

January 2020

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 New Year's Day City Offices Closed	2	3	4
5	6 7:00 pm – City Council	7	8 6:30 pm - Special Parks and Rec Board Meeting	9	10	11
12	13 6:15 pm – Electric Committee 6:15 pm - Board of Public Affairs 7:00 pm – Water/Sewer Comm. 7:30 pm – Municipal Properties Committee	14	15	16	17	18
19	20 6:00 pm – Tree Commission Parks & Rec Comm. 7:00 pm – City Council	21	22	23	24	25
26	27 6:30 pm–Finance & Budget 7:30 pm – Safety and Human Resources Committee	28 4:30 pm - Civil Service Commission	29 6:30 pm - Parks and Rec Board Meeting	30	31	01 FEBRUARY 9:00 am Special Civil Service Commission Mtg.

City of Napoleon, Ohio

ELECTRIC COMMITTEE

Meeting Agenda

Monday, January 13, 2020 at 6:15 pm

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

- 1) Approval of Minutes: December 09, 2019 (In the absence of any objections or corrections, the Minutes shall stand approved)
- 2) Review/Approval of the Power Supply Cost Adjustment Factor for January 2020: PSCA 3-month averaged factor \$0.01695; JV2 \$0.062811
- 3) Update on Condition of Substations
- 4) Electric Department Reports
- 5) Any other matters to come before the Committee
- 6) Adjournment

Roxanne Dietrich

Roxanne Dietrich

Executive Assistant to Appointing Authority/Clerk of Council

City of Napoleon, Ohio
ELECTRIC COMMITTEE

Meeting Minutes

Monday, December 09, 2019 at 6:15 pm

PRESENT

Committee Members
Board of Public Affairs
City Manager
City Staff
Executive Assistant to Appointing
Authority (Clerk of Council)
Others

Ross Durham-Chair, Lori Sicclair, Joseph D. Bialorucki
Dr. David Cordes-Chair, Mike DeWit
Joel Mazur
Dennie Clapp-Electric Distribution Superintendent
Roxanne Dietrich
Brian Koeller-Northwest Signal

ABSENT

BOPA Member

Rory Prigge

Call to Order

Chairman Durham called the Electric Committee meeting to order at 6:15 pm.
Called the BOPA to order

Approval of Minutes

Hearing no corrections or objections, the minutes from the November 11, 2019
Electric Committee meeting stand approved as presented.

**Power Supply Cost
Adjustment Factor for
December 2019
Discussion**

Mazur stated these rates are one of the lowest we have had in the past few years. I do not foresee that this will be the norm. I do think we will see more fluctuations as time goes on. The Morgan Stanley contract is up next year. Dr. Cordes asked we want the number to go down right? Mazur replied *right*. The number will go down eventually but we are going to continue to see fluctuations. It all depends on usage and our generation. When you look at the detail sheets it will tell you what the energy charge is in terms of kilowatt hours, how many kWh we are being charged at what rate and then here is the amount. We are billed per kWh and get capacity credits and REC credits for some of the hydros and other credits. Dr. Cordes asked will the Morgan Stanley contract ending be a good thing? Mazur responded it is a good thing because right now based on all of our assets and portfolio, we are long on power. When we generate we are buying that power from AMP at a certain rate. AMP technically owns it even though we technically bought into the project at a certain percent. I don't have my folder with me to go through each individual line item; but, when they generate a lot we are buying more power. I took a one-day course on FTRs. Dr. Cordes asked what does that stand for, what did you learn? Mazur said it is a very complicated industry. FTR is Future Transmission Rights. FTR is if you have congestion on a line and get too much drawn into one location. Only so much can go through the lines without overloading them. If you get too much electricity running through the lines they will start sagging and failing and that will have a cascade effect like the rolling blackouts. Dr. Cordes stated so congestion is actually too much draw on the line not too much power sitting there and not used. Mazur replied *correct*. We are long on power right now because of the Morgan Stanley contract, because of generating resources. When that contract falls off we will not see the fluctuations like we are seeing and our rates will essentially go down.

**Motion to Accept the BOPA
Recommendation to
Approve the December
2019 PSCAF**

Passed
Yea-3
Nay-0

**Update on Condition of
Substations**

Motion: Siclair

Second: Bialorucki

to accept the Board of Public Affairs recommendation to approve the December 2019 Power Supply Cost Adjustment as three month averaged factor \$0.01350 and JV2 at \$0.009763.

Roll call vote on the above motion:

Yea-Bialorucki, Siclair, Durham

Nay-

Mazur said there were a couple of things from the minutes about each scenario and how they would affect the rates. First, if we do the substations ourselves how will that affect the rates. That would be based on an estimate. The other was if we went the AMP Transmission (AMPT) route how would that affect our rates. That would be the opposite. There were different subsets to moving forward, do we do it all at once, piece meal it or do we do certain sections. We will need to evaluate all. DeWit confirmed they are going to come in and explain, the consortium we will belong to (AMPT), they will make a presentation. Mazur responded yes, there is too much data to pull together in that amount of time. They can come in on multiple occasions. DeWit noted when they are ready. Mazur-we can talk about it conceptually if you want. DeWit-or better yet, give us something we can read about it. Rather than us trying to absorb it on the fly. I don't understand how it's free. I don't believe there is anything for free otherwise nobody would do it. Mazur said *but they do it*. DeWit-they cannot get \$9 million worth of substations and say you can have it for free; and, we will not charge you for the \$9 million worth of substations. They will charge you 1.1% and there will be a 10% surcharge for them holding that debt. You don't have to come in with the front end money because they are leasing it to you. If somebody isn't making money off of this, nobody is doing this. Mazur-I understand that. I don't know how many different ways I can explain it other than it is passed on to PGM who sets a zonal rate through the ATSI zone. Our rate payers, just on the Napoleon system, would absorb the whole cost and that would be applied to the rates. Or, AMPT can do it and pass it off to PGM who applies the cost to the entire ATSI zone. Dr. Cordes-which is one-fourth of the state. Instead of 9,000 people paying for it now we have how many thousands of people paying for it. DeWit-you are also paying for those millions of dollars' worth of people's distribution power too. It's not free. Dr. Cordes-but if it's a million dollars split among 10,000 people or split among however many people DeWit-but now it's not a million dollars anymore, it's a hundred million dollars because you are not only paying for ours, you are paying for everyone else's. Mazur said we are already paying for everyone else's, that is what is happening right now. Ever since I have been here we go to the legislative rally to dispute the projects that they are putting in and the way they are doing it. We are not disputing they are doing projects we are disputing the method by which they are doing the projects. The last time I referred to them as gold plated transmission. There is no incentive for the transmission owners to come in under budget because they are getting an automatic return on equity. DeWit-they get 10% on every dollar spent. Mazur-what I'm getting at is, PERC and NERC had to come up with a way for the private owners, the shareholders. A private company was getting paid so there is ownership in that. They had to devise a system to incentivize the investor owned utility. A way for the transmission owner to invest into the system so we would have more grid reliability and not cascading blackouts like we did in 2003. They are trying to prevent those sort of disaster scenarios. To do that they created a system which would incentivize investments so that they would keep building the system up. Just like anything, you give them an inch and they take a mile and are building larger very robust transmission systems. DeWit said it is the opposite extreme. The reason we died before was we had electrical lines that were practically touching the trees. As soon

as we over capacitized it blew everything up. We had to go and fix stuff that hadn't had anything done to it for over thirty years. Mazur said there was no payback for fixing them, it was deferred maintenance, decades of deferred maintenance. Dr. Cordes-without a doubt I think AMP will make money but the thing is instead of the City DeWit-AMP will try to learn to make money they aren't doing it now, we are the guinea pig. Dr. Cordes-we are already paying for a substation and maintenance and people are getting that free farther on down the line. What AMP wants to do is buy it and that debt is off of us. They are going to spread the costs over a million some people. So, if you say we are going to be paying a dollar we are all going to be paying two or three cents, everybody will be paying two or three cents. DeWit-I don't know how AMP figures into this. AMP does not do distribution that much, they are trying to learn it. Mazur-there is a trifecta of the electric system, that is generation, distribution and transmission. Distribution is what we do, transmission is wholesale delivery and generation is making power. The first one that we did was to get out of NERC compliance, the regulatory side. What we are talking about now with the other substations, is a deferred cost rather than us having to pay for it. We won't have to pay for that cost, we can spread it out all over the ATSI zone. What we don't have in the last contract and I'm going to make sure, if this goes and is recommended and approved by Council, is to make sure we have a buy back provision. There's a big difference, a first right of refusal is if they decide to sell it we get the right to intervene and say we would prefer to buy it back. DeWit-who is going to be owning that? Mazur-AMPT will. DeWit-AMPT how much does AMP Transmission own right now? Mazur-they own three different substations but are rapidly growing. DeWit-well yea if we give them three they double. Mazur- Bowling Green is the fourth delivery point and it is all new construction. DeWit-will they have AMPT own it? Bowling Green has made that decision? Mazur-yes. They are in the process, their Council just approved signing the agreement with AMPT to start a project. It is probably a five to six million-dollar project. Dr. Cordes-we are taking nine million and instead of us paying for it we are spreading it amongst a fourth of the state, we will have to pay a little bit. Mazur-I get your point I don't want to say it is a what if scenario, it is more of an insurance policy. You know *what* if the rules change and the AMPT things does not work out or something else comes along down the road that limits us, we don't want to be viewed as making a recommendation to sell our soul to AMP Transmission. We don't control our own destiny. What a buy back provision would do is allow us at any time we want to buy back the assets for book value. Their time is already going to be factored into the rate recovery portion of the whole construction of how the rates get passed. The costs get passed to PGM who then spreads it out amongst the entire rate base of the transmission sight. Basically a buy back provision, let's say going with AMPT doesn't work out or we don't like how things are going we will just buy it back for that book value with amenities. DeWit said if we buy it back they are actually owning our substation Mazur-it's transmission absolutely. Dr. Cordes-if you buy it back you are also taking on the liability. DeWit-we have always owned our substation we have always paid for our substations there is no more risk for us owning the substation than it is for them because we are they guys maintaining it. We are also going to be the guys paying for it in the long run it Dr. Cordes-we are going to have a lot more people chipping in to pay for it we will not be paying for it it is going to be a quarter of the state chipping in to pay for it. DeWit-so we are getting it for free. Dr. Cordes-not for free but at a reduced cost. Mazur-so when First Energy builds a new transmission like the one out on Road 11 guess who is paying for that. We don't have any control over that and we are paying about 1/10,000 the cost of that. So, when we do ours, say under the scenario that AMPT takes it over, who is paying for that? We are paying 1/10,000 of that. I'm just throwing a number around it is an astronomically low number. Dr. Cordes-because the cost is shared amongst a lot of people. DeWit-part of it you can understand

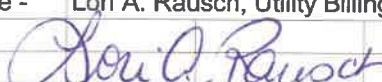
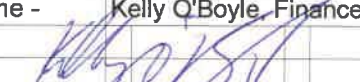
because of the transmission. The substations we have are closer to distribution than transmission. Mazur-that is a great point transmission is not going to take anything on though. DeWit-I can understand where we all pay for transmission someone has to pay for the lines. But when you are dealing with a substation you are getting pretty close to getting into distribution. You only put a substation up where you are using power. You aren't moving power you are just changing it and sending it from there to the customer. Mazur-they consider it integrated transmission so they are getting rate recovery. We are not giving or selling anything to them that is not going to get a rate recovery. It has to go through the ATSI zone. I'm not saying through us I'm saying through the ATSI zone. DeWit-Well us is them once you do it you become them Mazur-1/10,000 of it. DeWit-but 1/10,000 of it if I don't know how much I'm paying for Cleveland. Mazur-you don't have a choice. You are already paying for Cleveland. Why not have Cleveland pay for us? DeWit-Cleveland right now is calling their secondary substations like we have, they are considering them transmission devices. Dr. Cordes-there is only three of them with AMP. DeWit-there must be a whole bunch of other ones doing that otherwise why would they do it. Mazur-are you saying Cleveland Public Power or First Energy? Cleveland Public Power does not cover all of Cleveland, it covers a piece of it. DeWit-you told me there are thirty million people paying besides us. Mazur-yes that's right. All throughout the ATSI zone. DeWit-it would be neat if we could to get some information so we can read it, we don't need to do it here. You have all kinds of information at your fingertips. Mazur-I will have to get you one on just regulatory transmission organizations. DeWit-you spend \$9 million and they get 10% made on every dollar spent. Dr. Cordes-other communities are doing the same thing why should we pay for it when we can cost share it amongst a quarter of the state. So, we either take advantage of it or we don't. Mazur-everybody in the City of Napoleon is already paying for all of the improvements being made to the First Energy transmission assets. First Energy is getting rate recovery on substations that is why we are having this discussion. Dr. Cordes-are you getting any of the legislators attention? Mazur-yes there is review process. FERC for the first time denied a project. No one is saying we don't need to do transmission projects. They are disputing how the money is spent and the 10% return. Building projects and baseline projects get submitted and there is a review process to be looked at to make sure the project is worth doing. What they are doing now is loading the supplemental projects to bend the rules. Someone figured out how to abuse the system and are dumping all projects into the supplemental bucket. That is what is getting the most attention. The consumer groups are now on board. It is costing us millions of dollars because they want to run the rates up through the transmission charges. That is getting more attention from the consumer groups who have a better understanding of their rates. What I'm trying to say, I will have something put in packets at some point when we get the right presentation for RTO's. The AMPT concept would then be at a later date. We will still keep this item on the agenda. DeWit-this is something we have to learn. Who is the group that decides who gets the project, who sets on that board, who decides if we do or don't get new transformers? Mazur-it's through the AMP Board. Dr. Cordes- like he said if we sell it to them we could write in things like if we want soybean oil instead of the mineral oil for the fire hazard aspect. Mazur-it has to be recoverable if it's not recoverable then it's out of our, we don't want to create any unrealistic expectations. Dr. Cordes-could this be a questionable transmission project? Mazur replied I'd say *no*, and here's why. It's integrated transmission and nobody has ever argued through this whole process that these transmission projects that they are doing aren't needed. As long as you can consider it integrated. Dr. Cordes-if we can cost share that make senses. Why spend an extra nine million? DeWit-cost share is cool as long as you are the guy that gets to determine how big your share is. Dr. Cordes-everybody else is going to be looking at cost sharing. DeWit-if you aren't in control of cost sharing you can get

Electric Department Reports

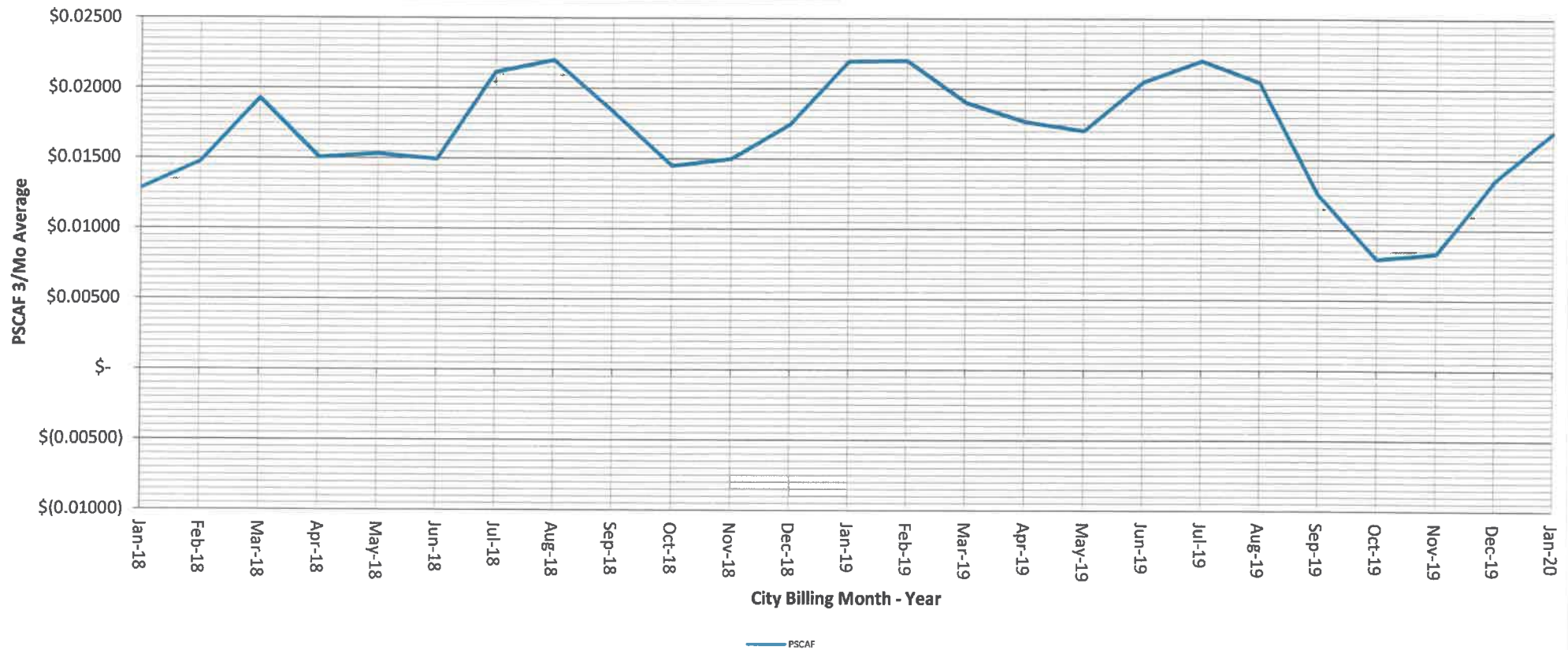
CITY OF NAPOLEON, OHIO - PSCAF

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 kWh Cost		Rolling 3 Month Average Cost	Less: Fixed Base Power Supply Cost	PSCA Dollar Difference + or (-)	PSCA-Corrted. 3 MONTH AVG.FACTOR + Line Loss
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
		Actual Billed	Actual Billed w/Cr's	c + prior 2 Mo	d + prior 2 Mo	f / e	\$0.07194 Fixed	g + h	i X 1.075
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
Oct'18	Dec'18	12,827,093	\$ 1,201,860.98	41,657,105	\$ 3,674,200.88	\$ 0.08820	\$ (0.07194)	\$ 0.01626	\$ 0.01748
Nov'18	Jan'19	12,694,035	\$ 1,177,330.24	38,716,898	\$ 3,576,507.93	\$ 0.09238	\$ (0.07194)	\$ 0.02044	\$ 0.02197
Dec'18	Feb'19	12,936,598	\$ 1,175,315.11	38,457,726	\$ 3,554,506.33	\$ 0.09243	\$ (0.07194)	\$ 0.02049	\$ 0.02203
Jan'19	Mar'19	13,516,644	\$ 1,157,412.90	39,147,277	\$ 3,510,058.25	\$ 0.08966	\$ (0.07194)	\$ 0.01772	\$ 0.01905
Feb'19	Apr'19	12,112,198	\$ 1,076,627.71	38,565,440	\$ 3,409,355.72	\$ 0.08840	\$ (0.07194)	\$ 0.01646	\$ 0.01769
Mar'19	May'19	12,476,648	\$ 1,111,471.41	38,105,490	\$ 3,345,512.02	\$ 0.08780	\$ (0.07194)	\$ 0.01586	\$ 0.01705
Apr'19	June'19	10,913,916	\$ 1,043,515.66	35,502,762	\$ 3,231,614.78	\$ 0.09102	\$ (0.07194)	\$ 0.01908	\$ 0.02051
May'19	July'19	11,554,553	\$ 1,074,988.04	34,945,117	\$ 3,229,975.11	\$ 0.09243	\$ (0.07194)	\$ 0.02049	\$ 0.02203
June'19	Aug'19	12,448,976	\$ 1,059,406.09	34,917,445	\$ 3,177,909.79	\$ 0.09101	\$ (0.07194)	\$ 0.01907	\$ 0.02050
July'19	Sep'19	15,467,755	\$ 1,165,669.13	39,471,284	\$ 3,300,063.26	\$ 0.08361	\$ (0.07194)	\$ 0.01167	\$ 0.01255
Aug'19	Oct'19	14,297,705	\$ 1,123,690.94	42,214,436	\$ 3,348,766.16	\$ 0.07933	\$ (0.07194)	\$ 0.00739	\$ 0.00794
Sep'19	Nov'19	12,810,364	\$ 1,102,711.16	42,575,824	\$ 3,392,071.23	\$ 0.07967	\$ (0.07194)	\$ 0.00773	\$ 0.00831
Oct'19	Dec'19	12,026,480	\$ 1,080,410.22	39,134,549	\$ 3,306,812.32	\$ 0.08450	\$ (0.07194)	\$ 0.01256	\$ 0.01350
Nov'19	Jan'20	12,466,183	\$ 1,088,822.82	37,303,027	\$ 3,271,944.20	\$ 0.08771	\$ (0.07194)	\$ 0.01577	\$ 0.01695 >Up
* Total Includes Other (-) Credits / (+) Debits in Purchased Power Costs, Not Listed on AMP Billings:									
PSCAF - Preparers Signature:					PSCAF - Reviewers Signature:				
Name - Lori A. Rausch, Utility Billing Administrator					Name - Kelly O'Boyle, Finance Director				
									
12/19/2019					12/19/2019				

Power Supply Cost Adjustment Factor - PSCAF



BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - JANUARY, 2020									
2020 - JANUARY BILLING WITH NOVEMBER 2019 AMP BILLING PERIOD AND DECEMBER 2019 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	NOVEMBER, 2019	30	21.942						
City-System Data Month	DECEMBER, 2019	31							
City-Monthly Billing Cycle	JANUARY, 2020	31							
=====CONTRACTED AND OPEN MARKET POWER=====									
PURCHASED POWER-RESOURCES ->	AMP CT	ENERGY	SCHED. @ PJMC	MORGAN STNLY	NORTHERN	JV-2	AMP-HYDRO	MELDAHL-HYDRO	GREENUP HYDRO
	SCHED. @ ATSI	SCHEDULED	REPLMT @ PJMC	7x24 @ AD	POOL	PEAKING	CSW	SCHED. @	SCHED. @
Delivered kWh (On Peak) ->	9,278	0	3,648,900	2,736,000	772,197	20	2,166,803	294,112	178,863
Delivered kWh (Off Peak) ->					84,019				
Delivered kWh (Replacement/Losses/Offset) ->									
Delivered kWh/Sale (Credits) ->					-464,622				
Net Total Delivered kWh as Billed ->	9,278	0	3,648,900	2,736,000	391,594	20	2,166,803	294,112	178,863
Percent % of Total Power Purchased->	0.0744%	0.0001%	29.2704%	21.9474%	3.1413%	0.0002%	17.3814%	2.3593%	1.4348%
COST OF PURCHASED POWER:									
DEMAND CHARGES (+Debits)									
Demand Charges	\$33,212.27	\$38,054.14	\$56,969.08			\$655.57	\$174,025.50	\$13,338.52	\$7,776.92
Debt Services (Principal & Interest)		\$43,488.86	\$112,073.04						
DEMAND CHARGES (-Credits)									
Transmission Charges (Demand-Credits)	-\$43,529.85					-\$823.90			
Capacity Credit	-\$32,957.19	-\$20,416.31	-\$10,877.02			-\$818.35	-\$2,453.83	-\$1,209.60	-\$638.14
Sub-Total Demand Charges	-\$43,274.77	\$61,126.69	\$158,165.10	\$0.00	\$0.00	-\$986.68	\$171,571.67	\$12,128.92	\$7,138.78
ENERGY CHARGES (+Debits):									
Energy Charges - (On Peak)	\$840.16	\$0.00	\$28,634.88	\$172,231.20	\$31,467.66		\$78,004.91	\$10,588.02	\$1,609.77
Energy Charges - (Replacement/Off Peak)					\$3,750.61				
Net Congestion, Losses, FTR		\$0.00	\$10,822.34	-\$223.77			\$6,638.53	-\$89.97	\$61.18
Transmission Charges (Energy-Debits)			\$16,050.91						
ESPP Charges									
Bill Adjustments (General & Rate Levelization)		\$0.00				\$2.95			
ENERGY CHARGES (-Credits or Adjustments):									
Energy Charges - On Peak (Sale or Rate Stabilization)					-\$10,621.68				
Net Congestion, Losses, FTR					\$4,128.55				
Bill Adjustments (General & Rate Levelization)			-\$19,339.17				-\$13,000.82	-\$1,764.67	-\$1,073.18
Sub-Total Energy Charges	\$840.16	\$0.00	\$36,168.96	\$172,007.43	\$28,725.14	\$2.95	\$71,642.62	\$8,733.38	\$597.77
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	-\$42,434.61	\$61,126.69	\$194,334.06	\$172,007.43	\$28,725.14	-\$983.73	\$243,214.29	\$20,862.30	\$7,736.55
Percent % of Total Power Cost->	-3.8973%	5.6140%	17.8481%	15.7976%	2.6382%	-0.0903%	22.3374%	1.9160%	0.7105%
Purchased Power Resources - Cost per kWh->	-\$4.573681	\$0.000000	\$0.053258	\$0.062868	\$0.073354	-\$49.186500	\$0.112246	\$0.070933	\$0.043254

BILLING SUMMARY AND CONS

2020 - JANUARY BILLING WITH NOVEMBER 20

PREVIOUS MONTH'S POWER BILLS - PU**DATA PERIOD**

AMP-Ohio Bill Month
 City-System Data Month
 City-Monthly Billing Cycle

	=====WIND=====		===SOLAR===		===TRANSMISSION, SERVICE FEES & MISC. CONTRACTS===				
(	NYPH	JV-5	JV-6	AMP SOLAR	EFFNCY.SMART	TRANSMISSION	SERVICE FEES	MISCELLANEOUS	TOTAL -
PURCHASED POWER-RESOURCES -> (	HYDRO	HYDRO	WIND	PHASE 1	POWER PLANT	CHARGES	DISPATCH, A & B	CHARGES &	ALL
(	SCHED. @ NYIS	7x24 @ ATSI	SCHED. @ ATSI	SCHED. @ ATSI	2017 - 2020	Other Charges	Other Charges	LEVELIZATION	RESOURCES
Delivered kWh (On Peak) ->	681,777	2,223,360	34,954	68,019	0	0	0	0	12,814,283
Delivered kWh (Off Peak) ->									84,019
Delivered kWh (Replacement/Losses/Offset) ->		32,503							32,503
Delivered kWh/Sale (Credits) ->									-464,622
Net Total Delivered kWh as Billed ->	681,777	2,255,863	34,954	68,019	0	0	0	0	12,466,183
Percent % of Total Power Purchased->	5.4690%	18.0959%	0.2804%	0.5456%	0.0000%	0.0000%	0.0000%	0.0000%	100.0002%
								Verification Total - >	100.0000%
COST OF PURCHASED POWER:									
DEMAND CHARGES (+Debits)									
Demand Charges	\$6,262.98	\$31,085.29	\$682.37			\$148,012.82			\$510,075.46
Debt Services (Principal & Interest)		\$55,367.84							\$210,929.74
DEMAND CHARGES (-Credits)									
Transmission Charges (Demand-Credits)		-\$15,001.43	-\$136.05	-\$2,890.30					-\$62,381.53
Capacity Credit	-\$2,851.75	-\$9,237.08	-\$234.83	-\$1,689.27					-\$83,383.37
Sub-Total Demand Charges	\$3,411.23	\$62,214.62	\$311.49	-\$4,579.57	\$0.00	\$148,012.82	\$0.00	\$0.00	\$575,240.30
ENERGY CHARGES (+Debits):									
Energy Charges - (On Peak)	\$7,992.23	\$40,915.47		\$2,605.14		\$3,775.92			\$378,665.36
Energy Charges - (Replacement/Off Peak)									\$3,750.61
Net Congestion, Losses, FTR	\$3,142.04								\$20,350.35
Transmission Charges (Energy-Debits)									\$16,050.91
ESPP Charges					\$16,959.16				\$16,959.16
Bill Adjustments (General & Rate Levelization)									\$2.95
ENERGY CHARGES (-Credits or Adjustments):									
Energy Charges - On Peak (Sale or Rate Stabilization)									-\$10,621.68
Net Congestion, Losses, FTR									\$4,128.55
Bill Adjustments (General & Rate Levelization)	-\$704.85								-\$35,882.69
Sub-Total Energy Charges	\$10,429.42	\$40,915.47	\$0.00	\$2,605.14	\$16,959.16	\$3,775.92	\$0.00	\$0.00	\$393,403.52
TRANSMISSION & SERVICE CHARGES, MISC.:									
RPM / PJM Charges Capacity - (+Debit)						\$110,068.46			\$110,068.46
RPM / PJM Charges Capacity - (-Credit)									\$0.00
Service Fees AMP-Dispatch Center - (+Debit/-Credit)							\$0.00		\$0.00
Service Fees AMP-Part A - (+Debit/-Credit)							\$2,867.34		\$2,867.34
Service Fees AMP-Part B - (+Debit/-Credit)							\$7,243.20		\$7,243.20
Other Charges & Bill Adjustments - (+Debit/-Credit)									\$0.00
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$110,068.46	\$10,110.54	\$0.00	\$120,179.00
TOTAL NET COST OF PURCHASED POWER	\$13,840.65	\$103,130.09	\$311.49	-\$1,974.43	\$16,959.16	\$261,857.20	\$10,110.54	\$0.00	\$1,088,822.82
Percent % of Total Power Cost->	1.2712%	9.4717%	0.0286%	-0.1813%	1.5576%	24.0496%	0.9286%	0.0000%	100.000%
								Verification Total - >	\$1,088,822.82
Purchased Power Resources - Cost per kWh->	\$0.020301	\$0.045716	\$0.008911	-\$0.029028	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.087342
									(Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWh) = JV2 Electric Service Rate - >
									(Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWh) = JV5 Electric Service Rate - >



AMERICAN MUNICIPAL POWER, INC.

1111 Schrock Rd, Suite 100

COLUMBUS, OHIO 43229

PHONE: (614) 540-1111

FAX: (614) 540-1078

City of Napoleon

Attn: Finance Director

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

Napoleon, Ohio 43545-0151

INVOICE NUMBER: 207993

INVOICE DATE: 12/17/2019

DUE DATE: 1/2/2020

TOTAL AMOUNT DUE: \$1,088,822.82

CUSTOMER NUMBER: 5020

CUSTOMER P.O. #: RG10046

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

Northern Power Pool Billing - November, 2019

MUNICIPAL PEAK: 21,942 kW
TOTAL METERED ENERGY: 12,488,276 kWh

Total Power Charges:	\$816,855.08
Transmission / Capacity / Ancillary Services:	\$261,857.20
Total Other Charges:	\$10,110.54
Total Miscellaneous Charges:	\$0.00

GRAND TOTAL POWER INVOICE:	\$1,088,822.82
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DETAIL INFORMATION OF POWER CHARGES November , 2019
Napoleon

FOR THE MONTH OF:

November, 2019

Total Metered Load kWh:	12,488,276
Transmission Losses kWh:	-22,093
Distribution Losses kWh:	0
Total Energy Req. kWh:	12,466,183

TIME OF FENTS PEAK:	11/13/2019 @ H.E. 11:00
TIME OF MUNICIPAL PEAK:	11/13/2019 @ H.E. 11:00
TRANSMISSION PEAK:	September 5, 2018 15:00

COINCIDENT PEAK kW:	21,942
MUNICIPAL PEAK kW:	21,942
TRANSMISSION PEAK kW:	30,468
PJM Capacity Requirement kW:	30,052

Napoleon Resources

AMP CT - Sched @ ATSI

Demand Charge:	\$2.678409	/ kW *	12,400 kW =	\$33,212.27
Energy Charge:	\$0.090550	/ kWh *	9,278 kWh =	\$840.16
Transmission Credit:	\$3.510472	/ kW *	-12,400 kW =	-\$43,529.85
Capacity Credit:	\$2.657838	/ kW *	-12,400 kW =	-\$32,957.19
Subtotal			9,278 kWh =	-\$42,434.61

Fremont - sched @ Fremont

Demand Charge:	\$4.340567	/ kW *	8,767 kW =	\$38,054.14
Capacity Credit:	\$2.328744	/ kW *	-8,767 kW =	-\$20,416.31
Debt Service	\$4.960467	/ kW	8,767 kW	\$43,488.86
Subtotal			0 kWh =	\$61,126.69

AMP Hydro CSW - Sched @ PJMC

Demand Charge:	\$49.750000	/ kW *	3,498 kW =	\$174,025.50
Energy Charge:	\$0.036000	/ kWh *	2,166,803 kWh =	\$78,004.91
Net Congestion, Losses, FTR:	\$0.003064	/ kWh *		\$6,638.53
Capacity Credit:	\$0.701495	/ kW *	-3,498 kW =	-\$2,453.83
REC Credit (Estimate)	-\$0.006000	/ kWh	2,166,803 kWh	-\$13,000.82
Subtotal			2,166,803 kWh =	\$243,214.29

Meldahl Hydro - Sched @ Meldahl Bus

Demand Charge:	\$26.465317	/ kW *	504 kW =	\$13,338.52
Energy Charge:	\$0.036000	/ kWh *	294,112 kWh =	\$10,588.02
Net Congestion, Losses, FTR:	-\$0.000306	/ kWh *		-\$89.97
Capacity Credit:	\$2.400000	/ kW *	-504 kW =	-\$1,209.60
REC Credit (Estimate)	-\$0.006000	/ kWh *	294,112 kWh =	-\$1,764.67
Subtotal			294,112 kWh =	\$20,862.30

JV6 - Sched @ ATSI

Demand Charge:	\$2.274567	/ kW *	300 kW =	\$682.37
Energy Charge:			34,954 kWh =	
Transmission Credit:	\$0.453500	/ kW *	-300 kW =	-\$136.05
Capacity Credit:	\$0.782767	/ kW *	-300 kW =	-\$234.83
Subtotal			34,954 kWh =	\$311.49

Greenup Hydro - Sched @ Greenup Bus

Demand Charge:	\$23.566424	/ kW *	330 kW =	\$7,776.92
Energy Charge:	\$0.009000	/ kWh *	178,863 kWh =	\$1,609.77
Net Congestion, Losses, FTR:	\$0.000342	/ kWh *		\$61.18
Capacity Credit:	\$1.933758	/ kW *	-330 kW =	-\$638.14
REC Credit (Estimate)	-\$0.006000	/ kWh *	178,863 kWh =	-\$1,073.18
Subtotal			178,863 kWh =	\$7,736.55

Prairie State - Sched @ PJMC

Demand Charge:	\$11.448770	/ kW *	4,976 kW =	\$56,969.08
Energy Charge:	\$0.007848	/ kWh *	3,648,900 kWh =	\$28,634.88
Net Congestion, Losses, FTR:	\$0.002966	/ kWh *		\$10,822.34
Capacity Credit:	\$2.185896	/ kW *	-4,976 kW =	-\$10,877.02
Debt Service	\$22.522717	/ kW	4,976 kW	\$112,073.04
Transmission from PSEC to PJM/MISO, including non-Prairie State variable charges/credits	\$0.004399	/ kWh	3,648,900 kWh	\$16,050.91
Board Approved Rate Levelization				-\$19,339.17
Subtotal			3,648,900 kWh =	\$194,334.06

NYPA - Sched @ NYIS

Demand Charge:	\$6.662745	/ kW *	940 kW =	\$6,262.98
Energy Charge:	\$0.011723	/ kWh *	681,777 kWh =	\$7,992.23
Net Congestion, Losses, FTR:	\$0.004609	/ kWh *		\$3,142.04
Capacity Credit:	\$3.050000	/ kW *	-935 kW =	-\$2,851.75
Adjustment for prior month:				-\$704.85
Subtotal			681,777 kWh =	\$13,840.65

JV5 - 7X24 @ ATSI

Demand Charge:	\$10.066480	/ kW *	3,088 kW =	\$31,085.29
Energy Charge:	\$0.018403	/ kWh *	2,223,360 kWh =	\$40,915.47
Transmission Credit:	\$4.857976	/ kW *	-3,088 kW =	-\$15,001.43
Capacity Credit:	\$2.991282	/ kW *	-3,088 kW =	-\$9,237.08
Debt Service (current month)	\$17.930000	/ kW	3,088 kW	\$55,367.84
Subtotal			2,223,360 kWh =	\$103,130.09

JV5 Losses - Sched @ ATSI

Energy Charge:			32,503 kWh	
Subtotal			32,503 kWh =	\$0.00

JV2 - Sched @ ATSI

Demand Charge:	\$2.483220	/ kW *	264 kW =	\$655.57
Energy Charge:			20 kWh	
Transmission Credit:	\$3.120833	/ kW *	-264 kW =	-\$823.90
Capacity Credit:	\$3.099811	/ kW *	-264 kW =	-\$818.35
JV2 Project Fuel Costs not recovered through Energy Sales to Market				\$2.95
Subtotal			20 kWh =	-\$983.73

DETAIL INFORMATION OF POWER CHARGES November , 2019
Napoleon

AMP Solar Phase I - Sched @ ATSI

Demand Charge:		1,040 kW	
Energy Charge:	\$0.038300 / kWh *	68,019 kWh =	\$2,605.14
Transmission Credit:			-\$2,890.30
Capacity Credit:	\$1.624298 / kW *	-1,040 kW =	-\$1,689.27
Subtotal		68,019 kWh =	-\$1,974.43

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:	-\$0.000082 / kWh *		-\$223.77
Subtotal		2,736,000 kWh =	\$172,007.43

Efficiency Smart Power Plant 2017-2020

ESPP 2017-2020 obligation @ \$1.400 /MWh x 145,364.3 MWh / 12			\$16,959.16
Subtotal		0 kWh =	\$16,959.16

Northern Power Pool:

On Peak Energy Charge: (M-F HE 08-23 EDT)	\$0.040751 / kWh *	772,197 kWh =	\$31,467.66
Off Peak Energy Charge:	\$0.044640 / kWh *	84,019 kWh =	\$3,750.61
Sale of Excess Non-Pool Resources to Pool	\$0.022861 / kWh *	-464,622 kWh =	-\$10,621.68
Pool Congestion Hedge			\$4,128.55
Subtotal	\$0.073354 / kWh *	391,594 kWh =	\$28,725.14

Total Demand Charges:

Total Energy Charges:

Total Power Charges:

12,466,183 kWh

\$816,855.08

TRANSMISSION / CAPACITY / ANCILLARY SERVICES:

Demand Charge:	\$4.857976 / kW *	30,468 kW =	\$148,012.82
Energy Charge:	\$0.000369 / kWh *	10,242,823 kWh =	\$3,775.92
RPM (Capacity) Charges:	\$3.662600 / kW *	30,052 kW =	\$110,068.46
TRANSMISSION / CAPACITY / ANCILLARY SERVICES:	\$0.025565 / kWh *	10,242,823 kWh =	\$261,857.20

Service Fee Part A,

Based on Annual Municipal Sales

\$0.000229 / kWh * 150,253,707 kWh 1/12 = \$2,867.34

Service Fee Part B,

Energy Purchases

\$0.000580 /kWh * 12,488,276 kWh = \$7,243.20

TOTAL OTHER CHARGES:

\$10,110.54

GRAND TOTAL POWER INVOICE:

\$1,086,822.82

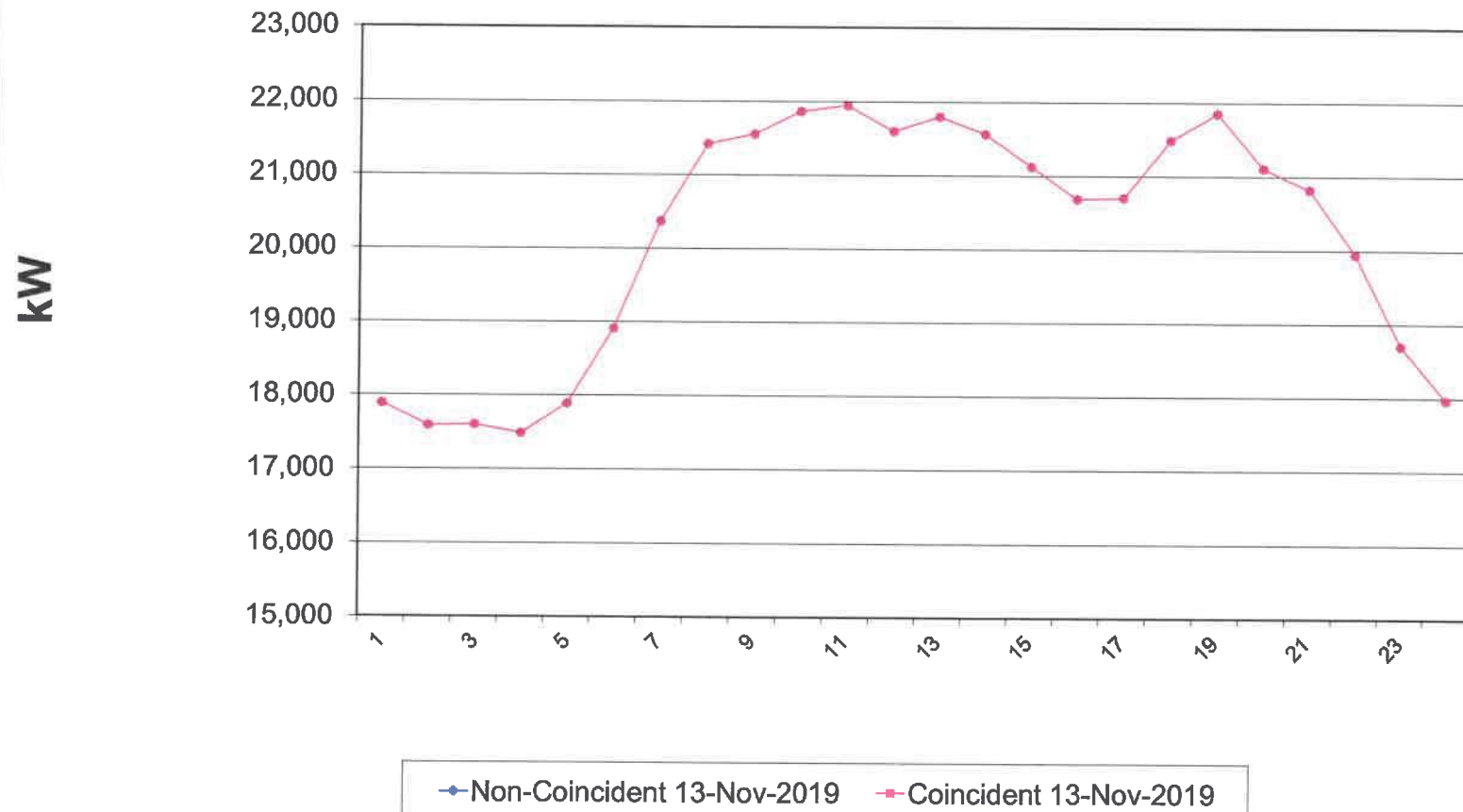
Napoleon Capacity Plan - Actual													
Nov	2019	ACTUAL DEMAND =		21.94	MW								
Days	30	ACTUAL ENERGY =		12,488	MWH								
	SOURCE (1)	DEMAND MW (2)	DEMAND MW-MO (3)	ENERGY MWH (4)	LOAD FACTOR (5)	DEMAND RATE \$/KW (6)	ENERGY RATE \$/MWH (7)	CONGESTION/L OSSES \$/MWH (8)	CAPACITY CREDIT RATE \$/KW (9)	TRANSMISSION CREDIT RATE \$/KW (10)	TOTAL CHARGES (16)	EFFECTIVE RATE \$/MWH (17)	% OF DOLLARS (18)
1	NYPA - Ohio	0.94	0.94	682	101%	\$6.66	\$10.69	\$4.61	-\$3.03	\$0.00	\$13,841	\$20.30	1.3%
2	JV5	3.09	3.09	2,223	100%	\$28.00	\$18.43	\$0.00	-\$2.99	-\$4.86	\$103,183	\$46.41	9.5%
3	JV5 Losses	0.00	0.00	33	0%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0	\$0.00	0.0%
4	JV6	0.30	0.30	35	16%	\$2.27	\$0.00	\$0.00	-\$0.45	-\$0.78	\$311	\$8.91	0.0%
5	AMP-Hydro	3.50	3.50	2,167	86%	\$49.75	\$30.00	\$3.06	-\$0.70	\$0.00	\$243,214	\$112.25	22.4%
6	Meldahl	0.50	0.50	294	81%	\$26.47	\$30.00	-\$0.31	-\$2.40	\$0.00	\$20,862	\$70.93	1.9%
7	Greenup	0.33	0.33	179	75%	\$23.57	\$3.00	\$0.34	-\$1.93	\$0.00	\$7,737	\$43.25	0.7%
8	AFEC	8.77	8.77	0	0%	\$9.30	\$0.00	\$0.00	-\$2.33	\$0.00	\$61,127	\$0.00	5.6%
9	Prairie State	4.98	4.98	3,649	102%	\$33.97	\$6.95	\$2.97	-\$2.19	\$0.00	\$194,334	\$53.26	17.9%
10	AMP Solar Phase I	1.04	1.04	68	9%	\$0.00	\$38.30	\$0.00	-\$1.62	-\$2.78	-\$1,974	-\$29.03	-0.2%
11	Morgan Stanley 2015-2020 7x24	3.80	3.80	2,736	100%	\$0.00	\$62.95	-\$0.08	\$0.00	\$0.00	\$172,007	\$62.87	15.8%
12	AMPCT	12.40	12.40	9	0%	\$2.68	\$90.55	\$0.00	-\$2.66	-\$3.51	-\$42,435	-\$4,573.47	-3.9%
13	JV2	0.26	0.26	0	0%	\$2.48	\$0.00	\$0.00	-\$3.10	-\$3.12	-\$984	\$0.00	-0.1%
14	NPP Pool Purchases	0.00	0.00	856	0%	\$0.00	\$45.95	\$0.00	\$0.00	\$0.00	\$39,341	\$45.95	3.6%
15	NPP Pool Sales	0.00	0.00	-465	0%	\$0.00	\$22.86	\$0.00	\$0.00	\$0.00	-\$10,622	\$22.86	-1.0%
POWER TOTAL		39.91	39.91	12,466	43%	\$572.962	\$352.385	\$1.63	-\$53.285	-\$62.480	\$799,943	\$64.17	73.7%
16	Energy Efficiency			0		\$0.00	\$0.00				\$16,959	\$0.00	1.6%
17	Installed Capacity	30.05	30.05			\$3.66					\$110,068	\$8.81	10.1%
18	Transmission	30.47	30.47	10,243		\$4.86	\$0.37				\$151,787	\$12.15	14.0%
19	Service Fee B			12,488			\$0.58				\$7,243	\$0.58	0.7%
20	Dispatch Charge			12,488			\$0.00				\$0	\$0.00	0.0%
OTHER TOTAL						\$258,081	\$27.976				\$286,058	\$22.91	25.3%
GRAND TOTAL PURCHASED				12,466							\$1,086,000		
Delivered to members:		21.942	21.942	12,488	79%						\$1,086,000	\$86.96	100.0%
2019 Forecast		DEMAND		ENERGY	L.F.						TOTAL \$	\$/MWh	Avg Temp
2018 Actual		21.42		12,603	82%						\$1,072,602	\$85.11	41.2
2017 Actual		22.14		12,710	80%						\$1,174,556	\$92.42	36.7
		21.15		12,442	82%						\$1,205,587	\$96.90	41.5
											Actual Temp		37.6

NAPOLEON

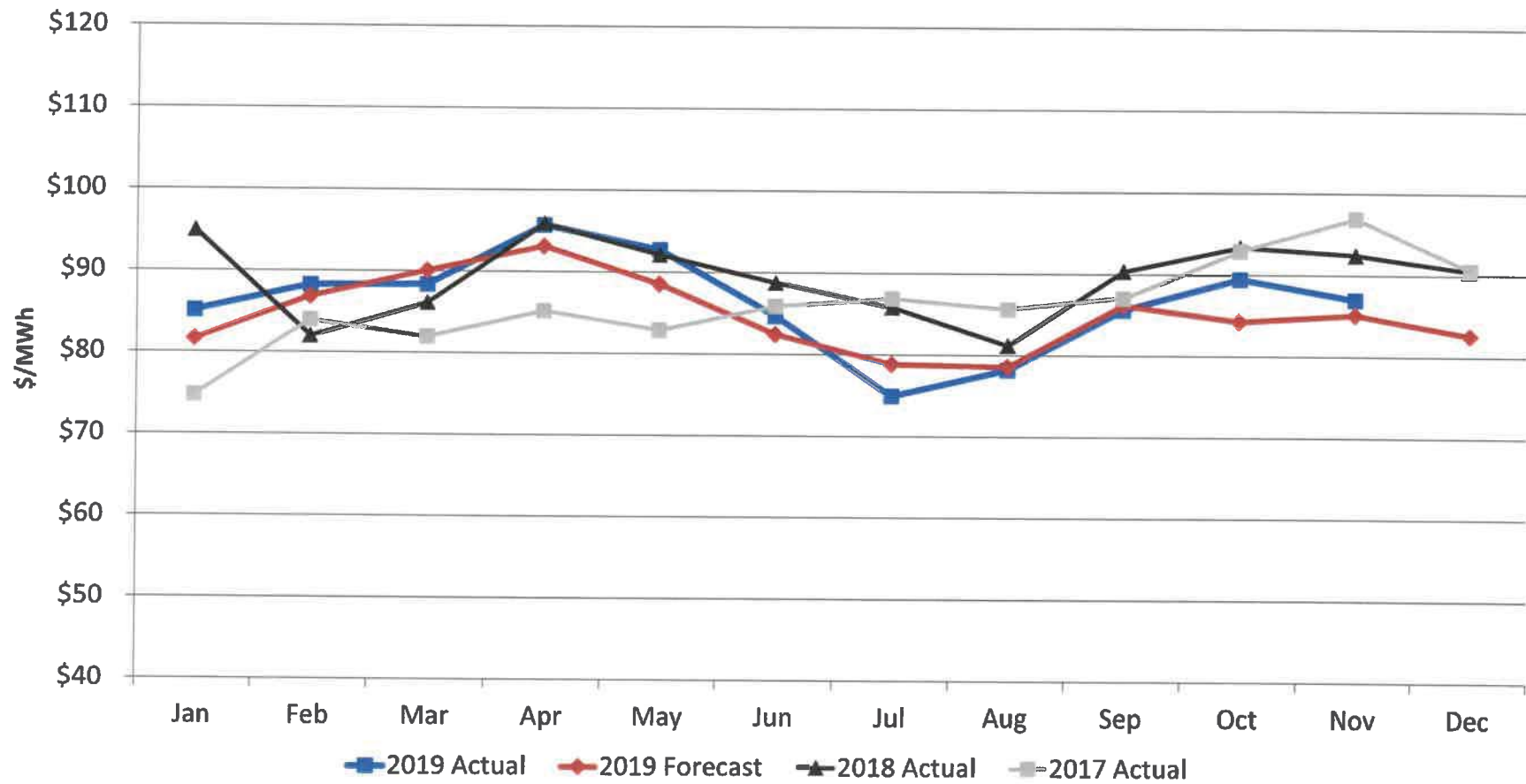
Date	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
Hour	11/1/2019	11/2/2019	11/3/2019	11/4/2019	11/5/2019	11/6/2019	11/7/2019	11/8/2019	11/9/2019	11/10/2019	11/11/2019	11/12/2019	11/13/2019	11/14/2019	11/15/2019
100	16,036	13,936	13,478	14,580	15,756	16,689	16,227	17,775	15,183	14,230	14,852	16,609	17,889	17,575	16,820
200	16,012	13,732	13,205	14,579	15,376	16,248	15,787	16,951	14,925	13,839	14,837	16,386	17,587	16,968	16,441
300	15,720	13,635	12,909	14,590	15,299	16,185	15,996	17,142	14,883	13,651	15,010	16,047	17,600	16,757	16,601
400	15,951	13,649	12,802	14,505	15,336	16,160	15,807	17,152	14,735	13,499	15,077	15,444	17,485	16,663	16,405
500	16,838	14,091	12,973	14,871	15,763	16,629	16,406	17,521	14,870	13,584	15,272	16,061	17,887	16,973	16,546
600	18,243	14,713	13,164	15,939	16,701	17,513	17,228	18,404	15,260	13,706	16,406	17,211	18,911	17,962	17,851
700	19,745	15,365	13,729	17,540	18,233	18,989	18,814	19,653	15,766	14,070	17,790	18,292	20,368	19,287	18,972
800	20,051	15,980	14,432	18,648	19,190	19,944	20,140	20,962	16,493	14,497	19,346	19,393	21,414	20,143	19,749
900	20,208	16,455	14,996	18,885	19,495	20,432	20,451	21,160	17,237	14,968	19,892	20,355	21,550	20,514	20,237
1000	20,149	16,427	15,343	19,163	19,569	20,363	20,597	20,988	17,787	15,287	19,576	20,612	21,858	20,539	20,325
1100	19,978	16,280	15,213	19,183	19,471	20,394	20,646	20,437	18,071	15,321	19,613	20,892	21,942	20,610	20,102
1200	20,028	15,538	15,180	19,074	19,439	20,041	20,889	19,940	17,657	15,206	19,676	21,072	21,592	20,200	20,063
1300	19,585	14,724	15,277	19,295	19,354	19,845	20,610	19,662	17,113	15,312	20,017	20,965	21,793	20,286	19,805
1400	18,764	15,053	14,903	19,271	19,248	19,926	20,412	19,639	16,850	15,255	19,825	20,765	21,555	20,312	20,204
1500	18,023	14,832	15,099	18,849	19,046	19,963	19,910	19,365	16,388	15,077	20,029	20,507	21,120	19,795	20,165
1600	17,583	14,747	14,996	18,530	18,575	19,487	19,424	18,806	16,024	15,123	19,657	20,245	20,682	19,482	19,456
1700	17,451	14,697	15,176	18,689	18,678	19,154	19,803	18,951	16,263	15,756	19,643	20,393	20,699	19,756	19,281
1800	17,775	15,296	15,990	19,045	19,164	19,506	20,501	19,417	16,692	16,550	20,384	20,947	21,478	19,937	19,546
1900	18,253	15,640	16,620	19,205	19,483	19,696	21,067	19,532	16,953	17,306	20,503	21,105	21,845	19,870	19,608
2000	18,160	15,559	16,402	18,900	19,384	19,352	20,579	19,388	16,669	17,055	20,175	20,740	21,104	19,538	18,961
2100	17,723	15,095	16,096	18,480	19,093	19,358	20,315	18,941	16,603	16,828	19,664	20,525	20,817	19,129	18,803
2200	16,632	14,532	15,354	17,656	18,538	18,589	19,681	18,590	16,065	16,205	18,742	20,006	19,939	18,513	18,454
2300	15,424	14,064	14,905	16,692	17,778	17,463	18,936	17,546	15,616	15,481	17,451	18,714	18,698	17,846	17,093
2400	14,311	13,666	14,931	16,263	17,151	16,787	18,356	16,103	14,996	15,207	16,877	18,161	17,967	17,283	15,927
Total	428,643	357,706	353,173	422,422	435,120	448,693	456,582	454,025	389,099	363,013	440,304	461,447	483,780	455,938	447,215

Date	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Hour	11/16/2019	11/17/2019	11/18/2019	11/19/2019	11/20/2019	11/21/2019	11/22/2019	11/23/2019	11/24/2019	11/25/2019	11/26/2019	11/27/2019	11/28/2019	11/29/2019	11/30/2019	12/1/2019
100	15,115	14,946	15,608	15,957	16,300	16,469	16,145	15,275	14,533	15,298	16,176	15,856	13,416	12,643	13,257	-
200	14,683	14,732	15,417	15,410	16,087	16,178	15,704	15,007	14,311	14,936	15,883	15,507	13,167	12,397	12,821	-
300	14,573	14,782	15,452	15,550	16,036	16,087	15,725	14,808	14,135	15,005	15,696	15,406	12,868	12,187	12,657	-
400	14,525	14,526	15,605	15,538	15,901	15,833	15,600	14,856	14,041	15,064	15,520	14,970	12,619	12,236	12,632	-
500	14,725	14,634	16,185	15,829	16,325	16,278	16,040	15,056	14,219	15,506	16,082	15,606	12,603	12,423	12,916	-
600	15,293	14,934	17,316	16,699	17,445	17,395	17,101	15,269	14,440	16,793	17,023	16,300	13,054	12,858	13,161	-
700	15,902	15,240	18,842	18,026	18,693	18,808	18,530	15,977	14,928	18,065	18,404	17,293	13,458	13,433	13,481	-
800	16,473	15,655	20,092	19,549	20,260	20,164	20,199	16,664	15,490	19,684	19,741	18,624	13,995	14,079	14,534	-
900	17,532	16,063	19,848	19,782	20,081	20,284	20,544	17,559	15,608	19,875	20,139	19,085	14,602	14,828	15,226	-
1000	18,052	16,188	19,457	19,729	19,975	20,540	20,628	18,171	16,070	19,602	19,759	19,829	15,512	15,367	15,954	-
1100	17,944	16,098	19,382	19,700	20,159	20,448	20,387	18,099	16,221	19,523	19,707	20,196	16,211	15,512	16,319	-
1200	17,505	15,941	19,093	19,516	20,124	20,288	20,245	17,776	15,889	19,253	19,688	20,627	16,236	15,493	16,182	-
1300	17,290	16,073	19,014	19,530	19,857	20,657	20,291	17,349	15,825	19,077	19,863	20,812	15,207	15,119	15,691	-
1400	17,196	15,781	18,842	19,769	19,740	20,573	20,245	17,149	15,558	18,606	19,764	20,687	14,449	14,985	15,311	-
1500	16,585	15,885	18,312	19,661	20,229	20,196	19,461	16,788	15,562	18,458	19,583	20,725	13,987	14,876	14,994	-
1600	16,130	16,012	17,551	19,237	19,888	19,940	18,812	16,752	15,865	18,161	19,410	19,948	13,726	14,582	14,695	-
1700	16,403	16,447	17,335	19,040	19,904	19,754	18,734	16,766	15,946	18,403	18,789	19,477	13,732	14,859	15,012	-
1800	17,145	17,403	18,487	19,262	20,176	19,655	19,489	17,233	16,927	18,971	19,187	19,731	14,120	15,661	15,778	-
1900	17,496	17,628	18,873	19,769	20,143	19,302	19,602	17,262	17,412	19,108	19,102	19,689	14,135	15,432	15,973	-
2000	17,493	17,371	18,414	19,500	19,876	19,227	19,282	16,935	17,167	18,941	18,815	19,320	14,057	15,165	15,619	-
2100	17,223	17,165	18,253	19,052	19,411	18,658	19,208	16,909	16,830	18,886	18,580	18,927	14,071	15,256	15,543	-
2200	16,747	16,593	17,786	18,368	18,631	18,167	18,892	16,456	16,153	18,299	18,165	18,328	14,106	14,806	14,968	-
2300	16,074	15,828	16,829	17,126	17,559	17,171	17,706	15,664	15,452	17,134	17,006	16,667	13,641	14,302	14,311	-
2400	15,425	16,117	16,360	16,659	16,977	16,686	16,232	14,991	15,633	16,524	16,219	14,557	13,106	13,765	13,694	-
Total	393,529	365,925	428,353	438,258	449,777	448,758	444,802	394,771	374,215	429,172	438,301	438,067	336,078	342,264	350,729	-
											Maximum	21,942	Minimum	12,187	Grand Total	12,488,276

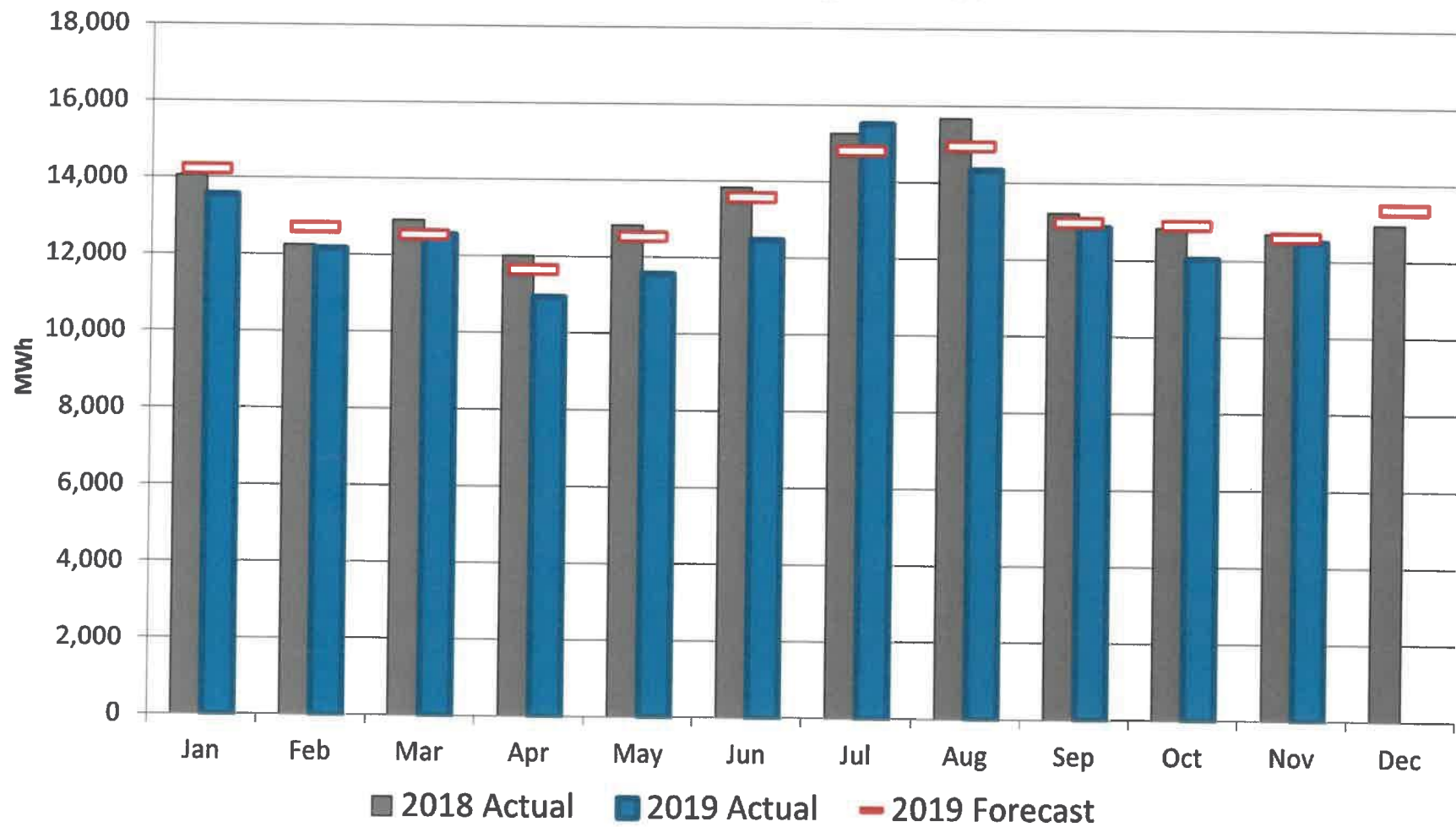
Napoleon Peak Day Load Curve



Napoleon 2019 Monthly Rates



Napoleon 2019 Monthly Energy Usage



RATE REVIEW COMPARISONS - Current to Prior Month and Prior Year

2020 JANUARY BILLING - ELECTRIC PSCAF - BILLING COMPARISONS TO PRIOR PERIODS

Rate Comparisons to Prior Month and Prior Year for Same Period

	Service Usage	Service Units	Current January 2020 Rate	Prior Month December 2019 Rate	Prior Year January 2019 Rate		Service Usage	Service Units	Current January 2020 Rate	Prior Month December 2019 Rate	Prior Year January 2019 Rate
Customer Type											
Customer Type ->			RESIDENTIAL USER - (w/Gas Heat)						RESIDENTIAL USER - (All Electric)		
Customer Charge			\$6.00	\$6.00	\$6.00				\$6.00	\$6.00	\$6.00
Distribution Energy Charge			\$20.93	\$20.93	\$20.93				\$33.39	\$33.39	\$33.39
Distribution Demand Charge											
Power Supply Energy Charge	978	kWh	\$71.20	\$71.20	\$71.20	1,976	kWh		\$143.85	\$143.85	\$143.85
Power Supply Demand Charge											
PSCAF - Monthly Factor	978	kWh	\$16.58	\$13.20	\$21.49	1,976	kWh		\$33.49	\$26.68	\$43.41
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			\$119.26	\$115.88	\$124.17				\$225.92	\$219.11	\$235.84
Water	6	CCF	\$55.35	\$55.35	\$50.55	11	CCF		\$91.89	\$91.89	\$83.14
Sewer (w/Stm.Sew. & Lat.)	6	CCF	\$74.13	\$74.13	\$70.89	11	CCF		\$104.83	\$104.83	\$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			\$156.98	\$156.98	\$148.94				\$224.22	\$224.22	\$209.53
Total Billing - All Services			\$276.24	\$272.86	\$273.11				\$450.14	\$443.33	\$445.37
Verification Totals->			\$276.24	\$272.86	\$273.11				\$450.14	\$443.33	\$445.37
Dollar Chg.to Prior Periods				<u>Cr.Mo to Pr.Mo</u>	<u>Cr.Yr to Pr.Yr</u>					<u>Cr.Mo to Pr.Mo</u>	<u>Cr.Yr to Pr.Yr</u>
% Inc/Dec(-) to Prior Periods				\$3.38	\$3.13					\$6.81	\$4.77
				1.24%	1.15%					1.54%	1.07%
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Cost/kWH - Electric	978	kWh	\$0.12194	\$0.11849	\$0.12696	1,976	kWh		\$0.11433	\$0.11089	\$0.11935
% Inc/Dec(-) to Prior Periods				2.91%	-3.95%					3.10%	-4.21%
Cost/CCF - Water	6	CCF	\$9.22500	\$9.22500	\$8.42500	11	CCF		\$8.35364	\$8.35364	\$7.55818
Cost/GALLONS - Water	4,488	GAL	\$0.01233	\$0.01233	\$0.01126	8,229	GAL		\$0.01117	\$0.01117	\$0.01010
% Inc/Dec(-) to Prior Periods				0.00%	9.50%					0.00%	10.52%
Cost/CCF - Sewer	6	CCF	\$12.35500	\$12.35500	\$11.81500	11	CCF		\$9.53000	\$9.53000	\$8.99000
Cost/GALLON - Sewer	4,488	GAL	\$0.01652	\$0.01652	\$0.01580	8,229	GAL		\$0.01274	\$0.01274	\$0.01202
% Inc/Dec(-) to Prior Periods				0.00%	4.57%					0.00%	6.01%
(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)											

RATE REVIEW COMPARISONS - Current to Prior Month and Prior Year

2020 JANUARY BILLING - ELI

Rate Comparisons to Prior Month a

			<u>Current</u>	<u>Prior Month</u>	<u>Prior Year</u>				<u>Current</u>	<u>Prior Month</u>	<u>Prior Year</u>
	<u>Service</u>	<u>Service</u>	<u>January</u>	<u>December</u>	<u>January</u>		<u>Service</u>	<u>Service</u>	<u>January</u>	<u>December</u>	<u>January</u>
<u>Customer Type</u>	<u>Usage</u>	<u>Units</u>	<u>2020 Rate</u>	<u>2019 Rate</u>	<u>2019 Rate</u>		<u>Usage</u>	<u>Units</u>	<u>2020 Rate</u>	<u>2019 Rate</u>	<u>2019 Rate</u>
<u>Customer Type -></u>	<u>COMMERCIAL USER - (3 Phase w/Demand)</u>						<u>INDUSTRIAL USER - (3 Phase w/Demand)</u>				
Customer Charge			\$18.00	\$18.00	\$18.00				\$100.00	\$100.00	\$100.00
Distribution Energy Charge	7,040	kWh	\$38.02	\$38.02	\$38.02	98,748	Reactive		\$2,303.85	\$2,303.85	\$2,303.85
Distribution Demand Charge	20.32	kW/Dmd	\$92.86	\$92.86	\$92.86	1510.1	kW/Dmd		\$8,215.30	\$8,215.30	\$8,215.30
Power Supply Energy Charge	7,040	kWh	\$623.04	\$623.04	\$623.04	866,108	kWh		\$39,165.42	\$39,165.42	\$39,165.42
Power Supply Demand Charge									\$15,296.55	\$15,296.55	\$15,296.55
PSCAF - Monthly Factor	7,040	kWh	\$119.33	\$95.04	\$154.67				\$13,946.51	\$11,107.84	\$18,076.98
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			\$921.71	\$897.42	\$957.05				\$82,181.24	\$79,342.57	\$86,311.71
Water	25	CCF	\$190.17	\$190.17	\$170.92	300	CCF		\$2,152.61	\$2,152.61	\$1,936.11
Sewer (w/Stm.Sew. & Lat.)	25	CCF	\$192.19	\$192.19	\$177.29	300	CCF		\$1,880.69	\$1,880.69	\$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			\$396.86	\$396.86	\$362.71				\$4,368.30	\$4,368.30	\$3,988.40
Total Billing - All Services			\$1,318.57	\$1,294.28	\$1,319.76				\$86,549.54	\$83,710.87	\$90,300.11
Verification Totals->			\$1,318.57	\$1,294.28	\$1,319.76				\$86,549.54	\$83,710.87	\$90,300.11
Dollar Chg.to Prior Periods				<u>Cr.Mo to Pr.Mo</u>	<u>Cr.Yr to Pr.Yr</u>					<u>Cr.Mo to Pr.Mo</u>	<u>Cr.Yr to Pr.Yr</u>
% Inc/Dec(-) to Prior Periods				\$24.29	-\$1.19					\$2,838.67	-\$3,750.57
				1.88%	-0.09%					3.39%	-4.15%
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Cost/kWH - Electric	7,040	kWh	\$0.13092	\$0.12747	\$0.13594	866,108	kWh		\$0.09489	\$0.09161	\$0.09965
% Inc/Dec(-) to Prior Periods				2.71%	-3.69%					3.58%	-4.78%
Cost/CCF - Water	25	CCF	\$7.60680	\$7.60680	\$6.83680	300	CCF		\$7.17537	\$7.17537	\$6.45370
Cost/GALLONS - Water	18,701	GAL	\$0.01017	\$0.01017	\$0.00914	224,415	GAL		\$0.00959	\$0.00959	\$0.00863
% Inc/Dec(-) to Prior Periods				0.00%	11.26%					0.00%	11.18%
Cost/CCF - Sewer	25	CCF	\$7.68760	\$7.68760	\$7.09160	300	CCF		\$6.26897	\$6.26897	\$5.72430
Cost/GALLON - Sewer	18,701	GAL	\$0.01028	\$0.01028	\$0.00948	224,415	GAL		\$0.00838	\$0.00838	\$0.00765
% Inc/Dec(-) to Prior Periods				0.00%	8.40%					0.00%	9.52%
(Listed Accounts Assume SAME USA											
(One "1" Unit CCF of Water = "Hundre											

BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - JANUARY, 2020

NOVEMBER, 2019

2020 - JANUARY BILLING WITH NOVEMBER 2019 AMP BILLING PERIOD AND DECEMBER 2019 CITY CONSUMPTION AND BILLING DATA

Class and/or Schedule	Rate Code	# of Bills	Dec-19 (kWh Usage)	Dec-19 Billed	Billed kVA of Demand	Cost / kWh For Month	Prior 12 Mo Average	# of Bills	Jan-19 (kWh Usage)	Jan-19 Billed	Cost / kWh For Month	# of Bills	Feb-19 (kWh Usage)	Feb-19 Billed	Cost / kWh For Month
Residential (Dom-In)	E1	3,352	1,800,455	\$222,392.91	0	\$0.1235	\$0.1244	3,329	2,091,530	\$272,665.07	\$0.1304	3,340	2,274,677	\$294,991.21	\$0.1297
Residential (Dom-In) w/Ecosmart	E1E	6	2,459	\$312.29	0	\$0.1270	\$0.1276	8	3,404	\$459.27	\$0.1349	8	3,681	\$492.96	\$0.1339
Residential (Dom-In - All Electric)	E2	636	441,766	\$53,448.48	0	\$0.1210	\$0.1234	608	614,990	\$77,936.27	\$0.1267	610	676,299	\$85,395.38	\$0.1263
Res. (Dom-In - All Elec.) w/Ecosmart	E2E	1	492	\$61.28	0	\$0.1246	\$0.1259	1	585	\$76.68	\$0.1311	1	480	\$64.01	\$0.1334
Total Residential (Domestic)		3,995	2,245,172	\$276,214.96	0	\$0.1230	\$0.1242	3,946	2,710,509	\$351,137.29	\$0.1295	3,959	2,955,137	\$380,943.56	\$0.1289
Residential (Rural-Out)	ER1	796	663,550	\$85,631.27	0	\$0.1291	\$0.1306	774	786,974	\$106,504.33	\$0.1353	777	887,650	\$119,215.41	\$0.1343
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,621	\$346.78	0	\$0.1323	\$0.1338	4	3,143	\$434.51	\$0.1382	4	3,880	\$527.26	\$0.1359
Residential (Rural-Out - All Electric)	ER2	366	384,009	\$48,605.53	0	\$0.1266	\$0.1292	371	481,455	\$64,120.63	\$0.1332	371	534,467	\$70,803.11	\$0.1325
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	2,162	\$273.05	0	\$0.1263	\$0.1299	2	2,654	\$353.13	\$0.1331	2	2,987	\$395.11	\$0.1323
Residential (Rural-Out w/Dmd)	ER3	15	25,028	\$3,074.29	236	\$0.1228	\$0.1266	16	157,138	\$19,780.75	\$0.1259	15	81,165	\$10,304.66	\$0.1270
Residential (Rural-Out - All Electric w/Dm)	ER4	9	7,187	\$931.24	73	\$0.1296	\$0.1300	9	21,723	\$2,811.78	\$0.1294	9	12,300	\$1,634.32	\$0.1329
Total Residential (Rural)		1,192	1,084,557	\$138,862.16	309	\$0.1280	\$0.1300	1,176	1,453,087	\$194,005.13	\$0.1335	1,178	1,522,449	\$202,879.87	\$0.1333
Commercial (1 Ph-In - No Dmd)	EC2	73	28,919	\$4,644.14	0	\$0.1606	\$0.1615	72	33,835	\$5,516.43	\$0.1630	72	34,992	\$5,719.92	\$0.1635
Commercial (1 Ph-Out - No Dmd)	EC2O	52	9,411	\$1,848.51	0	\$0.1964	\$0.1892	50	14,955	\$2,644.10	\$0.1768	50	11,714	\$2,225.35	\$0.1900
Total Commercial (1 Ph) No Dmd		125	38,330	\$6,492.65	0	\$0.1694	\$0.1686	122	48,790	\$8,160.53	\$0.1673	122	46,706	\$7,945.27	\$0.1701
Commercial (1 Ph-In - w/Demand)	EC1	259	270,782	\$42,443.32	1969	\$0.1567	\$0.1515	258	287,417	\$45,278.62	\$0.1575	258	307,384	\$48,124.40	\$0.1566
Commercial (1 Ph-Out - w/Demand)	EC1O	24	36,593	\$5,245.08	189	\$0.1433	\$0.1415	24	43,614	\$6,291.91	\$0.1443	24	49,827	\$7,283.21	\$0.1462
Total Commercial (1 Ph) w/Demand		283	307,375	\$47,688.40	2,158	\$0.1551	\$0.1503	282	331,031	\$51,570.53	\$0.1558	282	357,211	\$55,407.61	\$0.1551
Commercial (3 Ph-Out - No Dmd)	EC4O	2	80	\$46.41	7	\$0.5801	\$0.1501	2	18,800	\$2,635.31	\$0.1402	2	15,080	\$2,121.23	\$0.1407
Total Commercial (3 Ph) No Dmd		2	80	\$46.41	7	\$0.5801	\$0.1501	2	18,800	\$2,635.31	\$0.1402	2	15,080	\$2,121.23	\$0.1407
Commercial (3 Ph-In - w/Demand)	EC3	212	1,797,126	\$233,151.82	6740	\$0.1297	\$0.1330	214	1,695,547	\$262,209.45	\$0.1546	214	1,695,558	\$232,874.42	\$0.1373
Commercial (3 Ph-Out - w/Demand)	EC3O	36	507,722	\$63,884.66	1797	\$0.1258	\$0.1339	37	419,781	\$56,966.14	\$0.1357	37	346,175	\$47,574.03	\$0.1374
Commercial (3 Ph-Out - w/Dmd & Sub-St.)	E3SO	3	109,440	\$13,095.45	366	\$0.1197	\$0.1242	3	95,160	\$12,496.97	\$0.1313	3	97,600	\$12,627.24	\$0.1294
Commercial (3 Ph-In - w/Demand, No Ta)	EC3T	1	4,280	\$580.40	22	\$0.1356	\$0.1299	1	1,680	\$235.69	\$0.1403	1	1,960	\$267.70	\$0.1366
Total Commercial (3 Ph) w/Demand		252	2,418,568	\$310,712.33	8,925	\$0.1285	\$0.1327	255	2,212,168	\$331,908.25	\$0.1500	255	2,141,293	\$293,343.39	\$0.1370
Large Power (In - w/Dmd & Rct)	EL1	15	2,005,027	\$198,903.63	3885	\$0.0992	\$0.1055	15	1,597,489	\$180,631.84	\$0.1131	15	1,478,807	\$170,170.64	\$0.1151
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,089,944	\$102,810.47	1981	\$0.0943	\$0.1021	3	1,025,490	\$110,924.41	\$0.1082	3	963,774	\$103,700.34	\$0.1076
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	324,000	\$35,709.02	826	\$0.1102	\$0.1121	1	469,200	\$52,762.88	\$0.1125	1	382,800	\$46,480.47	\$0.1214
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	113,457	\$19,884.22	717	\$0.1753	\$0.1647	2	58,800	\$6,223.37	\$0.1058	2	61,200	\$6,516.36	\$0.1065
Total Large Power		21	3,532,428	\$357,306.34	7,409	\$0.1012	\$0.1066	21	3,150,979	\$350,542.50	\$0.1112	21	2,886,581	\$326,867.81	\$0.1132
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	814,630	\$75,719.92	1543	\$0.0930	\$0.0970	1	979,077	\$99,325.81	\$0.1014	1	756,625	\$80,906.51	\$0.1069
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	831,049	\$78,113.33	1598	\$0.0940	\$0.1008	1	759,385	\$79,525.88	\$0.1047	1	709,545	\$75,871.03	\$0.1069
Total Industrial		2	1,645,679	\$153,833.25	3,141	\$0.0935	\$0.0988	2	1,738,462	\$178,851.69	\$0.1029	2	1,466,170	\$156,777.54	\$0.1069
Interdepartmental (In - No Dmd)	ED1	10	23,899	\$3,069.72	78	\$0.1284	\$0.1316	9	30,783	\$4,036.98	\$0.1311	10	36,732	\$4,838.55	\$0.1317
Interdepartmental (Out - w/Dmd)	ED2O	2	477	\$86.23	0	\$0.1808	\$0.1894	2	251	\$58.94	\$0.2348	2	289	\$64.23	\$0.2222
Interdepartmental (In - w/Dmd)	ED2	27	45,949	\$6,300.76	0	\$0.1371	\$0.1423	29	66,602	\$9,667.47	\$0.1437	29	75,208	\$10,762.28	\$0.1431
Interdepartmental (3Ph-In - w/Dmd)	ED3	10	160,730	\$20,314.79	586	\$0.1264	\$0.1293	10	147,035	\$19,433.31	\$0.1322	10	152,446	\$20,037.67	\$0.1314
Interdepartmental (Street Lights)	EDSL	6	32,771	\$3,159.27	0	\$0.0964	\$0.0963	5	14,608	\$1,408.20	\$0.0964	5	18,020	\$1,729.62	\$0.0960
Interdepartmental (Traffic Signals)	EDTS	8	1,192	\$110.22	0	\$0.0925	\$0.0925	8	1,606	\$148.50	\$0.0925	8	1,749	\$161.72	\$0.0925
Generators (JV2 Power Cost Only)	GJV2	1	27,105	\$264.54	45	\$0.0098	\$0.0000	1	19,321	\$700.19	\$0.0362	1	19,808	\$584.93	\$0.0295
Generators (JV5 Power Cost Only)	GJV5	0	0	\$0.00	0	\$0.0000	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000
Total Interdepartmental		64	292,123	\$33,305.53	709	\$0.1140	\$0.1218	64	280,206	\$35,353.59	\$0.1262	65	304,252	\$38,179.00	\$0.1255
SUB-TOTAL CONSUMPTION & DEMAND		5,936	11,564,312	\$1,324,462.03	22,658	\$0.1145	\$0.1190	5,870	11,944,032	\$1,504,164.82	\$0.1259	5,886	11,694,879	\$1,464,465.28	\$0.1252
Street Lights (In)	SLO	14	0	\$13.43	0	\$0.0000	\$0.0000	14	0	\$13.43	\$0.0000	14	0	\$13.44	\$0.0000
Street Lights (Out)	SLOO	2	0	\$1.91	0	\$0.0000	\$0.0000	2	0	\$1.91	\$0.0000	2	0	\$1.92	\$0.0000
Total Street Light Only		16	0	\$15.34	0	\$0.0000	\$0.0000	16	0	\$15.34	\$0.0000	16	0	\$15.36	\$0.0000
TOTAL CONSUMPTION & DEMAND		5,952	11,564,312	\$1,324,477.37	22,658	\$0.1145	\$0.1190	5,886	11,944,032	\$1,504,180.16	\$0.1259	5,902	11,694,879	\$1,464,480.64	\$0.1252

BILLING SUMMARY AND COA																	
NOVEMBER, 2019																	
2020 - JANUARY BILLING WITH NOVEMBER 201																	
Class and/or Schedule	Rate Code	# of Bills	Mar-19 (kWh Usage)	Mar-19 Billed	Cost / kWh For Month	# of Bills	Apr-19 (kWh Usage)	Apr-19 Billed	Cost / kWh For Month	# of Bills	May-19 (kWh Usage)	May-19 Billed	Cost / kWh For Month	# of Bills	Jun-19 (kWh Usage)	Jun-19 Billed	Cost / kWh For Month
Residential (Dom-In)	E1	3,333	2,465,436	\$310,648.89	\$0.1260	3,342	2,035,892	\$257,277.91	\$0.1264	3,344	1,923,171	\$242,954.41	\$0.1263	3,339	1,637,164	\$215,454.91	\$0.1316
Residential (Dom-In) w/Ecosmart	E1E	8	3,762	\$491.53	\$0.1307	8	3,079	\$406.83	\$0.1321	8	3,052	\$401.71	\$0.1316	8	2,976	\$403.19	\$0.1355
Residential (Dom-In - All Electric)	E2	610	833,025	\$101,831.08	\$0.1222	620	672,647	\$82,084.80	\$0.1220	621	557,529	\$68,338.87	\$0.1226	629	394,726	\$50,889.72	\$0.1289
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	526	\$68.02	\$0.1293	1	508	\$65.20	\$0.1283	1	457	\$58.97	\$0.1290	1	458	\$60.86	\$0.1324
Total Residential (Domestic)		3,952	3,302,749	\$413,039.52	\$0.1251	3,971	2,711,926	\$339,834.74	\$0.1253	3,974	2,484,209	\$311,753.96	\$0.1255	3,977	2,035,324	\$266,808.48	\$0.1311
Residential (Rural-Out)	ER1	777	961,894	\$125,641.90	\$0.1306	776	794,190	\$104,015.97	\$0.1310	776	699,983	\$92,162.85	\$0.1317	778	617,058	\$84,339.73	\$0.1367
Residential (Rural-Out) w/Ecosmart	ER1E	4	3,702	\$493.87	\$0.1334	4	3,058	\$410.74	\$0.1343	4	2,544	\$346.81	\$0.1363	4	2,319	\$327.68	\$0.1413
Residential (Rural-Out - All Electric)	ER2	371	609,784	\$78,413.48	\$0.1286	370	498,088	\$64,053.38	\$0.1286	370	416,573	\$53,930.58	\$0.1295	370	347,201	\$46,775.22	\$0.1347
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2	3,344	\$429.97	\$0.1286	2	2,955	\$378.26	\$0.1280	2	2,425	\$312.46	\$0.1288	2	1,967	\$264.01	\$0.1342
Residential (Rural-Out w/Dmd)	ER3	15	48,348	\$6,061.31	\$0.1254	15	25,173	\$3,197.46	\$0.1270	15	26,458	\$3,336.23	\$0.1261	15	23,350	\$3,042.66	\$0.1303
Residential (Rural-Out - All Electric w/Dm	ER4	9	11,570	\$1,508.08	\$0.1303	9	10,622	\$1,377.53	\$0.1297	9	9,409	\$1,224.75	\$0.1302	9	7,985	\$1,080.63	\$0.1353
Total Residential (Rural)		1,178	1,638,642	\$212,548.61	\$0.1297	1,176	1,334,086	\$173,433.34	\$0.1300	1,176	1,157,392	\$151,313.68	\$0.1307	1,178	999,880	\$135,829.93	\$0.1358
Commercial (1 Ph-In - No Dmd)	EC2	72	38,814	\$6,133.79	\$0.1580	72	31,999	\$5,166.30	\$0.1615	72	31,882	\$5,130.75	\$0.1609	72	31,708	\$5,216.75	\$0.1645
Commercial (1 Ph-Out - No Dmd)	EC2O	50	14,161	\$2,522.55	\$0.1781	50	11,118	\$2,094.53	\$0.1884	50	9,408	\$1,858.70	\$0.1976	50	8,791	\$1,806.71	\$0.2055
Total Commercial (1 Ph) No Dmd		122	52,975	\$8,656.34	\$0.1634	122	43,117	\$7,260.83	\$0.1684	122	41,290	\$6,989.45	\$0.1693	122	40,499	\$7,023.46	\$0.1734
Commercial (1 Ph-In - w/Demand)	EC1	258	330,566	\$49,985.17	\$0.1512	259	299,031	\$45,856.29	\$0.1533	260	309,521	\$46,731.05	\$0.1510	260	267,791	\$42,762.13	\$0.1597
Commercial (1 Ph-Out - w/Demand)	EC1O	24	46,986	\$6,633.96	\$0.1412	24	41,830	\$5,894.91	\$0.1409	24	43,432	\$6,099.39	\$0.1404	24	39,876	\$5,796.90	\$0.1454
Total Commercial (1 Ph) w/Demand		282	377,552	\$56,619.13	\$0.1500	283	340,861	\$51,751.20	\$0.1518	284	352,953	\$52,830.44	\$0.1497	284	307,667	\$48,559.03	\$0.1578
Commercial (3 Ph-Out - No Dmd)	EC4O	2	160	\$57.71	\$0.3607	2	600	\$116.60	\$0.1943	2	360	\$84.14	\$0.2337	2	80	\$46.97	\$0.5871
Total Commercial (3 Ph) No Dmd		2	160	\$57.71	\$0.3607	2	600	\$116.60	\$0.1943	2	360	\$84.14	\$0.2337	2	80	\$46.97	\$0.5871
Commercial (3 Ph-In - w/Demand)	EC3	215	1,843,999	\$246,143.40	\$0.1335	214	1,840,308	\$243,290.37	\$0.1322	215	1,680,476	\$223,008.67	\$0.1327	214	1,672,860	\$228,330.04	\$0.1365
Commercial (3 Ph-Out - w/Demand)	EC3O	38	303,214	\$40,961.20	\$0.1351	37	288,847	\$38,828.23	\$0.1344	37	259,862	\$35,269.49	\$0.1357	37	235,437	\$33,446.06	\$0.1421
Commercial (3 Ph-Out - w/Dmd.&Sub-St.	E3SO	3	114,920	\$14,544.21	\$0.1266	3	104,160	\$13,110.89	\$0.1259	3	96,960	\$12,199.22	\$0.1258	3	91,160	\$11,788.87	\$0.1294
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	1,880	\$253.74	\$0.1350	1	1,880	\$250.82	\$0.1334	1	1,640	\$221.35	\$0.1350	1	1,720	\$235.63	\$0.1370
Total Commercial (3 Ph) w/Demand		257	2,264,013	\$301,902.55	\$0.1333	255	2,235,195	\$295,480.31	\$0.1322	256	2,038,938	\$270,698.73	\$0.1328	255	2,001,177	\$273,810.60	\$0.1368
Large Power (In - w/Dmd & Rct)	EL1	15	1,629,248	\$176,214.53	\$0.1082	15	1,519,156	\$166,527.05	\$0.1096	15	1,662,985	\$177,044.25	\$0.1065	15	1,621,674	\$178,664.86	\$0.1102
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	922,545	\$96,209.85	\$0.1043	3	890,900	\$92,963.95	\$0.1043	3	974,049	\$99,096.19	\$0.1017	3	1,002,197	\$104,581.35	\$0.1044
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	488,400	\$52,538.17	\$0.1076	1	444,000	\$49,582.76	\$0.1117	1	448,800	\$50,347.54	\$0.1122	1	452,400	\$52,253.99	\$0.1155
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	67,200	\$6,824.48	\$0.1016	2	61,200	\$6,282.65	\$0.1027	2	55,210	\$5,835.99	\$0.1057	2	60,593	\$6,241.23	\$0.1035
Total Large Power		21	3,107,393	\$331,787.03	\$0.1068	21	2,915,256	\$315,356.41	\$0.1082	21	3,141,044	\$332,323.97	\$0.1058	21	3,138,864	\$356,741.43	\$0.1137
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	953,746	\$93,976.56	\$0.0985	1	793,516	\$80,520.83	\$0.1015	1	853,543	\$80,449.78	\$0.0943	1	772,121	\$80,559.60	\$0.1043
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	679,242	\$70,650.12	\$0.1040	1	592,800	\$64,867.63	\$0.1094	1	786,160	\$76,598.10	\$0.0974	1	706,069	\$73,992.70	\$0.1048
Total Industrial		2	1,632,988	\$164,626.68	\$0.1008	2	1,386,316	\$145,388.46	\$0.1049	2	1,639,703	\$157,047.88	\$0.0958	2	1,478,190	\$154,552.30	\$0.1046
Interdepartmental (In - No Dmd)	ED1	9	41,855	\$5,271.19	\$0.1259	9	33,828	\$4,311.86	\$0.1275	10	28,938	\$3,730.91	\$0.1289	10	23,142	\$3,163.33	\$0.1367
Interdepartmental (Out - w/Dmd)	ED2O	2	246	\$57.53	\$0.2339	2	234	\$55.59	\$0.2376	2	357	\$71.87	\$0.2013	2	446	\$85.32	\$0.1913
Interdepartmental (In - w/Dmd)	ED2	27	82,014	\$11,431.90	\$0.1394	27	65,129	\$9,060.76	\$0.1391	27	42,935	\$6,062.18	\$0.1412	27	31,110	\$4,592.92	\$0.1476
Interdepartmental (3Ph-In - w/Dmd)	ED3	10	205,686	\$26,332.92	\$0.1280	10	188,404	\$23,936.79	\$0.1271	10	175,037	\$22,596.36	\$0.1291	10	158,726	\$21,126.86	\$0.1331
Interdepartmental (Street Lights)	EDSL	5	14,608	\$1,416.67	\$0.0970	5	14,608	\$1,413.75	\$0.0968	6	21,490	\$2,048.15	\$0.0953	6	21,490	\$2,074.95	\$0.0966
Interdepartmental (Traffic Signals)	EDTS	8	1,474	\$136.29	\$0.0925	8	1,267	\$117.15	\$0.0925	8	1,266	\$117.05	\$0.0925	8	1,386	\$128.17	\$0.0925
Generators (JV2 Power Cost Only)	GJV2	1	21,704	\$603.15	\$0.0278	1	18,459	\$450.95	\$0.0244	1	18,241	\$514.58	\$0.0282	1	17,475	\$444.56	\$0.0254
Generators (JV5 Power Cost Only)	GJV5	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000
Total Interdepartmental		62	367,587	\$45,249.65	\$0.1231	62	321,929	\$39,346.85	\$0.1222	64	288,264	\$35,141.10	\$0.1219	64	253,775	\$31,616.11	\$0.1246
SUB-TOTAL CONSUMPTION & DEMAND		5,878	12,744,059	\$1,534,487.22	\$0.1204	5,894	11,289,286	\$1,367,968.74	\$0.1212	5,901	11,144,153	\$1,318,183.35	\$0.1183	5,905	10,253,456	\$1,274,988.31	\$0.1243
Street Lights (In)	SLO	14	0	\$13.43	\$0.0000	14	0	\$13.44	\$0.0000	14	0	\$13.44	\$0.0000	14	0	\$13.44	\$0.0000
Street Lights (Out)	SLOO	2	0	\$1.92	\$0.0000	2	0	\$1.92	\$0.0000	2	0	\$1.92	\$0.0000	2	0	\$1.92	\$0.0000
Total Street Light Only		16	0	\$15.35	\$0.0000	16	0	\$15.36	\$0.0000	16	0	\$15.36	\$0.0000	16	0	\$15.36	\$0.0000
TOTAL CONSUMPTION & DEMAND		5,894	12,744,059	\$1,534,502.57	\$0.1204	5,910	11,289,286	\$1,367,984.10	\$0.1212	5,917	11,144,153	\$1,318,198.71	\$0.1183	5,921	10,253,456	\$1,275,003.67	\$0.1243

BILLING SUMMARY AND COST																	
NOVEMBER, 2019																	
2020 - JANUARY BILLING WITH NOVEMBER 201																	
Class and/or Schedule	Rate Code	# of Bills	Jul-19 (kWh Usage)	Jul-19 Billed	Cost / kWh For Month	# of Bills	Aug-19 (kWh Usage)	Aug-19 Billed	Cost / kWh For Month	# of Bills	Sep-19 (kWh Usage)	Sep-19 Billed	Cost / kWh For Month	# of Bills	Oct-19 (kWh Usage)	Oct-19 Billed	Cost / kWh For Month
Residential (Dom-In)	E1	3,344	1,867,903	\$245,867.24	\$0.1316	3,346	2,732,680	\$346,222.17	\$0.1267	3,359	3,350,534	\$393,425.78	\$0.1174	3,342	2,627,375	\$300,713.94	\$0.1145
Residential (Dom-In) w/Ecosmart	E1E	7	3,714	\$490.94	\$0.1322	7	5,114	\$652.39	\$0.1276	7	5,542	\$659.37	\$0.1190	6	4,129	\$476.93	\$0.1155
Residential (Dom-In - All Electric)	E2	628	344,748	\$45,441.85	\$0.1318	632	440,183	\$56,326.12	\$0.1280	630	510,776	\$60,676.95	\$0.1188	626	418,793	\$48,478.09	\$0.1158
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	558	\$73.44	\$0.1316	1	834	\$105.55	\$0.1266	1	859	\$101.69	\$0.1184	1	659	\$76.37	\$0.1159
Total Residential (Domestic)		3,980	2,216,923	\$291,873.47	\$0.1317	3,986	3,178,811	\$403,306.23	\$0.1269	3,997	3,867,711	\$454,863.79	\$0.1176	3,975	3,050,956	\$349,745.33	\$0.1146
Residential (Rural-Out)	ER1	786	641,759	\$88,459.44	\$0.1378	786	867,108	\$115,416.57	\$0.1331	783	957,566	\$118,989.72	\$0.1243	787	780,581	\$94,896.91	\$0.1216
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,594	\$365.77	\$0.1410	4	3,894	\$523.03	\$0.1343	4	3,819	\$483.39	\$0.1266	4	2,819	\$354.28	\$0.1257
Residential (Rural-Out - All Electric)	ER2	367	325,561	\$44,556.81	\$0.1369	367	424,736	\$56,355.32	\$0.1327	367	472,761	\$58,550.99	\$0.1238	367	388,564	\$46,991.85	\$0.1209
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	1,372	\$192.30	\$0.1402	2	1,219	\$171.23	\$0.1405	2	2,134	\$267.77	\$0.1255	2	1,794	\$220.01	\$0.1226
Residential (Rural-Out w/Dmd)	ER3	15	15,858	\$2,139.28	\$0.1349	15	19,604	\$2,578.69	\$0.1315	15	14,462	\$1,828.22	\$0.1264	15	12,756	\$1,571.27	\$0.1232
Residential (Rural-Out - All Electric w/Dmd)	ER4	9	7,763	\$1,064.90	\$0.1372	9	8,355	\$1,126.27	\$0.1348	9	9,737	\$1,220.01	\$0.1253	9	8,911	\$1,083.02	\$0.1215
Total Residential (Rural)		1,183	994,907	\$136,778.50	\$0.1375	1,183	1,324,916	\$176,171.11	\$0.1330	1,180	1,460,479	\$181,340.10	\$0.1242	1,184	1,195,425	\$145,117.34	\$0.1214
Commercial (1 Ph-In - No Dmd)	EC2	72	33,471	\$5,496.30	\$0.1642	73	28,115	\$4,736.29	\$0.1685	73	30,579	\$4,830.90	\$0.1580	74	28,344	\$4,423.71	\$0.1561
Commercial (1 Ph-Out - No Dmd)	EC2O	50	8,924	\$1,838.47	\$0.2060	50	8,740	\$1,799.65	\$0.2059	50	13,407	\$2,332.17	\$0.1740	50	10,059	\$1,854.12	\$0.1843
Total Commercial (1 Ph) No Dmd		122	42,395	\$7,334.77	\$0.1730	123	36,855	\$6,535.94	\$0.1773	123	43,986	\$7,163.07	\$0.1628	124	38,403	\$6,277.83	\$0.1635
Commercial (1 Ph-In - w/Demand)	EC1	259	279,300	\$44,966.50	\$0.1610	260	316,168	\$49,374.46	\$0.1562	259	434,957	\$61,778.60	\$0.1420	258	377,106	\$52,169.22	\$0.1383
Commercial (1 Ph-Out - w/Demand)	EC1O	24	39,602	\$5,730.99	\$0.1485	24	40,570	\$5,959.69	\$0.1469	24	50,125	\$6,798.92	\$0.1356	24	46,145	\$6,129.64	\$0.1328
Total Commercial (1 Ph) w/Demand		283	317,902	\$50,697.49	\$0.1595	284	356,738	\$55,334.15	\$0.1551	283	485,082	\$68,577.52	\$0.1414	282	423,251	\$58,298.86	\$0.1377
Commercial (3 Ph-Out - No Dmd)	EC4O	2	40	\$41.55	\$1.0388	2	80	\$46.97	\$0.5871	2	40	\$41.17	\$1.0293	2	240	\$65.91	\$0.2746
Total Commercial (3 Ph) No Dmd		2	40	\$41.55	\$1.0388	2	80	\$46.97	\$0.5871	2	40	\$41.17	\$1.0293	2	240	\$65.91	\$0.2746
Commercial (3 Ph-In - w/Demand)	EC3	215	1,710,073	\$236,293.10	\$0.1382	216	1,921,250	\$260,730.87	\$0.1357	214	2,176,647	\$275,955.59	\$0.1268	214	2,333,225	\$284,939.75	\$0.1221
Commercial (3 Ph-Out - w/Demand)	EC3O	37	239,673	\$34,913.66	\$0.1457	37	274,728	\$38,593.50	\$0.1405	37	302,688	\$39,850.84	\$0.1317	37	298,438	\$37,614.65	\$0.1260
Commercial (3 Ph-Out - w/Dmd.&Sub-St.)	E3SO	3	101,960	\$13,281.90	\$0.1303	3	113,080	\$14,331.86	\$0.1267	3	119,120	\$14,130.30	\$0.1186	3	115,840	\$13,235.25	\$0.1143
Commercial (3 Ph-In - w/Demand, No Tar.)	EC3T	1	1,400	\$199.68	\$0.1426	1	2,800	\$439.96	\$0.1571	1	7,360	\$907.68	\$0.1233	1	8,160	\$955.95	\$0.1172
Total Commercial (3 Ph) w/Demand		256	2,053,106	\$284,688.34	\$0.1387	257	2,311,858	\$314,096.19	\$0.1359	255	2,605,815	\$330,844.41	\$0.1270	255	2,755,663	\$336,745.60	\$0.1222
Large Power (In - w/Dmd & Rct)	EL1	15	1,880,311	\$209,268.21	\$0.1113	15	2,010,579	\$221,306.70	\$0.1101	15	2,252,991	\$222,017.11	\$0.0985	15	2,215,279	\$211,874.83	\$0.0956
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	983,750	\$104,878.64	\$0.1066	3	1,027,578	\$108,238.53	\$0.1053	3	848,595	\$89,630.95	\$0.1056	3	1,062,552	\$99,051.98	\$0.0932
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	478,800	\$54,694.42	\$0.1142	1	427,200	\$50,434.47	\$0.1181	1	432,000	\$46,652.40	\$0.1080	1	382,800	\$38,486.91	\$0.1005
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	87,622	\$16,661.21	\$0.1901	2	79,464	\$15,862.73	\$0.1971	2	82,829	\$14,994.63	\$0.1810	2	82,589	\$13,470.01	\$0.1631
Total Large Power		21	3,430,483	\$385,502.48	\$0.1124	21	3,544,821	\$395,642.43	\$0.1116	21	3,616,415	\$373,295.09	\$0.1032	21	3,743,220	\$362,883.73	\$0.0969
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	895,662	\$91,373.85	\$0.1020	1	853,053	\$85,795.44	\$0.1006	1	949,284	\$85,931.28	\$0.0905	1	934,470	\$80,449.52	\$0.0861
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	776,994	\$81,131.34	\$0.1044	1	694,184	\$79,070.77	\$0.1139	1	813,670	\$78,886.15	\$0.0970	1	892,849	\$79,725.62	\$0.0893
Total Industrial		2	1,672,656	\$172,505.19	\$0.1031	2	1,547,237	\$164,866.21	\$0.1066	2	1,762,954	\$164,817.43	\$0.0935	2	1,827,319	\$160,175.14	\$0.0877
Interdepartmental (In - No Dmd)	ED1	10	36,343	\$5,023.47	\$0.1382	10	46,865	\$6,385.89	\$0.1363	10	46,090	\$5,885.60	\$0.1277	10	23,257	\$3,136.55	\$0.1349
Interdepartmental (Out - w/Dmd)	ED2O	2	459	\$87.80	\$0.1913	2	605	\$107.12	\$0.1771	2	629	\$105.41	\$0.1676	2	574	\$95.67	\$0.1667
Interdepartmental (In - w/Dmd)	ED2	27	20,581	\$3,182.19	\$0.1546	29	23,478	\$3,570.98	\$0.1521	27	23,322	\$3,340.49	\$0.1432	27	20,200	\$2,844.59	\$0.1408
Interdepartmental (3Ph-In - w/Dmd)	ED3	10	146,248	\$20,261.76	\$0.1385	10	149,378	\$19,861.26	\$0.1330	10	139,132	\$17,754.02	\$0.1276	10	137,778	\$16,928.90	\$0.1229
Interdepartmental (Street Lights)	EDSL	6	21,490	\$2,075.51	\$0.0966	6	21,490	\$2,073.47	\$0.0965	6	21,490	\$2,070.47	\$0.0963	6	21,490	\$2,075.89	\$0.0966
Interdepartmental (Traffic Signals)	EDTS	8	1,342	\$124.07	\$0.0925	8	1,281	\$118.45	\$0.0925	8	1,410	\$130.39	\$0.0925	8	1,378	\$127.40	\$0.0925
Generators (JV2 Power Cost Only)	GJV2	1	18,630	\$448.80	\$0.0241	1	15,267	\$341.06	\$0.0223	1	16,041	\$374.08	\$0.0233	1	16,161	\$354.73	\$0.0219
Generators (JV5 Power Cost Only)	GJV5	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000
Total Interdepartmental		64	245,093	\$31,203.60	\$0.1273	66	258,364	\$32,458.23	\$0.1256	64	248,114	\$29,660.46	\$0.1195	64	220,838	\$25,563.73	\$0.1158
SUB-TOTAL CONSUMPTION & DEMAND		5,913	10,973,505	\$1,360,625.39	\$0.1240	5,924	12,559,680	\$1,548,457.46	\$0.1233	5,927	14,090,596	\$1,610,603.04	\$0.1143	5,909	13,255,315	\$1,444,873.47	\$0.1090
Street Lights (In)	SLO	14	0	\$13.44	\$0.0000	14	0	\$13.43	\$0.0000	14	0	\$13.44	\$0.0000	14	0	\$13.44	\$0.0000
Street Lights (Out)	SLOO	2	0	\$1.92	\$0.0000	2	0	\$1.92	\$0.0000	2	0	\$1.92	\$0.0000	2	0	\$1.92	\$0.0000
Total Street Light Only		16	0	\$15.36	\$0.0000	16	0	\$15.35	\$0.0000	16	0	\$15.36	\$0.0000	16	0	\$15.36	\$0.0000
TOTAL CONSUMPTION & DEMAND		5,929	10,973,505	\$1,360,640.75	\$0.1240	5,940	12,559,680	\$1,548,472.81	\$0.1233	5,943	14,090,596	\$1,610,618.40	\$0.1143	5,925	13,255,315	\$1,444,888.83	\$0.1090

BILLING SUMMARY AND COA														
NOVEMBER, 2019														
2020 - JANUARY BILLING WITH NOVEMBER 201														
Class and/or Schedule	Rate Code	# of Bills	Nov-19 (kWh Usage)	Nov-19 Billed	Cost / KWH For Month	# of Bills	Dec-19 (kWh Usage)	Dec-19 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	3,346	2,107,090	\$245,966.62	\$0.1167	3,352	1,800,455	\$222,392.91	\$0.1235	26,913,707	\$3,348,581.06	\$0.1244	3,343	56.4529%
Residential (Dom-In) w/Ecosmart	E1E	6	3,114	\$369.72	\$0.1187	6	2,459	\$312.29	\$0.1270	44,026	\$5,617.13	\$0.1276	7	0.1224%
Residential (Dom-In - All Electric)	E2	628	355,532	\$41,867.14	\$0.1178	636	441,766	\$53,448.48	\$0.1210	6,261,014	\$772,714.75	\$0.1234	623	10.5234%
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	544	\$64.29	\$0.1182	1	492	\$61.28	\$0.1246	6,960	\$876.16	\$0.1259	1	0.0169%
Total Residential (Domestic)		3,981	2,466,280	\$288,267.77	\$0.1169	3,995	2,245,172	\$276,214.96	\$0.1230	33,225,707	\$4,127,789.10	\$0.1242	3,974	67.1156%
Residential (Rural-Out)	ER1	793	665,163	\$82,340.16	\$0.1238	796	663,550	\$85,631.27	\$0.1291	9,323,476	\$1,217,614.26	\$0.1306	782	13.2126%
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,437	\$312.61	\$0.1283	4	2,621	\$346.78	\$0.1323	36,830	\$4,926.73	\$0.1338	4	0.0675%
Residential (Rural-Out - All Electric)	ER2	369	340,605	\$41,792.81	\$0.1227	366	384,009	\$48,605.53	\$0.1266	5,223,804	\$674,949.71	\$0.1292	369	6.2285%
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2	1,589	\$197.74	\$0.1244	2	2,162	\$273.05	\$0.1263	26,602	\$3,455.04	\$0.1299	2	0.0338%
Residential (Rural-Out w/Dmd)	ER3	15	11,385	\$1,422.85	\$0.1250	15	25,028	\$3,074.29	\$0.1228	460,725	\$58,337.67	\$0.1266	15	0.2547%
Residential (Rural-Out - All Electric w/Dm	ER4	9	7,443	\$922.40	\$0.1239	9	7,187	\$931.24	\$0.1296	123,005	\$15,984.93	\$0.1300	9	0.1520%
Total Residential (Rural)		1,192	1,028,622	\$126,988.57	\$0.1235	1,192	1,084,557	\$138,862.16	\$0.1280	15,194,442	\$1,975,268.34	\$0.1300	1,181	19.9491%
Commercial (1 Ph-In - No Dmd)	EC2	75	26,125	\$4,169.05	\$0.1596	73	28,919	\$4,644.14	\$0.1606	378,783	\$61,184.33	\$0.1615	73	1.2271%
Commercial (1 Ph-Out - No Dmd)	EC2O	50	9,208	\$1,751.53	\$0.1902	52	9,411	\$1,848.51	\$0.1964	129,896	\$24,576.39	\$0.1892	50	0.8472%
Total Commercial (1 Ph) No Dmd		125	35,333	\$5,920.58	\$0.1676	125	38,330	\$6,492.65	\$0.1694	508,679	\$85,760.72	\$0.1686	123	2.0743%
Commercial (1 Ph-In - w/Demand)	EC1	259	314,297	\$45,469.05	\$0.1447	259	270,782	\$42,443.32	\$0.1567	3,794,320	\$574,938.81	\$0.1515	259	4.3723%
Commercial (1 Ph-Out - w/Demand)	EC1O	25	39,651	\$5,351.54	\$0.1350	24	36,593	\$5,245.08	\$0.1433	517,251	\$73,216.14	\$0.1415	24	0.4067%
Total Commercial (1 Ph) w/Demand		284	353,948	\$50,820.59	\$0.1436	283	307,375	\$47,688.40	\$0.1551	4,311,571	\$648,154.95	\$0.1503	283	4.7790%
Commercial (3 Ph-Out - No Dmd)	EC4O	2	160	\$55.99	\$0.3499	2	80	\$46.41	\$0.5801	35,720	\$5,359.96	\$0.1501	2	0.0338%
Total Commercial (3 Ph) No Dmd		2	160	\$55.99	\$0.3499	2	80	\$46.41	\$0.5801	35,720	\$5,359.96	\$0.1501	2	0.0338%
Commercial (3 Ph-In - w/Demand)	EC3	214	2,026,057	\$250,461.66	\$0.1236	212	1,797,126	\$233,151.82	\$0.1297	22,393,126	\$2,977,389.14	\$0.1330	214	3.6180%
Commercial (3 Ph-Out - w/Demand)	EC3O	37	311,185	\$39,378.01	\$0.1265	36	507,722	\$63,884.66	\$0.1258	3,787,750	\$507,280.47	\$0.1339	37	0.6248%
Commercial (3 Ph-Out - w/Dmd.&Sub-St.)	E3SO	3	107,040	\$12,418.98	\$0.1160	3	109,440	\$13,095.45	\$0.1197	1,266,440	\$157,271.14	\$0.1242	3	0.0507%
Commercial (3 Ph-In - w/Demand, No Tax)	EC3T	1	5,800	\$714.10	\$0.1231	1	4,280	\$580.40	\$0.1356	40,560	\$5,262.70	\$0.1298	1	0.0169%
Total Commercial (3 Ph) w/Demand		255	2,450,082	\$302,972.75	\$0.1237	252	2,418,568	\$310,712.33	\$0.1285	27,487,876	\$3,647,203.45	\$0.1327	255	4.3104%
Large Power (In - w/Dmd & Rct)	EL1	15	2,018,915	\$196,488.29	\$0.0973	15	2,005,027	\$198,903.63	\$0.0992	21,892,461	\$2,309,111.94	\$0.1055	15	0.2533%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,069,099	\$98,928.35	\$0.0925	3	1,089,944	\$102,810.47	\$0.0943	11,860,473	\$1,211,015.01	\$0.1021	3	0.0507%
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	290,400	\$33,017.98	\$0.1137	1	324,000	\$35,708.02	\$0.1102	5,020,800	\$562,960.01	\$0.1121	1	0.0169%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	80,550	\$13,127.04	\$0.1630	2	113,457	\$19,884.22	\$0.1753	890,714	\$146,723.92	\$0.1647	2	0.0338%
Total Large Power		21	3,458,964	\$341,561.66	\$0.0987	21	3,532,428	\$357,306.34	\$0.1012	39,664,448	\$4,229,810.88	\$0.1066	21	0.3546%
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	880,467	\$77,265.04	\$0.0878	1	814,630	\$75,719.92	\$0.0930	10,436,194	\$1,012,274.14	\$0.0970	1	0.0169%
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	815,531	\$74,982.37	\$0.0919	1	831,049	\$78,113.33	\$0.0940	9,057,478	\$913,415.04	\$0.1008	1	0.0169%
Total Industrial		2	1,695,998	\$152,247.41	\$0.0898	2	1,645,679	\$153,833.25	\$0.0935	19,493,672	\$1,925,689.18	\$0.0988	2	0.0338%
Interdepartmental (In - No Dmd)	ED1	10	22,917	\$3,073.64	\$0.1341	10	23,899	\$3,069.72	\$0.1284	394,649	\$51,927.69	\$0.1316	10	0.1646%
Interdepartmental (Out - w/Dmd)	ED2O	2	540	\$91.63	\$0.1697	2	477	\$86.23	\$0.1808	5,107	\$967.34	\$0.1894	2	0.0338%
Interdepartmental (In - w/Dmd)	ED2	27	22,433	\$3,130.49	\$0.1395	27	45,949	\$6,300.76	\$0.1371	518,961	\$73,847.01	\$0.1423	28	0.4644%
Interdepartmental (3Ph-In - w/Dmd)	ED3	10	147,910	\$18,169.78	\$0.1228	10	160,730	\$20,314.79	\$0.1264	1,908,510	\$246,754.42	\$0.1293	10	0.1689%
Interdepartmental (Street Lights)	EDSL	6	32,771	\$3,138.42	\$0.0958	6	32,771	\$3,159.27	\$0.0964	256,326	\$24,684.37	\$0.0963	6	0.0957%
Interdepartmental (Traffic Signals)	EDTS	8	1,345	\$124.40	\$0.0925	8	1,192	\$110.22	\$0.0925	16,696	\$1,543.81	\$0.0925	8	0.1351%
Generators (JV2 Power Cost Only)	GJV2	1	17,934	\$311.69	\$0.0174	1	27,105	\$264.54	\$0.0098	226,146	\$5,393.26	\$0.0238	1	0.0169%
Generators (JV5 Power Cost Only)	GJV5	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	\$0.00	\$0.0000	0	0.0000%
Total Interdepartmental		64	245,850	\$28,040.05	\$0.1141	64	292,123	\$33,305.53	\$0.1140	3,326,395	\$405,117.90	\$0.1218	64	1.0794%
SUB-TOTAL CONSUMPTION & DEMAND		5,926	11,735,237	\$1,296,875.37	\$0.1105	5,936	11,564,312	\$1,324,462.03	\$0.1145	143,248,510	\$17,050,154.48	\$0.1190	5,906	99.7298%
Street Lights (In)	SLO	14	0	\$13.43	\$0.0000	14	0	\$13.43	\$0.0000	0	\$161.23	\$0.0000	14	0.2364%
Street Lights (Out)	SLOO	2	0	\$1.91	\$0.0000	2	0	\$1.91	\$0.0000	0	\$23.01	\$0.0000	2	0.0338%
Total Street Light Only		16	0	\$15.34	\$0.0000	16	0	\$15.34	\$0.0000	0	\$184.24	\$0.0000	16	0.2702%
TOTAL CONSUMPTION & DEMAND		5,942	11,735,237	\$1,296,890.71	\$0.1105	5,952	11,564,312	\$1,324,477.37	\$0.1145	143,248,510	\$17,050,338.72	\$0.1190	5,922	100.0000%



City of Napoleon, Ohio

P.O. Box 151

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Napoleon, OH 43545

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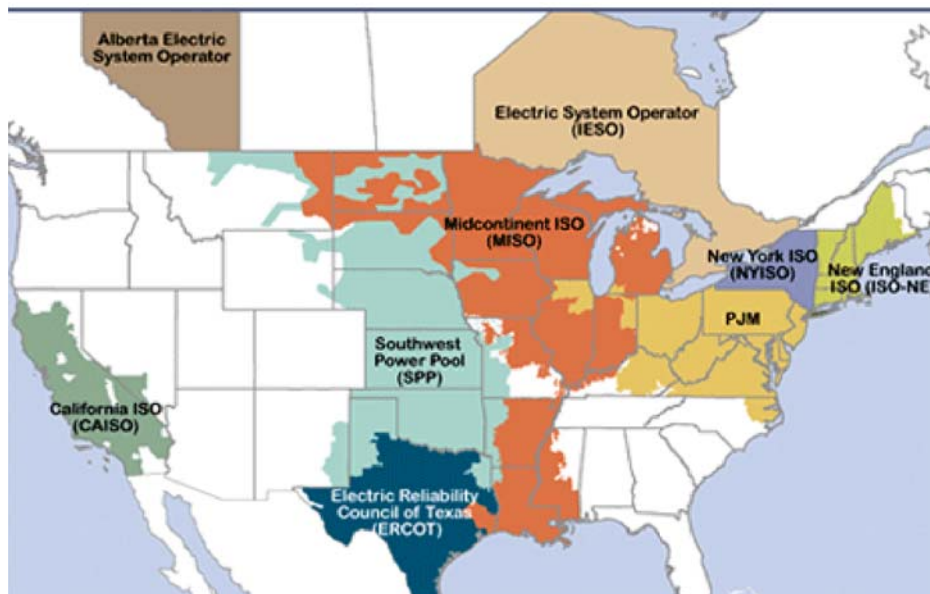
www.napoleonohio.com

Memorandum

To: Electric Committee and Board of Public Affairs
From: Joel L. Mazur, City Manager
Date: January 3, 2020
Subject: Regional Transmission Organizations (RTOs)

At the December Electric Committee and Board of Public Affairs meeting, it was requested to have information provided, in writing, to the Committee and BOPA explaining the RTOs.

RTOs facilitate competitive wholesale electricity markets as required by federal legislation and regulations. Open access, non-discriminatory regulated cost-of-service transmission provides the path between competitive wholesale suppliers and load. The map below shows the different Regional Transmission Organizations (RTOs), we are in the PJM area.



History of RTOs

RTOs were created by the Federal Energy Regulatory Commission (FERC) as a way to handle the challenges associated with the operation of multiple interconnected independent power supply companies. FERC describes this as a voluntary system. The traditional model of the vertically integrated electric utility with a transmission system designed to serve its own customers worked extremely well for decades. As dependence on a reliable supply of electricity grew and electricity was transported over increasingly greater distances, power pools were formed and interconnections developed. Transactions were relatively few and generally planned well in advance.

However, in the last decade of the 20th century, some policy makers and academics projected that the electrical power industry would ultimately experience deregulation, and RTOs were conceived as the way to handle the vastly increased number of transactions that take place in a competitive environment. About a dozen states decided to deregulate but some pulled back following the California electricity crisis of 2000 and 2001.

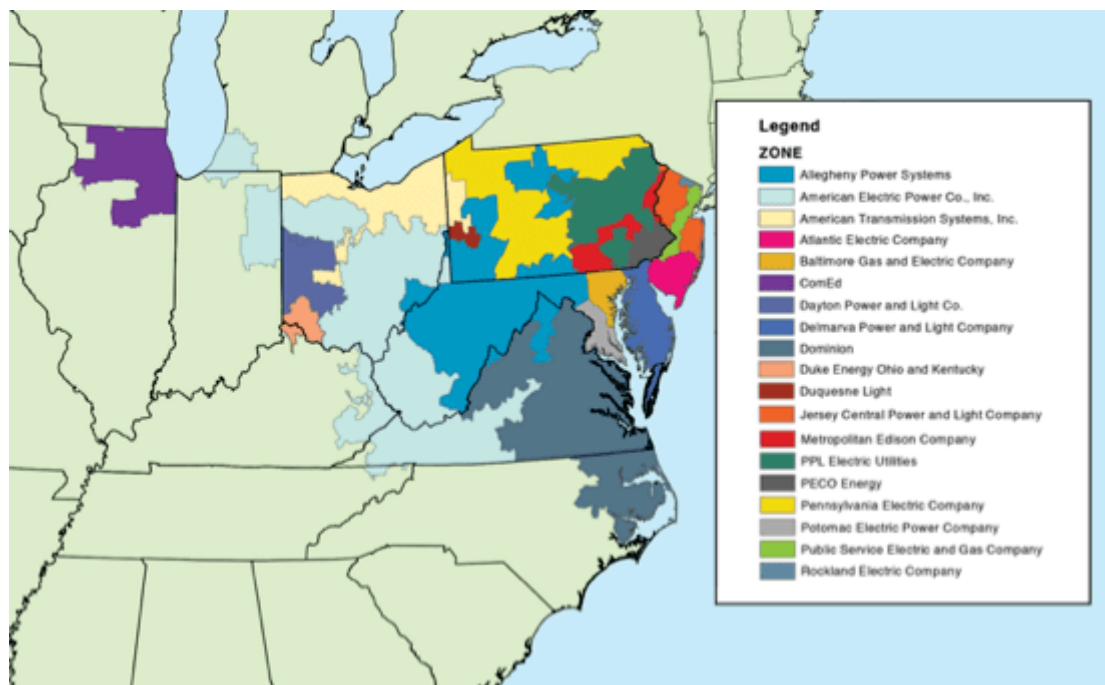
RTOs ensure three key free marketer drivers: open access and non-discriminatory services, the continued reliability of a system unequalled anywhere else, and elimination of multiple transmission charges to not negate the savings to the end-use customer.

The RTO concept provides for separation of generation and transmission and elimination of pancaked rates, and it encourages a diverse membership including public power. Wider membership contributes to the establishment of an entity with the size necessary to function as an RTO.

Cost Allocation

With all these changes, the feds had to make decisions about how the cost of transmission would be allocated among customers. Relative to cost allocation, FERC determined “The cost of transmission facilities must be allocated to those within the transmission planning region that benefit from those facilities in a manner that is at least roughly commensurate with estimated benefits.” (FERC 2010, p. 91).

In PJM, we have determined that certain high voltage facilities benefit the entire PJM footprint (13 states and the District of Columbia) while certain lower voltage facilities benefit an individual transmission owners zone. Other facilities costs are borne solely by the customers being directly served. Based on the methods established by legal precedent, Napoleon’s facilities would qualify for zonal cost allocation. In other words, they would benefit customers beyond Napoleon and qualify for zonal cost allocation (See the map below, we are in the ATSI Zone).



Instead of paying 100% of the cost of these facilities, Napoleon would pay its load ratio share of the ATSI transmission zone based on Napoleon’s contribution to the transmission peak. Based on Napoleon’s load of 30.4 MW, this would be 0.24% of the ATSI peak load.

If you would like more detailed information, below are two websites you can check out.

What is an RTO. <https://www.ferc.gov/industries/electric/indus-act/rto.asp>

Transmission Benefits and Cost Allocation by William W. Hogan - Mossavar-Rahmani Center for Business and Government - John F. Kennedy School of Government Harvard University - Cambridge, Massachusetts May 31, 2011. https://sites.hks.harvard.edu/fs/whogan/Hogan_Trans_Cost_053111.pdf

City of Napoleon, Ohio

WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE

MEETING AGENDA

Monday, January 13, 2020 at 7:00 pm

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

- 1) Approval of Minutes: September 09, 2019 (In the absence of any objections or corrections, the Minutes shall stand approved).
- 2) WWTP Phase I Improvements Project
- 3) Refuse Collection Rules
- 4) Any other matters currently assigned to the Committee
- 5) Adjournment



Roxanne Dietrich

Executive Assistant to Appointing Authority/Clerk of Council

WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE

Meeting Minutes

Monday, September 09, 2019 at 7:00 pm

PRESENT

Committee Members
BOPA Members
City Manager
City Finance Director
Recording Secretary
City Staff

Jeff Comadoll-Chair, Travis Sheaffer, Lori Siclair
Dr. David Cordes-Chair, Mike DeWit, Rory Prigge
Joel Mazur
Kelly O'Boyle
Roxanne Dietrich
Jeff Weiss, WTP Superintendent; Dave Pike WWTP Superintendent
Chad Lulfs, P.E., P.S; Director of Public Works
Northwest Signal

Others

ABSENT

Call to Order

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

Approval Minutes

Hearing no objections or corrections, the minutes from the July 08, 2019 meeting stand approved as presented.

Update on WWTP Phase I Improvements Project

Mazur gave an update on Phase 1 of the Wastewater Treatment Plant (WWTP) Project. Phase I will move the head works building near the entrance of the plant. Acquisition of Property

The acquisition of three properties near the entrance of the WWTP were approved at the September 3, 2019 Council meeting. One of the properties has access to St. Rt. 424, another property gives access across the Washington Street paper street. All are vacant lands along the railroad, the City already owns the railroad right-of-way. The third property was residential. We paid almost \$34,000 for approximately 3-1/2 acres. There is a line item for digester cleaning (\$600,000), this is a maintenance item that has not been taken care of for the last 12-15 years and should be a part of routine maintenance, now it needs to be cleaned. A buildup of sludge is putting a lot of stress on the equipment to accommodate it.

Funding

We have received pre-approval from DEFA for a \$12.5 million loan.

Sludge Disposal

Is an ongoing issue, since the new Water Treatment Plant (WTP) was built, the solids coming from the WTP and having to be handled by the WWTP has nearly doubled. Right now the sludge is being landfilled, we are bypassing the treatment process. There is so much volume coming in, it is difficult for the WWTP to handle it all. Currently the disposal of sludge is being handled within our budget this will be discussed more at budget time. DeWit asked all costs are now on the sewer side for sludge removal? Mazur answered, yes for sludge disposal. The WWTP pays for water; but, the WTP does not pay for wastewater,

Long Term Control Plan (LTCP) Update

Motion to Adjourn

Passed
Yea-3
Nay-0

Approved:
January 13, 2020

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City of Napoleon, Ohio

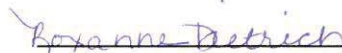
**MUNICIPAL PROPERTIES, BUILDINGS, LAND USE, AND ECONOMIC DEVELOPMENT
COMMITTEE**

MEETING AGENDA

Monday, January 13, 2020 at 7:30 pm

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

- 1) Approval of Minutes: November 11, 2019 (In the absence of any objections or corrections, the Minutes shall stand approved)
- 2) Murals on Downtown Buildings
- 3) Any other matters currently assigned to the Committee
- 4) Adjournment



Roxanne Dietrich

Executive Assistant to Appointing Authority/Clerk of Council

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

MEETING MINUTES

Monday, November 11, 2019 at 7:30 PM

PRESENT	
Members:	Lori Siclair-Chair, Jeff Mires, Jason Maassel, Joseph D. Bialorucki
City Manager	Joel Mazur
Executive Assistant to Appointing Authority/Clerk of Council	Roxanne Dietrich
Others	
ABSENT	
Call to Order	Siclair, Chair of the Municipal Properties, Building, Land Use and Economic Development Committee called the meeting to order at 7:30 pm.
Approval of Minutes	Hearing no objections or corrections, the minutes from the September 09, 2019 meeting stand approved as presented.
NORA Review	<p>Mazur stated everyone has heard that the City of Defiance is allowing patrons of the Outdoor Refreshment Area to go into non-liquored permit establishments. Patrons put a sticker on their door if liquor beverages are allowed or not allowed into their business with their beverage. I asked the Law Department, no action is required on our part. Our rules are silent on that issue all together, it just says follow state law. I did confirm with Chief Mack when the state liquor control people talked to us about setting up at the server training, we asked the question <i>can a patron that has NORA cup walk into an establishment that is a non-liquor holder</i> and they told us <i>no</i>. It is an outdoor refreshment area not an indoor refreshment area. The point is, those properties are all within the district so apparently there is a little confusion. We were told no and we never got anything to back that up in writing. We were all standing there, the Chief of Police, several bar owners, myself and others listening to this so we went off what they told us because they are the liquor control people that do the enforcement. Come to find out later, the City of Defiance is doing something different. We are trying to get a clarification on that. I don't believe there is any action required on our part, just want clarification to make sure no one is cited erroneously for something that might otherwise be legal. That's the only question I have received. We have reached out to our contacts at the state liquor control office and have not heard anything. Maassel confirmed it is status quo until we hear different. Mazur replied correct. Bialorucki said along those same lines if there is a business that does not have liquor license are they allowed to provide alcohol to customers as a gift in their business. Mazur asked you mean give it away they are not selling it? Bialorucki replied yea, come on in and have a glass of wine or something.</p>

Maassel noted the NORA review was quarterly for the first year, how is it now? Mazur said this is the last one. Maassel confirmed this is the last one unless a specific NORA issue comes up we don't have to have any more reviews. Mazur replied the next will be a five-year review. There have been no issues and there has been no issues in the other NORA districts. Maassel commented what is interesting is how many people are considering doing this or have done this. You talked about Defiance, the City of Bryan is thinking about it and there are other ones in the area. Bialorucki added Sylvania, Perrysburg. Mazur stated Bowling Green and Tiffin did not. Maassel noted those are both different because they have colleges.

Motion: Maassel Second: Mires
to adjourn the Municipal Properties, Building, Land Use and Economic
Development Committee meeting at 7:35 pm.

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

Jeff Mires - Chair

January 13, 2020

City of Napoleon, Ohio

BOARD OF PUBLIC AFFAIRS

Meeting Agenda (*Amended*)

Monday, January 13, 2020 at 6:15 pm

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

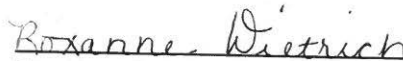
ORGANIZATION OF THE BOARD

JOINT MEETING WITH ELECTRIC COMMITTEE

- Approval of Minutes: December 09, 2019 (In the absence of any objections or corrections, the Minutes shall stand approved)
- Review/Approval of the Power Supply Cost Adjustment Factor for January 2020: Power Supply Cost Adjustment (PSCA) 3-month averaged factor \$0.01695; JV2 \$0.062811
- Update on Condition of Substations
- Electric Department Reports

JOINT MEETING WITH WATER/SEWER/REFUSE/RECYCLING & LITTER COMMITTEE

- WWTP Phase 1 Improvements Project
- Refuse Collection Rules
- Any other matters to come before the Board
- Adjournment



Roxanne Dietrich

Executive Assistant to Appointing Authority/Clerk of Council

BOARD OF PUBLIC AFFAIRS

Meeting Minutes

Monday, December 09, 2019 at 6:15 pm

PRESENT

Board of Public Affairs
Committee Members
City Manager
City Staff
Executive Assistant to Appointing
Authority (Clerk of Council)
Others

Dr. David Cordes-Chair, Mike DeWit
Ross Durham-Chair, Lori Siclair, Joseph D. Bialorucki
Joel Mazur
Dennie Clapp-Electric Distribution Superintendent
Roxanne Dietrich
Brian Koeller-Northwest Signal

ABSENT

BOPA Member

Rory Prigge

Call to Order

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

Approval of Minutes

Hearing no corrections or objections, the minutes from the November 11, 2019 Board of Public Affairs meeting stand approved as presented.

Power Supply Cost Adjustment Factor for December 2019 Discussion

Mazur stated these rates are one of the lowest we have had in the past few years. I do not foresee that this will be the norm. I do think we will see more fluctuations as time goes on. The Morgan Stanley contract is up next year. Dr. Cordes asked we want the number to go down right? Mazur replied *right*. The number will go down eventually but we are going to continue to see fluctuations. It all depends on usage and our generation. When you look at the detail sheets it will tell you what the energy charge is in terms of kilowatt hours, how many kWh we are being charged at what rate and then here is the amount. We are billed per kWh and get capacity credits and REC credits for some of the hydros and other credits. Dr. Cordes asked will the Morgan Stanley contract ending be a good thing? Mazur responded it is a good thing because right now based on all of our assets and portfolio, we are long on power. When we generate we are buying that power from AMP at a certain rate. AMP technically owns it even though we technically bought into the project at a certain percent. I don't have my folder with me to go through each individual line item; but, when they generate a lot we are buying more power. I took a one-day course on FTRs. Dr. Cordes asked what does that stand for, what did you learn? Mazur said it is a very complicated industry. FTR is Future Transmission Rights. FTR is if you have congestion on a line and get too much drawn into one location. Only so much can go through the lines without overloading them. If you get too much electricity running through the lines they will start sagging and failing and that will have a cascade effect like the rolling blackouts. Dr. Cordes stated so congestion is actually too much draw on the line not too much power sitting there and not used. Mazur replied *correct*. We are long on power right now because of the Morgan Stanley contract, because of generating resources. When that contract falls off we will not see the fluctuations like we are seeing and our rates will essentially go down.

had anything done to it for over thirty years. Mazur said there was no payback for fixing them, it was deferred maintenance, decades of deferred maintenance. Dr. Cordes-without a doubt I think AMP will make money but the thing is instead of the City DeWit-AMP will try to learn to make money they aren't doing it now, we are the guinea pig. Dr. Cordes-we are already paying for a substation and maintenance and people are getting that free farther on down the line. What AMP wants to do is buy it and that debt is off of us. They are going to spread the costs over a million some people. So, if you say we are going to be paying a dollar we are all going to be paying two or three cents, everybody will be paying two or three cents. DeWit-I don't know how AMP figures into this. AMP does not do distribution that much, they are trying to learn it. Mazur-there is a trifecta of the electric system, that is generation, distribution and transmission. Distribution is what we do, transmission is wholesale delivery and generation is making power. The first one that we did was to get out of NERC compliance, the regulatory side. What we are talking about now with the other substations, is a deferred cost rather than us having to pay for it. We won't have to pay for that cost, we can spread it out all over the ATSI zone. What we don't have in the last contract and I'm going to make sure, if this goes and is recommended and approved by Council, is to make sure we have a buy back provision. There's a big difference, a first right of refusal is if they decide to sell it we get the right to intervene and say we would prefer to buy it back. DeWit-who is going to be owning that? Mazur-AMPT will. DeWit-AMPT how much does AMP Transmission own right now? Mazur-they own three different substations but are rapidly growing. DeWit-well yea if we give them three they double. Mazur- Bowling Green is the fourth delivery point and it is all new construction. DeWit-will they have AMPT own it? Bowling Green has made that decision? Mazur-yes. They are in the process, their Council just approved signing the agreement with AMPT to start a project. It is probably a five to six million-dollar project. Dr. Cordes-we are taking nine million and instead of us paying for it we are spreading it amongst a fourth of the state, we will have to pay a little bit. Mazur-I get your point I don't want to say it is a what if scenario, it is more of an insurance policy. You know *what* if the rules change and the AMPT things does not work out or something else comes along down the road that limits us, we don't want to be viewed as making a recommendation to sell our soul to AMP Transmission. We don't control our own destiny. What a buy back provision would do is allow us at any time we want to buy back the assets for book value. Their time is already going to be factored into the rate recovery portion of the whole construction of how the rates get passed. The costs get passed to PGM who then spreads it out amongst the entire rate base of the transmission sight. Basically a buy back provision, let's say going with AMPT doesn't work out or we don't like how things are going we will just buy it back for that book value with amenities. DeWit said if we buy it back they are actually owning our substation Mazur-it's transmission absolutely. Dr. Cordes-if you buy it back you are also taking on the liability. DeWit-we have always owned our substation we have always paid for our substations there is no more risk for us owning the substation than it is for them because we are they guys maintaining it. We are also going to be the guys paying for it in the long run it Dr. Cordes-we are going to have a lot more people chipping in to pay for it we will not be paying for it it is going to be a quarter of the state chipping in to pay for it. DeWit-so we are getting it for free. Dr. Cordes-not for free but at a reduced cost. Mazur-so when First Energy builds a new transmission like the one out on Road 11 guess who is paying for that. We don't have any control over that and we are paying about 1/10,000 the cost of that. So, when we do ours, say under the scenario that AMPT takes it over, who is paying for that? We are paying 1/10,000 of that. I'm just throwing a number around it is an astronomically low number. Dr. Cordes-because the cost is shared amongst a lot of people. DeWit-part of it you can understand because of the transmission. The substations we have are closer to distribution than

transmission. Mazur-that is a great point transmission is not going to take anything on though. DeWit-I can understand where we all pay for transmission someone has to pay for the lines. But when you are dealing with a substation you are getting pretty close to getting into distribution. You only put a substation up where you are using power. You aren't moving power you are just changing it and sending it from there to the customer. Mazur-they consider it integrated transmission so they are getting rate recovery. We are not giving or selling anything to them that is not going to get a rate recovery. It has to go through the ATSI zone. I'm not saying through us I'm saying through the ATSI zone. DeWit-Well us is them once you do it you become them Mazur-1/10,000 of it. DeWit-but 1/10,000 of it if I don't know how much I'm paying for Cleveland. Mazur-you don't have a choice. You are already paying for Cleveland. Why not have Cleveland pay for us? DeWit-Cleveland right now is calling their secondary substations like we have, they are considering them transmission devices. Dr. Cordes-there is only three of them with AMP. DeWit-there must be a whole bunch of other ones doing that otherwise why would they do it. Mazur-are you saying Cleveland Public Power or First Energy? Cleveland Public Power does not cover all of Cleveland, it covers a piece of it. DeWit-you told me there are thirty million people paying besides us. Mazur-yes that's right. All throughout the ATSI zone. DeWit-it would be neat if we could to get some information so we can read it, we don't need to do it here. You have all kinds of information at your fingertips. Mazur-I will have to get you one on just regulatory transmission organizations. DeWit-you spend \$9 million and they get 10% made on every dollar spent. Dr. Cordes-other communities are doing the same thing why should we pay for it when we can cost share it amongst a quarter of the state. So, we either take advantage of it or we don't. Mazur-everybody in the City of Napoleon is already paying for all of the improvements being made to the First Energy transmission assets. First Energy is getting rate recovery on substations that is why we are having this discussion. Dr. Cordes-are you getting any of the legislators attention? Mazur-yes there is review process. FERC for the first time denied a project. No one is saying we don't need to do transmission projects. They are disputing how the money is spent and the 10% return. Building projects and baseline projects get submitted and there is a review process to be looked at to make sure the project is worth doing. What they are doing now is loading the supplemental projects to bend the rules. Someone figured out how to abuse the system and are dumping all projects into the supplemental bucket. That is what is getting the most attention. The consumer groups are now on board. It is costing us millions of dollars because they want to run the rates up through the transmission charges. That is getting more attention from the consumer groups who have a better understanding of their rates. What I'm trying to say, I will have something put in packets at some point when we get the right presentation for RTO's. The AMPT concept would then be at a later date. We will still keep this item on the agenda. DeWit-this is something we have to learn. Who is the group that decides who gets the project, who sets on that board, who decides if we do or don't get new transformers? Mazur-it's through the AMP Board. Dr. Cordes- like he said if we sell it to them we could write in things like if we want soybean oil instead of the mineral oil for the fire hazard aspect. Mazur-it has to be recoverable if it's not recoverable then it's out of our, we don't want to create any unrealistic expectations. Dr. Cordes-could this be a questionable transmission project? Mazur replied I'd say *no*, and here's why. It's integrated transmission and nobody has ever argued through this whole process that these transmission projects that they are doing aren't needed. As long as you can consider it integrated. Dr. Cordes-if we can cost share that make senses. Why spend an extra nine million? DeWit-cost share is cool as long as you are the guy that gets to determine how big your share is. Dr. Cordes-everybody else is going to be looking at cost sharing. DeWit-if you aren't in control of cost sharing you can get screwed, AMP is not a big player in this yet. Mazur-they are getting involved and I



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
Manager, City Law Director, City Finance
Director, Department Supervisors, News media
From: Roxanne Dietrich, Executive Assistant to Appointing
Authority/Clerk of Council
Date: January 9, 2020
Subject: BZA – Cancellation

The regularly scheduled meeting of the Board of Zoning Appeals set for Tuesday, January 14, 2020 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) 599-1235 Fax: (419) 599-8393

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Memorandum

To: City Council, Mayor, City Manager, City Law Director, City Finance Director, Department Supervisors, News media

From: Roxanne Dietrich, Executive Assistant to Appointing Authority/
Clerk of Council

Date: January 9, 2020

Subject: Planning Commission – Cancellation

The regularly scheduled meeting of the **PLANNING COMMISSION** for Tuesday, January 14, 2020 at 5:00 pm has been *canceled* due to a lack of agenda items.



NEWLY ELECTED COUNCIL TRAINING PROGRAM

Saturday, February 29, 2020

Saturday, March 21, 2020

Saturday, April 4, 2020

Marriott NE, Mason

Doubletree Columbus/Worthington

Embassy Suites, Independence

- 8:45 a.m. **Registration**
- 9:00 a.m. Home Rule and Local Control
- 9:45 a.m. City & Village Financing Procedures
- 10:30 a.m. Open Meetings/Public Records
- 11:15 a.m. Service Corps Presentations
- 12:15 noon **Lunch**

(After lunch the sessions will be divided into City and Village sessions.)

City Session

- 1:00 – 2:00 p.m. Council Powers and Procedures
- 2:00 – 3:00 p.m. Bidding, Purchasing, and Contracting
- 3:00 - 4:00 p.m. Liability of Municipalities and Municipal Officials

Village Session

- 1:00 – 2:00 p.m. Council Powers and Procedures
- 2:00 – 3:00 p.m. Bidding, Purchasing, and Contracting
- 3:00 – 4:00 p.m. Economic Development

2020 Newly Elected Council Training

As in the past during even numbered years the OML conducts seminars for newly elected council members after the municipal election year. These seminars are held regionally, on Saturdays for convenience and have the same program for each location. We would be so grateful if you could circulate the information on these programs to any newly elected council members in your municipality. If “veteran” members of council or municipal officials wish to attend, we also welcome them. We have enclosed a registration form with dates, locations and a program outline in this mailing you may also register online at our website www.omloho.org. (About Us/ Training Programs)

In order to create a more efficient way of distributing materials, you will receive all available materials 7 days in advance of the seminar you are registered for via email. Once registered, the email will also serve as your registration confirmation. Please feel free to print out these materials in advance and bring them with you to the seminar and/or download to your personal electronic devices such as an iPad or tablet. Some presenters may bring handouts with them that were not made available for distribution prior to the seminar. Please be aware that emails are sent through the same software as the OML Legislative Bulletin, anyone who has “unsubscribed” from the distribution list must re-subscribe or use a different email address. If you have any questions, please feel free to contact the OML office at 614-221-4349.

Registration Begins at 8:30 am at all 3 location

Saturday, February 29 Cincinnati Marriott Northeast, 9664 Mason Montgomery Road,
Mason, 45040 (513) 459-9800

Saturday, March 21 Doubletree Columbus/Worthington 175 Hutchinson Ave, Columbus,
OH 43235 (614) 885-3334

Saturday, April 4 Embassy Suites Rockside, 5800 Rockside Woods Blvd, Independence,
44131 (216) 986-9900

Registration and Payment Deadlines: *February 19* for the **February 29** Seminar; *March 11* for the **March 21** Seminar; *March 25* for the **April 4** Seminar. All paid registrations will begin receiving the confirmation email with materials 7 days prior to the seminar selected. If you have any questions about the registration process please feel free to contact the OML office.

Registration Form

Register & Pay

Online

**Please Note: 3.5%
Third Party service
fee applies**

Agenda

**(Same for all 3
training)**

Ohio Municipal League Legislative Bulletin


Ohio Municipal League <kscarrett@omlohio.org>

Fri 1/10/2020 12:03 PM

To: Roxanne Dietrich <rdietrich@napoleonohio.com>

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Legislative Bulletin

Happy New Year from everyone at the League! We hope you enjoyed the holiday season. As we transition into 2020, we've decided to recap the last year in a special bulletin for a review of 2019.

OML UPDATE AT-A-GLANCE

Before we look back on the last legislative year, here are the top three things you need to know from this past week:

- 2019 was the 4th deadliest year this decade on Ohio roadways this decade. This year saw 1,119 fatalities, while total annual fatalities have five of the past six years. Governor DeWine has announced he is working with legislative leaders to develop a statewide plan to address this problem
- On January 1, 2020, Ohio's minimum wage was increased by 15 cents to \$8.70, which will benefit an estimated 84,000 Ohio workers. Approximately two-thirds of this workforce are adults.

- Thanks to Ohio's Historic Restoration Tax Credit program, 24 historic buildings across the state will be rehabbed. The credits are expected to leverage about \$261 million in private investment in seven municipalities, preserving the historic and cultural value of these important structures while creating new opportunities for economic development. You can access a full list of the projects [HERE](#).

LEGISLATIVE REVIEW OF 2019

With a total of 719 bill introduced so far, 2019 was a busy legislative year. This year also saw the passage of three large budget bills and the introduction of many other substantial pieces of legislation that impact Ohio's cities and villages. It was also the first full year of the DeWine administration, which has been vocal in its support of local control for Ohio's municipalities.

Here are some of the most substantial legislative and policy initiatives impacting municipalities that took place on Capital Square this year:

The DeWine Administration:

The DeWine Administration has been publicly supportive of local control, which is greatly appreciated by the League. Here are some of the actions taken by Governor DeWine that have benefitted Ohio's municipalities:

- Governor DeWine signed SB 52 into law on October 25th. The bill, sponsored by Sen. Gavarone (R - Bowling Green), creates the civilian cyber security reserve forces, makes the Secretary of State a member of the Homeland Security Advisory Council, requires the Secretary of State to appoint a chief information security officer, requires the boards of elections to audit election results, and makes an appropriation. The bill goes into effect January 24th, 2020.
- Governor DeWine has twice publicly expressed his opposition to HB 242, legislation that would preempt municipal Home Rule authorities related to the taxation of single-use plastic bags and other auxiliary containers. The League appreciates the Governor's continued defense of local control and his leadership on this matter.
- This fall, Governor DeWine held multiple meetings as the Governor's Residence for local government stakeholders to discuss the distribution of a \$260 million settlement between three of the country's largest drug distributors along with a major drug making company and Cuyahoga and Summit counties. Those talks are still ongoing.

HB 62: The Transportation Budget

The legislature passed its biennial Transportation Budget, which garnered a lot of media attention and legislative debate over its increase of the gas tax. The final bill contained 10.5-cent increase for the gas tax, bringing the total to 38.5 cents a gallon, and a 19-cent increase for diesel, bringing the total to 17 cents per gallon. The distribution of the gas tax was adjusted to be split 55%-45% for the state and local governments respectively, instead of 60%-40%. Here are the other issues in the bill that impacted municipalities:

- \$5 permissive licensing fee for municipalities and townships
- \$70 million for funding public transit
- \$200 and \$100 fees for electric and hybrid vehicles respectively
- Created the Ohio's Roads to Our Future Study Committee
- Retained local control of e-scooters
- Changed administrative practices and allows the state to reduce LGF revenue distribution amounts for use of red-light cameras
- Removes \$5 million relief funding from Oil and Gas Fund to communities impacted by fracking

HB 166: The State Operating Budget

In a welcome change-of-pace, the biennial State Operating Budget this year included many provisions supported by municipalities. They include:

- Increased the Local Government Fund (LGF) to 1.68%, an additional \$5.2 million each year over the biennium.
- Fully funded the Multi-Agency Radio Communication (MARCS) local government fee offset at \$4 million over the biennium.
- Restored some of the Supplemental LGF Distribution fund to Ohio's cities.
- Changes to municipal net profit collections:
 - Required the Dept. of Taxation to develop a web portal to securely exchange information with municipalities
 - Required the Tax Commissioner to notify a municipality when a taxpayer opts out of filing with the state
 - Required the Tax Commissioner to conduct an audit referred by a municipality
 - Required the Tax Commissioner to notify and share records with a municipality when examining a taxpayer.
 - Allocated up to \$170 million from the FY 2019 General Revenue Fund (GRF) surplus to the H2Ohio fund and expanded the use of the funding to community water projects.
 - Reinstated the refundable motion picture tax credit and amended it to apply to both motion picture production expenditures and live theatre productions.
 - Authorized all municipalities to charge unpaid garbage fees as a lien against real property if the fees are equal to or greater than \$350.

- Incentivized investment in struggling communities via income tax credits for businesses that invest in Opportunity Zones.
- Allowed local governments to extend TIFS to an additional 30 years for large high-impact developments.
- Increased to \$32 the fee for the first two pages of a recorded document and split the revenue between the Housing Trust Fund and the County recorders.
- Allowed local police departments to apply for School Safety Training Grants if the local school district did not apply.
- Increased Ohio Business Gateway (OBG) funding by 295.34%.
- Allocated \$26 million over the biennium for local government audit support.
- Allocated \$42 million over the biennium for BCI lab tests.
- Deemed a public safety answering point compliant with minimum staffing standards when compliant with all other operational standard rules.

The State Operating Budget also contained a substantial provision the League opposed, which Requires the Tax Commissioner, if the Municipal Income Tax Fund has insufficient cash to meet monthly distribution obligations, to submit a plan to the Director of Budget and Management requesting the necessary cash be transferred from one or a combination of multiple municipal funds. It also required the plan to include a proposed repayment schedule to reimburse those funds for any cash transferred and allows the Department of Taxation to seize additional municipal funds if the municipality does not reimburse those transferred funds.

Ongoing Challenge of Centralized Collection in Ohio Supreme Court

In 2017, after the State Operating Budget bill was passed authorizing the Ohio Department of Taxation to centrally collect and remit municipal net profit income taxes, approximately 130 municipalities filed a legal challenge that was condensed into a single lawsuit in Franklin County. That challenge is still ongoing. Here is a timeline of the events throughout the lawsuit:

- Centralized collection was upheld by the Franklin County Court of Common Appeals on February 21, 2018.
- It was upheld once again by the Franklin County Court of Appeals on February 7, 2019.
- The cities filed a discretionary appeal to Ohio Supreme Court in May 2019.
- The Supreme Court accepted the appeals case on August 6, 2019.
- The League and several municipalities filed amicus briefs in late September 2019
- The Ohio Supreme Court is set to hear the appeals case in early 2020.

Legislative Resignations and Appointments:

2019 saw an unprecedented amount of resignations and appointments to the legislature. They are as follows:

Resigned: Sen. Lou Terhar (R - 8th Senate District, party of Hamilton County)

Appointed: Former Rep. Lou Blessing

Resigned: Former Rep. Lou Blessing (R - 29th House District, part of Hamilton County)

Appointed: Harrison City Councilwoman Cindy Abrams

Resigned: Former Rep. Steve Ardnt (R - 89th Ohio House District, Ottawa and Erie Counties)

Appointed: Lawyer Douglas Swearingen

Resigned: Sen. Brian Hill (R - 20th Senate District, Fairfield, Guernsey, Hocking, Morgan, Muskingum and parts of Athens and Pickaway Counties)

Appointed: Former Rep. Schaffer

Resigned: Former Rep. Schaffer (R - 77th House district, most of Fairfield county)

Appointed: Businessman Jeff LaRe - appointed

Resigned: Former Sen. Joe Uecker (R - 14th Senate District, Clairemont, Brown, Adams and Scioto Counties)

Appointed: Former Rep. Terry Johnson

Resigned: Former House Speaker Ryan Smith (R - 93rd House District, Vinton, Jackson, Gallia and Lawrence Counties)

Appointed: Lawrence County Auditor Jason Stephens

Resigned: Former Rep. Scott Ryan (R - 71st House District, Licking County)

Appointed: Newark City Councilman Mark Frazier

Legislation Opposed by the League:

Here is a brief overview of some of the bills that would substantially negatively impact municipalities if passed that are currently being considered by the legislature:

- HB 242 - AUXILIARY CONTAINERS. Sponsored by Rep. Lang (R - West Chester Township) and Rep. Jones (R - Freeport), would authorize the use of an auxiliary container for any purpose, to prohibit the imposition of a tax or fee on those containers, and to apply existing anti-littering law to those containers. This was voted out of the full House before the holiday break.
- SB 222 - AUXILIARY CONTAINERS. Sponsored by Sen. Rulli (R - Salem), is the Senate companion legislation to HB 242. This is currently pending in Senate Local Government, Public Safety and Veterans Affairs Committee.
- HB 163 - WATER/SEWER SERVICE. Sponsored by Rep. Brinkman (R - Cincinnati), would create a process for withholding local government funds and state water and sewer assistance from municipal corporations that engage in

certain water and sewer practices with respect to extraterritorial service. This is currently still pending in the House Public Utilities Committee

- SB 206 - NONRESIDENT MUNICIPAL TAX CREDIT. Sponsored by Sen. Schaffer (R - Lancaster), would require municipal income tax credit for nonresident taxpayers. This is currently pending in the Senate Ways and Means Committee.
- HB 288 - EMINENT DOMAIN. Sponsored by Rep. Manning (R - New Middletown), would amend the law regarding eminent domain for recreational trails. This is currently pending in the House Civil Justice Committee

Legislation Supported by the League:

Here are several of the bill that would invest in Ohio's cities and villages that are currently pending before the legislature:

- SB 39 - MIXED USE DEVELOPMENTS. Sponsored by Sen. Schuring (R - Canton) To authorize an insurance premiums tax credit for capital contributions to transformational mixed-use development projects. This is pending in House Economic and Workforce Development Committee.
- HB 13 - BROADBAND EXPANSION. Sponsored by Rep. Carfagna (R - Genoa Township) and Rep. O'Brien (D - Warren), would establish the residential broadband expansion program and make an appropriation. This is pending in House Finance Committee.
- HB 218 - PUBLIC-PRIVATE AGREEMENTS. Sponsored by Rep. Patton (R - Strongsville), would authorize certain public entities to enter into public-private initiatives with a private party through a public-private agreement regarding public facilities. This is pending in House State and Local Government Committee.
- HB 220 - LEDGER TECHNOLOGY. Sponsored by Rep. Carfagna (R - Genoa Township), would allow a governmental entity to utilize distributed ledger technology, including blockchain technology. This is currently awaiting a vote on the House floor.

- HB 312 - CROWDFUNDING. Sponsored by Rep. Powell (R - Arcanum), would permit intrastate equity crowdfunding under certain circumstances. This was voted out of the full House.
- HB 370 - FIRST AMENDMENT. Sponsored by Rep. Hillyer (R - Uhrichsville) and Rep. Baldrige (R - Winchester), would allow the Attorney General to defend political subdivisions in certain actions brought under the First Amendment to the United States Constitution or analogous provisions of the Ohio Constitution. This is pending in House Civil Justice Committee.
- SB 190 - INCOME TAX CREDIT/LAW ENFORCEMENT. Sponsored by Rep. Schaffer (R - Lancaster), would allow an income tax credit for law enforcement officials who purchase safety or protective items to be used in the course of official law enforcement activities. This is pending in Senate Ways and Means Committee.
- HB 10 - OFFICE OF DRUG POLICY. Sponsored by Rep. Brown (D - Canal Winchester) and Rep. Stoltzfus (R - Minerva), would establish the Governor's Office of Drug Policy and make an appropriation. This was re-referred to Senate Finance Committee.
- SB 8 - OPPORTUNITY ZONES. Sponsored by Sen. Schuring (R - Canton), would authorize tax credits for investments in an Ohio Opportunity Zone. This is pending in the House Economic & Workforce Development Committee.
- SB 10 - THEFT IN OFFICE. Sponsored by Sen. Wilson (R - Maineville), would expand the penalties for theft in office based on the amount stolen and to include as restitution audit costs of the entity that suffered the loss. This was re-referred to House Criminal Justice Committee.
- HB 252 - LAND REUTILIZATION. Sponsored by Rep. Greenspan (R - Westlake), would create the Land Reutilization Demolition Program and make an appropriation. This was re-referred to House Finance Committee.

The League is looking forward to continuing to work with the DeWine administration to support local control and to continue to rebuild the relationship between municipalities and the state legislature to ensure Ohio is investing in its economic engines: cities and villages.

Ohio Municipal League Meetings & Trainings

<u>Mayors Court 2020 Initial Training</u> February 20 & 21	<u>Registration Information</u>
<u>Newly Elected Council Training Programs</u> Saturday February 29, Mason Area Saturday March 21, Columbus Area Saturday April 4, Independence Area	<u>Registration Information</u>

Ohio Municipal League

Legislative Inquires:

[Kent Scarrett, Executive Director](#)
[Edward Albright, Deputy Director](#)
[Ashley Brewster, Director of Communications](#)
[Thomas Wetmore, Legislative Advocate](#)

Website/Bulletin Issues:

[Zoë Wade, Office Manager](#)

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

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AMP Update for Jan. 3, 2020

American Municipal Power, Inc. <webmaster@ampppartners.org>

Fri 1/3/2020 4:43 PM

To: Roxanne Dietrich <rdietrich@napoleonohio.com>

Having trouble viewing this email? [Click here to view web page version](#)



City of Clyde answers the call for mutual aid

By Scott McKenzie - director of member training and safety

Following a night of heavy winds and numerous outages across the state of Ohio, the Village of Monroeville issued a call for public power mutual aid on the morning of Dec. 30. Crosswinds caused a semi to overturn on Route 20, taking out two inline, three-phase primary poles.



While outages were minimal, the damage caused by the semi was significant. Crews were able to restore power within eight hours and were released home at 3 p.m.

"Everything went smoothly, efficiently and safely," said Tom Gray, Monroeville village administrator. "I want to thank everyone involved in this excellent example of mutual aid. Members helping members is what it is all about."

Thank you to the City of Clyde for answering the call for mutual aid. Your assistance is appreciated.

If you have questions about mutual aid or want to learn more, please contact Jennifer Flockerzie at jflockerzie@ampppartners.org or 614.540.0853.



AMP to hold Webex for new behind the meter generation rules

By Mike Migliore - vice president of power supply planning



PJM is implementing new requirements for behind the meter generators, mandating that they operate during PJM emergencies. Units can be exempted from this during the non-summer months if they are on a scheduled outage. These new operating and reporting procedures will be discussed during a Webex that will be held on Jan. 9 at 10:30 a.m. I will be sending Webex login instructions to members that own behind the meter generation.

If you have questions or need assistance, please feel free to contact me at mmigliore@amppartners.org or 614.540.0921.

APPA to hold Smart Energy Provider program webinar on Jan. 22

By Randy Corbin - assistant vice president of energy efficiency

The American Public Power Association (APPA) is holding a Smart Energy Provider (SEP) webinar on Jan. 22. The webinar will provide an overview of the program and application process for any community



that is interested in applying for the designation. More information on the webinar can be found [here](#).

The SEP program began last year as a best-practices designation for utility operations and to bring national recognition to utilities that incorporate energy efficiencies and sustainability into their affordable electric service. The online application process is straightforward and should take 6-10 hours to complete.

You can save your progress and work on applications as time permits. You can learn all about SEP on the APPA [website](#) and in this [webinar recording](#).

AMP staff participated in APPA's stakeholder group to create the Smart Energy Provider program. If you have any questions, please contact me at rcorbin@amppartners.org, or Erin Miller at emiller@amppartners.org.

AMP offers 20 careers in public power for 2020

By Zachary Hoffman - communications and public relations specialist

AMP is kicking off the new year by highlighting 20 careers in public power on our social media pages over the coming weeks. Members are encouraged to share these posts to drive career interest in public power.

These career posts will direct those interested to view job openings at www.amppartners.org/careers. If your community has any utility-related job openings, please send a job description with an end date for running the ad to zhoffman@amppartners.org. An ad will be included on our website and in the *Update* classifieds section.

20 careers in public power for 2020



Mechanical Engineer

In addition to these graphics, AMP has a wealth of other social media graphics and promotional materials available to members on the [AMP Currents page](#) and the [Public Power Connections page](#) of the [member extranet](#) (login required).

If you have questions about our social media efforts or the Public Power Connections page, please contact me at zhoffman@amppartners.org or 614.540.1011.



AMP welcomes new officials, requests updated contact info

By Michael Beirne - vice president of external affairs

AMP welcomes and congratulates all of the new elected officials in our member communities. We look forward to working together in the future. In order to keep our mailing lists up-to-date, we are asking that communities with new officials notify us and provide updated contact information.

Please send any updates to CRMChanges@amppartners.org.

APPA Safety Awards of Excellence now accepting nominations

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

The American Public Power Association (APPA) is now accepting nominations for their Safety Awards of Excellence. These awards are given out annually and emphasize the importance of safety in the workplace.

You can complete the simple application process [here](#). All nominations must be submitted by Jan. 31. Links to the entry form, rules and guidelines can be found on the [safety section](#) of the [APPA website](#). Winners will be recognized during the annual APPA Awards Presentation at the [Engineering and Operations Technical Conference](#) in Kansas City on April 20.

If you have questions about applying or need assistance, please contact the APPA at safety@publicpower.org or 202.467.2931.

December 2019: Warm weather leads to lowest December prices since 2002

By Mike Migliore - vice president of power supply planning

2019 energy markets finished with a whimper as two-thirds of the days in December saw above-normal temperatures. Temperatures in December 2018 were similar to 2019, but natural gas prices were much higher at the end of 2018 due to storage concerns coming off of a hot summer and cold November. With the increased natural gas production this year and mild 2019 temperatures, the amount of natural gas in storage is back to normal. Day ahead hourly prices only exceeded \$60/MWh three hours during the month with the high of \$62.55/MWh on Dec. 12 at 9 a.m. (Columbus temperature of 19 degrees). Real time prices did exceed \$100/MWh for a single hour during four days of the month with a high of \$173/MWh on Dec. 17 at 9 a.m. Because of the low prices, congestion was minimal throughout PJM.

AVERAGE DAILY RATE COMPARISONS			
	December 2019 \$/MWh	November 2019 \$/MWh	December 2018 \$/MWh
A/D Hub 7x24 Price	\$23.39	\$29.47	\$32.54
PJM West 7x24 Price	\$23.63	\$29.22	\$33.79
A/D to AMP-ATSI Congestion/Losses	\$0.28	\$0.39	\$0.99
A/D to Blue Ridge Congestion/Losses	\$0.21	\$0.38	\$0.32
A/D to PJM West Congestion/Losses	\$0.24	-\$0.25	\$1.25
PJM West to PP&L Congestion/Losses	-\$1.81	-\$5.71	-\$2.60
MISO to A/D Hub Congestion/Losses	\$1.86	\$3.05	\$2.21

Energy market update

By Jerry Willman - assistant vice president of energy marketing

The February 2020 natural gas contract decreased \$0.067/MMBtu to close at \$2.122 yesterday. The EIA reported a withdrawal of 58 Bcf for the week ending Dec. 27, which was below market expectations of 62 Bcf. Natural gas stocks are 484 Bcf higher than last year at this time and 38 Bcf below the five-year average of 3,230 Bcf.

On-peak power prices for 2021 at AD Hub closed yesterday at \$31.20/MWh which decreased \$0.45/MWh for the week.

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

Week ending Jan. 3

MON	TUE	WED	THU	FRI
\$19.35	\$22.88	\$19.66	\$24.95	\$22.69

Week ending Dec. 27

MON	TUE	WED	THU	FRI
\$25.73	\$19.68	\$17.41	\$20.10	\$20.88

Week ending Dec. 20

MON	TUE	WED	THU	FRI
\$29.08	\$25.13	\$32.60	\$32.54	\$28.58

AEP/Dayton 2021 5x16 price as of Jan. 2 — \$31.20

AEP/Dayton 2020 5x16 price as of Dec. 26 — \$31.65

AEP/Dayton 2020 5x16 price as of Dec. 19 — \$31.71

AFEC weekly update

By Jerry Willman

The AMP Fremont Energy Center (AFEC) operated in 2x1 configuration for the week, but the plant's total output varied due partly to maintenance outages coupled with PJM dispatch. AFEC required a maintenance outage on CT1 on Saturday to remove a feed pump that limited duct fire capability for the week. PJM dispatched the plant offline overnight based on economics Sunday through Tuesday. For the week, the plant generated at a 56 percent capacity factor (based on 675 MW rating).

AMP welcomes two new employees

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

Amber Williams joined AMP on Dec. 30 as information technology coordinator. In this role, Williams will perform the duties of the CIO administrative assistant and will be responsible for maintaining vendor relationships and managing software/hardware maintenance contracts.

Prior to joining AMP, Williams served as administrative assistant with A-1 Advanced Plumbing, Inc.



Mason Alexander joined AMP on Dec. 30 as energy settlement analyst. In this role, Alexander will process and analyze energy supply, transmission and other power requirements and costs on behalf of AMP member communities.



Prior to joining AMP, Alexander served as an operations analyst for Ticketfire and a field sales representative for AEP Energy. He holds a bachelor's degree in theoretical mathematics from The Ohio State University.

Please join me in welcoming Amber and Mason to AMP.

Security tip - PayPal "unusual activity" phishing scam

By Jared Price - vice president of information technology and CTO

The bad guys are trying to steal your personal and financial information again. Their latest scam is a phishing email that appears to come from your PayPal account.



Here's how it works:

1. The phishing email claims that an unknown device has accessed your PayPal account, and to protect your account and your money, you have to "verify your identity" by clicking a link and following verification steps.
2. After clicking the link, you're brought to a webpage that instructs you to complete a CAPTCHA prompt, where you must enter a code and then click a button to continue securing your account.
3. Finally, you're brought to a fake PayPal login page to enter your PayPal login credentials. If you enter your credentials, you're then instructed to submit personal and financial details, and even the login information for your email account.

If you submit your login credentials or personal information, your PayPal account can now be taken over, and your account and personal data are at risk.

Remember these tips to keep your PayPal account - and other online accounts - safe:

- Never click on links in an email you weren't expecting.
- When you receive an email asking you to log into an account or online service that you use, log into your account through your browser, not through links in the email. This way, you can ensure you're logging in to the real website.
- Do not reuse passwords. If you use the same password for different accounts and one gets hacked, they all are.

FOCUS FORWARD 2020 WEBINAR SERIES

Register by clicking this [schedule](#) or contact Erin Miller, director of energy policy and sustainability at 614.540.1019 or by email at emiller@amppartners.org.



Jan. 22, 2-3 p.m.

EV Public Charging Stations — member case studies

Mar. 9, 2-3 p.m.

Communicating with Customers — social media and more

May 14 2-3 p.m.

EVs for Your Fleet

July 21 2-3 p.m.

Beyond Electrons — social engineering services for customers

September (during AMP/OMEA Annual Conference)

Rate Design — what do customers want and need

Nov. 10 2-3 p.m.

EV Rate Design and Managing Demand

The Focus Forward Advisory Council has identified these topics to help educate and inform AMP's members about emerging industry trends and to prepare for further integration of distributed energy resources.



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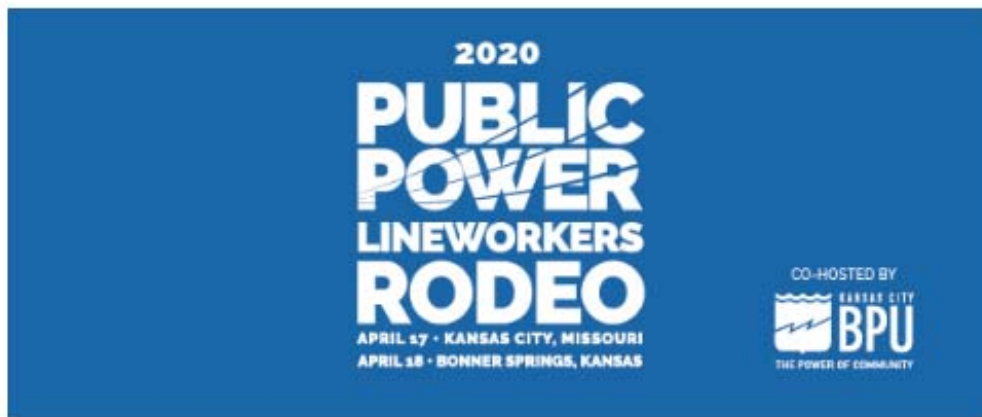
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SAVE THE DATE

APPA 2020
Legislative Rally
Feb. 24-26
Washington, D.C.



The 2020 Public Power Lineworkers Rodeo is coming up! Mark your calendar with these important dates:

Competitor Registration

Opens: November 5

Early-Bird Registration Ends: March 6

Closes: March 20

Volunteer Registration (Judges, Greeters/Auditors, General)

Opens: November 5

Closes: March 27

Hotel Reservations

Crowne Plaza Kansas City Downtown

Now Open

Close: March 26

FAQ Submissions

Open: November 5

Closers: March 27

Onsite Rodeo Registration/Pre-Rodeo Training Classes/Indoor Vendor Expo

April 17

Crowne Plaza Kansas City Downtown

Kansas City, MO

Lineworkers Training Courses

4 classes (2 hours each)

Crowne Plaza Kansas City Downtown

April 17

2020 Public Power Lineworkers Rodeo Competition

National Agricultural Center & Hall of Fame in Bonner Springs, KS

April 18

Classifieds

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

City of Cleveland seeks applicants for electric transmission SCADA engineer

The City of Cleveland is seeking applicants for the position of electric transmission SCADA engineer. Under the direction of the superintendent of purchase power, maintains Cleveland Public Power's (CPP) supervisory control and data acquisition (SCADA) system and associated systems. Interfaces with CPP's SCADA maintenance contractor, maintains current system licenses, troubleshoots, as well as installs and integrates hardware and software updates and enhancements. Develops, designs, programs and troubleshoots applications specific to the CPP SCADA system and associated systems. Prepares and delivers related training materials for transmission operators. Troubleshoots and maintains

local desktops and other peripheral equipment as well as remote SCADA equipment including remote terminal units and associated communications systems. Troubleshoots and maintains functionality relating to recording power flows in and out of the CPP system. Schedules wholesale power deliveries and communicates with PJM Interconnection, the regional transmission authority. Troubleshoots and maintains SCADA functions relating to trouble operations such as opening and closing circuits and starting generators and other equipment. Performs other related duties as required. Salary: \$31,200-\$101,920 annually.

A high school diploma or GED is required. A bachelor's degree in engineering, information technology or computer science is required. Three years of full time paid experience designing, implementing, documenting and maintaining SCADA and control systems and components for electric power and distribution networks is required (Substitution: Two years of full time paid experience may substitute for each year of college education lacking). Must be knowledgeable and experienced in working with computer networks and their configurations, communications systems technology, data management and infrastructure security. Must have demonstrated experience troubleshooting and resolving issues on critical equipment. Must be able to be on call to assist in system emergency operations at all hours. A valid State of Ohio driver's license is required.

Town of Bedford seeks applicants for assistant right-of-way supervisor

The Town of Bedford is seeking applicants for the position of assistant right-of-way supervisor. Applicants must be experienced in trimming, climbing and working around electric hazards. Class A CDL required and the ability to operate a bucket truck, chain saws and other right-of-way clearing equipment. Ability to supervise right-of-way crew and promote on the job safety. Compensation based on experience and skill level. Salary up to \$45,760 annually with benefits package to include health insurance, retirement, life insurance and annual leave.

Applications are available online at www.bedfordva.gov. Submit a completed town application online or mail to: Human Resources, 215 E. Main St., Bedford, VA 24523. Applications will be accepted until the position is filled. Resumes alone are not accepted and must be sent in with application. EOE

Qualifications

Must have a Class A CDL (or obtain a CDL in first year of employment) and be experienced right-of-way trimmer.

Borough of Grove City truck for sale by bid

The Borough of Grove City offers the following truck for sale by bid: 2000 model year Ford F750 chassis with Altec D845A Digger/Derrick. The truck has 10,101 miles on the chassis and is in good condition. Most recent ANSI and Dielectric test on Jan. 15, 2019. Front bumper mounted winch and take up reel.

For more information please contact Tanya Pollard, Grove City Borough secretary by calling 724.458.7060 extension 105 or by email at Tanya@GroveCityOnline.com.



City of Marshall seeks applicant for assistant director of electric utilities

The City of Marshall is a quaint Norman Rockwell style community with a population of 7,068 in lower, central Michigan. Located less than one hour from the campuses of the University of Michigan and Michigan State University, two hours from Detroit and beautiful Lake Michigan, and three hours from Chicago. The City has installed a fiber to the premise system to every property in the city with symmetrical speeds up to 10 mbps.

The community is seeing unusual growth with over \$1 billion of industrial growth. Click [here](#) to view the Choose Marshall video. Located at the intersection of I-94 and I-69, the crossroads of international highways, the city is preparing for large industrial and residential growth with a 1,000-acre mega industrial site. The downtown district is 97 percent commercially occupied. The city has the largest National Historic Landmark District in Michigan with many neighborhoods of historic homes.

In the next three years, it is anticipated a peak-demand growth from 23 MW to 123 MW. The city will be constructing infrastructure to meet this demand. A privately developed dual unit 500 MW gas fired power plant is proposed in the city. A complete job description can be found at www.cityofmarshall.com

Qualifications for the Assistant Director of Electric Utilities position include a degree in electrical engineering or a closely-related field, and a minimum of three to five years of experience working for an electric utility with supervisory or executive leadership responsibilities. A State of Michigan licensed professional engineer desired. Annual salary of \$80,000 with excellent benefits.

To apply for this position, submit a cover letter, resume and professional references to HumanResources@cityofmarshall.com.

The City of Marshall is an Equal Opportunity Employer. Position open until filled.

Opportunities available at AMP

AMP is seeking applicants for the following positions:

Hydro projects coordinator - Smithland, Ky.

Hydro projects coordinator - Parkersburg, W.Va.

Circuit rider and general safety coordinator

American Municipal Power, Inc.

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2020 COUNCIL, COMMITTEES, COMMISSIONS AND BOARDS*January 1, 2020*

	<i>Name of Members</i>	<i>Date Started</i>	<i>Date Term Expires</i>
<i>City Council & Mayor</i>			
Meets 1st and 3rd Monday at 7:00 pm	Joseph D. Bialorucki, President	01.18.2016	12.31.2021
	Daniel L. Baer, President Pro-Tem	01.01.2016	12.31.2023
	Jeff R. Mires	06.20.2016	12.31.2023
	Lori Sicclair	06.05.2017	12.31.2021
	Ken Haase	01.01.2018	12.31.2021
	Jeffrey W. Comadoll	11.01.2019	12.31.2021
	J. Ross Durham	11.04.2019	12.31.2023
	Mayor Jason P. Maassel	01.01.2016	12.31.2023
<i>Technology and Communications Committee</i>			
Meets 1st Monday at 6:15 pm	Ross Durham, Chair		
	Daniel L. Baer		
	Ken Haase		
<i>Electric Committee</i>			
Meets 2nd Monday at 6:15 pm	Lori Sicclair, Chair		
	Joseph D. Bialorucki		
	Ross Durham		
<i>Water, Sewer, Refuse, Recycling and Litter Committee</i>			
Meets 2nd Monday at 7:00 pm	Jeff Comadoll, Chair		
	Lori Sicclair		
	Ross Durham		
<i>Municipal Properties, Buildings, Land Use and Economic Development Committee</i>			
Meets 2nd Monday at 7:30 pm	Jeff Mires, Chair		
	Joseph D. Bialorucki		
	Lori Sicclair		
	Jason Maassel		
<i>Parks and Recreation Committee</i>			
Meets 3rd Monday at 6:00 pm	Ken Haase, Chair		
	Jeff Mires		
	Daniel L. Baer		
<i>Finance and Budget Committee</i>			
Meets 4th Monday at 6:30 pm	Joseph D. Bialorucki, Chair		
	Jeff Comadoll		
	Ken Haase		
	Jason Maassel		
<i>Safety and Human Resources Committee</i>			
Meets 4th Monday at 7:30 pm	Daniel L. Baer, Chair		
	Jeff Mires		
	Jeff Comadoll		
<i>Personnel Committee</i>			
Meets As Needed	Jason Maassel		
	Joseph D. Bialorucki		
	Lori Sicclair		

2020 COUNCIL, COMMITTEES, COMMISSIONS AND BOARDS

		DATE APPOINTED	TERM EXPIRES
BOARD OF PUBLIC AFFAIRS (BOPA) meets on the 2 nd Monday of the Month at 6:15 pm			
Three (3) Members – Three (3) Year Term. Appointed by the Mayor and Approved by City Council			
Meets on the 2 nd Monday at 6:30 pm	Dr. David Cordes-Chair (re-appointed 12.17.2018)	01/07/2013	12/31/2021
	Mike DeWit	01/03/2012	12/31/2022
	Rory Prigge	02/05/2018	12/31/2020
Ordinance No. 311, Passed 04-07-1958, Charter Section 5.04, Codified Ordinance Chapter 157			
BOARD OF ZONING APPEALS meets on the 2 nd Tuesday of the Month at 4:30 pm			
Five (5) Members – Alternating Five (5) Year Terms - One Member shall be a Member of the Planning Commission Appointed by the Mayor and Approved by Council			
Meets on the 2 nd Tuesday at 4:30 pm	Laurie Sans	03/06/2006	12/31/2021
	Tom Mack-Chair	11/18/1991	12/31/2022
	Lynn Rausch (re-appointed 12/3/2018)	10/16/2017	12/31/2023
	Steve Small	01/04/2010	12/31/2024
	David Dill	12/18/2000	12/31/2020
Ordinance 701 Passed 10.18.1965, Ordinance No. 69-01 Passed July 2, 2001, Charter Section 5.03			
PLANNING COMMISSION meets on the 2 nd Tuesday of the Month at 5:00 pm			
Five (5) Members –the Mayor and Four (4) Residents appointed by the Mayor and Approved by City Council - Alternating Six (6) Year Terms			
Meets on the 2 nd Tuesday at 5:00 pm	Suzette Gerken	10/02/2017	12/31/2023
	Tim Barry-Chair	09/02/2008	12/31/2022
	Marvin Barlow	12/16/2013	12/31/2025
	Larry Vocke	08/06/2018	12/31/2022
	Jason Maassel, Mayor	Term of Office	12/31/2023
Ordinance No. 57-01 Passed July 2, 2001, Charter Section 5.02, Codified Ordinances Section 159			
TREE COMMISSION meets on 3 rd Monday of the Month at 6:00 pm			
Five (5) Members – Four (4) Year Term – Appointed by the Mayor and Approved by City Council			
Meets on the 3 rd Monday at 6:00 pm	Gary Haase	10/21/2019	12/31/2023
	David Volkman	01/01/1994	12/31/2020
	Ed Clausing	04/18/2016	12/31/2020
	Larr Etzler	02/20/2017	12/31/2020
	Kyle Moore	09/18/2017	12/31/2020
	Jeff Mires – Council Representative (2/20/2017)	Term of Office	12/31/2023
	Aron Deblin	City Representative	
Ordinance No. 92-01 Passed 08-06-2001, Codified Ordinances Chapter 169			
CIVIL SERVICE COMMISSION meets on the 4 th Tuesday of the Month at 4:30 pm			
Three (3) Members (not more than Two of One Party) – Six (6) Year Term - Appointed by the Mayor and Approved by City Council			
Meets on the 4 th Tuesday at 4:30 pm	Bill Finnegan (D) – Chair	08/03/2015	12/31/2021
	Megan Lytle-Steele (D)	02/01/2016	12/31/2023
	Amy Baines (R) appointed 12.2.2019	12/05/2016	12/31/2025
Ordinance No. 111-01 Passed October 1, 2001, Charter Section 5.01, Codified Ordinances Chapter 155			

2020 COUNCIL, COMMITTEES, COMMISSIONS AND BOARDS

		DATE APPOINTED	TERM EXPIRES
PARKS AND RECREATION BOARD meets on the last Wednesday of the Month at 6:30 pm			
Seven (7) Members – Three (3) Year Term – Appointed by the Mayor and Approved by City Council			
<i>Meets on the Last Wednesday of the Month at 6:30 pm</i>	Matt Hardy-Chair	01/17/2005	12/31/2021
	Chad Richardson	01/05/2015	12/31/2020
	Peg Funchion	01/03/2000	12/31/2021
	Ryan Funchion	1/31/2018	12/31/2020
	Mike Saneholtz	01/01/1995	12/31/2022
	Ryan Miller	02/29/2016	12/31/2022
	Jon Knepley	08/17/2015	12/31/2022
	Jeff Mires	Council Representative	
Ordinance No. 879 Passed 03-03-1969, Charter Section 5.06, Codified Ordinances Chapter 163			
AMERICANS WITH DISABILITIES ACT COMPLIANCE BOARD (ADA)			
Five (5) Members – Three (3) Year Term – Appointed by Mayor and Approved by City Council			
<i>Meets As Needed</i>	Richard Luzny	06/21/1993	12/31/2016
	Art Germann	06/21/1993	12/31/2017
	Wayne Barber	01/03/2012	12/31/2017
	Kevin Yarnell (re-appointed 12.17.2018)	06/21/1993	12/31/2021
Ordinance No. 60-93 Passed June 21, 1993, Codified Ordinances Chapter 171.03			
AUDIT COMMITTEE			
Members of the Finance and Budget Committee of Council			
<i>Meets as Needed</i>	Joseph D. Bialorucki, Chair	<i>Members of the Finance and Budget Committee of Council</i>	
	Jeff Comadoll		
	Ken Haase		
	Jason Maassel		
Ordinance No. 028-09 Passed April 6, 2009			
BOARD OF BUILDING APPEALS			
Five (5) Members – Three (3) Year Term – Appointed by Mayor and Approved by City Council			
<i>Meets as Needed</i>	Randy Germann (Structural Engineer)	02/20/2012	12/31/2017
	Alex Stites	03/05/2012	12/31/2017
	Phillip Rausch	03/19/2012	12/31/2017
	Greg Beck (Organized Labor, Building and Construction)	02/20/2012	12/31/2017
	Jeff Lankenau (Attorney)	02/20/2012	12/31/2017
Ordinance No. 052-06 passed June 5, 2006. Ordinance No. 1116, Charter Section 5.05, Codified Ordinances Chapter 177			
CHARTER REVIEW COMMISSION			
Seven (7) Members: Five (5) Members Appointed by City Council and Two (2) Members Appointed by the Mayor (only Two (2) Members may be Councilmembers)			
<i>Meets at Least Every 8 Years</i> Meetings were in 2008, 2016 <u>Next Meeting/Appointments will be in 2024</u>	Jason Maassel, Mayor	02/01/2016	
	Council	01/04/2016	
	Council (was Patrick)	01/04/2016	
	Mike DeWit	01/04/2016	
	Ted Rohrs	01/04/2016	
	Ron Behm	01/04/2016	
	Terry Holman	02/01/2016	
Ordinance No. 64-01 Passed June 4, 2001, Charter Section 5.07, Codified Ordinances Chapter 167			

2020 COUNCIL, COMMITTEES, COMMISSIONS AND BOARDS

		DATE APPOINTED	TERM EXPIRES
CIC BOARD			
One (1) Year Term for Officials-Appointed by the Mayor and Approved by City Council, 3 Year Term for Citizens-Appointed by the CIC Board			
Meets: 3 rd Tuesday at 5:00 pm	Jason Maassel, Elected Official [Resolution No. 089-19]	08/04/2014	12/31/2020
	Dan Baer, Elected Official [Resolution No. 089-19]	02/15/2016	12/31/2020
	Greg Beck, Citizen (resigned July 2018)		
	Kevin Yarnell, Citizen		
	Chris Peper, Citizen		
	Kelli Burkhardt, Citizen	5/12/2012	12/31/2021
Ordinance No. 017-11 passed March 21, 2011, Codified Ordinances Chapter 165.01.			
COUNTY/CITY GENERAL HEALTH DISTRICT			
Five (5) year term; Appointed by the City Manager and Approved by City Council			
Meets:	Dr. Doug Lindsay	10/13/2011	03/01/2019
As Needed	Joel Miller (re-appointed 3.18.2019)	03/03/2008	12/31/2023
Ordinance No. 143-02 passed December 2, 2002. Codified Ordinances Chapter 161.01			
FAIR HOUSING BOARD			
Three (3) Members - Three (3) year term, Appointed by the Mayor (shall not be employed by the City, an elected public official or candidate for public office) ex officio			
Meets:	Mary Jo Sands	04/16/2012	
As Needed	Donna Fowler	04/16/2012	
	Trudy Wachtman	05/07/2012	
	Mayor	Ex-Officio Member	
Codified Ordinances Chapter 515.04 (1978 Code 100.04)			
HEALTHCARE COST COMMITTEE			
Two (2) Representatives from each Collective Bargaining Unit (as selected by that unit), Two Representatives from Administration (selected by the City Manager) and Two (2) Non-Bargaining Members as Selected by the Mayor.			
Meets: As Needed	Chad Lulfs, Non-Bargaining- Chair		
	Rocky Rubio, PD		
	Brad Strickland, PD		
	Toby Westhoven, FD		
	- Vacant - FD		
	Kent Bacon, AFSCME (4.2019)		
	Roger Eis, AFSCME		
	Dave Mack, Non-Bargaining	1/17/2016	
	Kelly O'Boyle, Admin	07.25.2019	
	Joel Mazur, Admin		
Ordinance No. 125-00 passed December 4, 2000			
HENRY COUNTY METROPOLITAN HOUSING AUTHORITY			
Five (5) Year Term, Appointed by the Mayor			
Meets:	Cheryl Hershberger		10/01/2022
as Needed	Anthony Greiser (re-appointed 12-3-2018)		09/22/2023

2020 COUNCIL, COMMITTEES, COMMISSIONS AND BOARDS

		DATE APPOINTED	TERM EXPIRES
HOUSING ADVISORY COMMITTEE			
Five (5) Members representing area agencies, organizations and businesses as determined appropriate by the Mayor - Four (4)-Year Term, appointed by the Mayor and Approved by City Council			
<i>Meets: as Needed</i>	Greg Beck – Builder	03/19/2018	12/31/2021
	Trudie Wachtman – Realtor	03/19/2018	12/31/2021
	Chris Chamberlain – Business Owner	03/19/2018	12/31/2021
	Kelly Burkhart – Agency	03/19/2018	12/31/2021
	Joe Moser – Citizen-at-Large	03/19/2018	12/31/2021
Ordinance No. 063-05 passed July 5, 2005.			
HOUSING COUNCIL			
Two (2) Members appointed by the Mayor; Two (2) Members appointed by City Council; Two (2) Members appointed by the Housing Council and One (1) Member appointed by the Planning Commission			
Three (3)-Year term			
<i>Meets: 1st Monday in April (must be after TIRC has met) at 6:30 pm</i>	Joel Miller, (Mayor's Appointment) 12.17.2018	12/17/2018	12/31/2021
	Joseph D. Bialorucki (Mayor's Appointment) re-appointed 12.3.18	04/04/2016	12/31/2021
	Lori Sicclair, (Council Appointment) re-appointed 3.18.2019	04/03/2017	12/31/2021
	Ted Rohrs, (Council Appointment) re-appointed 3.18.2019	04/04/2016	12/31/2021
	Kevin Yarnell, (Housing Council Appointment) re-appointed 4.1.19	04/04/2016	12/31/2021
	Jerry Tonjes, (Housing Council Appointment) re-appointed 4.1.19	04/03/2017	12/31/2021
	Cheryl Hershberger, (Planning Commission Appt.) re-appointed 3.12.2019	04/12/2016	12/31/2021
Ordinance No. 120-00 Passed October 16, 2000			
LOCAL BOARD OF TAX REVIEW			
Two (2) members appointed by Legislative Authority; One (1) member is to be a City Employee; but not an employee of the Finance Department, appointed by the City Manager – Two (2)-Year term			
<i>Meets: as Needed</i>	Jonathon Floering	01/18/2016	12/31/2017
	Sheri Heckerman	01/28/2016	12/31/2017
Ordinance No. 053-15 Passed November 16, 2015, Codified Ordinances Chapter 194.18			
LODGE TAX ADVISORY AND CONTROL BOARD			
Appointed by the Mayor – no term for Council or Mayor. Mayor Optional, Two (2) Councilmembers, One (1) Member from the Chamber, One (1) Member of the Parks & Rec Board and One (1) Member from a Lodging Business for a Two (2)-Year term			
<i>Meets: as Needed</i>	, Council Representative		Term of Office
	Joel Miller, Chamber		
	Jason Maassel, Mayor		Term of Office
	____ (Parks & Rec)		
	____ (Lodging)		
Ordinance No. 93-01 Passed September 4, 2001, Codified Ordinances Chapter 191.21.			
MAUMEE VALLEY PLANNING ORGANIZATION BOARD			
One Member from the City, Appointed by the Mayor			
<i>Meets: Quarterly</i>			

2020 COUNCIL, COMMITTEES, COMMISSIONS AND BOARDS

		DATE APPOINTED	TERM EXPIRES
NAPOLEON INFRASTRUCTURE/ECONOMIC DEVELOPMENT FUND REVIEW COMMITTEE (NIEDF)			
<i>Meets: as Needed</i>	Joel Mazur, City Manager		
	Kelly O'Boyle, Finance Director		
	April Welch, CIC Director		
Resolution No. 030-11 Passed July 5, 2011, also covered in Contractual Agreement with CIC			
PRESERVATION COMMISSION			
Five (5) Members each appointed by the Mayor, one for a term of one year, one for a term of two years, one for a term of three years, one for a term of four years and one for a term of five years.			
<i>Meets: as Needed</i>	Mary Wesche-Chair	08/05/2013	12/31/2020
	Joel Miller	09/08/2009	12/31/2020
	Chris Peper	08/06/2018	12/31/2020
	Marv Barlow	09/08/2009	12/31/2020
	Glenn Miller	10/17/2011	12/31/2020
Ordinance No. 031-09 passed May 18, 2009, Codified Ordinances Chapter 181.01			
PRIVACY COMMITTEE (notify Finance Director and Lori) meets on the 2nd Tuesday in May and November at 10:30 am			
Six (6)-year term with Experience in Customer Service, Accounting, Info. Sys/Tech, Human Resources, Senior Management or Law Enforcement			
<i>Meets: 2nd Tuesday of May and November at 10:30 am</i>	Tony Cotter-Chair	03/06/2017	12/31/2019
	Joel Mazur	07/17/2017	12/31/2023
	Christine Peddicord		12/31/2021
Per Ordinance No. 083-08 Passed October 20, 2008			
RECORDS COMMISSION meets on the 2nd Tuesday in June and December at 4:00 pm			
Five (5)-Year term, Mayor-Chair, Finance Director, City Manager, Law Director and One (1) Citizen			
<i>Meets: the 2nd Tuesday of June and December at 4:00 pm</i>	Jason Maassel, Mayor-Chair		
	Kelly O'Boyle, City Finance Director		
	Joel L. Mazur, City Manager		
	Billy D. Harmon, Law Director		
	Doug Herman, Citizen		12/31/2020
Ordinance No. 56-94 Passed July 18, 1994, Codified Ordinances Chapter 173			
TAX INCENTIVE REVIEW COUNCIL (TIRC)			
Appointed by Council President			
	Jeff Mires	03/04/2019	12/31/2019
	Jeff Comadoll	03/04/2019	12/31/2019

2020 COUNCIL, COMMITTEES, COMMISSIONS AND BOARDS**VOLUNTEER FIREFIGHTERS DEPENDENTS FUND BOARD**

Two (2) Members Appointed by City Council, Two (2) Members Appointed by the Fire Department and One (1) Member Appointed by the VFFD Fund Board – One (1)-Year Term

<i>Meets: As Needed</i>	Jeff Comadoll, Appointed by Council	01/06/2020	12/31/2020
	Joe Bialorucki, Appointed by Council	01/06/2020	12/31/2020
	Betty Ward	Appt. by Vol. Fire Dept.	12/31/2020
	Pete Celani	Appt. by Vol. Fire Dept.	12/31/2020
	Dr. David Cordes	Appointed by Board 1-28-2019	12/31/2020
		DATE APPOINTED	TERM EXPIRES

VOLUNTEER PEACE OFFICERS' DEPENDENTS FUND BOARD

Two (2) Members Appointed by Council, Two (2) Members Appointed by Fire Department and One (1) Member Appointed by the Board Per Ordinance No. 010-16 – One (1)-Year Term

	Jeff Comadoll	01/06/2020 Council	12/31/2020
	Joe Bialorucki	01/06/2020 Council	12/31/2020
	Genia Donnelly	Appt. by Police Aux	12/31/2020
	Pete Mendez	Appt. by Police Aux	12/31/2020
	Dr. David Cordes	Appointed by Board 1-28-2019	12/31/2020

NEW SWIMMING POOL AQUATIC FACILITY COMMISSION

Members Appointed by Council President except for Park & Rec Board Representative was Appointed by the Park and Rec Board.

	Joel L. Mazur	City Manager
	Tony Cotter	Parks & Recreation Director
	Jeff Mires	Parks & Rec Committee Representative
	Ryan Funchion	Parks & Rec Board Representative
	Dr. Rachel Bostelman	Community Member
	Heather Gallagher	Community Member
	Molly Knepley	Community Member
	Lisa Nagel	Community Member
	Lisa Thompson	Community Member

Per Charter Section 5.08; Commission created on October 15, 2018