%
Commercial (1 Ph-Out - w/Demand)	EC1O	\$7,170.55	\$0.1369	25	50,388	\$6,718.61	\$0.1333	567,886	\$77,274.16	\$0.1361	25	0.4248%
Total Commercial (1 Ph) w/Demand		\$66,388.23	\$0.1472	287	498,678	\$70,130.16	\$0.1406	4,508,899	\$667,809.18	\$0.1481	286	4.8402%
Commercial (3 Ph-Out - No Dmd)	EC4O	\$41.40	\$1.0350	2	40	\$41.25	\$1.0313	50,480	\$7,013.63	\$0.1389	2	0.0339%
Total Commercial (3 Ph) No Dmd		\$41.40	\$1.0350	2	40	\$41.25	\$1.0313	50,480	\$7,013.63	\$0.1389	2	0.0339%
Commercial (3 Ph-In - w/Demand)	EC3	\$246,545.64	\$0.1331	207	1,898,554	\$247,165.96	\$0.1302	17,889,551	\$2,369,246.85	\$0.1324	206	3.4841%
Commercial (3 Ph-Out - w/Demand)	EC3O	\$41,843.55	\$0.1385	37	303,888	\$39,846.47	\$0.1311	3,951,055	\$525,049.50	\$0.1329	37	0.6294%
Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	\$15,879.18	\$0.1257	3	122,920	\$14,951.02	\$0.1216	1,444,080	\$178,072.92	\$0.1233	3	0.0508%
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	\$1,126.29	\$0.1268	1	8,040	\$998.75	\$0.1242	44,080	\$6,099.89	\$0.1384	1	0.0169%
Total Commercial (3 Ph) w/Demand		\$305,394.66	\$0.1334	248	2,333,402	\$302,962.20	\$0.1298	23,328,766	\$3,078,469.16	\$0.1320	247	4.1812%
Large Power (In - w/Dmd & Rct)	EL1	\$263,428.77	\$0.1074	20	2,560,069	\$266,286.49	\$0.1040	25,550,903	\$2,770,330.95	\$0.1084	20	0.3387%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	\$111,927.95	\$0.0993	3	1,114,476	\$107,148.68	\$0.0961	12,432,607	\$1,224,831.74	\$0.0985	3	0.0508%
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	\$54,558.29	\$0.1075	1	488,400	\$51,626.25	\$0.1057	5,737,200	\$610,401.70	\$0.1064	1	0.0169%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	\$13,357.94	\$0.1653	2	79,122	\$14,827.66	\$0.1874	1,041,402	\$148,383.50	\$0.1425	2	0.0339%
Total Large Power		\$443,272.95	\$0.1063	26	4,242,067	\$439,889.08	\$0.1037	44,762,112	\$4,753,947.89	\$0.1062	26	0.4403%
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	\$108,239.67	\$0.0949	1	1,112,529	\$101,948.30	\$0.0916	12,619,175	\$1,194,768.20	\$0.0947	1	0.0169%
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	\$87,069.32	\$0.0950	1	920,929	\$88,265.27	\$0.0958	9,615,713	\$935,555.31	\$0.0973	1	0.0169%
Total Industrial		\$195,308.99	\$0.0950	2	2,033,458	\$190,213.57	\$0.0935	22,234,888	\$2,130,323.51	\$0.0958	2	0.0339%
Interdepartmental (In - No Dmd)	ED1	\$6,417.77	\$0.1336	10	27,285	\$3,867.27	\$0.1417	529,116	\$68,562.30	\$0.1296	10	0.1651%
Interdepartmental (Out - w/Dmd)	ED2O	\$103.55	\$0.1761	2	387	\$74.91	\$0.1936	4,649	\$909.71	\$0.1957	2	0.0339%
Interdepartmental (In - w/Dmd)	ED2	\$3,536.12	\$0.1499	28	20,986	\$3,091.87	\$0.1473	512,364	\$71,766.06	\$0.1401	28	0.4784%
Interdepartmental (3Ph-In - w/Dmd)	ED3	\$20,179.18	\$0.1306	10	166,786	\$20,894.12	\$0.1253	2,483,901	\$316,267.35	\$0.1273	11	0.1834%
Interdepartmental (Street Lights)	EDSL	\$5,868.82	\$0.0931	7	63,071	\$5,866.74	\$0.0930	756,852	\$70,355.62	\$0.0930	7	0.1185%
Interdepartmental (Traffic Signals)	EDTS	\$149.33	\$0.0925	8	1,535	\$141.91	\$0.0924	19,874	\$1,837.59	\$0.0925	9	0.1482%
Generators (JV2 Power Cost Only)	GJV2	\$311.19	\$0.0217	1	14,090	\$382.54	\$0.0271	249,118	\$6,420.60	\$0.0258	1	0.0169%
Generators (JV5 Power Cost Only)	GJV5	\$144.67	\$0.0217	0	0	\$0.00	\$0.0000	136,705	\$3,564.26	\$0.0261	1	0.0155%
Total Interdepartmental		\$36,710.63	\$0.1175	66	294,140	\$34,319.36	\$0.1167	4,692,579	\$539,683.49	\$0.1150	69	1.1600%
SUB-TOTAL CONSUMPTION & DEMAND		\$1,678,625.98	\$0.1175	5,891	14,384,032	\$1,646,607.93	\$0.1145	150,392,334	\$17,545,083.91	\$0.1167	5,890	99.7361%
Street Lights (In)	SLO	\$13.44	\$0.0000	14	0	\$13.43	\$0.0000	3,877	\$177.61	\$0.0458	14	0.2300%
Street Lights (Out)	SLOO	\$1.91	\$0.0000	2	0	\$1.92	\$0.0000	0	\$22.99	\$0.0000	2	0.0339%
Total Street Light Only		\$15.35	\$0.0000	16	0	\$15.35	\$0.0000	3,877	\$200.60	\$0.0517	16	0.2639%
TOTAL CONSUMPTION & DEMAND		\$1,678,641.33	\$0.1175	5,907	14,384,032	\$1,646,623.28	\$0.1145	150,396,211	\$17,545,284.51	\$0.1167	5,905	100.0000%

**AMERICAN MUNICIPAL POWER, INC.**

1111 Schrock Rd, Suite 100

COLUMBUS, OHIO 43229

PHONE: (614) 540-1111

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City of Napoleon

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

INVOICE NUMBER: 204800**INVOICE DATE:** 10/16/2018**DUE DATE:** 10/31/2018**TOTAL AMOUNT DUE:** \$1,058,856.84**CUSTOMER NUMBER:** 5020**CUSTOMER P.O. #:** RG10046

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

Northern Power Pool Billing - September, 2018

MUNICIPAL PEAK: 32,810 kW
TOTAL METERED ENERGY: 13,224,321 kWh

Total Power Charges:	\$691,780.15
Transmission / Capacity / Ancillary Services:	\$328,295.16
Total Other Charges:	\$10,866.53
Total Miscellaneous Charges:	\$27,915.00

GRAND TOTAL POWER INVOICE:	\$1,058,856.84
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** The Total Charges on this invoice may include a credit paid to the Municipal for power supply which was invoiced separately and

DETAIL INFORMATION OF POWER CHARGES September , 2018
Napoleon

FOR THE MONTH OF:	September, 2018	Total Metered Load kWh:	13,224,321
		Transmission Losses kWh:	-28,551
		Distribution Losses kWh:	0
		Total Energy Req. kWh:	13,195,770
TIME OF FENTS PEAK:	09/05/2018 @ H.E. 15:00	COINCIDENT PEAK kW:	30,468
TIME OF MUNICIPAL PEAK:	09/04/2018 @ H.E. 18:00	MUNICIPAL PEAK kW:	32,810
TRANSMISSION PEAK:	July 19, 2017 18:00	TRANSMISSION PEAK kW:	29,687
		PJM Capacity Requirement kW:	29,050

Napoleon Resources

AMP CT - Sched @ ATSI

Demand Charge:	\$2.550000	/ kW *	12,400 kW =	\$31,620.00
Energy Charge:	\$0.090550	/ kWh *	192,416 kWh =	\$17,423.24
Transmission Credit:	\$3.924655	/ kW *	-12,400 kW =	-\$48,665.72
Capacity Credit:	\$3.850662	/ kW *	-12,400 kW =	-\$47,748.21
Subtotal			192,416 kWh =	-\$47,370.69

Fremont - sched @ Fremont

Demand Charge:	\$3.831268	/ kW *	8,767 kW =	\$33,588.73
Energy Charge:	\$0.025105	/ kWh *	5,304,796 kWh =	\$133,177.68
Net Congestion, Losses, FTR:	\$0.002662	/ kWh *		\$14,120.70
Capacity Credit:	\$4.351735	/ kW *	-8,767 kW =	-\$38,151.66
Debt Service	\$5.051645	/ kW	8,767 kW	\$44,287.77
Adjustment for prior month:				-\$289.93
Subtotal			5,304,796 kWh =	\$186,733.29

AMP Hydro CSW - Sched @ PJMC

Demand Charge:	\$61.020000	/ kW *	3,498 kW =	\$213,447.96
Energy Charge:	\$0.031750	/ kWh *	602,901 kWh =	\$19,142.12
Net Congestion, Losses, FTR:	\$0.004642	/ kWh *		\$2,798.96
Capacity Credit:	\$1.233722	/ kW *	-3,498 kW =	-\$4,315.56
REC Credit (Estimate)	-\$0.001750	/ kWh	602,901 kWh	-\$1,055.08
Subtotal			602,901 kWh =	\$230,018.40

Meldahl Hydro - Sched @ Meldahl Bus

Demand Charge:	\$34.330000	/ kW *	504 kW =	\$17,302.32
Energy Charge:	\$0.031750	/ kWh *	103,326 kWh =	\$3,280.61
Net Congestion, Losses, FTR:	\$0.002880	/ kWh *		\$297.54
Capacity Credit:	\$4.587778	/ kW *	-504 kW =	-\$2,312.24
REC Credit (Estimate)				-\$180.82
Subtotal			103,326 kWh =	\$18,387.41

JV6 - Sched @ ATSI

Demand Charge:			300 kW	
Energy Charge:			15,856 kWh	
Transmission Credit:	\$0.155833	/ kW *	-300 kW =	-\$46.75
Capacity Credit:	\$0.331667	/ kW *	-300 kW =	-\$99.50
Subtotal			15,856 kWh =	-\$146.25

Greenup Hydro - Sched @ Greenup Bus

Demand Charge:	\$6.843424	/ kW *	330 kW =	\$2,258.33
Energy Charge:	\$0.003396	/ kWh *	68,038 kWh =	\$231.05
Net Congestion, Losses, FTR:	\$0.001509	/ kWh *		\$102.69
Capacity Credit:	\$3.713091	/ kW *	-330 kW =	-\$1,225.32
Debt Service	\$19.601758	/ kW	330 kW	\$6,468.58
Board Approved Rate Levelization				-\$2,826.44
REC Credit (Estimate)				-\$119.07
Subtotal			68,038 kWh =	\$4,889.82

Prairie State - Sched @ PJMC

Demand Charge:	\$11.584168	/ kW *	4,976 kW =	\$57,642.82
Energy Charge:	\$0.009812	/ kWh *	3,144,463 kWh =	\$30,853.27
Net Congestion, Losses, FTR:	\$0.005033	/ kWh *		\$15,824.94
Capacity Credit:	\$3.920904	/ kW *	-4,976 kW =	-\$19,510.42
Debt Service	\$20.213221	/ kW	4,976 kW	\$100,580.99
Transmission from PSEC to PJM/MISO, including non-Prairie State variable charges/credits	\$0.011467	/ kWh	3,144,463 kWh	\$36,057.80
Board Approved Rate Levelization				-\$51,151.77
Subtotal			3,144,463 kWh =	\$170,297.63

NYPA - Sched @ NYIS

Demand Charge:	\$6.913351	/ kW *	940 kW =	\$6,498.55
Energy Charge:	\$0.011622	/ kWh *	570,271 kWh =	\$6,627.43
Net Congestion, Losses, FTR:	\$0.008282	/ kWh *		\$4,722.91
Capacity Credit:	\$5.011754	/ kW *	-935 kW =	-\$4,685.99
Adjustment for prior month:				-\$6,398.44
Subtotal			570,271 kWh =	\$6,764.46

JV5 - 7X24 @ ATSI

Demand Charge:			3,088 kW	
Energy Charge:			2,223,360 kWh	
Transmission Credit:	\$4.481231	/ kW *	-3,088 kW =	-\$13,838.04
Capacity Credit:	\$5.009764	/ kW *	-3,088 kW =	-\$15,470.15
Subtotal			2,223,360 kWh =	-\$29,308.19

JV5 Losses - Sched @ ATSI

Energy Charge:			32,484 kWh	
Subtotal			32,484 kWh =	\$0.00

JV2 - Sched @ ATSI

Demand Charge:			264 kW	
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DETAIL INFORMATION OF POWER CHARGES September , 2018

Napoleon

Energy Charge:	\$0.045698	/ kWh *	2,170 kWh =	\$99.17
Transmission Credit:	\$3.377879	/ kW *	-264 kW =	-\$891.76
Capacity Credit:	\$4.264053	/ kW *	-264 kW =	-\$1,125.71
Subtotal			2,170 kWh =	-\$1,918.30
AMP Solar Phase I - Sched @ ATSI				
Demand Charge:			1,040 kW	
Energy Charge:	\$0.087000	/ kWh *	116,779 kWh =	\$10,159.80
Subtotal			116,779 kWh =	\$10,159.80
Morgan Stanley 2015-2020 - 7x24 @ AD				
Demand Charge:			3,800 kW	
Energy Charge:	\$0.062950	/ kWh *	2,736,000 kWh =	\$172,231.20
Net Congestion, Losses, FTR:	\$0.001998	/ kWh *		\$5,465.58
Subtotal			2,736,000 kWh =	\$177,696.78
Efficiency Smart Power Plant 2017-2020				
ESPP 2017-2020 obligation @ \$1.400 /MWh x 154,389.7 MWh / 12				\$18,012.14
Subtotal			0 kWh =	\$18,012.14
Northern Power Pool:				
On Peak Energy Charge: (M-F HE 08-23 EDT)	\$0.053857	/ kWh *	294,045 kWh =	\$15,836.31
Off Peak Energy Charge:	\$0.042092	/ kWh *	99,889 kWh =	\$4,204.49
Sale of Excess Non-Pool Resources to Pool	\$0.030775	/ kWh *	-2,311,025 kWh =	-\$71,121.86
Pool Congestion Hedge				-\$1,355.09
Subtotal	\$0.027352	/ kWh *	-1,917,091 kWh =	-\$52,436.15
Total Demand Charges:				\$315,609.02
Total Energy Charges:				\$376,171.13
Total Power Charges:			13,195,770 kWh	\$691,780.15
TRANSMISSION / CAPACITY / ANCILLARY SERVICES:				
Demand Charge:	\$4.481231	/ kW *	29,687 kW =	\$133,034.30
Energy Charge:	\$0.000361	/ kWh *	10,972,410 kWh =	\$3,960.53
RPM (Capacity) Charges:	\$6.585300	/ kW *	29,050 kW =	\$191,300.33
TRANSMISSION / CAPACITY / ANCILLARY SERVICES:	\$0.029920	/ kWh *	10,972,410 kWh =	\$328,295.16
Dispatch Center Charges:	\$0.000032	/ kWh *	13,224,321 kWh =	\$422.39
Service Fee Part A,				
Based on Annual Municipal Sales	\$0.000229	/ kWh *	145,364,250 kWh 1/12 =	\$2,774.03
Service Fee Part B,				
Energy Purchases	\$0.000580	/kWh *	13,224,321 kWh =	\$7,670.11
TOTAL OTHER CHARGES:				\$10,866.53
MISCELLANEOUS CHARGES:				
AFEC June/August adjustment per memo				\$27,915.00
TOTAL MISCELLANEOUS CHARGES:				\$27,915.00
GRAND TOTAL POWER INVOICE:				\$1,058,856.84



TO: AFEC Project Participants
FROM: Marcy Steckman, Senior Vice President, Finance and Chief Financial Officer
RE: AFEC prior period billing adjustment
DATE: October 12, 2018

Several schedules relating to the AFEC Project's congestion hedge were not confirmed in PJM for June and August. As a result, the invoices for June and August power contained billing errors for the variable charges such that the amounts invoiced to Project participants were less than the actual variable expenses incurred by the Project.

Below is a summary reflecting the corrected June and August variable energy charges that should have been billed. The variance between actual and invoiced expenses that occurred during June and August will be recovered as a prior period adjustment on your September and October power supply invoices (billed in October and November) within the miscellaneous charges section.

Several internal controls have been put in place to guard against errors like this in the future. Please accept our apologies for any inconvenience this may have caused. If additional information is needed, please contact Tom Sillasen at 614-540-0948 or myself.

Marcy Steckman
Senior Vice President Finance
Chief Financial Officer
(614) 540 - 6402 Work
msteckman@amppartners.org

AFEC adjustment summary

Napoleon

June 2018:

AFEC Energy Charge as invoiced June 18	\$ 89,407.38
Actual AFEC Energy Expense June 18	<u>\$ 118,858.62</u>
Underbilling related to June 18	\$ 29,451.24

August 2018:

AFEC Energy Charge invoiced in August 18	\$ 106,582.79
Actual AFEC Energy Expense August 18	<u>\$ 132,960.56</u>
Underbilling related to August 18	\$ 26,377.77

Total to be collected over two months	\$ 55,829.00
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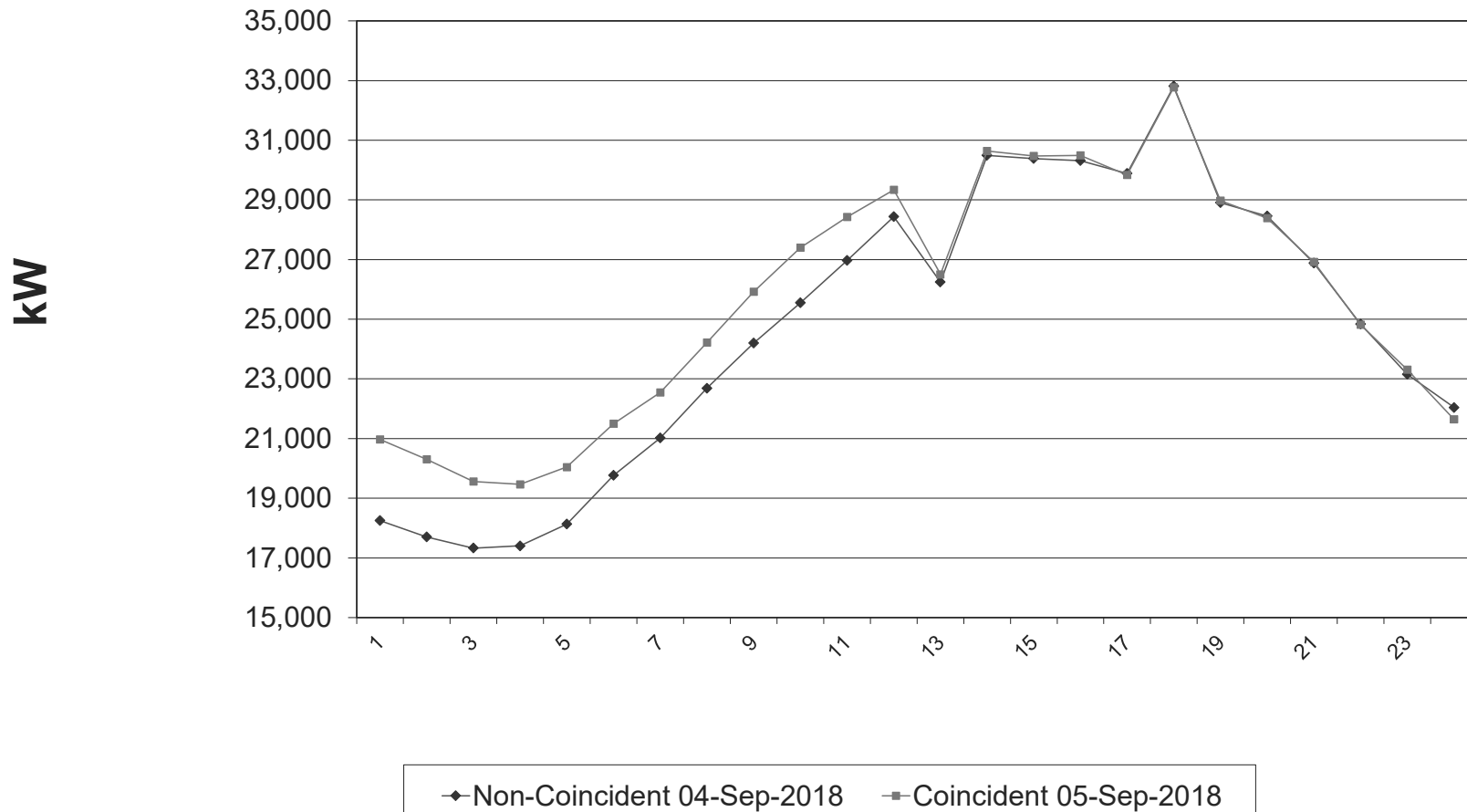
Napoleon Capacity Plan - Actual														
Sep Days	2018 30	ACTUAL DEMAND =			32.81	MW								
		ACTUAL ENERGY =			13,224	MWH								
	SOURCE (1)	DEMAND MW (2)	DEMAND MW-MO (3)	ENERGY MWH (4)	LOAD FACTOR (5)	DEMAND RATE \$/KW (6)	ENERGY RATE \$/MWH (7)	CONGESTION/L OSSES \$/MWH (8)	CAPACITY CREDIT RATE \$/KW (9)	TRANSMISSION CREDIT RATE \$/KW (10)	TOTAL CHARGES (16)	EFFECTIVE RATE \$/MWH (17)	% OF DOLLARS (18)	
1	NYPA - Ohio	0.94	0.94	570	84%	\$6.91	\$0.40	\$8.28	-\$4.99		\$6,764	\$11.86	0.6%	
2	JV5	3.09	3.09	2,223	100%	\$29.16	\$20.75		-\$5.01	-\$4.48	\$106,855	\$48.06	8.9%	
3	JV5 Losses	0.00	0.00	32	0%						\$0		0.0%	
4	JV6	0.30	0.30	16	7%	\$5.31			-\$0.16	-\$0.33	\$1,448	\$91.30	0.1%	
5	AMP-Hydro	3.50	3.50	603	24%	\$61.02	\$30.00	\$4.64	-\$1.23		\$230,018	\$381.52	19.3%	
6	Meldahl	0.50	0.50	103	28%	\$34.33	\$30.00	\$2.88	-\$4.59		\$18,387	\$177.95	1.5%	
7	Greenup	0.33	0.33	68	29%	\$17.88	\$1.65	\$1.51	-\$3.71		\$4,890	\$71.87	0.4%	
8	AFEC	8.77	8.77	5,305	84%	\$8.88	\$30.31	\$2.66	-\$4.35		\$214,648	\$40.46	18.0%	
9	Prairie State	4.98	4.98	3,144	88%	\$21.52	\$21.28	\$5.03	-\$3.92		\$170,298	\$54.16	14.3%	
10	AMP Solar Phase I	1.04	1.04	117	16%		\$87.00				\$10,160	\$87.00	0.9%	
11	Morgan Stanley 2015-2020 7x24	3.80	3.80	2,736	100%		\$62.95	\$2.00			\$177,697	\$64.95	14.9%	
12	AMPCT	12.40	12.40	192	2%	\$2.55	\$90.55		-\$3.85	-\$3.92	-\$47,371	-\$246.19	-4.0%	
13	JV2	0.26	0.26	2	1%	\$2.66	\$45.70		-\$4.26	-\$3.38	-\$1,215		-0.1%	
14	NPP Pool Purchases	0.00	0.00	394	0%		\$47.43				\$18,686	\$47.43	1.6%	
15	NPP Pool Sales	0.00		-2,311	0%		\$30.78				-\$71,122	\$30.78	-6.0%	
POWER TOTAL		39.91	39.91	13,196	46%	\$552,050	\$442,846	\$3.28	-\$134,592	-\$63,495	\$840,143	\$63.67	70.3%	
16	Energy Efficiency	0									\$18,012		1.5%	
17	Installed Capacity	29.05	29.05			\$6.59					\$191,300	\$14.47	16.0%	
18	Transmission	29.69	29.69	10,972		\$4.48	\$0.36				\$136,995	\$10.36	11.5%	
19	Service Fee B			13,224		\$0.58					\$7,670	\$0.58	0.6%	
20	Dispatch Charge			13,224		\$0.03					\$422	\$0.03	0.0%	
OTHER TOTAL						\$324,335	\$30,065				\$354,400	\$26.80	29.7%	
GRAND TOTAL PURCHASED				13,196							\$1,194,542			
Delivered to members		32.810	32.810	13,224	56%						\$1,194,542	\$90.33	100.0%	
		DEMAND		ENERGY	L.F.						TOTAL \$	\$/MWh	Avg Temp	
2018 Forecast		30.90		13,592	61%						\$1,213,928	\$89.31	64.1	
2017 Actual		29.15		12,966	62%						\$1,128,445	\$87.03	66.4	
2016 Actual		31.00		13,634	61%						\$1,076,290	\$78.94	67.7	
											Actual Temp		69.1	

NAPOLEON

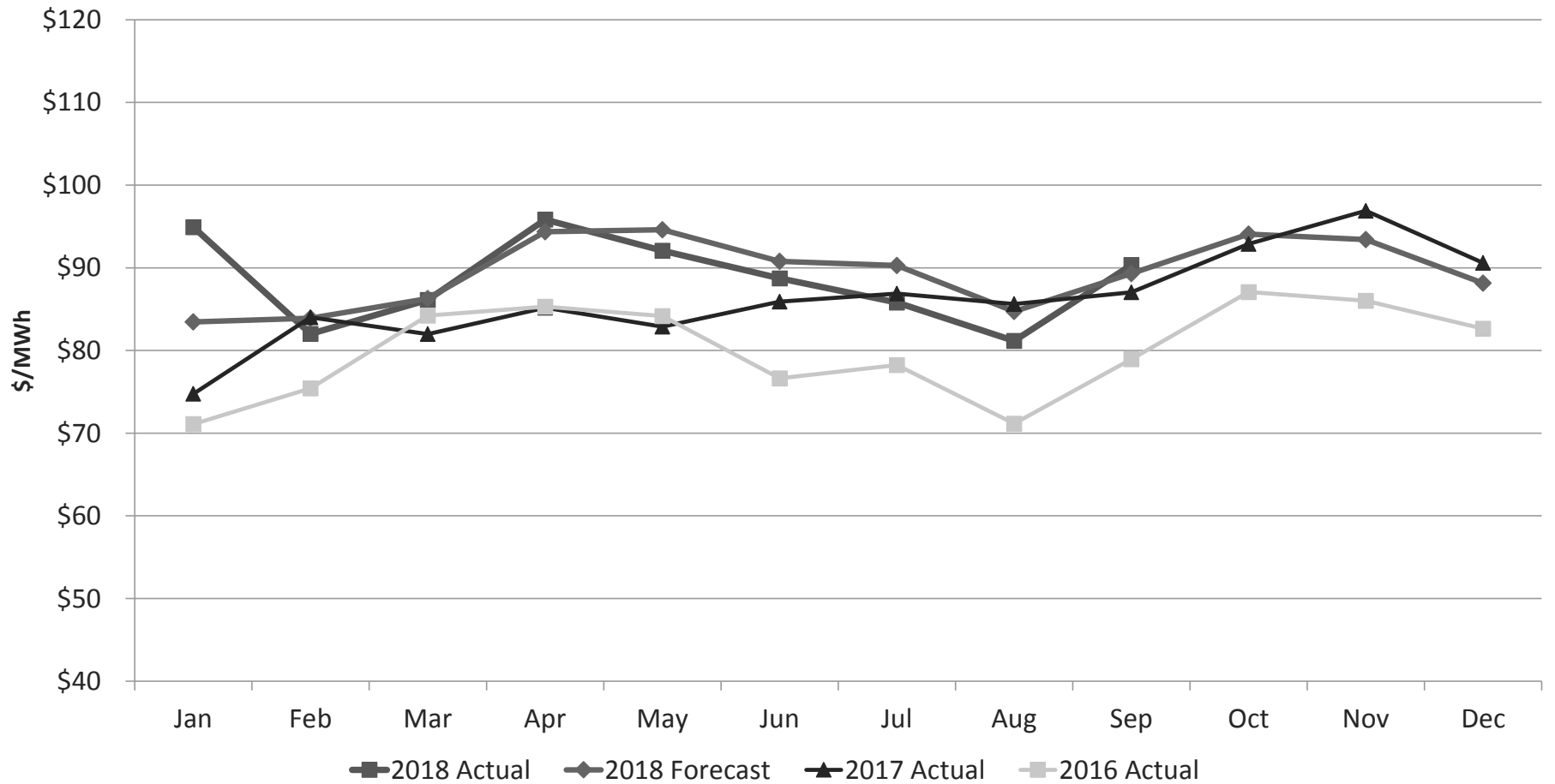
	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date	9/1/2018	9/2/2018	9/3/2018	9/4/2018	9/5/2018	9/6/2018	9/7/2018	9/8/2018	9/9/2018	9/10/2018	9/11/2018	9/12/2018	9/13/2018	9/14/2018	9/15/2018
Hour															
100	14,749	14,912	16,052	18,246	20,969	20,290	17,542	13,527	11,872	12,644	14,784	14,817	15,108	16,389	14,488
200	14,126	14,313	15,460	17,702	20,306	19,673	17,187	13,147	11,450	12,621	14,579	14,699	15,020	16,084	14,026
300	13,819	14,020	15,131	17,325	19,559	18,909	16,602	12,853	11,224	12,560	14,220	14,378	14,757	15,778	13,858
400	13,722	13,940	14,917	17,403	19,467	18,524	16,763	12,803	11,221	12,979	14,458	14,545	15,074	15,884	13,883
500	13,779	14,093	15,290	18,135	20,045	19,008	17,222	13,163	11,273	13,825	15,159	15,229	15,722	16,552	14,067
600	14,031	14,389	15,467	19,766	21,494	20,592	18,535	13,744	11,640	15,287	16,411	16,389	17,209	17,992	14,499
700	14,653	14,683	15,633	21,017	22,547	21,618	19,632	14,494	12,315	16,703	17,700	18,034	18,621	19,285	15,298
800	16,418	16,327	17,459	22,687	24,216	22,567	19,931	15,119	12,738	17,599	18,514	18,332	19,440	20,145	16,254
900	17,649	17,818	19,553	24,202	25,919	23,677	20,542	15,896	13,325	18,358	19,080	18,810	19,445	20,828	16,916
1000	18,767	19,512	21,098	25,551	27,397	23,945	20,536	15,870	13,628	18,683	19,394	19,303	20,296	21,037	17,280
1100	20,154	20,724	22,514	26,972	28,427	23,945	21,161	16,020	13,925	18,686	19,638	19,575	19,941	21,319	17,459
1200	21,117	21,858	23,755	28,434	29,337	23,982	21,341	15,740	14,117	18,840	19,749	20,014	21,099	22,121	17,516
1300	21,907	22,423	24,448	26,247	26,503	24,207	21,292	15,638	14,042	18,746	19,920	20,045	20,955	22,282	18,201
1400	22,520	22,752	24,978	30,488	30,635	25,058	21,364	15,194	13,657	18,371	19,365	19,778	20,966	22,472	18,412
1500	22,447	22,896	25,719	30,379	30,468	23,724	20,786	14,934	13,712	17,950	19,861	18,997	21,213	23,010	18,844
1600	22,657	23,402	25,948	30,317	30,492	23,725	20,260	14,732	13,913	17,729	19,241	18,833	21,185	22,943	19,617
1700	21,939	23,477	25,761	29,887	29,838	22,982	19,575	14,581	14,133	17,400	18,845	18,836	20,861	22,641	20,099
1800	21,484	23,180	24,473	32,810	32,771	22,388	18,783	14,540	14,326	17,716	18,765	18,748	21,177	21,846	19,951
1900	20,405	22,378	23,621	28,909	28,974	22,042	18,485	14,755	14,514	17,564	18,500	18,573	20,660	21,319	19,458
2000	19,851	21,953	23,337	28,454	28,387	22,288	18,503	14,945	14,801	17,857	18,809	19,244	21,285	21,068	19,430
2100	19,329	21,137	22,659	26,882	26,921	21,537	17,891	14,580	14,407	17,093	18,115	18,429	20,629	20,165	18,579
2200	18,011	19,700	21,047	24,831	24,814	20,121	16,778	13,860	13,769	16,116	16,755	17,297	18,994	18,523	17,468
2300	16,824	18,212	19,985	23,155	23,306	19,085	14,866	12,692	13,450	15,530	15,955	16,424	17,972	16,758	15,949
2400	15,699	17,046	19,218	22,041	21,647	18,199	14,124	12,194	13,024	15,203	15,557	15,820	17,095	15,379	14,822
Total	436,057	455,145	493,523	591,840	614,439	522,086	449,701	345,021	316,476	396,060	423,374	425,149	454,724	471,820	406,374

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday
Date	9/16/2018	9/17/2018	9/18/2018	9/19/2018	9/20/2018	9/21/2018	9/22/2018	9/23/2018	9/24/2018	9/25/2018	9/26/2018	9/27/2018	9/28/2018	9/29/2018	9/30/2018	10/1/2018
Hour																
100	13,977	16,568	16,862	17,917	16,349	19,261	13,240	10,918	13,657	15,160	16,603	14,711	14,430	12,868	11,573	-
200	13,354	16,095	16,375	17,552	16,095	18,660	12,782	10,637	13,654	15,197	16,361	14,627	14,454	12,585	11,185	-
300	12,942	15,719	15,881	16,884	15,640	18,323	12,542	10,533	13,515	14,904	15,806	14,411	14,334	12,295	11,154	-
400	12,807	15,905	15,825	16,957	15,938	18,372	12,572	10,714	13,909	15,204	15,773	14,486	14,540	12,205	11,125	-
500	12,930	16,829	16,499	17,683	16,785	19,154	12,679	10,989	14,704	15,992	16,433	15,004	14,998	12,443	11,245	-
600	13,226	18,450	18,096	19,289	18,028	20,619	13,260	11,496	16,091	17,409	17,850	16,327	16,549	13,088	11,669	-
700	13,734	19,613	19,398	20,662	19,352	22,004	13,779	12,127	17,582	19,024	19,425	17,973	17,909	14,011	12,297	-
800	14,352	20,326	20,700	21,303	20,002	23,059	14,215	13,017	18,160	20,038	19,378	18,392	18,645	14,866	12,744	-
900	16,047	21,108	21,931	21,952	20,864	24,423	14,859	13,330	18,545	20,379	19,883	18,265	18,987	15,164	13,812	-
1000	17,053	21,750	22,834	22,844	22,215	25,749	14,649	13,669	18,743	20,694	20,345	18,261	18,969	15,030	13,686	-
1100	18,402	22,722	23,863	23,416	23,141	25,899	14,758	13,455	18,911	20,940	19,964	18,451	18,791	14,842	13,833	-
1200	19,336	23,349	24,932	24,363	24,807	25,947	14,344	14,198	19,025	21,031	19,944	18,775	18,768	14,844	14,251	-
1300	20,191	24,295	25,904	21,266	22,494	22,610	14,318	14,256	19,151	21,128	19,967	18,633	19,092	14,576	14,703	-
1400	20,762	24,708	26,443	25,261	26,883	25,553	13,593	13,991	18,815	21,244	19,607	18,592	18,677	14,476	14,683	-
1500	21,569	24,887	26,757	25,231	26,871	25,505	13,535	14,157	18,260	21,001	19,441	17,986	17,998	14,291	15,210	-
1600	21,653	24,991	27,013	25,210	27,244	28,407	13,299	14,344	18,249	20,779	18,682	17,726	17,524	14,126	15,296	-
1700	21,751	25,033	26,757	24,320	26,643	23,802	13,331	14,457	18,241	20,558	17,978	17,221	17,074	13,821	15,608	-
1800	21,513	24,666	26,129	27,435	29,872	22,052	13,082	14,766	18,086	20,461	17,932	17,277	16,944	14,158	15,855	-
1900	21,634	23,958	25,473	22,987	25,803	21,067	13,347	14,919	18,005	20,908	18,487	17,517	16,808	14,605	16,423	-
2000	21,355	23,593	25,292	22,636	25,576	20,360	13,880	15,506	18,389	20,634	18,506	18,084	16,795	14,885	16,844	-
2100	19,986	22,334	23,639	21,349	24,500	19,029	13,588	15,006	17,727	20,001	17,839	17,306	16,357	14,445	15,918	-
2200	18,334	20,032	21,615	19,547	22,582	17,499	12,731	14,147	16,698	18,774	16,566	16,012	15,342	13,821	15,037	-
2300	17,678	18,719	19,781	18,216	21,023	15,670	11,639	13,931	16,064	17,859	15,962	15,219	14,083	12,827	14,626	-
2400	17,077	17,665	18,892	17,196	20,212	14,211	11,267	13,968	15,553	17,323	15,292	14,927	13,304	12,031	14,178	-
Total	421,663	485,650	526,891	511,476	528,919	517,235	321,289	318,531	409,734	456,642	434,024	406,183	401,372	332,303	332,955	-
											Maximum	32,810	Minimum	10,533	Grand Total	13,224,321

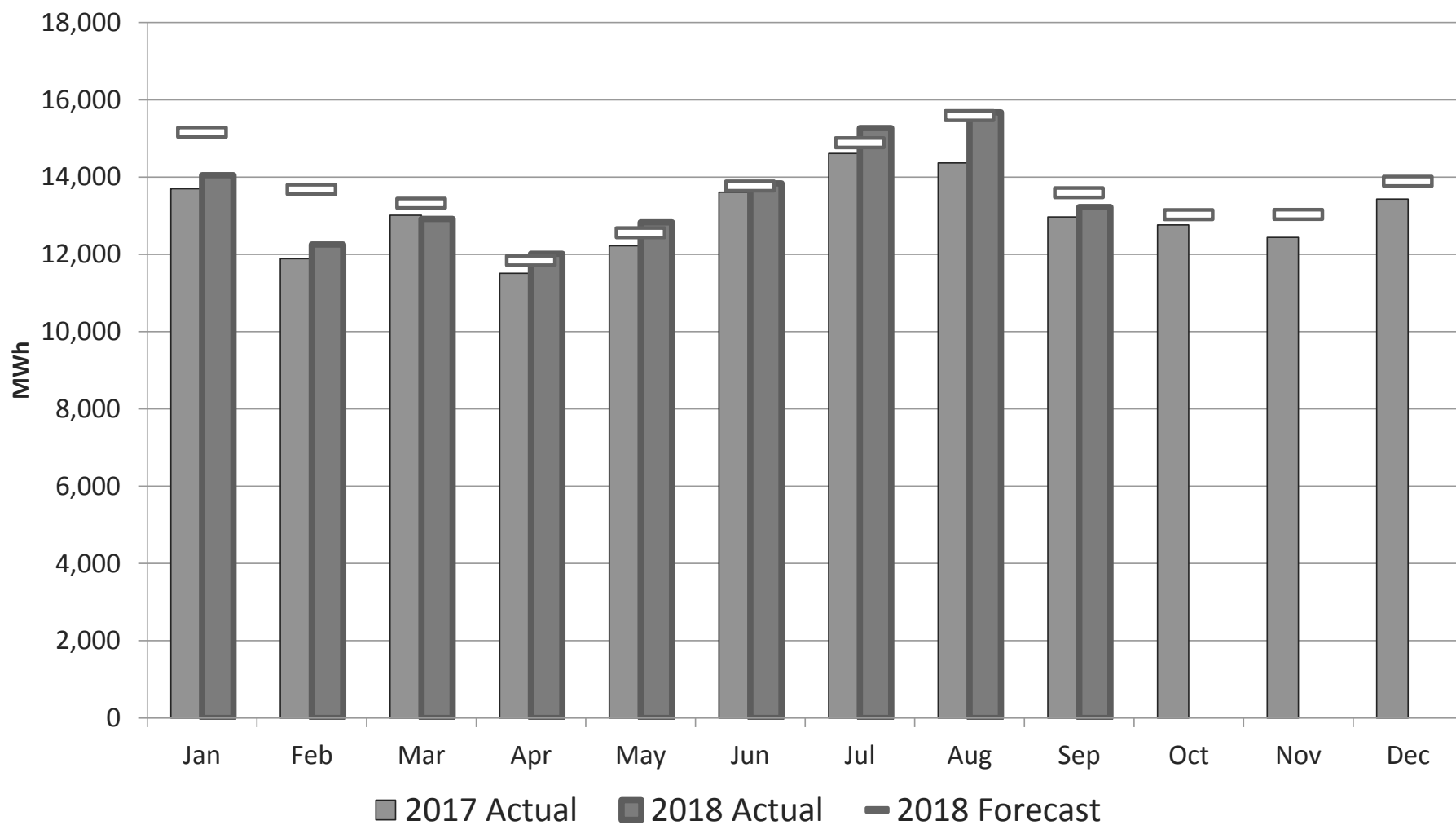
Napoleon Peak Day Load Curve



Napoleon 2018 Monthly Rates



Napoleon 2018 Monthly Energy Usage





Omega Joint Venture Two

1111 Schrock Rd, Suite 100

COLUMBUS, OHIO 43229

PHONE: (614) 540-1111

FAX: (614) 540-1078

City of Napoleon

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

INVOICE NUMBER: 204632

INVOICE DATE: 10/4/2018

DUE DATE: 10/15/2018

TOTAL AMOUNT DUE: \$703.17

CUSTOMER NUMBER: 5020

CUSTOMER P.O. #:

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

OMEGA JV2 POWER INVOICE -

September, 2018

FIXED RATE CHARGE:	264 kW *	\$2.41 / kW =	\$636.24
ENERGY CHARGE:	0 kWh *	\$0.000000 / kWh =	\$0.00
SERVICE FEES:	0 kWh *	\$0.000000 / kWh =	\$0.00
Fuel Costs that were not recovered through Energy Sales to Market		=	\$66.93

TOTAL CHARGES

\$703.17



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: 204696
INVOICE DATE: 10/1/2018
DUE DATE: 10/11/2018
TOTAL AMOUNT DUE: \$80,795.03
CUSTOMER NUMBER: 5020
CUSTOMER P.O. NUMBER: BL980397
MAKE CHECKS PAYABLE TO: OMEGA JV5

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

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

DEMAND CHARGES:

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

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

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

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

TOTAL ENERGY CHARGES:	\$0.020747	/ kWh *	2,223,360 kWh =	\$46,127.06
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SUB-TOTAL				\$80,795.03
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Total OMEGA JV5 Invoice:				\$80,795.03
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1111 Schrock Rd, Suite 100
Columbus, Ohio 43229
Phone: (614) 540-1111
Fax: (614) 540-1078

City of Napoleon

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

INVOICE NUMBER: 204738
INVOICE DATE: 10/1/2018
DUE DATE: 10/11/2018
TOTAL AMOUNT DUE: \$55,367.84
CUSTOMER NUMBER: 5020
CUSTOMER P.O. NUMBER: BL980397
MAKE CHECKS PAYABLE TO: OMEGA JV5

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

Debt Service - OMEGA JV5

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

Financing CHARGES:

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

\$55,367.84



AMERICAN MUNICIPAL POWER, INC.

1111 Schrock Rd, Suite 100

COLUMBUS, OHIO 43229

PHONE: (614) 540-1111

FAX: (614) 540-1078

INVOICE NUMBER: 204756

INVOICE DATE: 10/1/2018

DUE DATE: 10/11/2018

TOTAL AMOUNT DUE: \$1,593.83

CUSTOMER NUMBER: 5020

CUSTOMER P.O. #:

City of Napoleon

Gregory J. Heath, Finance Director

255 W. Riverview Ave., P.O. Box 151

Napoleon, OH 43545-0151

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

Omega JV6

Project Capacity: 300 kW

Year 2017

Electric Fixed

300 kW * 5.313 per kW-Month

Total

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

TOTAL CHARGES **\$1,593.83**

2018 OCTOBER BILLING - ELECTRIC PSCAF - BILLING COMPARISONS TO PRIOR PERIODS										
RATE REVIEW COMPARISONS - Current to Prior Month and Prior Year										
Rate Comparisons to Prior Month and Prior Year for Same Period										
	Service	Service	Current	Prior Month	Prior Year			Current	Prior Month	Prior Year
	Usage	Units	October	September	October			October	September	October
Customer Type	Usage	Units	2018 Rate	2018 Rate	2017 Rate			2018 Rate	2018 Rate	2017 Rate
<i>Customer Type -></i>	RESIDENTIAL USER - (w/Gas Heat)						RESIDENTIAL USER - (All Electric)			
Customer Charge			\$6.00	\$6.00	\$6.00			\$6.00	\$6.00	\$6.00
Distribution Energy Charge			\$20.93	\$20.93	\$20.93			\$33.39	\$33.39	\$33.39
Distribution Demand Charge										
Power Supply Energy Charge	978	kWh	\$71.20	\$71.20	\$71.20	1,976	kWh	\$143.85	\$143.85	\$143.85
Power Supply Demand Charge										
PSCAF - Monthly Factor	978	kWh	\$14.67	\$14.19	\$10.26	1,976	kWh	\$29.64	\$28.67	\$20.73
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			\$117.35	\$116.87	\$112.94			\$222.07	\$221.10	\$213.16
Water	6	CCF	\$50.55	\$50.55	\$46.23	11	CCF	\$83.14	\$83.14	\$75.25
Sewer (w/Stm.Sew. & Lat.)	6	CCF	\$70.89	\$70.89	\$70.89	11	CCF	\$98.89	\$98.89	\$98.89
Storm Water (Rate/ERU)			\$9.50	\$9.50	\$9.50			\$9.50	\$9.50	\$9.50
Refuse (Rate/Service)			\$18.00	\$18.00	\$18.00			\$18.00	\$18.00	\$18.00
Sub-Other Services			\$148.94	\$148.94	\$144.62			\$209.53	\$209.53	\$201.64
Total Billing - All Services			\$266.29	\$265.81	\$257.56			\$431.60	\$430.63	\$414.80
Verification Totals->			\$266.29	\$265.81	\$257.56			\$431.60	\$430.63	\$414.80
				<i>Cr.Mo to Pr.Mo</i>	<i>Cr.Yr to Pr.Yr</i>				<i>Cr.Mo to Pr.Mo</i>	<i>Cr.Yr to Pr.Yr</i>
Dollar Chg.to Prior Periods				\$0.48	\$8.73				\$0.97	\$16.80
% Inc/Dec(-) to Prior Periods				0.18%	3.39%				0.23%	4.05%
=====										
Cost/kWH - Electric	978	kWh	\$0.11999	\$0.11950	\$0.11548	1,976	kWh	\$0.11238	\$0.11189	\$0.10787
% Inc/Dec(-) to Prior Periods				0.41%	3.91%				0.44%	4.18%
Cost/CCF - Water	6	CCF	\$8.42500	\$8.42500	\$7.70500	11	CCF	\$7.55818	\$7.55818	\$6.84091
Cost/GALLONS - Water	4,488	GAL	\$0.01126	\$0.01126	\$0.01030	8,229	GAL	\$0.01010	\$0.01010	\$0.00914
% Inc/Dec(-) to Prior Periods				0.00%	9.34%				0.00%	10.49%
Cost/CCF - Sewer	6	CCF	\$11.81500	\$11.81500	\$11.81500	11	CCF	\$8.99000	\$8.99000	\$8.99000
Cost/GALLON - Sewer	4,488	GAL	\$0.01580	\$0.01580	\$0.01580	8,229	GAL	\$0.01202	\$0.01202	\$0.01202
% Inc/Dec(-) to Prior Periods				0.00%	0.00%				0.00%	0.00%
(Listed Accounts Assume SAME USAGE for kWH and Water (CCF) for All Billing Periods)										
(One "1" Unit CCF of Water = "Hundred Cubic Foot" = 748.05 Gallons)										

2018 OCTOBER BILLING - ELI			RATE REVIEW COMPARISONS - Current to Prior Month and Prior Year								
Rate Comparisons to Prior Month and Prior Year											
	Service	Service	Current	Prior Month	Prior Year			Current	Prior Month	Prior Year	
	Usage	Units	October	September	October	Service	Service	October	September	October	
Customer Type	Usage	Units	2018 Rate	2018 Rate	2017 Rate	Usage	Units	2018 Rate	2018 Rate	2017 Rate	
<i>Customer Type -></i>			COMMERCIAL USER - (3 Phase w/Demand)			INDUSTRIAL USER - (3 Phase w/Demand)					
Customer Charge			\$18.00	\$18.00	\$18.00			\$100.00	\$100.00	\$100.00	
Distribution Energy Charge	7,040	kWh	\$38.02	\$38.02	\$38.02	98,748	Reactive	\$2,303.85	\$2,303.85	\$2,303.85	
Distribution Demand Charge	20.32	kW/Dmd	\$92.86	\$92.86	\$92.86	1510.1	kW/Dmd	\$8,215.30	\$8,215.30	\$8,215.30	
Power Supply Energy Charge	7,040	kWh	\$623.04	\$623.04	\$623.04	866,108	kWh	\$39,165.42	\$39,165.42	\$39,165.42	
Power Supply Demand Charge								\$15,296.55	\$15,296.55	\$15,296.55	
PSCAF - Monthly Factor	7,040	kWh	\$105.60	\$102.15	\$73.85			\$12,342.05	\$11,938.87	\$8,631.20	
kWh Tax- Level 1			\$9.66	\$9.66	\$9.66			\$9.66	\$9.66	\$9.66	
kWh Tax- Level 2			\$20.80	\$20.80	\$20.80			\$56.24	\$56.24	\$56.24	
kWh Tax- Level 3								\$3,087.71	\$3,087.71	\$3,087.71	
Total Electric			\$907.98	\$904.53	\$876.23			\$80,576.78	\$80,173.60	\$76,865.93	
Water	25	CCF	\$170.92	\$170.92	\$153.37	300	CCF	\$1,936.11	\$1,936.11	\$1,736.81	
Sewer (w/Stm.Sew. & Lat.)	25	CCF	\$178.69	\$178.69	\$177.29	300	CCF	\$1,718.69	\$1,718.69	\$1,717.29	
Storm Water (Rate/ERU)			\$9.50	\$9.50	\$9.50			\$330.00	\$330.00	\$330.00	
Refuse (Rate/Service)			\$5.00	\$5.00	\$5.00			\$5.00	\$5.00	\$5.00	
Sub-Other Services			\$364.11	\$364.11	\$345.16			\$3,989.80	\$3,989.80	\$3,789.10	
Total Billing - All Services			\$1,272.09	\$1,268.64	\$1,221.39			\$84,566.58	\$84,163.40	\$80,655.03	
Verification Totals->			\$1,272.09	\$1,268.64	\$1,221.39			\$84,566.58	\$84,163.40	\$80,655.03	
Dollar Chg.to Prior Periods				\$3.45	\$50.70				\$403.18	\$3,911.55	
% Inc/Dec(-) to Prior Periods				0.27%	4.15%				0.48%	4.85%	
=====			=====			=====			=====		
Cost/kWh - Electric	7,040	kWh	\$0.12897	\$0.12848	\$0.12446	866,108	kWh	\$0.09303	\$0.09257	\$0.08875	
% Inc/Dec(-) to Prior Periods				0.38%	3.62%				0.50%	4.82%	
Cost/CCF - Water	25	CCF	\$6.83680	\$6.83680	\$6.13480	300	CCF	\$6.45370	\$6.45370	\$5.78937	
Cost/GALLONS - Water	18,701	GAL	\$0.00914	\$0.00914	\$0.00820	224,415	GAL	\$0.00863	\$0.00863	\$0.00774	
% Inc/Dec(-) to Prior Periods				0.00%	11.44%				0.00%	11.47%	
Cost/CCF - Sewer	25	CCF	\$7.14760	\$7.14760	\$7.09160	300	CCF	\$5.72897	\$5.72897	\$5.72430	
Cost/GALLON - Sewer	18,701	GAL	\$0.00956	\$0.00956	\$0.00948	224,415	GAL	\$0.00766	\$0.00766	\$0.00765	
% Inc/Dec(-) to Prior Periods				0.00%	0.79%				0.00%	0.08%	
(Listed Accounts Assume SAME USA)											
(One "1" Unit CCF of Water = "Hundre											

BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - NOVEMBER, 2018															
NOVEMBER, 2018															
2018 - NOVEMBER BILLING WITH SEPTEMBER 2018 AMP BILLING PERIOD AND OCTOBER 2018 CITY CONSUMPTION AND BILLING DATA															
Class and/or Schedule	Rate Code	Oct-18 # of Bills	Oct-18 (kWh Usage)	Oct-18 Billed	Billed kVa of Demand	Cost / kWh For Month	Cost / kWh Prior 12 Mo Average	Nov-17 # of Bills	Nov-17 (kWh Usage)	Nov-17 Billed	Cost / kWh For Month	Dec-17 # of Bills	Dec-17 (kWh Usage)	Dec-17 Billed	Cost / kWh For Month
Residential (Dom-In)	E1	3,337	3,092,403	\$370,556.00	0	\$0.1198	\$0.1236	3,342	2,183,770	\$258,960.04	\$0.1186	3,343	1,828,366	\$220,986.13	\$0.1209
Residential (Dom-In) w/Ecosmart	E1E	8	6,413	\$774.97	0	\$0.1208	\$0.1253	9	5,189	\$621.37	\$0.1197	9	4,265	\$522.82	\$0.1226
Residential (Dom-In - All Electric)	E2	606	477,141	\$57,716.13	0	\$0.1210	\$0.1216	607	359,718	\$42,973.88	\$0.1195	600	411,193	\$48,798.42	\$0.1187
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	882	\$105.98	0	\$0.1202	\$0.1252	1	498	\$60.45	\$0.1214	1	543	\$65.68	\$0.1210
Total Residential (Domestic)		3,952	3,576,839	\$429,153.08	0	\$0.1200	\$0.1232	3,959	2,549,175	\$302,615.74	\$0.1187	3,953	2,244,367	\$270,373.05	\$0.1205
Residential (Rural-Out)	ER1	783	876,121	\$111,314.51	0	\$0.1271	\$0.1294	782	671,146	\$84,360.08	\$0.1257	780	685,224	\$86,337.74	\$0.1260
Residential (Rural-Out) w/Ecosmart	ER1E	4	3,496	\$452.74	0	\$0.1295	\$0.1326	4	2,317	\$304.24	\$0.1313	4	2,675	\$346.59	\$0.1296
Residential (Rural-Out - All Electric)	ER2	372	450,295	\$56,878.39	0	\$0.1263	\$0.1277	375	356,797	\$44,441.94	\$0.1246	375	403,035	\$49,945.45	\$0.1239
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2	1,978	\$253.52	0	\$0.1282	\$0.1281	2	1,712	\$215.25	\$0.1257	2	1,834	\$230.21	\$0.1255
Residential (Rural-Out w/Dmd)	ER3	16	18,482	\$2,340.33	170	\$0.1266	\$0.1216	16	15,601	\$1,938.09	\$0.1242	16	64,428	\$7,518.60	\$0.1167
Residential (Rural-Out - All Electric w/Dm	ER4	9	8,778	\$1,125.87	59	\$0.1283	\$0.1258	9	7,142	\$904.42	\$0.1266	9	24,064	\$2,842.60	\$0.1181
Total Residential (Rural)		1,186	1,359,150	\$172,365.36	229	\$0.1268	\$0.1285	1,188	1,054,715	\$132,164.02	\$0.1253	1,186	1,181,260	\$147,221.19	\$0.1246
Commercial (1 Ph-In - No Dmd)	EC2	74	38,826	\$5,982.15	12	\$0.1541	\$0.1568	76	32,527	\$5,050.68	\$0.1553	73	33,935	\$5,213.13	\$0.1536
Commercial (1 Ph-Out - No Dmd)	EC2O	48	7,432	\$1,551.72	0	\$0.2088	\$0.2005	48	7,470	\$1,526.63	\$0.2044	48	7,896	\$1,585.34	\$0.2008
Total Commercial (1 Ph) No Dmd		122	46,258	\$7,533.87	12	\$0.1629	\$0.1651	124	39,997	\$6,577.31	\$0.1644	121	41,831	\$6,798.47	\$0.1625
Commercial (1 Ph-In - w/Demand)	EC1	262	448,290	\$63,411.55	2104	\$0.1415	\$0.1498	260	319,807	\$47,319.16	\$0.1480	261	291,661	\$43,822.32	\$0.1503
Commercial (1 Ph-Out - w/Demand)	EC1O	25	50,388	\$6,718.61	160	\$0.1333	\$0.1361	25	44,645	\$5,891.25	\$0.1320	26	42,872	\$5,729.42	\$0.1336
Total Commercial (1 Ph) w/Demand		287	498,678	\$70,130.16	2,264	\$0.1406	\$0.1481	285	364,452	\$53,210.41	\$0.1460	287	334,533	\$49,551.74	\$0.1481
Commercial (3 Ph-Out - No Dmd)	EC4O	2	40	\$41.25	4	\$1.0313	\$0.1389	2	40	\$41.09	\$1.0273	2	80	\$46.22	\$0.5778
Total Commercial (3 Ph) No Dmd		2	40	\$41.25	4	\$1.0313	\$0.1389	2	40	\$41.09	\$1.0273	2	80	\$46.22	\$0.5778
Commercial (3 Ph-In - w/Demand)	EC3	207	1,898,554	\$247,165.96	6800	\$0.1302	\$0.1324	205	1,517,308	\$193,360.95	\$0.1274	205	1,433,490	\$184,075.24	\$0.1284
Commercial (3 Ph-Out - w/Demand)	EC3O	37	303,888	\$39,846.47	1211	\$0.1311	\$0.1329	38	294,347	\$39,396.29	\$0.1338	38	437,383	\$55,388.91	\$0.1266
Commercial (3 Ph-Out - w/Dmd.&Sub-St.	E3SO	3	122,920	\$14,951.02	432	\$0.1216	\$0.1233	3	129,040	\$15,176.79	\$0.1176	3	111,840	\$13,266.17	\$0.1186
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	8,040	\$998.75	24	\$0.1242	\$0.1384	1	4,360	\$641.13	\$0.1470	1	4,720	\$688.22	\$0.1458
Total Commercial (3 Ph) w/Demand		248	2,333,402	\$302,962.20	8,467	\$0.1298	\$0.1320	247	1,945,055	\$248,575.16	\$0.1278	247	1,987,433	\$253,418.54	\$0.1275
Large Power (In - w/Dmd & Rct)	EL1	20	2,560,069	\$266,286.49	5560	\$0.1040	\$0.1084	20	2,135,368	\$229,141.71	\$0.1073	20	2,168,883	\$222,936.81	\$0.1028
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,114,476	\$107,148.68	2081	\$0.0961	\$0.0985	3	1,135,244	\$106,358.90	\$0.0937	3	1,022,737	\$97,146.25	\$0.0950
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	488,400	\$51,626.25	1088	\$0.1057	\$0.1064	1	550,800	\$53,439.61	\$0.0970	1	540,000	\$52,214.92	\$0.0967
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	79,122	\$14,827.66	547	\$0.1874	\$0.1425	2	76,818	\$10,209.80	\$0.1329	2	88,348	\$8,206.94	\$0.0929
Total Large Power		26	4,242,067	\$439,889.08	9,276	\$0.1037	\$0.1062	26	3,898,230	\$399,150.02	\$0.1024	26	3,819,968	\$380,504.92	\$0.0996
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,112,529	\$101,948.30	1942	\$0.0916	\$0.0947	1	1,112,781	\$97,747.46	\$0.0878	1	1,089,751	\$95,026.41	\$0.0872
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	920,929	\$88,265.27	1825	\$0.0958	\$0.0973	1	957,307	\$86,295.32	\$0.0901	1	793,944	\$73,110.92	\$0.0921
Total Industrial		2	2,033,458	\$190,213.57	3,767	\$0.0935	\$0.0958	2	2,070,088	\$184,042.78	\$0.0889	2	1,883,695	\$168,137.33	\$0.0893
Interdepartmental (In - No Dmd)	ED1	10	27,285	\$3,867.27	159	\$0.1417	\$0.1296	9	30,726	\$3,903.70	\$0.1270	9	35,134	\$4,725.24	\$0.1345
Interdepartmental (Out - w/Dmd)	ED2O	2	387	\$74.91	0	\$0.1936	\$0.1957	2	365	\$70.56	\$0.1933	2	269	\$58.51	\$0.2175
Interdepartmental (In - w/Dmd)	ED2	28	20,986	\$3,091.87	0	\$0.1473	\$0.1401	26	22,151	\$3,130.33	\$0.1413	28	44,216	\$5,978.93	\$0.1352
Interdepartmental (3Ph-In - w/Dmd)	ED3	10	166,786	\$20,894.12	519	\$0.1253	\$0.1273	11	170,644	\$19,992.77	\$0.1172	11	192,105	\$24,351.34	\$0.1268
Interdepartmental (Street Lights)	EDSL	7	63,071	\$5,866.74	0	\$0.0930	\$0.0930	7	63,071	\$5,865.70	\$0.0930	7	63,071	\$5,850.46	\$0.0928
Interdepartmental (Traffic Signals)	EDTS	8	1,535	\$141.91	0	\$0.0924	\$0.0925	9	1,699	\$157.09	\$0.0925	9	1,805	\$166.87	\$0.0924
Generators (JV2 Power Cost Only)	GJV2	1	14,090	\$382.54	47	\$0.0271	\$0.0000	1	19,414	\$444.39	\$0.0229	1	21,949	\$501.75	\$0.0229
Generators (JV5 Power Cost Only)	GJV5	0	0	\$0.00	0	\$0.0000	\$0.0000	1	11,906	\$272.53	\$0.0229	1	11,273	\$257.70	\$0.0229
Total Interdepartmental		66	294,140	\$34,319.36	725	\$0.1167	\$0.1150	66	319,976	\$33,837.07	\$0.1057	68	369,822	\$41,890.80	\$0.1133
SUB-TOTAL CONSUMPTION & DEMAND		5,891	14,384,032	\$1,646,607.93	24,744	\$0.1145	\$0.1167	5,899	12,241,728	\$1,360,213.60	\$0.1111	5,892	11,862,989	\$1,317,942.26	\$0.1111
Street Lights (In)	SLO	14	0	\$13.43	0	\$0.0000	\$0.0458	13	0	\$13.28	\$0.0000	13	0	\$13.29	\$0.0000
Street Lights (Out)	SLOO	2	0	\$1.92	0	\$0.0000	\$0.0000	2	0	\$1.92	\$0.0000	2	0	\$1.92	\$0.0000
Total Street Light Only		16	0	\$15.35	0	\$0.0000	\$0.0517	15	0	\$15.20	\$0.0000	15	0	\$15.21	\$0.0000
TOTAL CONSUMPTION & DEMAND		5,907	14,384,032	\$1,646,623.28	24,744	\$0.1145	\$0.1167	5,914	12,241,728	\$1,360,228.80	\$0.1111	5,907	11,862,989	\$1,317,957.47	\$0.1111

BILLING SUMMARY AND COMPARISON																			
NOVEMBER, 2018																			
2018 - NOVEMBER BILLING WITH SEPTEMBER 2017																			
Class and/or Schedule	Rate Code	# of Bills	Jan-18 (kWh Usage)	Jan-18 Billed	Cost / kWh For Month	# of Bills	Feb-18 (kWh Usage)	Feb-18 Billed	Cost / kWh For Month	# of Bills	Mar-18 (kWh Usage)	Mar-18 Billed	Cost / kWh For Month	# of Bills	Apr-18 (kWh Usage)	Apr-18 Billed	Cost / kWh For Month	# of Bills	Apr-18 Billed
Residential (Dom-In)	E1	3,335	2,010,836	\$244,589.76	\$0.1216	3,343	2,600,843	\$315,462.64	\$0.1213	3,335	2,361,100	\$298,911.41	\$0.1266	3,327	1,844,873	\$230,921.77	\$0.1252		
Residential (Dom-In) w/Ecosmart	E1E	9	4,807	\$590.89	\$0.1229	8	4,499	\$559.08	\$0.1243	8	4,002	\$520.81	\$0.1301	8	3,412	\$438.16	\$0.1284		
Residential (Dom-In - All Electric)	E2	604	564,281	\$66,628.60	\$0.1181	602	864,143	\$101,722.88	\$0.1177	606	786,539	\$96,518.49	\$0.1227	606	573,242	\$69,171.99	\$0.1207		
Res. (Dom-In - All Elec.) w/Ecosmart	E2E	1	418	\$52.69	\$0.1261	1	535	\$66.78	\$0.1248	1	523	\$67.78	\$0.1296	1	464	\$59.06	\$0.1273		
Total Residential (Domestic)		3,949	2,580,342	\$311,861.94	\$0.1209	3,954	3,470,020	\$417,811.38	\$0.1204	3,950	3,152,164	\$396,018.49	\$0.1256	3,942	2,421,991	\$300,590.98	\$0.1241		
Residential (Rural-Out)	ER1	773	765,076	\$96,763.07	\$0.1265	771	986,496	\$124,341.31	\$0.1260	771	908,972	\$119,325.99	\$0.1313	772	716,346	\$92,931.50	\$0.1297		
Residential (Rural-Out) w/Ecosmart	ER1E	4	3,295	\$423.51	\$0.1285	4	4,035	\$517.35	\$0.1282	4	3,609	\$483.33	\$0.1339	4	2,843	\$378.47	\$0.1331		
Residential (Rural-Out - All Electric)	ER2	376	472,990	\$58,795.22	\$0.1243	377	639,067	\$79,311.81	\$0.1241	376	583,114	\$75,345.72	\$0.1292	376	442,647	\$56,439.39	\$0.1275		
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	2,390	\$298.17	\$0.1248	2	3,571	\$442.41	\$0.1239	2	3,058	\$395.64	\$0.1294	2	2,323	\$296.55	\$0.1277		
Residential (Rural-Out w/Dmd)	ER3	16	139,280	\$16,276.44	\$0.1169	16	93,486	\$11,174.66	\$0.1195	16	25,797	\$3,325.21	\$0.1289	16	29,177	\$3,628.53	\$0.1244		
Residential (Rural-Out - All Electric w/Dmd)	ER4	9	29,151	\$3,474.71	\$0.1192	9	11,992	\$1,508.09	\$0.1258	9	11,504	\$1,502.79	\$0.1306	9	9,571	\$1,229.34	\$0.1284		
Total Residential (Rural)		1,180	1,412,182	\$176,031.12	\$0.1247	1,179	1,738,647	\$217,295.63	\$0.1250	1,178	1,536,054	\$200,378.68	\$0.1305	1,179	1,202,907	\$154,903.78	\$0.1288		
Commercial (1 Ph-In - No Dmd)	EC2	72	33,842	\$5,248.60	\$0.1551	73	43,883	\$6,642.26	\$0.1514	74	41,741	\$6,562.97	\$0.1572	73	34,316	\$5,405.33	\$0.1575		
Commercial (1 Ph-Out - No Dmd)	EC2O	48	11,116	\$2,015.82	\$0.1813	48	12,402	\$2,206.58	\$0.1779	48	10,219	\$1,966.08	\$0.1924	48	7,512	\$1,569.60	\$0.2089		
Total Commercial (1 Ph) No Dmd		120	44,958	\$7,264.42	\$0.1616	121	56,285	\$8,848.84	\$0.1572	122	51,960	\$8,529.05	\$0.1641	121	41,828	\$6,974.93	\$0.1668		
Commercial (1 Ph-In - w/Demand)	EC1	261	284,512	\$42,357.67	\$0.1489	261	328,599	\$48,114.24	\$0.1464	261	339,671	\$51,012.55	\$0.1502	259	288,035	\$43,656.94	\$0.1516		
Commercial (1 Ph-Out - w/Demand)	EC1O	25	43,761	\$5,916.71	\$0.1352	25	50,064	\$6,772.87	\$0.1353	25	52,526	\$7,223.28	\$0.1375	25	46,069	\$6,223.64	\$0.1351		
Total Commercial (1 Ph) w/Demand		286	328,273	\$48,274.38	\$0.1471	286	378,663	\$54,887.11	\$0.1449	286	392,197	\$58,235.83	\$0.1485	284	334,104	\$49,880.58	\$0.1493		
Commercial (3 Ph-Out - No Dmd)	EC4O	2	17,480	\$2,292.64	\$0.1312	2	30,880	\$4,075.47	\$0.1320	2	1,400	\$226.32	\$0.1617	2	80	\$46.57	\$0.5821		
Total Commercial (3 Ph) No Dmd		2	17,480	\$2,292.64	\$0.1312	2	30,880	\$4,075.47	\$0.1320	2	1,400	\$226.32	\$0.1617	2	80	\$46.57	\$0.5821		
Commercial (3 Ph-In - w/Demand)	EC3	204	1,281,988	\$166,754.24	\$0.1301	206	1,371,679	\$179,694.62	\$0.1310	204	1,414,470	\$190,732.90	\$0.1348	205	1,352,644	\$177,660.41	\$0.1313		
Commercial (3 Ph-Out - w/Demand)	EC3O	37	498,587	\$62,293.93	\$0.1249	37	387,026	\$50,165.48	\$0.1296	37	336,281	\$45,317.24	\$0.1348	37	302,403	\$40,173.61	\$0.1328		
Commercial (3 Ph-Out - w/Dmd & Sub-St.)	E3SO	3	124,400	\$14,870.27	\$0.1195	3	121,400	\$14,925.35	\$0.1229	3	128,240	\$16,205.40	\$0.1264	3	116,440	\$14,345.25	\$0.1232		
Commercial (3 Ph-In - w/Demand, No Tax)	EC3T	1	1,880	\$317.02	\$0.1686	1	1,880	\$246.39	\$0.1311	1	1,920	\$259.83	\$0.1353	1	1,840	\$244.53	\$0.1329		
Total Commercial (3 Ph) w/Demand		245	1,906,855	\$244,235.46	\$0.1281	247	1,881,985	\$245,031.84	\$0.1302	245	1,880,911	\$252,515.37	\$0.1343	246	1,773,327	\$232,423.80	\$0.1311		
Large Power (In - w/Dmd & Rct)	EL1	20	2,006,153	\$213,358.86	\$0.1064	20	1,814,927	\$198,455.18	\$0.1093	20	2,068,532	\$229,984.97	\$0.1112	20	1,817,901	\$205,936.91	\$0.1133		
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	927,688	\$88,035.71	\$0.0949	3	966,577	\$96,296.51	\$0.0996	3	949,906	\$96,998.93	\$0.1021	3	969,637	\$96,304.33	\$0.0993		
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	480,000	\$48,097.78	\$0.1002	1	367,200	\$41,884.75	\$0.1141	1	523,200	\$56,086.13	\$0.1072	1	444,000	\$47,885.41	\$0.1079		
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	85,831	\$8,470.21	\$0.0987	2	116,013	\$10,980.28	\$0.0946	2	110,023	\$10,673.16	\$0.0970	2	96,895	\$9,570.11	\$0.0988		
Total Large Power		26	3,499,672	\$357,962.56	\$0.1023	26	3,264,717	\$347,616.72	\$0.1065	26	3,651,661	\$393,743.19	\$0.1078	26	3,328,433	\$359,696.76	\$0.1081		
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,008,863	\$93,691.01	\$0.0929	1	839,013	\$84,432.41	\$0.1006	1	1,048,501	\$101,993.48	\$0.0973	1	992,995	\$96,681.73	\$0.0974		
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	580,356	\$61,860.44	\$0.1066	1	589,615	\$64,585.76	\$0.1095	1	749,970	\$75,744.35	\$0.1010	1	736,520	\$72,152.25	\$0.0980		
Total Industrial		2	1,589,219	\$155,551.45	\$0.0979	2	1,428,628	\$149,018.17	\$0.1043	2	1,798,471	\$177,737.83	\$0.0988	2	1,729,515	\$168,833.98	\$0.0976		
Interdepartmental (In - No Dmd)	ED1	9	47,039	\$5,798.00	\$0.1233	9	63,930	\$7,771.28	\$0.1216	10	60,747	\$7,601.39	\$0.1251	9	48,986	\$6,069.77	\$0.1239		
Interdepartmental (Out - w/Dmd)	ED2O	2	275	\$59.76	\$0.2173	2	257	\$57.92	\$0.2254	2	265	\$60.17	\$0.2271	2	249	\$57.06	\$0.2292		
Interdepartmental (In - w/Dmd)	ED2	32	59,195	\$8,039.29	\$0.1358	30	85,669	\$11,592.07	\$0.1353	27	72,209	\$10,123.32	\$0.1402	27	52,880	\$7,304.00	\$0.1381		
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	232,067	\$29,509.11	\$0.1272	11	317,586	\$38,870.80	\$0.1224	11	280,875	\$35,935.72	\$0.1279	11	247,163	\$31,549.71	\$0.1276		
Interdepartmental (Street Lights)	EDSL	7	63,071	\$5,874.10	\$0.0931	7	63,071	\$5,866.74	\$0.0930	7	63,071	\$5,859.59	\$0.0929	7	63,071	\$5,855.66	\$0.0928		
Interdepartmental (Traffic Signals)	EDTS	9	1,768	\$163.49	\$0.0925	9	1,772	\$163.83	\$0.0925	9	1,800	\$166.43	\$0.0925	9	1,574	\$145.53	\$0.0925		
Generators (JV2 Power Cost Only)	GJV2	1	24,724	\$724.66	\$0.0293	1	30,393	\$1,009.05	\$0.0332	1	27,905	\$375.32	\$0.0134	1	22,929	\$567.95	\$0.0248		
Generators (JV5 Power Cost Only)	GJV5	1	14,021	\$410.96	\$0.0293	1	19,852	\$659.09	\$0.0332	1	16,182	\$217.65	\$0.0135	1	14,121	\$349.78	\$0.0248		
Total Interdepartmental		72	442,160	\$50,579.37	\$0.1144	70	582,530	\$65,990.78	\$0.1133	68	523,054	\$60,339.59	\$0.1154	67	450,973	\$51,899.46	\$0.1151		
SUB-TOTAL CONSUMPTION & DEMAND		5,882	11,821,141	\$1,354,053.34	\$0.1145	5,887	12,832,355	\$1,510,575.94	\$0.1177	5,879	12,987,872	\$1,547,724.35	\$0.1192	5,869	11,283,158	\$1,325,250.84	\$0.1175		
Street Lights (In)	SLO	13	0	\$13.28	\$0.0000	13	0	\$13.28	\$0.0000	13	0	\$13.28	\$0.0000	13	0	\$13.28	\$0.0000		
Street Lights (Out)	SLOO	2	0	\$1.92	\$0.0000	2	0	\$1.91	\$0.0000	2	0	\$1.91	\$0.0000	2	0	\$1.92	\$0.0000		
Total Street Light Only		15	0	\$15.20	\$0.0000	15	0	\$15.19	\$0.0000	15	0	\$15.19	\$0.0000	15	0	\$15.20	\$0.0000		
TOTAL CONSUMPTION & DEMAND		5,897	11,821,141	\$1,354,068.54	\$0.1145	5,902	12,832,355	\$1,510,591.13	\$0.1177	5,894	12,987,872	\$1,547,739.54	\$0.1192	5,884	11,283,158	\$1,325,266.04	\$0.1175		

BILLING SUMMARY AND COMPARISON																			
NOVEMBER, 2018																			
2018 - NOVEMBER BILLING WITH SEPTEMBER 2017																			
Class and/or Schedule	Rate Code	# of Bills	May-18 (kWh Usage)	May-18 Billed	Cost / kWh For Month	# of Bills	Jun-18 (kWh Usage)	Jun-18 Billed	Cost / kWh For Month	# of Bills	Jul-18 (kWh Usage)	Jul-18 Billed	Cost / kWh For Month	# of Bills	Aug-18 (kWh Usage)	Aug-18 Billed	Cost / kWh For Month	# of Bills	Sep-18 # of Bills
Residential (Dom-In)	E1	3,338	2,025,759	\$250,458.51	\$0.1236	3,335	1,635,032	\$206,075.76	\$0.1260	3,338	2,295,429	\$295,529.06	\$0.1287	3,341	3,151,485	\$400,929.74	\$0.1272	3,350	
Residential (Dom-In) w/Ecosmart	E1E	8	3,653	\$463.51	\$0.1269	8	3,214	\$413.78	\$0.1287	8	4,978	\$645.47	\$0.1297	8	6,640	\$850.61	\$0.1281	8	
Residential (Dom-In - All Electric)	E2	599	614,613	\$73,494.30	\$0.1196	609	393,792	\$48,468.41	\$0.1231	611	391,996	\$50,714.07	\$0.1294	606	481,142	\$61,772.51	\$0.1284	612	
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	499	\$62.77	\$0.1258	1	440	\$56.08	\$0.1275	1	574	\$74.89	\$0.1305	1	809	\$103.78	\$0.1283	1	
Total Residential (Domestic)		3,946	2,644,524	\$324,479.09	\$0.1227	3,953	2,032,478	\$255,014.03	\$0.1255	3,958	2,692,977	\$346,963.49	\$0.1288	3,956	3,640,076	\$463,656.64	\$0.1274	3,971	
Residential (Rural-Out)	ER1	772	764,153	\$98,209.08	\$0.1285	778	587,622	\$77,418.16	\$0.1317	781	750,836	\$101,456.97	\$0.1351	787	895,059	\$120,261.79	\$0.1344	785	
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,900	\$383.51	\$0.1322	4	1,927	\$268.34	\$0.1393	4	2,824	\$392.21	\$0.1389	4	3,437	\$471.60	\$0.1372	4	
Residential (Rural-Out - All Electric)	ER2	375	466,587	\$59,001.30	\$0.1265	376	340,371	\$44,096.83	\$0.1296	375	401,084	\$53,774.49	\$0.1341	373	463,633	\$61,942.20	\$0.1336	373	
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	2,756	\$346.45	\$0.1257	2	1,963	\$252.62	\$0.1287	2	2,000	\$269.44	\$0.1347	2	2,196	\$295.76	\$0.1347	2	
Residential (Rural-Out w/Dmd)	ER3	16	22,621	\$2,837.29	\$0.1254	16	37,210	\$4,559.30	\$0.1225	16	26,514	\$3,461.34	\$0.1305	16	16,508	\$2,231.69	\$0.1352	16	
Residential (Rural-Out - All Electric w/Dmd)	ER4	9	9,461	\$1,210.66	\$0.1280	9	7,732	\$1,006.25	\$0.1301	9	8,050	\$1,094.00	\$0.1359	9	9,150	\$1,238.53	\$0.1354	9	
Total Residential (Rural)		1,178	1,268,478	\$161,988.29	\$0.1277	1,185	976,825	\$127,601.50	\$0.1306	1,187	1,191,308	\$160,448.45	\$0.1347	1,191	1,389,983	\$186,441.57	\$0.1341	1,189	
Commercial (1 Ph-In - No Dmd)	EC2	73	36,466	\$5,675.44	\$0.1556	71	31,323	\$4,977.81	\$0.1589	73	34,703	\$5,661.85	\$0.1632	73	35,297	\$5,773.50	\$0.1636	73	
Commercial (1 Ph-Out - No Dmd)	EC2O	48	7,657	\$1,584.22	\$0.2069	48	6,691	\$1,457.49	\$0.2178	48	7,605	\$1,625.00	\$0.2137	48	7,870	\$1,668.23	\$0.2120	48	
Total Commercial (1 Ph) No Dmd		121	44,123	\$7,259.66	\$0.1645	119	38,014	\$6,435.30	\$0.1693	121	42,308	\$7,286.85	\$0.1722	121	43,167	\$7,441.73	\$0.1724	121	
Commercial (1 Ph-In - w/Demand)	EC1	260	307,573	\$45,594.90	\$0.1482	261	280,232	\$42,801.57	\$0.1527	260	306,074	\$48,757.18	\$0.1593	261	348,059	\$54,469.26	\$0.1565	262	
Commercial (1 Ph-Out - w/Demand)	EC1O	25	48,846	\$6,563.38	\$0.1344	25	44,323	\$5,986.77	\$0.1351	25	45,411	\$6,431.09	\$0.1416	25	46,585	\$6,646.59	\$0.1427	25	
Total Commercial (1 Ph) w/Demand		285	356,419	\$52,158.28	\$0.1463	286	324,555	\$48,788.34	\$0.1503	285	351,485	\$55,188.27	\$0.1570	286	394,644	\$61,115.85	\$0.1549	287	
Commercial (3 Ph-Out - No Dmd)	EC4O	2	160	\$57.04	\$0.3565	2	160	\$57.06	\$0.3566	2	80	\$47.02	\$0.5878	2	40	\$41.55	\$1.0388	2	
Total Commercial (3 Ph) No Dmd		2	160	\$57.04	\$0.3565	2	160	\$57.06	\$0.3566	2	80	\$47.02	\$0.5878	2	40	\$41.55	\$1.0388	2	
Commercial (3 Ph-In - w/Demand)	EC3	206	1,259,932	\$167,538.58	\$0.1330	208	1,329,700	\$176,847.10	\$0.1330	208	1,451,198	\$201,102.33	\$0.1386	206	1,726,146	\$237,768.88	\$0.1377	205	
Commercial (3 Ph-Out - w/Demand)	EC3O	37	291,806	\$38,489.64	\$0.1319	37	249,671	\$34,289.25	\$0.1373	37	266,981	\$37,840.28	\$0.1417	37	280,489	\$40,004.85	\$0.1426	37	
Commercial (3 Ph-Out - w/Dmd.&Sub-St.)	E3SO	3	112,760	\$13,817.29	\$0.1225	3	111,800	\$13,732.62	\$0.1228	3	115,360	\$14,950.00	\$0.1296	3	123,520	\$15,953.58	\$0.1292	3	
Commercial (3 Ph-In - w/Demand, No Tax)	EC3T	1	1,560	\$211.67	\$0.1357	1	1,760	\$231.87	\$0.1317	1	1,840	\$378.71	\$0.2058	1	5,400	\$755.48	\$0.1399	1	
Total Commercial (3 Ph) w/Demand		247	1,666,058	\$220,057.18	\$0.1321	249	1,692,931	\$225,100.84	\$0.1330	249	1,835,379	\$254,271.32	\$0.1385	247	2,135,555	\$294,482.79	\$0.1379	246	
Large Power (In - w/Dmd & Rct)	EL1	20	1,963,523	\$210,241.35	\$0.1071	20	2,043,094	\$218,841.15	\$0.1071	20	2,215,512	\$251,260.17	\$0.1134	20	2,304,703	\$260,458.58	\$0.1130	20	
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,045,153	\$100,795.15	\$0.0964	3	1,039,022	\$101,982.44	\$0.0982	3	1,090,293	\$111,938.86	\$0.1027	3	1,044,331	\$109,898.03	\$0.1052	3	
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	471,600	\$50,751.07	\$0.1076	1	465,600	\$50,028.09	\$0.1074	1	465,600	\$52,786.32	\$0.1134	1	433,200	\$51,043.08	\$0.1178	1	
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	90,319	\$16,168.72	\$0.1790	2	56,601	\$14,415.51	\$0.2547	2	80,064	\$15,683.06	\$0.1959	2	80,568	\$15,820.11	\$0.1964	2	
Total Large Power		26	3,570,595	\$377,956.29	\$0.1059	26	3,604,317	\$385,267.19	\$0.1069	26	3,851,469	\$431,668.41	\$0.1121	26	3,862,802	\$437,219.80	\$0.1132	26	
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,108,376	\$103,727.01	\$0.0936	1	1,020,923	\$96,972.73	\$0.0950	1	1,100,078	\$109,317.34	\$0.0994	1	1,045,201	\$104,990.65	\$0.1005	1	
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	786,160	\$74,992.99	\$0.0954	1	834,510	\$78,206.94	\$0.0937	1	875,036	\$86,537.35	\$0.0989	1	874,860	\$86,734.40	\$0.0991	1	
Total Industrial		2	1,894,536	\$178,720.00	\$0.0943	2	1,855,433	\$175,179.67	\$0.0944	2	1,975,114	\$195,854.69	\$0.0992	2	1,920,061	\$191,725.05	\$0.0999	2	
Interdepartmental (In - No Dmd)	ED1	9	47,900	\$5,970.07	\$0.1246	11	30,233	\$4,061.10	\$0.1343	11	40,778	\$5,716.66	\$0.1402	11	48,331	\$6,660.05	\$0.1378	10	
Interdepartmental (Out - w/Dmd)	ED2O	2	383	\$74.54	\$0.1946	2	375	\$73.51	\$0.1960	2	566	\$102.15	\$0.1805	2	670	\$117.07	\$0.1747	2	
Interdepartmental (In - w/Dmd)	ED2	27	55,096	\$7,563.78	\$0.1373	27	26,820	\$3,855.19	\$0.1437	28	25,027	\$3,787.47	\$0.1513	30	24,525	\$3,763.69	\$0.1535	29	
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	235,246	\$29,667.69	\$0.1261	11	214,351	\$28,052.21	\$0.1309	11	126,536	\$17,385.49	\$0.1374	11	146,015	\$19,879.21	\$0.1361	10	
Interdepartmental (Street Lights)	EDSL	7	63,071	\$5,867.78	\$0.0930	7	63,071	\$5,846.52	\$0.0927	7	63,071	\$5,867.81	\$0.0930	7	63,071	\$5,865.70	\$0.0930	7	
Interdepartmental (Traffic Signals)	EDTS	9	1,683	\$155.62	\$0.0925	9	1,458	\$134.83	\$0.0925	9	1,710	\$158.12	\$0.0925	8	1,455	\$134.54	\$0.0925	8	
Generators (JV2 Power Cost Only)	GJV2	1	23,658	\$606.35	\$0.0256	1	19,731	\$666.32	\$0.0338	1	16,343	\$476.89	\$0.0292	1	13,628	\$354.19	\$0.0260	1	
Generators (JV5 Power Cost Only)	GJV5	1	15,046	\$399.17	\$0.0265	1	12,430	\$419.76	\$0.0338	1	11,874	\$346.48	\$0.0292	1	3,327	\$86.47	\$0.0260	1	
Total Interdepartmental		67	442,083	\$50,305.00	\$0.1138	69	368,469	\$43,109.44	\$0.1170	70	285,905	\$33,841.07	\$0.1184	71	301,022	\$36,860.92	\$0.1225	68	
SUB-TOTAL CONSUMPTION & DEMAND		5,874	11,886,976	\$1,372,980.83	\$0.1155	5,891	10,893,182	\$1,266,553.37	\$0.1163	5,900	12,226,025	\$1,485,569.57	\$0.1215	5,902	13,687,350	\$1,678,985.90	\$0.1227	5,912	
Street Lights (In)	SLO	14	3,877	\$30.60	\$0.0079	14	0	\$13.44	\$0.0000	14	0	\$13.43	\$0.0000	15	0	\$13.58	\$0.0000	14	
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		16	3,877	\$32.51	\$0.0084	16	0	\$15.36	\$0.0000	16	0	\$15.34	\$0.0000	17	0	\$15.50	\$0.0000	16	
TOTAL CONSUMPTION & DEMAND		5,890	11,890,853	\$1,373,013.34	\$0.1155	5,907	10,893,182	\$1,266,568.73	\$0.1163	5,916	12,226,025	\$1,485,584.91	\$0.1215	5,919	13,687,350	\$1,679,001.40	\$0.1227	5,928	

BILLING SUMMARY AND COST														
NOVEMBER, 2018														
2018 - NOVEMBER BILLING WITH SEPTEMBER 2018														
Class and/or Schedule	Rate Code	Sep-18 (kWh Usage)	Sep-18 Billed	Cost / kWh For Month	# of Bills	Oct-18 (kWh Usage)	Oct-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	3,081,597	\$381,317.28	\$0.1237	3,337	3,092,403	\$370,556.00	\$0.1198	28,111,493	\$3,474,698.10	\$0.1236	3,339	56.5357%	
Residential (Dom-In) w/Ecosmart	E1E	6,146	\$768.44	\$0.1250	8	6,413	\$774.97	\$0.1208	57,218	\$7,169.91	\$0.1253	8	0.1397%	
Residential (Dom-n - All Electric)	E2	480,532	\$59,991.48	\$0.1248	606	477,141	\$57,716.13	\$0.1210	6,398,332	\$777,971.16	\$0.1216	606	10.2561%	
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	944	\$116.65	\$0.1236	1	882	\$105.98	\$0.1202	7,129	\$892.59	\$0.1252	1	0.0169%	
Total Residential (Domestic)		3,569,219	\$442,193.85	\$0.1239	3,952	3,576,839	\$429,153.08	\$0.1200	34,574,172	\$4,260,731.76	\$0.1232	3,954	66.9484%	
Residential (Rural-Out)	ER1	891,997	\$116,624.29	\$0.1307	783	876,121	\$111,314.51	\$0.1271	9,499,048	\$1,229,344.49	\$0.1294	778	13.1729%	
Residential (Rural-Out) w/Ecosmart	ER1E	3,606	\$479.65	\$0.1330	4	3,496	\$452.74	\$0.1295	36,964	\$4,901.54	\$0.1326	4	0.0677%	
Residential (Rural-Out - All Electric)	ER2	461,395	\$59,978.41	\$0.1300	372	450,295	\$56,878.39	\$0.1263	5,481,015	\$699,951.15	\$0.1277	375	6.3487%	
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2,179	\$285.67	\$0.1311	2	1,978	\$253.52	\$0.1282	27,960	\$3,581.69	\$0.1281	2	0.0339%	
Residential (Rural-Out w/Dmd)	ER3	22,592	\$2,912.12	\$0.1289	16	18,482	\$2,340.33	\$0.1266	511,696	\$62,203.60	\$0.1216	16	0.2709%	
Residential (Rural-Out - All Electric w/Dm	ER4	9,780	\$1,281.92	\$0.1311	9	8,778	\$1,125.87	\$0.1283	146,375	\$18,419.18	\$0.1258	9	0.1524%	
Total Residential (Rural)		1,391,549	\$181,562.06	\$0.1305	1,186	1,359,150	\$172,365.36	\$0.1268	15,703,058	\$2,018,401.65	\$0.1285	1,184	20.0466%	
Commercial (1 Ph-In - No Dmd)	EC2	38,745	\$6,108.85	\$0.1577	74	38,826	\$5,982.15	\$0.1541	435,604	\$68,302.57	\$0.1568	73	1.2390%	
Commercial (1 Ph-Out - No Dmd)	EC2O	7,906	\$1,644.36	\$0.2080	48	7,432	\$1,551.72	\$0.2088	101,776	\$20,401.07	\$0.2005	48	0.8128%	
Total Commercial (1 Ph) No Dmd		46,651	\$7,753.21	\$0.1662	122	46,258	\$7,533.87	\$0.1629	537,380	\$88,703.64	\$0.1651	121	2.0518%	
Commercial (1 Ph-In - w/Demand)	EC1	398,500	\$59,217.68	\$0.1486	262	448,290	\$63,411.55	\$0.1415	3,941,013	\$590,535.02	\$0.1498	261	4.4154%	
Commercial (1 Ph-Out - w/Demand)	EC1O	52,396	\$7,170.55	\$0.1369	25	50,388	\$6,718.61	\$0.1333	567,886	\$77,274.16	\$0.1361	25	0.4248%	
Total Commercial (1 Ph) w/Demand		450,896	\$66,388.23	\$0.1472	287	498,678	\$70,130.16	\$0.1406	4,508,899	\$667,809.18	\$0.1481	286	4.8402%	
Commercial (3 Ph-Out - No Dmd)	EC4O	40	\$41.40	\$1.0350	2	40	\$41.25	\$1.0313	50,480	\$7,013.63	\$0.1389	2	0.0339%	
Total Commercial (3 Ph) No Dmd		40	\$41.40	\$1.0350	2	40	\$41.25	\$1.0313	50,480	\$7,013.63	\$0.1389	2	0.0339%	
Commercial (3 Ph-In - w/Demand)	EC3	1,852,442	\$246,545.64	\$0.1331	207	1,898,554	\$247,165.96	\$0.1302	17,889,551	\$2,369,246.85	\$0.1324	206	3.4841%	
Commercial (3 Ph-Out - w/Demand)	EC3O	302,193	\$41,843.55	\$0.1385	37	303,888	\$39,846.47	\$0.1311	3,951,055	\$525,049.50	\$0.1329	37	0.6294%	
Commercial (3 Ph-Out - w/Dmd.&Sub-St.	E3SO	126,360	\$15,879.18	\$0.1257	3	122,920	\$14,951.02	\$0.1216	1,444,080	\$178,072.92	\$0.1233	3	0.0508%	
Commercial (3 Ph-In - w/Demand, No Tax)	EC3T	8,880	\$1,126.29	\$0.1268	1	8,040	\$998.75	\$0.1242	44,080	\$6,099.89	\$0.1384	1	0.0169%	
Total Commercial (3 Ph) w/Demand		2,289,875	\$305,394.66	\$0.1334	248	2,333,402	\$302,962.20	\$0.1298	23,328,766	\$3,078,469.16	\$0.1320	247	4.1812%	
Large Power (In - w/Dmd & Rct)	EL1	2,452,238	\$263,428.77	\$0.1074	20	2,560,069	\$266,286.49	\$0.1040	25,550,903	\$2,770,330.95	\$0.1084	20	0.3387%	
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	1,127,543	\$111,927.95	\$0.0993	3	1,114,476	\$107,148.68	\$0.0961	12,432,607	\$1,224,831.74	\$0.0985	3	0.0508%	
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	507,600	\$54,558.29	\$0.1075	1	488,400	\$51,626.25	\$0.1057	5,737,200	\$610,401.70	\$0.1064	1	0.0169%	
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	80,800	\$13,357.94	\$0.1653	2	79,122	\$14,827.66	\$0.1874	1,041,402	\$148,383.50	\$0.1425	2	0.0339%	
Total Large Power		4,168,181	\$443,272.95	\$0.1063	26	4,242,067	\$439,889.08	\$0.1037	44,762,112	\$4,753,947.89	\$0.1062	26	0.4403%	
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1,140,164	\$108,239.67	\$0.0949	1	1,112,529	\$101,948.30	\$0.0916	12,619,175	\$1,194,768.20	\$0.0947	1	0.0169%	
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	916,506	\$87,069.32	\$0.0950	1	920,929	\$88,265.27	\$0.0958	9,615,713	\$935,555.31	\$0.0973	1	0.0169%	
Total Industrial		2,056,670	\$195,308.99	\$0.0950	2	2,033,458	\$190,213.57	\$0.0935	22,234,888	\$2,130,323.51	\$0.0958	2	0.0339%	
Interdepartmental (In - No Dmd)	ED1	48,027	\$6,417.77	\$0.1336	10	27,285	\$3,867.27	\$0.1417	529,116	\$68,562.30	\$0.1296	10	0.1651%	
Interdepartmental (Out - w/Dmd)	ED2O	588	\$103.55	\$0.1761	2	387	\$74.91	\$0.1936	4,649	\$909.71	\$0.1957	2	0.0339%	
Interdepartmental (In - w/Dmd)	ED2	23,590	\$3,536.12	\$0.1499	28	20,986	\$3,091.87	\$0.1473	512,364	\$71,766.06	\$0.1401	28	0.4784%	
Interdepartmental (3Ph-In - w/Dmd)	ED3	154,527	\$20,179.18	\$0.1306	10	166,786	\$20,894.12	\$0.1253	2,483,901	\$316,267.35	\$0.1273	11	0.1834%	
Interdepartmental (Street Lights)	EDSL	63,071	\$5,868.82	\$0.0931	7	63,071	\$5,866.74	\$0.0930	756,852	\$70,355.62	\$0.0930	7	0.1185%	
Interdepartmental (Traffic Signals)	EDTS	1,615	\$149.33	\$0.0925	8	1,535	\$141.91	\$0.0924	19,874	\$1,837.59	\$0.0925	9	0.1482%	
Generators (JV2 Power Cost Only)	GJV2	14,354	\$311.19	\$0.0217	1	14,090	\$382.54	\$0.0271	249,118	\$6,420.60	\$0.0258	1	0.0169%	
Generators (JV5 Power Cost Only)	GJV5	6,673	\$144.67	\$0.0217	0	0	\$0.00	\$0.0000	136,705	\$3,564.26	\$0.0261	1	0.0155%	
Total Interdepartmental		312,445	\$36,710.63	\$0.1175	66	294,140	\$34,319.36	\$0.1167	4,692,579	\$539,683.49	\$0.1150	69	1.1600%	
SUB-TOTAL CONSUMPTION & DEMAND		14,285,526	\$1,678,625.98	\$0.1175	5,891	14,384,032	\$1,646,607.93	\$0.1145	150,392,334	\$17,545,083.91	\$0.1167	5,890	99.7361%	
Street Lights (In)	SLO	0	\$13.44	\$0.0000	14	0	\$13.43	\$0.0000	3,877	\$177.61	\$0.0458	14	0.2300%	
Street Lights (Out)	SLOO	0	\$1.91	\$0.0000	2	0	\$1.92	\$0.0000	0	\$22.99	\$0.0000	2	0.0339%	
Total Street Light Only		0	\$15.35	\$0.0000	16	0	\$15.35	\$0.0000	3,877	\$200.60	\$0.0517	16	0.2639%	
TOTAL CONSUMPTION & DEMAND		14,285,526	\$1,678,641.33	\$0.1175	5,907	14,384,032	\$1,646,623.28	\$0.1145	150,396,211	\$17,545,284.51	\$0.1167	5,905	100.0000%	

Electric Dept. Report October 2018

There were 9 callouts for the month. 5 callouts were non outage and 4 were outage callouts. 1 outage callout was caused by a squirrel. 2 callout outages were caused by trees/branches blown down from a storm. 1 outage callout was due to a primary URD that faulted.

Linemen/Service Truck: Crews relocated a primary feed and pad mount transformer for a residential customer on county road N. Crews worked on a pole rebuild on Fulton county road B. Crews assisted the tree trimming crew on Yeager Street. Crews installed new UG primary at Mills Apartments. Linemen installed a street light at Washington and Perry. Crews assisted tree crew at wastewater overflow site on Front Street. Crews energized a new communications antenna on Rd. P-3 in front of V-8 plant. Crews performed shutoffs for billing dept. Linemen installed a new URD primary service on Rd. U between 11 & 12. Crews installed a new underground service on Rd. 15 North of Rd. S. Crews cleaned shop floors and inventoried and cleaned trucks. Electric crews trimmed trees on Woodlawn Court. Crews set new pole for a new home to be built on Rd. 14 south of Rd. Z. Crews trimmed trees behind 730 West Clinton Street from storm damage. Crews performed a service upgrade to URD on Rd. M2. Crews performed a service and pole upgrade at T-386 Rd. 15. Crews repaired a URD secondary at Mills Apts. hit by a contractor. Crews installed a metering pole for customer at 2410 Rd. 12 in Fulton County. Crews also worked on a pole rebuild on Rd. U between 11 and 12. Linemen installed a new service at N-431 SR 108. The serviceman performed locates, turning power on, work orders etc.

Substation Crews: Crews performed monthly maintenance and generator checks. They also worked on long term planning and worked with Utility Services for the AMP Transmission purchase of 138KV assets at Northside Substation. They are also working with Gridforce who will be AMP transmissions operator to make sure their equipment is installed per our approval and standards to operate in our control house.

Tree Crew: Tree crews trimmed 424 and Rd. N, Yeager Street, Huddle Road mobile home park, behind American Legion on Glenwood Ave, Woodlawn Court, 730 West Clinton, West Maumee, Martha Lane, Graceway and Rd. 12 in Fulton County.

Storeroom/Inventory/Meter Reading: Shawn read meters, worked on inventory management, mowed grass and trimmed and helped crews.

The **PEAK LOAD** for October was 24.25 MW occurring on October 9th at 7:00 PM This was an increase of 2.38 MW compared to October 2017. The average load for October was 16.23 MW. This was a decrease of .43 MW compared to October 2017. The JV2 did not run. The gas turbines ran on 3 days; the 3rd, the 8th and the 9th producing 455.63 MWh. The Solar Field produced 458.55 MWh in October 2018 and 357.21 MWh in 2017: an increase of 101.34 MWh. The peak output of the solar field was 2.91 MW. This was a decrease of .52 MW compared to October 2017 when the peak output was 3.43 MW.

DPC 11/8/18

City of Napoleon, Ohio



SUMMARY OF OCTOBER 2018 OUTAGE/STANDBY CALL-OUTS

October 10, 2018:

One employee was dispatched at 3:00 p.m. to various locations. The call-out resulted in a non-outage.

October 10, 2018:

Electric personnel were dispatched at 5:00 p.m. to 11-430 County Road T. The outage lasted one hour and only one customer was affected. The customer had an issue with fuse box. Personnel showed them how to refuse the panel.

October 11, 2018:

One employee was dispatched at 3:20 p.m. to Carey Street. The call-out resulted in a non-outage due to pulled up Spectrum cable line from road.

October 14, 2018:

Electric personnel were dispatched at 11:05 a.m. to 12 W Maumee Avenue. The outage lasted one hour and affected nine customers. The cause of the outage was due to a squirrel. Personnel replaced a fuse.

October 16, 2018:

Electric personnel were dispatched at 3:57 p.m. to 945 Westchester Avenue. The call-out resulted in a non-outage due to a false alarm for a water main break.

October 19, 2018:

Electric personnel were dispatched at 3:15 p.m. to 850 Monroe Street. The call-out resulted in a non-outage. Personnel removed a fallen tree limb from the house service.

October 20, 2018:

Electric personnel were dispatched at 3:10 p.m. to 7 Martha Lane. The outage lasted 3 hours and three customers were affected. The outage was caused by trees. Personnel replaced a pole, transformer and services.

October 20, 2018:

Electric personnel were dispatched at 6:00 p.m. to 730 Clinton Street. The outage lasted two and half hours and only one customer was affected. The outage was caused by tree limbs. Personnel removed the limb and repaired service.

October 21, 2018:

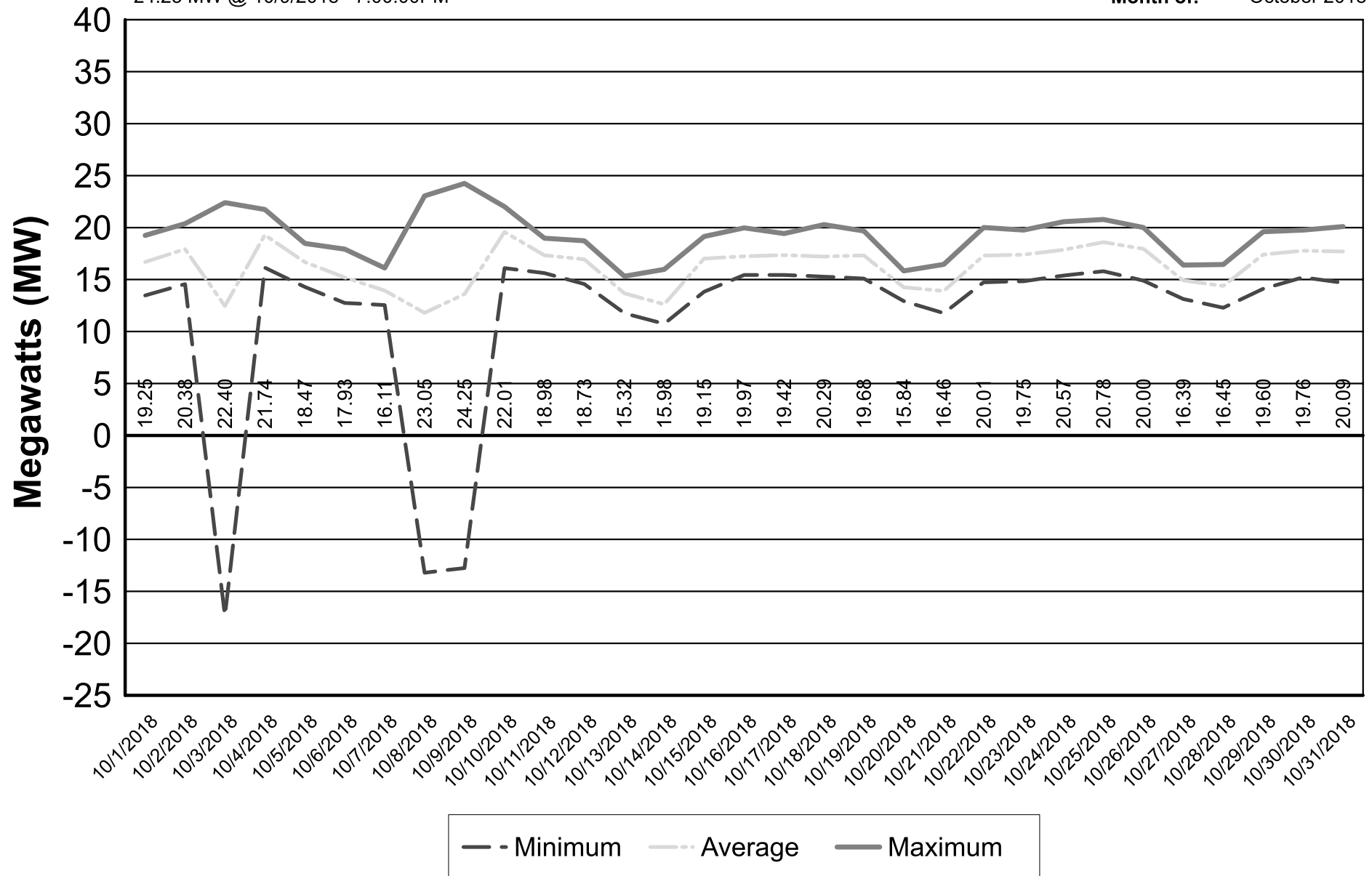
Electric personnel were dispatched at 12:08 p.m. to County Road Z. The outage lasted seven hours and ten customers were affected. The outage was caused by bad underground. Personnel installed temporary power.

Napoleon Power & Light

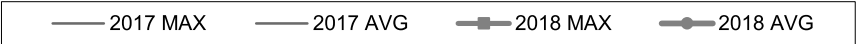
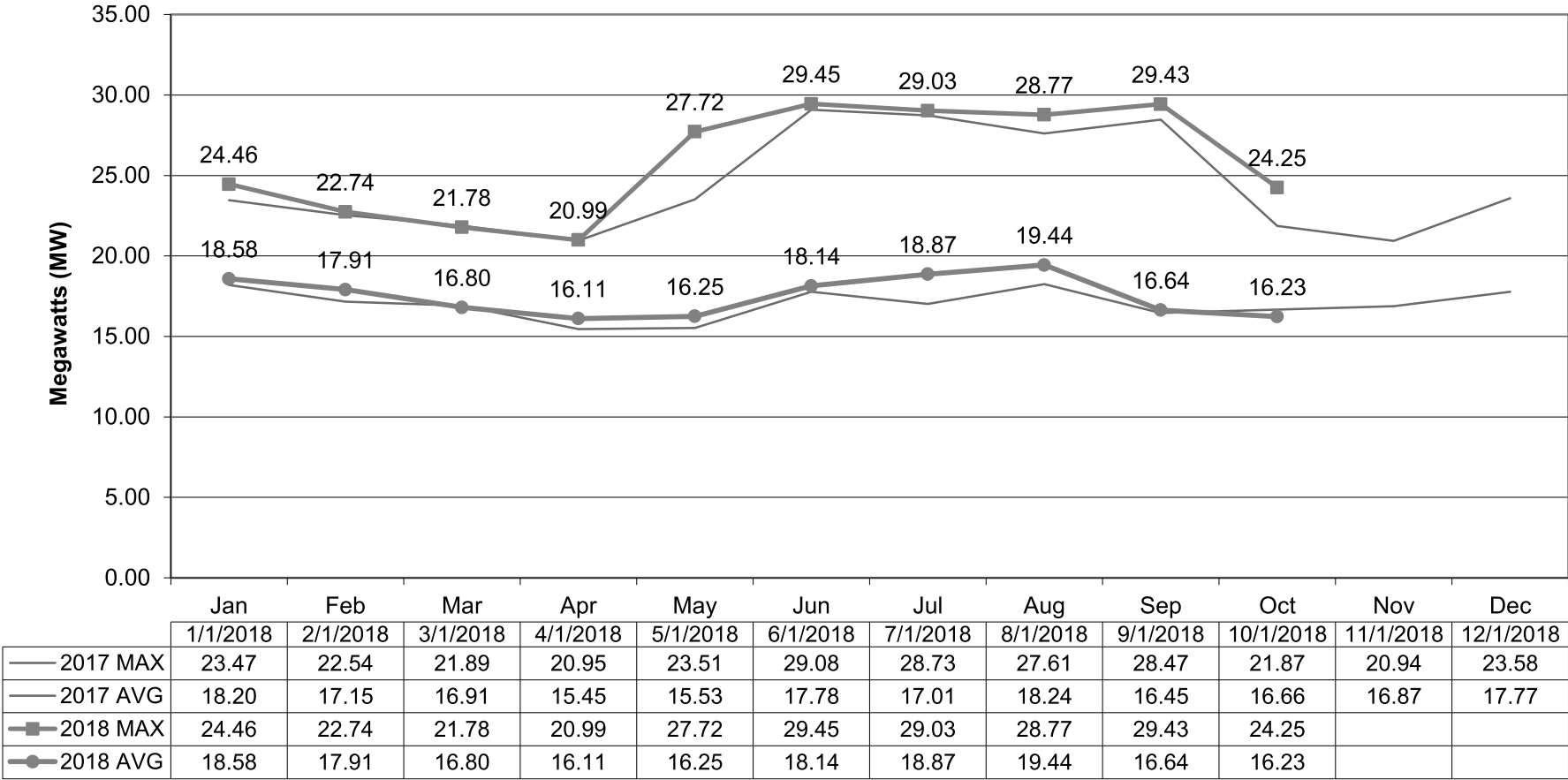
System Load

Peak Load:
24.25 MW @ 10/9/2018 7:00:00PM

Month of: October 2018

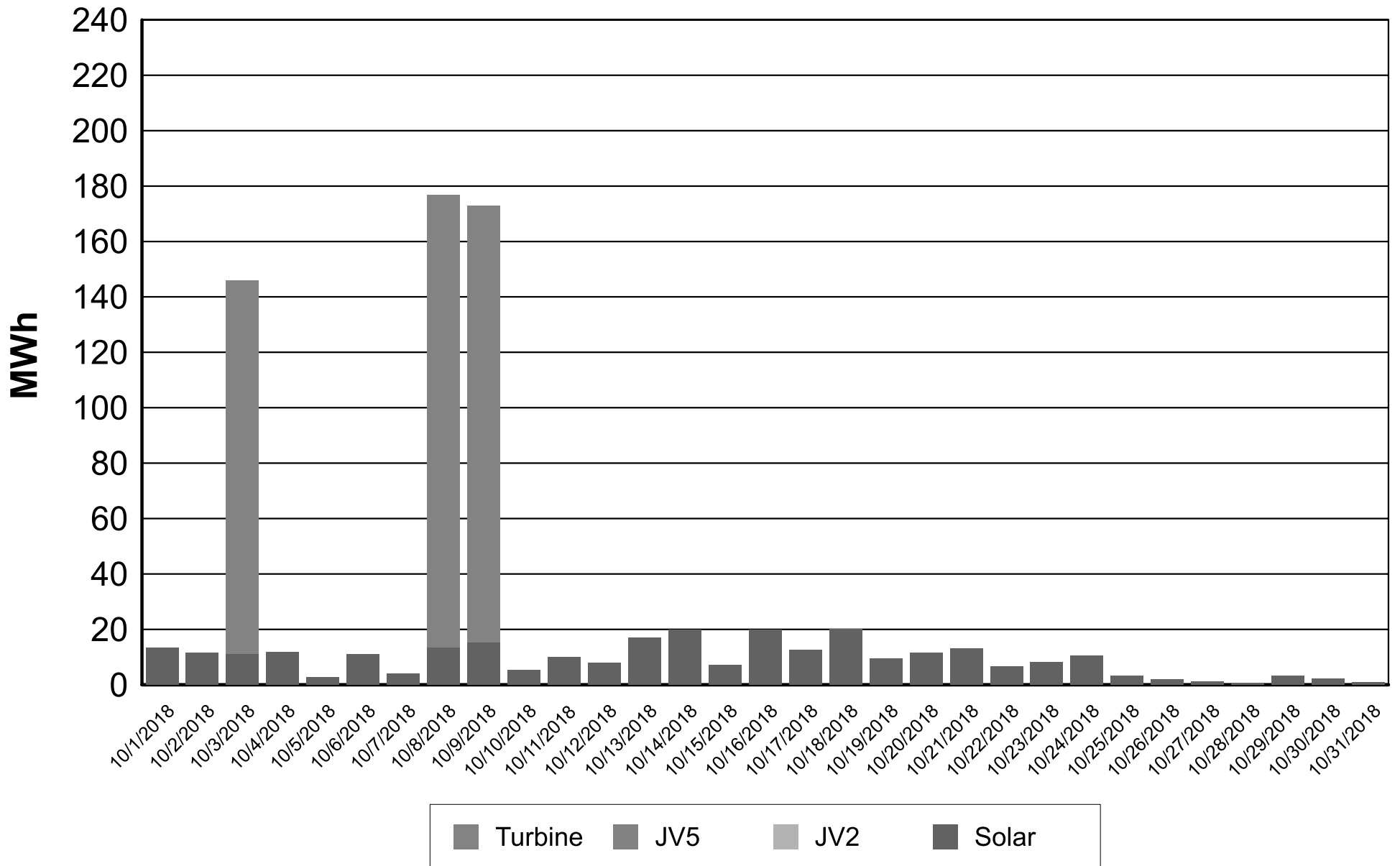


NAPOLEON POWER & LIGHT



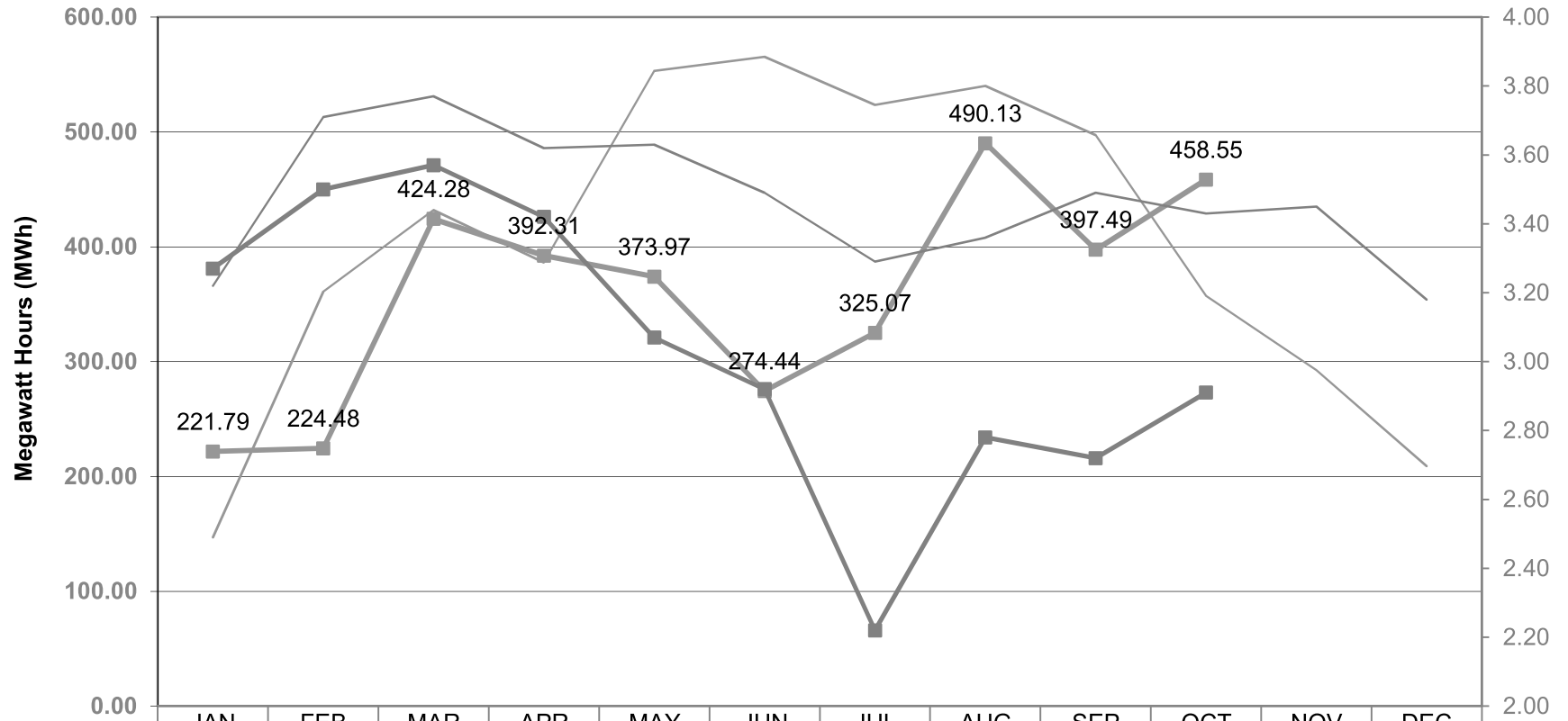
Napoleon Power & Light

Daily Generation Output



NAPOLEON POWER & LIGHT

Solar Field Output Trend

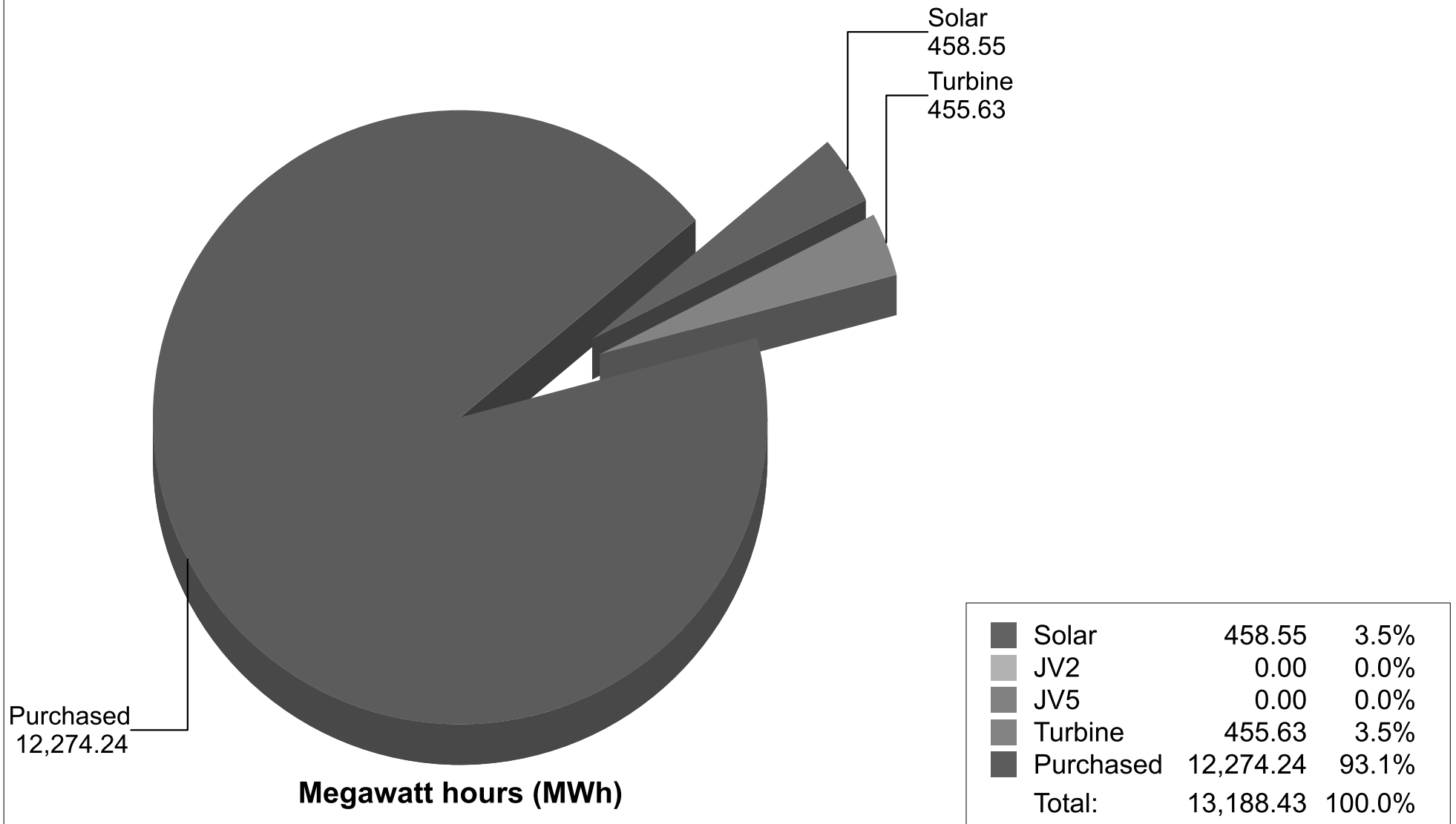


— 2017 MWh	146.99	360.92	432.07	386.27	553.08	565.44	523.55	540.21	497.27	357.21	292.51	208.94
■ 2018 MWh	221.79	224.48	424.28	392.31	373.97	274.44	325.07	490.13	397.49	458.55		
— 2017 PEAK	3.22	3.71	3.77	3.62	3.63	3.49	3.29	3.36	3.49	3.43	3.45	3.18
■ 2018 PEAK	3.27	3.50	3.57	3.42	3.07	2.92	2.22	2.78	2.72	2.91		

Napoleon Power & Light

Power Portfolio

October 2018



City of Napoleon, Ohio

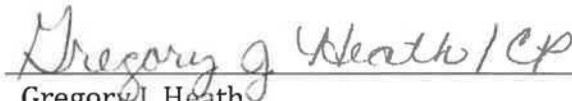
**MUNICIPAL PROPERTIES, BUILDINGS, LAND USE, AND ECONOMIC DEVELOPMENT
COMMITTEE**

SPECIAL MEETING AGENDA

Monday, November 12, 2018 at 6:30 pm

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

- 1) Approval of Minutes: October 8, 2018 *(In the absence of any objections or corrections, the Minutes shall stand approved)*
- 2) Review of Napoleon Outdoor Refreshment Area (NORA).
- 3) Any other matters currently assigned to the Committee.
- 4) Adjournment.



Gregory J. Heath
Finance Director/Clerk of Council

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

MEETING MINUTES

Monday, October 08, 2018 at 7:30 PM

PRESENT

Members:

City Manager

Asst. Finance Director

Recorder/Records Clerk

City Staff

Others

ABSENT

Lori Siclair-Chair, Jeff Mires (arrived at 8:01 pm), Joseph D. Bialorucki, Mayor
Jason Maassel

Joel L. Mazur

Christine Peddicord

Roxanne Dietrich

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

Northwest Signal

Call to Order

Chairman Siclair called the Municipal Properties, Building, Land Use and
Economic Development Committee meeting to order at 7:57 pm.

Approval of Minutes

Hearing no objections or corrections, the minutes from the September 10,
2018 meeting stand approved as presented.

Motion to Un-Table Move Truck Traffic Off Perry St/SR 108 Grant Opportunity

Motion: Maassel

Second: Bialorucki

to un-table grant opportunity to move truck traffic off Perry Street/State Route
108.

Mazur stated as asked, we looked into Oakwood Avenue for the grant and the
needs for Oakwood Avenue are greater than Scott Street. Maassel asked how
much of Oakwood Avenue would be done? Mazur replied, it would probably
have to be done in parts, the small cities grants are for up to \$2 million for a
project, the last one we received was for the Industrial Drive project. Bialorucki
asked what work would be done? Lulfs answered, whatever is required there
is a lot of storm sewer work, some sections need water and sanitary sewers,
road and curb improvements, we will have to assess the condition of the
roadway. Maassel noted access will have to be allowed with Bialorucki adding
Oakwood Park is utilized a lot.

Mires Arrived

8:01 pm Mires arrived.

Mazur said, the grant application is due March 1st. Maassel asked when would
the project be awarded? Lulfs stated it would be a FY2022 project which
means July 2021; but, we cannot start this job in July. Mazur said at this time
we do not have enough information to give you a firm answer on how far we
can go with this project, there will have to be a study to figure all that out.

**Motion to Approve
Submitting Grant
Application**

Motion: Bialorucki Second: Mires
to recommend Council approve moving forward with submitting a grant
application for Oakwood Avenue.

Passed
Yea-4
Nay-0

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

**ODOT TAP Grant Program
Award**

Mazur gave an update on the ODOT TAP grant noting we applied for \$1.1 million and was awarded \$750,000; therefore, the items on the map (attached) in yellow numbers are what has been removed from the project and the items in green are the main portions. Bialorucki said he had a business owner ask what side the path will be on. Mazur showed the path is on the south side, with the amount of businesses popping along the riverfront, we need to talk to the business owners, the path is there according to the Buckeye Trail System. Bialorucki suggested not having it cross the streets if you don't have to. Mazur said overall we are covering the main portions of the path we are not covering a lot of areas around the schools and have suggested the school partner with the City to apply for a Safe Routes to Schools grant. Right now this item is informational only, wanted you to be aware there will be a \$200,000 expense item in the budget for environmental engineering and other ancillary costs. Our match of the construction costs will be 5%.

Any Other Matters

None.

Motion to Adjourn

Motion: Maassel Second: Mires
to adjourn the Municipal Properties, Building, Land Use and Economic
Development Committee meeting at 8:17 pm.

Passed
Yea-4
Nay-0

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

Date Approved:

November 12, 2018

Lori Siclair - Chair



City of Napoleon, Ohio

Police Department

310 Glenwood Avenue, P.O. Box 151

Napoleon, OH 43545

Telephone: (419) 599-2810 Fax: (419) 599-7969

www.napoleonohio.com

Memorandum

To: David Mack, Chief of Police
From: Chad Moll, Lieutenant *(Signature)*
cc: none
Date: November 08, 2018
Subject: Napoleon Outdoor Refreshment Area (NORA) review

Since the inception of the NORA district, neither myself nor 3rd shift have observed any criminal or safety concerns regarding the district. In fact, we rarely see the NORA being utilized.

After walking the district recently, however, I have made the following observations:

- There is insufficient lighting on Scott Street between West Riverview Avenue and West Main Street.
- The only sidewalk between the Lumberyard Winery and the (future) Outlaw Barbeque is very narrow, and overgrown with weeds.
- There is not a crosswalk leading from the sidewalk on the North side of Front Street to Outlaw Barbeque, which is on the South side of Front Street.

I asked Dispatcher Hull to review reports since July 17, 2018 for any reported issues with NORA. Specifically searched for were any reports involving intoxicated persons, disorderly conduct, open container (of alcohol), littering, or public indecency (urinating in public) violations. No reports were located indicating any criminal behavior associated with NORA.

City of Napoleon, Ohio

PRIVACY COMMITTEE

MEETING AGENDA

Tuesday, November 13, 2018 at 10:30 am

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

- 1) Approval Minutes. *(In the absence of any objections or corrections, the Minutes shall stand approved)*
- 2) Review of Policies/Procedures for Identity Theft Protection.
- 3) Report from Staff.
- 4) Any other matters currently assigned to the Committee.
- 5) Adjournment.



Gregory J. Heath
Finance Director/Clerk of Council

City of Napoleon, Ohio

PRESERVATION COMMISSION

Meeting Agenda

Tuesday, November 13, 2018 at 5:00 pm

NPC 18-02

CERTIFICATE OF APPROPRIATENESS

The Lumberyard Winery – 118 West Front Street

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


1. Approval of May 8, 2018 Minutes *(In the absence of any objections or corrections, the Minutes shall stand approved.)*

2. NPC-18-02 – (The Lumberyard Winery)

An application has been filed by G.M. Carnahan, LLC of The Lumberyard Winery & Supply. The applicant is requesting to demolish a building for future expansion at 118 West Front Street. The request is pursuant to Chapter 1138 of the Codified Ordinances of Napoleon, Ohio. The property is in a C-1 General Commercial Zoning District and is within the City's Preservation District.

3. Any other matters to come before the Commission.

4. Adjournment.



Gregory J. Heath, Finance Director/Clerk of Council



City of Napoleon, Ohio

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

Memorandum

To: Board of Zoning Appeals, City Council, Mayor, City
Law Director, City Manager, Department
Supervisors, Newsmedia
From: Gregory J. Heath, Finance Director/Clerk of Council *gjh/cp*
cc:
Date: November 08, 2018
Subject: BZA – Cancellation

The regularly scheduled meeting of the Board of Zoning Appeals set for Tuesday, November 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 Council JGH/CP

cc:
Date: November 08, 2018
Subject: Planning Commission – Cancellation

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



AEP transmission rate to see 10 percent increase in 2019

By Chris Norton - director of market regulatory affairs

On Oct. 31, AEP filed its transmission rate for 2019. The base transmission rate will increase from \$4.98 kW-month to \$5.49 kW-month. This rate will be in place for the January 2019 to December 2019 billing period. AEP's transmission revenue requirement increased by 15.7 percent from 2018 to 2019. The 2019 rate includes an adjustment based on the 2017 projected rate, which was actually charged to customers, versus actual revenue requirement for AEP's various operating companies, which resulted in a credit of just under \$35 million due to projected charges exceeding actual expenses during the rate year. The true-up resulted in a 2.4 percent reduction in AEP's 2019 revenue requirement. The AEP zone 2018 1 CP (system peak) was set on Jan. 3, 2018 from 7 to 8 a.m. The system peak increased from 21,647 MW in 2018 to 22,759 MW in 2019, an increase of 5.1 percent that helped to slow the rate increase on a per kW basis.



AMP holds regional meeting for Ohio water/wastewater operations

By Sandi Sherwood - senior safety/OSHA compliance coordinator

AMP held a regional meeting for Ohio water/wastewater operations, wherein attendees were able to obtain six credit hours toward their State of Ohio certification. The Ohio Environmental Protection Agency requires that all water and wastewater operators attend educational classes each year to maintain their certification. This is the fifth year that AMP has been able to offer these training courses to our members.

Personnel from Bowling Green, Carey, Deshler, Genoa, Napoleon, Pemberville, Pioneer, Shelby, Woodville and Versailles were in attendance.

Throughout the year, AMP offers high-quality training designed to improve employee performance and enhance safety. Work on the 2019 training catalog is currently underway.

If you have questions about other training opportunities, please contact me at jflockerzie@amppartners.org or 614.540.0853.

PUCO issues order on Tax Cuts and Jobs Act

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

On Oct. 24, 2018, the Public Utilities Commission of Ohio (PUCO) issued an order to Ohio's regulated public utilities directing each of them to file an application "not for an increase in rates" to pass along to consumers to the tax savings resulting from the Tax Cuts and Jobs Act of 2017.

Last December, Congress passed the Tax Cuts and Jobs Act of 2017 (TCJA), which, among other things, reduced the corporate tax rate from 35 percent to 21 percent effective Jan. 1, 2018. Following the passage of the new tax law, the PUCO invited comments on how to implement the tax reduction. Ultimately, the Oct. 24, 2018 PUCO Order determined that although a "one size fits all approach" would be inappropriate to address all of the issues raised by the TCJA, customers should receive the savings from the tax change as such savings were not intended to compensate the utilities or increase their respective rates of return. Accordingly, the PUCO directed Ohio's rate-regulated utility companies to file applications for "not for an increase in rates" to will allow the PUCO to examine how each utility would pass along the new law's tax savings to customers. Ohio's regulated public utilities are required to file their application for not an increase in rates by Jan. 1, 2019.

It is important to note that Ohio's municipal utilities are not subject to the PUCO Order and do not need to file an application.

Similar to the PUCO's actions, the Federal Energy Regulatory Commission (FERC) issued a Notice of Inquiry on March 15, 2018 to get input on the TCJA's effect on accumulated deferred income taxes and bonus depreciation. AMP and the American Public Power Association jointly filed comments supporting FERC action to ensure that the benefits of the cut in the corporate tax rate are flowed back to customers. FERC also instituted show cause orders to transmission owners with fixed transmission rates - which would not automatically account for the reduction in the corporate tax rate like formula transmission rates - to explain why they should not be required to file changes to their fixed rates.

AMP will continue to monitor and advocate for the benefits of the corporate tax cut to be returned to customers. If you have questions please contact me at lmcalister@amppartners.org or Kristin Rothey at krrothey@amppartners.org.

DEED grant applications now open, intern support soon to follow

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

DEED members can now apply for utility grants for the spring funding cycle, which can help fund innovative projects. DEED membership is included with AMP membership.



Applications must be submitted by Feb. 15, 2019, and applicants will be notified of the DEED board's funding decision in May 2019. Members may apply for up to \$125,000 in funding, though grants will typically be in the range of \$25,000-\$50,000. Grants are most frequently used to address energy efficiency, environmental, reliability, safety, security and telecommunications issues. DEED does not support projects that are standard system upgrades, normal maintenance or capital improvement projects.

Additionally, the spring scholarship cycle to receive funding support for an intern will open on Dec. 1, 2018. Applications for intern support must be submitted by Feb. 15, 2019.

For more information on these grants, visit the DEED [funding page](#) or contact DEED@publicpower.org.

Comments on state and federal greenhouse gas regulations

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

On Aug. 21, 2018, the Environmental Protection Agency (EPA) released a pre-publication version of the [Affordable Clean Energy \(ACE\) Rule](#), which is intended to replace the Clean Power Plan (CPP). AMP submitted comments to EPA on Oct. 30, 2018 that were generally supportive of the replacement rule and encouraged EPA to consider emissions averaging that would benefit or credit low carbon generation projects already completed.

In addition, on Oct. 10, 2018, the Ohio Environmental Protection Agency (OEPA) requested comment on Ohio's Greenhouse Gas (GHG) Tailoring Rules. AMP submitted comments to OEPA on Oct. 26, 2018 recommending that Ohio rules be updated to reflect recent court decisions establishing that Title V and New Source Review (NSR) permitting could not be triggered solely by GHG emissions.

AMP's comments can be accessed [here](#). For more information on either of these rules or comments, please contact me at 614.540.0946 or award@amppartners.org.

Greg Kuhlman, John Bair presented with Hard Hat Safety Awards

By Jim Eberly - safety/OSHA compliance coordinator

Greg Kuhlman, construction estimator/line foreman for the City of Napoleon, was presented with his Hard Hat Safety Award this week. Additionally, Dave Filippi, plant superintendent of Dover Light and Power and AMP Board of Trustees member presented John Bair, stationary fireman for Dover Light and Power - Generation, with his Hard Hat Safety Award.

Kuhlman and Bair were selected for this award because of their commitment to safety in the workplace.

Please join me in congratulating Greg and John on these well-deserved awards.



Greg Kuhlman (left) presented with his Hard Hat Safety Award



Dave Filippi presents John Bair (left) with his Hard Hat Safety Award

Columbus wins Bloomberg Climate Challenge Award

By Erin Miller - director of energy policy and sustainability

The City of Columbus was recently named winner of the Bloomberg Climate Challenge Award. Only 20 cities in the United States will win the award.

Columbus will receive more than \$2.5 million in funding and in-kind technical support to develop green policies and enlist public support to accelerate carbon emission reductions. The award will complement Smart Columbus, current efforts to reduce emissions from buildings across the city, the Columbus Green Community Plan and other initiatives.



Columbus has already reduced greenhouse gas emissions from city operations by 22.5 percent from 2005 to 2013, and in 2015, committed to further reduce emissions by 30 percent from city operations and 20 percent from private sector operations.

To learn more about the City of Columbus' environmental efforts [here](#).

Energy markets update

By Jerry Willman - assistant vice president of energy marketing

The December 2018 natural gas contract is now trading as the prompt month and it saw a decrease of \$0.024/MMBtu to close at \$3.237 yesterday. The EIA reported an injection of 48 Bcf for the week ending Oct. 26, which was below market expectations of 53 Bcf. The injection was below the five-year average of 62 Bcf. The build brought total U.S. working gas supply to 3,143 Bcf, a deficit of 638 (16.9 percent).

On-peak power prices for 2019 at AD Hub closed yesterday at \$37.99/MWh, which was \$0.20/MWh higher for the week.

On Peak (16 hour) prices into AEP/Dayton hub				
Week ending Nov. 2				
MON	TUE	WED	THU	FRI
\$39.38	\$36.68	\$34.34	\$39.07	\$38.46
Week ending Oct. 26				
MON	TUE	WED	THU	FRI
\$40.87	\$36.88	\$38.88	\$42.76	\$40.29
AEP/Dayton 2019 5x16 price as of Nov. 1 — \$37.99				
AEP/Dayton 2019 5x16 price as of Oct. 25 — \$37.79				

AFEC weekly update

By Jerry Willman

The AMP Fremont Energy Center (AFEC) was online last Oct. 26 and then shut down at midnight on Oct. 27 to start its two-week planned outage. Generators typically shut down in the fall for maintenance when loads and prices are generally lower and to prepare for the upcoming winter peak season. Duct firing operated for 17 hours this week. The plant generated at a 13 percent capacity factor (based on 675 MW rating).

Cicci joins AMP as director of human resources

By Tracy Reimbold - vice president of human resources and administrative services

Kim Cicci joined AMP on Oct. 29 as director of human resources. In her role with AMP, Cicci will work with senior management to create and maintain an employee culture that supports AMP's mission, vision and values, and will administer human resources functions in accordance with labor laws and AMP policies.

Prior to joining AMP, Cicci served as director of human resources for Keller Mortgage. She brings more than 20 years of HR experience. She holds a bachelor's degree in business administration from Bowling Green State University and a master's degree in human resources from the Keller Graduate School.



Please join me in welcoming Kim to AMP.

Register now for Webinars

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

- Reaching Tomorrow's Customers: Energy Education for the Next Generation **Nov. 13**
- Rallying the Troops: Internal Communications Best Practices **Nov. 27**

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



Classifieds

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

City of Piqua seeks applicants for power distribution manager

The Piqua Power System is recognized as a Reliable Public Power Provider (RP3) Diamond level designation by APPA and is seeking a Power Distribution Manager with leadership and electric

distribution skills. Visit [the City of Piqua website](#) for minimum qualifications and to to apply. Deadline for application is Nov. 16, 2018. Resumes will be subject to public disclosure. EOE.

City of Columbus seeks applicants for power distribution assistant manager

The City of Columbus Department of Public Utilities is seeking applicants for the position of Power Distribution Assistant Manager. This position is responsible for assisting with the planning, organizing and coordinating work projects in the Power Distribution Section. Other duties consist of assigning work to crews to ensure established priorities are met, approving work schedules, monitoring the work of staff in the substation, storeroom, underground, overhead, dispatching and street lighting sections to ensure smooth operations, and working closely with engineering personnel to plan construction projects.

To qualify you must have completed the twelfth school grade and have two years of experience as a power line worker supervisor II or cable worker supervisor II, or comparable experience. Substitution(s): A certificate of high school equivalence (GED) will be accepted in lieu of the twelfth school grade requirement. Must possess a valid driver's license. Salary \$78,938-\$118,407.

If you are interested, please submit an application to the Civil Service Commission by applying online at www.csc.columbus.gov by Nov. 9. Please attach a resume to your application. If you prefer to mail in a paper application, please mail it to the address below.

Pre-employment medical/drug screen and background investigation required if selected. EOE. Applicants may inspect and acquire a copy of the City of Columbus, Department of Public Utilities EEO Plan by visiting the DPU website at <http://utilities.columbus.gov/>.

Contact Person: Nikole Pettus
910 Dublin Road
Columbus, Ohio 43215
Phone (614) 645-1494
Fax (614) 645-0500
DPURecruitment@columbus.gov

City of Shelby seeks applicants for journeyman lineman

The City of Shelby is seeking applicants for the position of journeyman lineman for the Electric Department. Duties include the construction, repair and maintenance of the electric distribution grid, generating equipment and substations.

Applicants can apply by visiting the city website at www.shelbycity.oh.gov. A complete job description and application for employment can be obtained by clicking on the Employment Tab, or in-person by visiting our City Hall building located at 43 W. Main St. Pay rate - \$25.28 per hour plus an excellent benefits package. Applications will be accepted through Nov. 16 at 4:30 p.m.

City of Tipp City seeks applicants for electric lineman

The City of Tipp City Electric Department is seeking applicants for the position of journeyman lineman. The candidate will be under the direction of electric department supervisors with duties that include, but are not limited to:

- Operation of equipment used in the construction and maintenance of energized electric circuits, i.e. bucket truck, digger derrick, trencher, wire stringing equipment.
- Working at heights from bucket truck and with climbing equipment.
- Physical labor in the construction and maintenance of City owned facilities.
- Class "A" CDL with trailer certification will be required within 6 months of hire.
- Work on energized circuits up to and including 69,000 volts with proper safety equipment and tools.
- Preference given to licensed electricians.

The position has a starting pay of \$20.12 per hour for apprentice lineman and \$24.48 per hour for journeyman lineman. Random drug and alcohol testing is required. Work in inclement weather, on-call and non-traditional hours will be required.

Tipp City has an excellent wage and benefits package. Resume and application to: Tipp City Government Center, 260 S. Garber Dr. Tipp City, OH 45371. Attn: Joanna Pittenger, Human Resources. Resume and application are due by Nov. 2 at 5 p.m. Tipp City an Equal Opportunity Employer.

Village of Versailles seeks applicants for electric lineman

The Village of Versailles is seeking applicants for the position of electric lineman I or II. The candidate will be responsible for delivering reliable electric service to customers by performing inspections, maintenance, operations on substation, distribution and street light systems corresponding with their level of training. The candidate shall have a high school diploma or GED, a valid Ohio driver's license and be able to obtain a Class A CDL endorsement within six months of employment. The candidate shall also understand, or have the willingness to learn, how to operate equipment including but not limited to: bucket truck, digger derrick, backhoe, wood chipper, chain saw and dump truck; with a willingness to follow all current and future safety practices while maintaining equipment. The hourly compensation for this position shall be commensurate with qualifications and experience. The village offers an excellent benefit and retirement program.

A complete job description is available by contacting the Village of Versailles Administrative Office at 937.526.3294, or by visiting the Village of Versailles website at www.versaillesohio.cc. Please submit resume and cover letter to Rodd Hale, Village Administrator, Village of Versailles, 177 N. Center St., P.O. Box 288, Versailles, OH 45380 by Nov. 16 at 4:00 p.m. The Village of Versailles is an Equal Opportunity Employer.

City of Danville seeks applicants for director of Power & Light Division

The City of Danville, Va. Utilities Department is seeking applicants for the position of director for its Power & Light Division. The Power & Light director manages the overall operations of the city's electric system that serves approximately 42,000 homes and businesses from 17 substations in a 500-square mile service territory covering all of Danville and portions of a three county area. The system peaks at 220 MW and delivers 1 billion kWh annually. Danville Power & Light owns a small 10 MW hydroelectric facility and purchases generation from various resources. The balance of power distributed is purchased on the wholesale market. The director supervises approximately 75 staff members responsible for generation, distribution, construction and maintenance, substation operations and maintenance, engineering and meter servicing. Strong management skills required. Work is performed under the general supervision of the director of utilities.

The city is seeking applicants with experience combined to be equivalent to a bachelor's degree in electrical engineering or business administration, and preferably has seven to nine years of experience in energy utilities with considerable management experience. Possession of or ability to obtain Certification as a Professional Engineer in the Commonwealth of Virginia is desirable. Salary range: \$79,356-\$124,589 based on qualifications and experience. The position will remain open until filled. Apply online at jobs.danvilleva.gov. Equal Opportunity Employer.

Borough of Wampum seeks applicants for open position

The Borough of Wampum is seeking applicants for a fulltime employee. The job requires a minimum two years of experience in water and wastewater, with certifications in both fields. Applicants must also have some experience in the electric line field. The applicant should have experience with machinery used in the day-to-day operation of the borough, i.e. backhoe, dump truck, bucket truck, etc., along with knowledge of road maintenance. A valid driver's license is required.

The job will pay an hourly salary plus benefits. The employment application can be found on the borough's website at www.wampumboro.com and should be submitted to the borough along with a resume. If applying in person, the borough office is located at 355 Main St. Ext., Wampum, PA 16157, and office hours are Monday-Friday 8 a.m. to 3:30 p.m. The mailing address for Wampum Borough is P.O. Box 65, Wampum, PA 16157. Wampum Borough is an equal opportunity employer.

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