

# DECEMBER 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2 7:00 pm City Council	3 4:30 pm Special Civil Service Commission Mtg.	4	5	6	7
8	9 6:15 pm Electric Comm. 6:15 pm BOPA	10 10:30 am Privacy Comm. 4:00 pm Records Comm.	11	12	13	14
15	16 6:00 pm Park & Rec Comm.  7:00 pm City Council	17	18	19	20	21
22	23 6:30 pm Finance & Budget 7:30 pm Safety & HR Comm.	24 Christmas Eve	25 Christmas	26	27	28
		City Offices Close @2:00 pm	CITY OFFICES CLOSED			
		4:30 pm Civil Service	6:30 pm Park & Rec Bd.			
29	30 5th Monday No Scheduled Meetings	31	Notes:			

*City of Napoleon, Ohio*

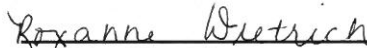
## **ELECTRIC COMMITTEE**

### **Meeting Agenda**

**Monday, December 09, 2019 at 6:15 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) **Review/Approval of the Power Supply Cost Adjustment Factor for December 2019:** PSCA 3-month averaged factor \$0.01350; JV2 \$0.009763
- 3) **Update on Condition of Substations**
- 4) **Electric Department Reports**
- 5) **Any other matters to come before the Committee**
- 6) **Adjournment**



Roxanne Dietrich

Executive Assistant to Appointing Authority (Clerk of Council)

## **ELECTRIC COMMITTEE**

### Meeting Minutes

**Monday, November 11, 2019 at 6:15 pm**

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#### **PRESENT**

Committee Members  
Board of Public Affairs  
City Manager  
City Staff

Ross Durham-Chair, Lori Siclair, Joseph D. Bialorucki  
Mike DeWit-Acting Chair, Rory Prigge  
Joel Mazur  
Dennie Clapp-Electric Distribution Superintendent  
Todd Wachtman-Substation Specialist  
Roxanne Dietrich

Clerk of Council  
Others

#### **ABSENT**

BOPA Member

Dr. David Cordes

#### **Call to Order**

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

#### **Approval of Minutes**

Hearing no corrections or objections, the minutes from the October 14, 2019 Electric Committee meeting stand approved as presented.

#### **Motion to Accept the BOPA Recommendation to Approve the November 2019 PSCAF**

Motion: Bialorucki                      Second: Siclair  
to accept the BOPA recommendation to approve the Power Supply Cost Adjustment Factor for November 2019 as PSCA three month averaged factor \$0.00831 and JV2 \$0.017383.

#### **Discussion**

Mazur noted a recommendation to have an electric rate study done in 2020 was included in next year's budget.

#### **Passed Yea-3 Nay-0**

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

#### **Update on Condition of Substations**

Mazur started with a recap from the last meeting. AMP Transmission (AMPT) is looking at what kind of scenarios we could implement. We at least want to look at what our options are if we take these projects on ourselves or if we work with AMP Transmission. We would be looking at starting with the Industrial Sub, where the second tie comes in. We would keep everything else. AMPT would do the updates with the City handling the maintenance. This is just a thought, a concept more investigation needs to be done.  
To upgrade all three substations would cost \$9.2 million dollars over a ten-year period. All the costs will get factored into the rates if the City pays for it ourselves. If AMPT was to purchase it, that is a cost they take on. The City would have a maintenance contract with AMPT and would continue doing the maintenance work we are currently doing. AMPT would recover the rates through the ATSI zone. That is one option. These are concepts. Nothing has been decided. We could look at an option of AMPT purchasing the remainder of

the Northside substation. The 69kV line runs from the north side to Industrial. Another option is we sell all the substations at once with the 69kV line. We have to weigh out all the pros and cons. What this all would mean. We would get more out of the net value if we were to sell all now. If we sell later, the assets will have a lower value. Since this is all new to everybody, let's look at selling one-third and then see if we are comfortable to sell the whole system. DeWit said should you sell it you are going to start paying AMPT for distribution at the time of the sale. Mazur said we are spreading the costs out to the whole ATSI zone. DeWit asked who determines who is paying for what and how do you determine what my piece of the pie is? Mazur said when we sold the first one, AMPT paid \$1 million dollars for that asset. The ring bust and half of the substation. Now they are paying us \$25,000/year to do the maintenance plus we are getting paid for our time and materials. Since they are the transmission owner is how they recoup money. They get rate recovery from the ATSI zone. That's why transmission costs are going up. A transmission project is rebuilt or constructed in First Energy territory, everyone is paying for these projects and so does everyone in the ATSI zone. As a transmission owner, AMPT does the same thing. Money invested in transmission assets gets spread out. It's an automatic recovery, they get all the money back plus a return on equity of about 10.28%. Every year we fight the transmission costs. All they do is build gold plated transmission without any checks and balances. Getting cost recovery plus 10% does sound too good to be true. The more money they spend they more money they make. That is why AMP Transmission is getting in the game plus to help member communities too. When a better plan is formulated, we will have AMP Transmission people come in and give a presentation. Wachtman said, when we are talking about the ATSI zone, those are questions you should be asking when we bring in those experts. We sat through two different lawyers just to understand enough to get the north side substation done. DeWit stated this took us a lifetime to build. We are going to sell in an afternoon? Mazur said AMP has seat at the table to help with projects. They have a say and want to put their best foot in for the ATSI zone decision. Bialorucki commented looking years down the road if we sold all three of these and the north side sub. What if AMP decides they want more money from people using it. Now we have no control over our rates or destiny. Mazur said that's the whole point. In the transmission world it is all rate based. Rates are a formula rate that is spread against the whole zone. Bialorucki asked what if people leave the ATSI zone and we have a smaller group of people. Will that change our rates. Will we pay more? Mazur said the RPO sets the zone and sets the rates. It's either that or we pay \$9.2 Million and roll that into the rates. We wouldn't get an influx of money. We would be paying \$9.2 million and would still be paying our people to do the work rather than be paid to have them do the work. If it's all about rates, what it best for the rates. If it's all about control. DeWit said I want to look at it both ways. (1) Keeping the rates and (2) keeping the equipment and seeing what our rates would be. We can't just constantly go back to AMP Ohio. We will get the same answer. The BOPA wants to look at it if we keep it the way it is now and what the cost would be if it isn't kept the way it is now. Mazur said what I'm seeing on the surface, it is best for the rates to go this route. Why I want to bring AMP in. We can have John Courtney come and explain the rates too. DeWit stated Courtney should be able to tell what us what will happen if we sell. The money would be bonded we

wouldn't be paying cash. Mazur said you saw on the last amortization schedule in Todd's presentation it all adds up. We are paying over \$600,000/year in debt service that has to be factored into the rates. DeWit said and in the same timeframe, I want to know what we are paying AMP Ohio for their services they will be taking over. Mazur said we are not paying them anything. They will be paying us. It's hard to understand we are giving them one of our assets and they will pay us and they will pay us to maintain. Wachtman said when we went through the north side deal. We did get two different legal opinions to counter what AMP said and to make sure it qualified in the ATSI zone. I would imagine we will do the same thing again. Those experts will tell you what the future looks like regardless of the rates. Mazur said it all depends on how you write the contract. Bialorucki suggested setting up a time for people from AMP Transmission to come in. We need to schedule enough time for their explanation and questions. Mazur noted there are a lot of things we have to sort out before we can make an informed decision. Durham asked if there is a competitor of AMP that could potentially make a better offer? Mazur replied, potentially but unlikely. We are a community member of AMP. Essentially we are a part-owner of AMP. Prigge said the last time you talked about Cadillac, if sell our transmission to AMPT when they rebuild and you are maintaining, will they put in a Yogo? Do you have an input to what goes in? Mazur said we will have input to have it built the way we want to have it built. They won't want a Yogo either. The won't recover as much money if they put in a cheaper system. Siclair noted the rates are still affected by the transmission project whether its AMP or not. Mazur said if we do the project ourselves only Napoleon residents pay for it. If AMPT does the project, the cost is spread all over the ATSI zone. Siclair asked, so what is their oversight if that is the criticism of transmission in general that our rates are so high because of all of these transmission projects that we don't have any control over. They are spending a lot of money because we know people are making money off of it. What's to say AMP isn't going to do the same thing and our rates will still be inflated. Mazur said we haven't been arguing that these transmission projects aren't needed. Upgrading the substations is needed. Siclair said right, but some aren't. Mazur said it's the level of oversight that they don't have. They are building with all steel poles when they could build with wood poles at half the cost. The biggest issue with AMP is the supplemental projects. Base projects get reviewed, supplemental projects do not get reviewed. I am recommending to keep this item as a standing agenda item. Bialorucki asked if the engineering will be put on hold until we decide what way we are going. Mazur replied yes. We took the engineering out of the budget. We will re-appropriate from the unencumbered balance later after we figure out what direction we want to go. Bialourcki asked if we go with selling to AMP, what would their timetable be. Are we looking at two to three years later than our original plan? Wachtman said whether we own or AMP owns it, the lead time to have it engineered is pushed back. We will spend this year researching our options. All these are great questions for AMP. Bialorucki asked how do you feel working on the substation. Wachtman said once we get to the engineering deal whether we work with ourselves or AMP. I am confident we will get good a substation built. The biggest hurdle is getting done with ATSI zone. We can't rush any part of this it has to follow sequence. We would like to get the bid documents out in January of 2021. Construction would be ten months later. Mazur thought we can start

## Electric Department Reports

## Other Matters

**Motion to Adjourn  
Electric Committee Mtg.**

Passed  
Yea-3  
Nay-0

**Approved**

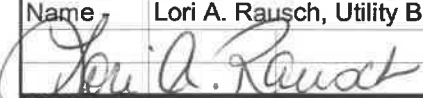
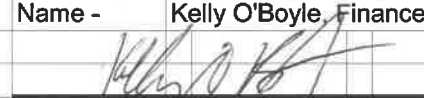
**December 9, 2019**

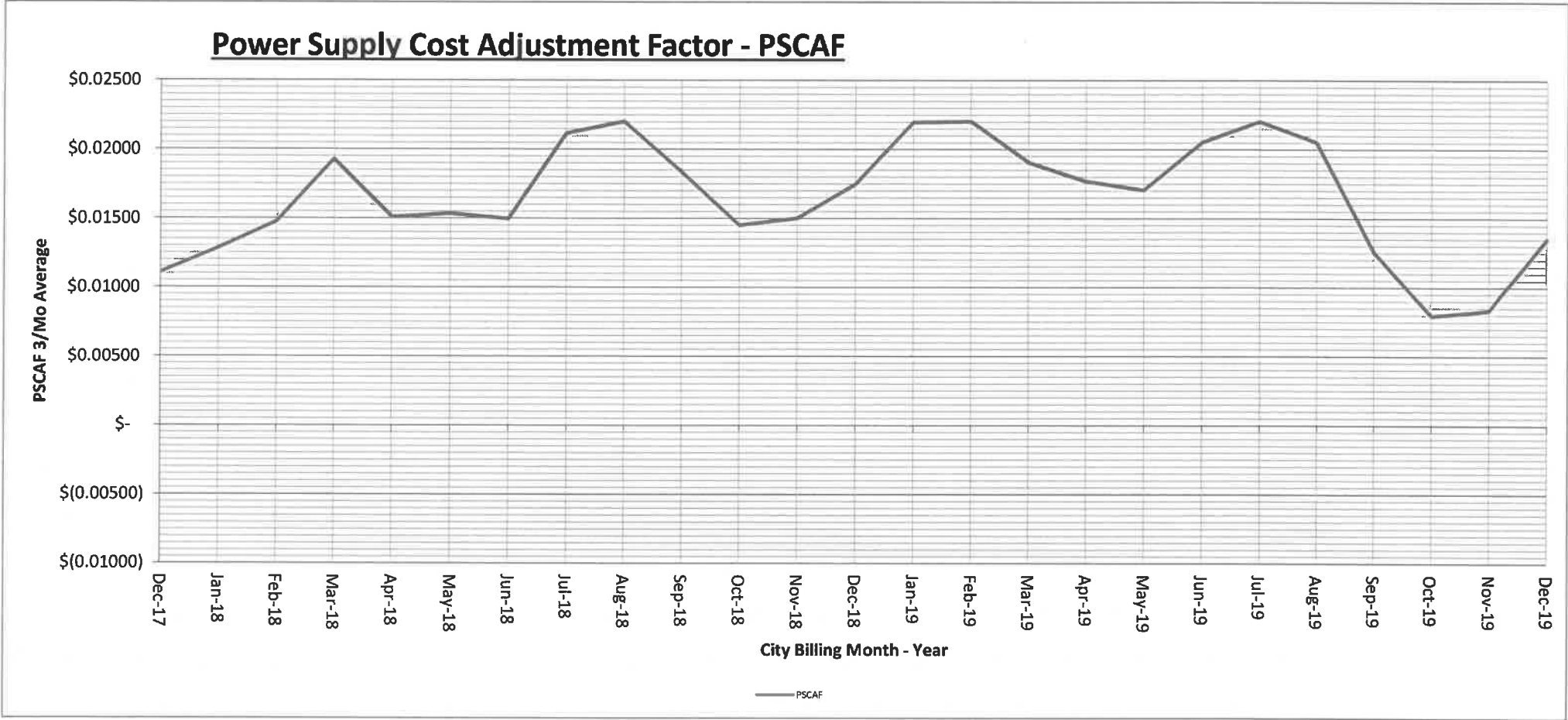
U:\~ My Files\~ RECORDS CLERK\2019\COMMITTEES and BOARDS\ELECTRIC Committee\11 11 2019\11 11 2019 Electric Comm DRAFT Minutes.docx  
Records Retention: FIN-33 Permanent

## CITY OF NAPOLEON, OHIO - PSCAF

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

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

AMP Billed Usage Month	PSCAF City Billing Month	AMP - kWh Delivered As Listed on AMP Invoices	Purchased Power Supply Costs (* = Net of Known) (+ OR - Other Cr's)	Rolling 3-Month Totals Current + Prior 2 Months		Rolling 3 Month Average Cost	Less: Fixed Base Power Supply Cost	PSCA Dollar Difference + or (-)	PSCA-Corrted. 3 MONTH AVG.FACTOR + Line Loss
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
		Actual Billed	Actual Billed w/Cr's	c + prior 2 Mo	d + prior 2 Mo	f / e	\$0.07194 Fixed	g + h	i X 1.075
Oct'17	Dec'17	12,743,776	*\$ 1,064,421.41	39,985,838	\$ 3,288,595.74	\$ 0.08224	\$ (0.07194)	\$ 0.01030	\$ 0.01107
Nov'17	Jan'18	12,424,075	\$ 1,088,533.30	38,082,957	\$ 3,194,328.99	\$ 0.08388	\$ (0.07194)	\$ 0.01194	\$ 0.01284
Dec'17	Feb'18	13,391,143	\$ 1,149,912.68	38,558,994	\$ 3,302,867.39	\$ 0.08566	\$ (0.07194)	\$ 0.01372	\$ 0.01475
Jan'18	Mar'18	13,957,533	\$ 1,336,329.96	39,772,751	\$ 3,574,775.94	\$ 0.08988	\$ (0.07194)	\$ 0.01794	\$ 0.01929
Feb'18	Apr'18	12,213,852	*\$ 914,897.80	39,562,528	\$ 3,401,140.44	\$ 0.08597	\$ (0.07194)	\$ 0.01403	\$ 0.01508
Mar'18	May'18	12,894,285	*\$ 1,115,898.14	39,065,670	\$ 3,367,125.90	\$ 0.08619	\$ (0.07194)	\$ 0.01425	\$ 0.01532
Apr'18	June'18	11,995,837	\$ 1,154,645.74	37,103,974	\$ 3,185,441.68	\$ 0.08585	\$ (0.07194)	\$ 0.01391	\$ 0.01495
May'18	July'18	12,812,421	\$ 1,184,249.00	37,702,543	\$ 3,454,792.88	\$ 0.09163	\$ (0.07194)	\$ 0.01969	\$ 0.02117
June'18	Aug'18	13,813,277	\$ 1,230,516.92	38,621,535	\$ 3,569,411.66	\$ 0.09242	\$ (0.07194)	\$ 0.02048	\$ 0.02202
July'18	Sep'18	15,234,049	\$ 1,312,135.13	41,859,747	\$ 3,726,901.05	\$ 0.08903	\$ (0.07194)	\$ 0.01709	\$ 0.01837
Aug'18	Oct'18	15,634,242	\$ 1,275,023.19	44,681,568	\$ 3,817,675.24	\$ 0.08544	\$ (0.07194)	\$ 0.01350	\$ 0.01451
Sep'18	Nov'18	13,195,770	\$ 1,197,316.71	44,064,061	\$ 3,784,475.03	\$ 0.08589	\$ (0.07194)	\$ 0.01395	\$ 0.01500
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 >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			
				11/15/2019					11/15/2019
Signature	Date				Signature	Date			





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

\_\_\_\_\_

**BILLING SUMMARY AND CONS**

2019 - DECEMBER BILLING WITH OCTOBER 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=====									
(	NYPA	JV-5	JV-6	AMP SOLAR	EFFNCY.SMART	TRANSMISSION	SERVICE FEES	MISCELLANEOUS	TOTAL -
PURCHASED POWER-RESOURCES -> (	HYDRO	HYDRO	WIND	PHASE 1	POWER PLANT	CHARGES	DISPATCH, A & B	CHARGES &	ALL
(	SCHED. @ NYIS	7x24 @ ATSI	SCHED. @ ATSI	SCHED. @ ATSI	2017 - 2020	Other Charges	Other Charges	LEVELIZATION	RESOURCES
Delivered kWh (On Peak) ->	685,016	2,297,472	49,164	115,084	0	0	0	0	13,289,174
Delivered kWh (Off Peak) ->									103,288
Delivered kWh (Replacement/Losses/Offset) ->		33,589							33,589
Delivered kWh/Sale (Credits) ->									-1,399,571
<b>Net Total Delivered kWh as Billed -&gt;</b>	<b>685,016</b>	<b>2,331,061</b>	<b>49,164</b>	<b>115,084</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,026,480</b>
Percent % of Total Power Purchased->	5.6959%	19.3827%	0.4088%	0.9569%	0.0000%	0.0000%	0.0000%	0.0000%	100.0000%
								Verification Total - >	100.0000%
<b>COST OF PURCHASED POWER:</b>									
<b>DEMAND CHARGES (+Debits)</b>									
Demand Charges	\$6,485.32	\$31,085.29	\$682.37			\$151,988.19			\$514,273.17
Debt Services (Principal & Interest)		\$55,367.84							\$210,929.74
<b>DEMAND CHARGES (-Credits)</b>									
Transmission Charges (Demand-Credits)		-\$15,404.34	-\$136.05	-\$2,890.30					-\$62,784.44
Capacity Credit	-\$2,851.75	-\$9,237.08	-\$234.83	-\$1,689.27					-\$84,552.26
<b>Sub-Total Demand Charges</b>	<b>\$3,633.57</b>	<b>\$61,811.71</b>	<b>\$311.49</b>	<b>-\$4,579.57</b>	<b>\$0.00</b>	<b>\$151,988.19</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$577,866.21</b>
<b>ENERGY CHARGES (+Debits):</b>									
Energy Charges - (On Peak)	\$7,759.96	\$40,968.29		\$4,407.71		\$5,651.93			\$392,200.17
Energy Charges - (Replacement/Off Peak)									\$3,045.78
Net Congestion, Losses, FTR	\$4,306.24								\$12,642.27
Transmission Charges (Energy-Debits)									\$10,854.43
ESPP Charges					\$16,959.16				\$16,959.16
Bill Adjustments (General & Rate Levelization)									-\$659.09
<b>ENERGY CHARGES (-Credits or Adjustments):</b>									
Energy Charges - On Peak (Sale or Rate Stabilization)									-\$32,692.93
Net Congestion, Losses, FTR									\$4,044.88
Bill Adjustments (General & Rate Levelization)									-\$25,996.13
<b>Sub-Total Energy Charges</b>	<b>\$12,066.20</b>	<b>\$40,968.29</b>	<b>\$0.00</b>	<b>\$4,407.71</b>	<b>\$16,959.16</b>	<b>\$5,651.93</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$380,398.54</b>
<b>TRANSMISSION &amp; SERVICE CHARGES, MISC.:</b>									
RPM / PJM Charges Capacity - (+Debit)						\$112,292.30			\$112,292.30
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)							\$6,985.83		\$6,985.83
Other Charges & Bill Adjustments - (+Debit/-Credit)									\$0.00
<b>Sub-Total Service Fees &amp; Other Charges</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$112,292.30</b>	<b>\$9,853.17</b>	<b>\$0.00</b>	<b>\$122,145.47</b>
<b>TOTAL NET COST OF PURCHASED POWER</b>	<b>\$15,699.77</b>	<b>\$102,780.00</b>	<b>\$311.49</b>	<b>-\$171.86</b>	<b>\$16,959.16</b>	<b>\$269,932.42</b>	<b>\$9,853.17</b>	<b>\$0.00</b>	<b>\$1,080,410.22</b>
Percent % of Total Power Cost->	1.4531%	9.5131%	0.0288%	-0.0159%	1.5697%	24.9843%	0.9120%	0.0000%	100.000%
								Verification Total - >	\$1,080,410.22
<b>Purchased Power Resources - Cost per kWh-&gt;</b>	<b>\$0.022919</b>	<b>\$0.044092</b>	<b>\$0.006336</b>	<b>-\$0.001493</b>	<b>\$0.000000</b>	<b>\$0.000000</b>	<b>\$0.000000</b>	<b>\$0.000000</b>	<b>\$0.089836</b>
(Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWH) = JV2 Electric Service Rate - >									<b>\$0.009763</b>
(Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWH) = JV5 Electric Service Rate - >									<b>\$0.009763</b>

**AMERICAN MUNICIPAL POWER, INC.**

1111 Schrock Rd, Suite 100

COLUMBUS, OHIO 43229

PHONE: (614) 540-1111

FAX: (614) 540-1078

INVOICE NUMBER: 207788

INVOICE DATE: 11/14/2019

DUE DATE: 11/29/2019

TOTAL AMOUNT DUE: \$1,080,410.22

CUSTOMER NUMBER: 5020

CUSTOMER P.O. #: RG10046

**City of Napoleon**

Attn: Finance Director

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

Napoleon, Ohio 43545-0151

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

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**Northern Power Pool Billing - October, 2019**MUNICIPAL PEAK: 26,774 kW  
TOTAL METERED ENERGY: 12,044,536 kWh

Total Power Charges:	\$800,624.63
Transmission / Capacity / Ancillary Services:	\$269,932.42
Total Other Charges:	\$9,853.17
Total Miscellaneous Charges:	\$0.00

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**GRAND TOTAL POWER INVOICE: \$1,080,410.22**

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\*\*\* The Total Charges on this invoice may include a credit paid to the Municipal for power supply which was invoiced separately and repurchased by AMP for use as a Northern Power Pool Resource.

**NOTE: PLEASE SEE ENCLOSED BACKUP FOR MORE DETAILED INFORMATION**

\*\*\* To avoid a delayed payment charge, payment must be made to provide available funds for use by AMP on or before the due date.

## Wire or ACH Transfer Information :

Huntington National Bank

Columbus, Ohio

Account 0189-2204055

ABA: #044 000024

**Notes:**

## Mailing Address :

AMP, Inc.

Dept. L614

Columbus, Oh 43260

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If you have any questions regarding the detail on this invoice, please contact Mitch Gross at [mgross@amppartners.org](mailto:mgross@amppartners.org) or at 614-540-0873.

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**DETAIL INFORMATION OF POWER CHARGES    October , 2019**  
**Napoleon**

FOR THE MONTH OF:

October, 2019

Total Metered Load kWh:	12,044,536
Transmission Losses kWh:	-18,056
Distribution Losses kWh:	0
<b>Total Energy Req. kWh:</b>	<b>12,026,480</b>

TIME OF FENTS PEAK: 10/01/2019 @ H.E. 15:00  
TIME OF MUNICIPAL PEAK: 10/01/2019 @ H.E. 14:00  
TRANSMISSION PEAK: September 5, 2018 15:00

COINCIDENT PEAK kW:	25,882
MUNICIPAL PEAK kW:	26,774
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 *	61,806 kWh =	\$5,596.56
Transmission Credit:	\$3.510472	/ kW *	-12,400 kW =	-\$43,529.85
Capacity Credit:	\$2.657838	/ kW *	-12,400 kW =	-\$32,957.19
<b>Subtotal</b>			<b>61,806 kWh =</b>	<b>-\$37,678.21</b>

**Fremont - sched @ Fremont**

Demand Charge:	\$4.340567	/ kW *	8,767 kW =	\$38,054.14
Energy Charge:	\$0.023872	/ kWh *	2,022,901 kWh =	\$48,290.00
Net Congestion, Losses, FTR:	-\$0.000413	/ kWh *		-\$835.86
Capacity Credit:	\$2.406419	/ kW *	-8,767 kW =	-\$21,097.29
Debt Service	\$4.960467	/ kW	8,767 kW	\$43,488.86
Adjustment for prior month:				-\$751.89
<b>Subtotal</b>			<b>2,022,901 kWh =</b>	<b>\$107,147.96</b>

**AMP Hydro CSW - Sched @ PJMC**

Demand Charge:	\$49.750000	/ kW *	3,498 kW =	\$174,025.50
Energy Charge:	\$0.036000	/ kWh *	1,293,650 kWh =	\$46,571.39
Net Congestion, Losses, FTR:	\$0.002457	/ kWh *		\$3,179.06
Capacity Credit:	\$0.719826	/ kW *	-3,498 kW =	-\$2,517.95
REC Credit (Estimate)	-\$0.006000	/ kWh	1,293,650 kWh	-\$7,761.90
<b>Subtotal</b>			<b>1,293,650 kWh =</b>	<b>\$213,496.10</b>

**Meldahl Hydro - Sched @ Meldahl Bus**

Demand Charge:	\$26.465317	/ kW *	504 kW =	\$13,338.52
Energy Charge:	\$0.036000	/ kWh *	191,110 kWh =	\$6,879.94
Net Congestion, Losses, FTR:	-\$0.000085	/ kWh *		-\$16.30
Capacity Credit:	\$2.480000	/ kW *	-504 kW =	-\$1,249.92
REC Credit (Estimate)	-\$0.006000	/ kWh *	191,110 kWh =	-\$1,146.66
<b>Subtotal</b>			<b>191,110 kWh =</b>	<b>\$17,805.58</b>

**JV6 - Sched @ ATSI**

Demand Charge:	\$2.274567	/ kW *	300 kW =	\$682.37
Energy Charge:			49,164 kWh	
Transmission Credit:	\$0.453500	/ kW *	-300 kW =	-\$136.05
Capacity Credit:	\$0.782767	/ kW *	-300 kW =	-\$234.83
<b>Subtotal</b>			<b>49,164 kWh =</b>	<b>\$311.49</b>

**Greenup Hydro - Sched @ Greenup Bus**

Demand Charge:	\$23.566424	/ kW *	330 kW =	\$7,776.92
Energy Charge:	\$0.009000	/ kWh *	155,684 kWh =	\$1,401.16
Net Congestion, Losses, FTR:	-\$0.000147	/ kWh *		-\$22.96
Capacity Credit:	\$1.998212	/ kW *	-330 kW =	-\$659.41
REC Credit (Estimate)	-\$0.006000	/ kWh *	155,684 kWh =	-\$934.10
<b>Subtotal</b>			<b>155,684 kWh =</b>	<b>\$7,561.81</b>

**Prairie State - Sched @ PJMC**

Demand Charge:	\$11.448770	/ kW *	4,976 kW =	\$56,969.08
Energy Charge:	\$0.008014	/ kWh *	3,047,825 kWh =	\$24,426.43
Net Congestion, Losses, FTR:	\$0.002355	/ kWh *		\$7,177.90
Capacity Credit:	\$2.258686	/ kW *	-4,976 kW =	-\$11,239.22
Debt Service	\$22.522717	/ kW	4,976 kW	\$112,073.04
Transmission from PSEC to PJM/MISO, including non-Prairie State variable charges/credits	\$0.003561	/ kWh	3,047,825 kWh	\$10,854.43
Board Approved Rate Levelization				-\$16,153.47
<b>Subtotal</b>			<b>3,047,825 kWh =</b>	<b>\$184,108.19</b>

**NYPA - Sched @ NYIS**

Demand Charge:	\$6.899277	/ kW *	940 kW =	\$6,485.32
Energy Charge:	\$0.011328	/ kWh *	685,016 kWh =	\$7,759.96
Net Congestion, Losses, FTR:	\$0.006286	/ kWh *		\$4,306.24
Capacity Credit:	\$3.050000	/ kW *	-935 kW =	-\$2,851.75
<b>Subtotal</b>			<b>685,016 kWh =</b>	<b>\$15,699.77</b>

**JV5 - 7X24 @ ATSI**

Demand Charge:	\$10.066480	/ kW *	3,088 kW =	\$31,085.29
Energy Charge:	\$0.017832	/ kWh *	2,297,472 kWh =	\$40,968.29
Transmission Credit:	\$4.988452	/ kW *	-3,088 kW =	-\$15,404.34
Capacity Credit:	\$2.991282	/ kW *	-3,088 kW =	-\$9,237.08
Debt Service (current month)	\$17.930000	/ kW	3,088 kW	\$55,367.84
<b>Subtotal</b>			<b>2,297,472 kWh =</b>	<b>\$102,780.00</b>

**JV5 Losses - Sched @ ATSI**

Energy Charge:			33,589 kWh	
<b>Subtotal</b>			<b>33,589 kWh =</b>	<b>\$0.00</b>

**JV2 - Sched @ ATSI**

Demand Charge:	\$2.483220	/ kW *	264 kW =	\$655.57
Energy Charge:			1,116 kWh	
Transmission Credit:	\$3.120833	/ kW *	-264 kW =	-\$823.90
Capacity Credit:	\$3.099811	/ kW *	-264 kW =	-\$818.35

**DETAIL INFORMATION OF POWER CHARGES October , 2019**  
**Napoleon**

JV2 Project Fuel Costs not recovered through Energy Sales to Market				\$92.80
<i>Subtotal</i>			1,116 kWh =	-\$893.88
<b>AMP Solar Phase I - Sched @ ATSI</b>				
Demand Charge:			1,040 kW	
Energy Charge:	\$0.038300	/ kWh *	115,084 kWh =	\$4,407.71
Transmission Credit:				-\$2,890.30
Capacity Credit:	\$1.624298	/ kW *	-1,040 kW =	-\$1,689.27
<i>Subtotal</i>			115,084 kWh =	-\$171.86
<b>Morgan Stanley 2015-2020 - 7x24 @ AD</b>				
Demand Charge:			3,800 kW	
Energy Charge:	\$0.062950	/ kWh *	2,827,200 kWh =	\$177,972.24
Net Congestion, Losses, FTR:	-\$0.000405	/ kWh *		-\$1,145.81
<i>Subtotal</i>			2,827,200 kWh =	\$176,826.43
<b>Efficiency Smart Power Plant 2017-2020</b>				
ESPP 2017-2020 obligation @ \$1.400 /MWh x 145,364.3 MWh / 12				\$16,959.16
<i>Subtotal</i>			0 kWh =	\$16,959.16
<b>Northern Power Pool:</b>				
On Peak Energy Charge: (M-F HE 08-23 EDT)	\$0.041162	/ kWh *	541,146 kWh =	\$22,274.56
Off Peak Energy Charge:	\$0.029488	/ kWh *	103,288 kWh =	\$3,045.78
Sale of Excess Non-Pool Resources to Pool	\$0.023359	/ kWh *	-1,399,571 kWh =	-\$32,692.93
Pool Congestion Hedge				\$4,044.88
<i>Subtotal</i>			-755,137 kWh =	-\$3,327.71
<b>Total Demand Charges:</b>				\$425,970.82
<b>Total Energy Charges:</b>				\$374,653.81
<b>Total Power Charges:</b>				\$800,624.63
<b>TRANSMISSION / CAPACITY / ANCILLARY SERVICES:</b>				
Demand Charge:	\$4.988453	/ kW *	30,468 kW =	\$151,988.19
Energy Charge:	\$0.000581	/ kWh *	9,729,008 kWh =	\$5,651.93
RPM (Capacity) Charges:	\$3.736600	/ kW *	30,052 kW =	\$112,292.30
<i>TRANSMISSION / CAPACITY / ANCILLARY SERVICES:</i>			9,729,008 kWh =	\$269,932.42
<b>Service Fee Part A,</b>				
Based on Annual Municipal Sales	\$0.000229	/ kWh *	150,253,707 kWh 1/12 =	\$2,867.34
<b>Service Fee Part B,</b>				
Energy Purchases	\$0.000580	/ kWh *	12,044,536 kWh =	\$6,985.83
<b>TOTAL OTHER CHARGES:</b>				\$9,853.17
<b>GRAND TOTAL POWER INVOICE:</b>				<b>\$1,080,410.22</b>

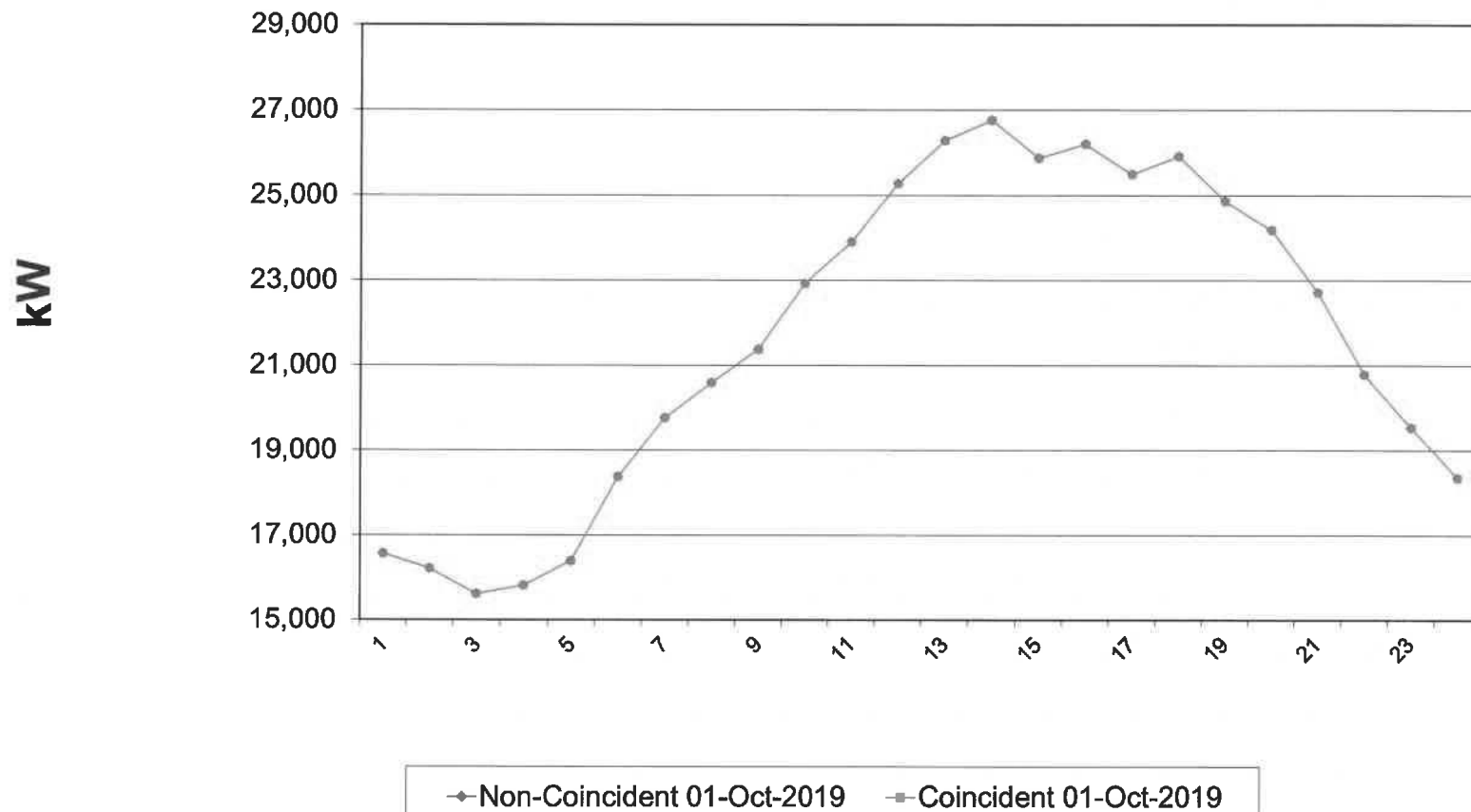
Napoleon		Capacity Plan - Actual												
Oct	2019	ACTUAL DEMAND =		26.77	MW									
Days	31	ACTUAL ENERGY =		12,045	MWH									
	SOURCE	DEMAND MW	DEMAND MW-MO	ENERGY MWH	LOAD FACTOR	DEMAND RATE \$/KW	ENERGY RATE \$/MWH	CONGESTION/L OSSES \$/MWH	CAPACITY CREDIT RATE \$/KW	TRANSMISSION CREDIT RATE \$/KW	TOTAL CHARGES	EFFECTIVE RATE \$/MWH	% OF DOLLARS	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
1	NYPA - Ohio	0.94	0.94	685	98%	\$6.90	\$11.33	\$6.29	-\$3.03	\$0.00	\$15,700	\$22.92	1.5%	
2	JV5	3.09	3.09	2,297	100%	\$28.00	\$17.83	\$0.00	-\$2.99	-\$4.99	\$102,780	\$44.74	9.5%	
3	JV5 Losses	0.00	0.00	34	0%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0	\$0.00	0.0%	
4	JV6	0.30	0.30	49	22%	\$2.27	\$0.00	\$0.00	-\$0.45	-\$0.78	\$311	\$6.34	0.0%	
5	AMP-Hydro	3.50	3.50	1,294	50%	\$49.75	\$30.00	\$2.46	-\$0.72	\$0.00	\$213,496	\$165.03	19.8%	
6	Meldahl	0.50	0.50	191	51%	\$26.47	\$30.00	-\$0.09	-\$2.48	\$0.00	\$17,806	\$93.17	1.7%	
7	Greenup	0.33	0.33	156	63%	\$23.57	\$3.00	-\$0.15	-\$2.00	\$0.00	\$7,562	\$48.57	0.7%	
8	AFEC	8.77	8.77	2,023	31%	\$9.30	\$23.50	-\$0.41	-\$2.41	\$0.00	\$107,148	\$52.97	9.9%	
9	Prairie State	4.98	4.98	3,048	82%	\$33.97	\$6.28	\$2.36	-\$2.26	\$0.00	\$184,108	\$60.41	17.1%	
10	AMP Solar Phase I	1.04	1.04	115	15%	\$0.00	\$38.30	\$0.00	-\$1.62	-\$2.78	-\$172	-\$1.49	0.0%	
11	Morgan Stanley 2015-2020 7x24	3.80	3.80	2,827	100%	\$0.00	\$62.95	-\$0.41	\$0.00	\$0.00	\$176,826	\$62.54	16.4%	
12	AMPCT	12.40	12.40	62	1%	\$2.68	\$90.55	\$0.00	-\$2.66	-\$3.51	-\$37,678	-\$609.62	-3.5%	
13	JV2	0.26	0.26	1	1%	\$2.48	\$83.15	\$0.00	-\$3.10	-\$3.12	-\$894	\$0.00	-0.1%	
14	NPP Pool Purchases	0.00	0.00	644	0%	\$0.00	\$45.57	\$0.00	\$0.00	\$0.00	\$29,365	\$45.57	2.7%	
15	NPP Pool Sales	0.00	0.00	-1,400	0%	\$0.00	\$23.36	\$0.00	\$0.00	\$0.00	-\$32,693	\$23.36	-3.0%	
	POWER TOTAL	39.91	39.91	12,026	41%	\$573,215	\$345,145	\$1.05	-\$84.453	-\$62.883	\$783,685	\$65.16	72.7%	
16	Energy Efficiency			0		\$0.00	\$0.00				\$16,959	\$0.00	1.6%	
17	Installed Capacity	30.05	30.05			\$3.74					\$112,292	\$9.32	10.4%	
18	Transmission	30.47	30.47	9,729		\$4.99	\$0.58				\$157,640	\$13.09	14.6%	
19	Service Fee B			12,045			\$0.58				\$6,986	\$0.58	0.6%	
20	Dispatch Charge			12,045			\$0.00				\$0	\$0.00	0.0%	
	OTHER TOTAL					\$264,280	\$29,597				\$293,877	\$24.40	27.3%	
GRAND TOTAL PURCHASED				12,026							\$1,077,543			
Delivered to members		26.774	26.774	12,045	60%						\$1,077,543	\$89.46	100.0%	
	2019 Forecast	DEMAND		ENERGY	L.F.						TOTAL \$	\$/MWh	Avg Temp	
	2018 Actual	22.35		12,907	78%						\$1,087,228	\$84.24	52.3	
	2017 Actual	28.32		12,850	61%						\$1,199,087	\$93.32	53.9	
		22.10		12,761	78%						\$1,185,517	\$92.90	57.5	
											Actual Temp		55.7	

NAPOLEON

Date	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday
Hour	10/1/2019	10/2/2019	10/3/2019	10/4/2019	10/5/2019	10/6/2019	10/7/2019	10/8/2019	10/9/2019	10/10/2019	10/11/2019	10/12/2019	10/13/2019	10/14/2019	10/15/2019
100	16,565	17,476	14,316	13,448	11,824	12,115	13,194	13,809	13,778	14,123	14,896	12,309	12,227	13,458	14,243
200	16,210	17,094	14,009	13,248	11,602	11,913	13,269	13,808	13,729	14,195	14,826	12,120	11,909	13,443	14,185
300	15,619	16,601	13,688	13,002	11,502	11,612	13,055	13,648	13,594	13,897	14,596	11,944	11,891	13,210	13,935
400	15,814	16,629	14,070	13,243	11,694	11,776	13,328	13,835	13,980	14,264	14,833	12,150	11,960	13,510	14,283
500	16,389	17,388	14,972	13,918	12,129	11,828	13,952	14,659	14,725	14,809	15,451	12,524	12,100	14,435	15,162
600	18,373	18,791	16,043	15,502	12,779	12,102	15,599	16,139	16,226	16,098	16,534	13,033	12,319	15,998	16,639
700	19,763	20,013	17,325	16,469	13,556	12,674	16,936	17,531	17,618	17,426	17,867	13,913	12,996	17,237	18,228
800	20,589	20,805	17,736	16,654	14,080	13,125	17,278	17,810	17,577	17,608	17,887	14,462	13,200	17,116	18,401
900	21,374	21,203	18,236	16,999	14,716	13,659	17,897	17,776	17,766	17,965	18,700	14,974	13,995	17,432	18,570
1000	22,929	21,783	18,795	17,184	14,695	13,878	18,290	17,880	18,098	18,459	19,064	14,961	14,042	17,571	18,655
1100	23,903	22,423	19,149	17,090	14,644	14,184	18,400	18,110	18,263	18,561	18,983	14,819	14,177	17,466	18,233
1200	25,280	23,002	19,595	17,041	14,537	14,388	18,567	18,479	18,248	18,993	18,979	14,702	14,176	17,639	18,260
1300	26,297	21,750	19,714	16,966	14,518	14,477	18,405	18,399	18,186	19,079	18,940	14,384	14,028	17,645	17,869
1400	26,774	20,094	19,564	16,803	14,134	14,315	18,100	18,027	18,160	18,928	18,750	14,067	13,607	17,387	17,712
1500	25,882	22,027	19,203	16,456	14,052	14,288	17,931	17,908	18,112	18,879	18,176	13,552	13,565	17,106	17,359
1600	26,215	21,653	18,500	16,056	14,086	14,427	17,742	17,683	17,883	18,665	17,627	13,632	13,887	17,054	17,220
1700	25,499	20,943	17,949	15,548	14,034	14,486	17,589	17,346	17,649	18,186	17,151	13,716	14,174	16,825	16,986
1800	25,928	23,231	17,345	15,362	14,052	14,699	17,556	17,221	17,303	18,133	16,867	13,658	14,481	16,840	17,075
1900	24,862	19,577	17,434	15,529	14,385	14,871	17,836	17,567	17,568	18,467	17,179	14,457	15,073	17,451	17,550
2000	24,187	19,105	17,676	15,721	14,432	14,797	17,749	17,505	17,578	18,298	17,185	14,586	15,108	17,326	17,407
2100	22,716	17,951	16,564	15,307	14,112	14,325	16,903	16,645	16,753	17,379	16,151	14,346	14,449	16,573	16,627
2200	20,775	16,551	15,356	14,460	13,635	13,587	15,473	15,534	15,436	16,269	15,122	13,677	13,816	15,559	15,427
2300	19,531	15,672	14,661	13,208	13,152	13,417	14,814	14,872	14,911	15,759	13,550	13,110	14,006	15,277	14,995
2400	18,340	14,800	14,056	12,246	12,575	13,269	14,262	14,290	14,680	15,442	12,619	12,618	13,658	14,689	14,527
Total	519,814	466,562	405,956	367,460	324,925	324,212	394,125	396,481	397,821	409,882	401,733	327,714	324,844	388,247	399,548

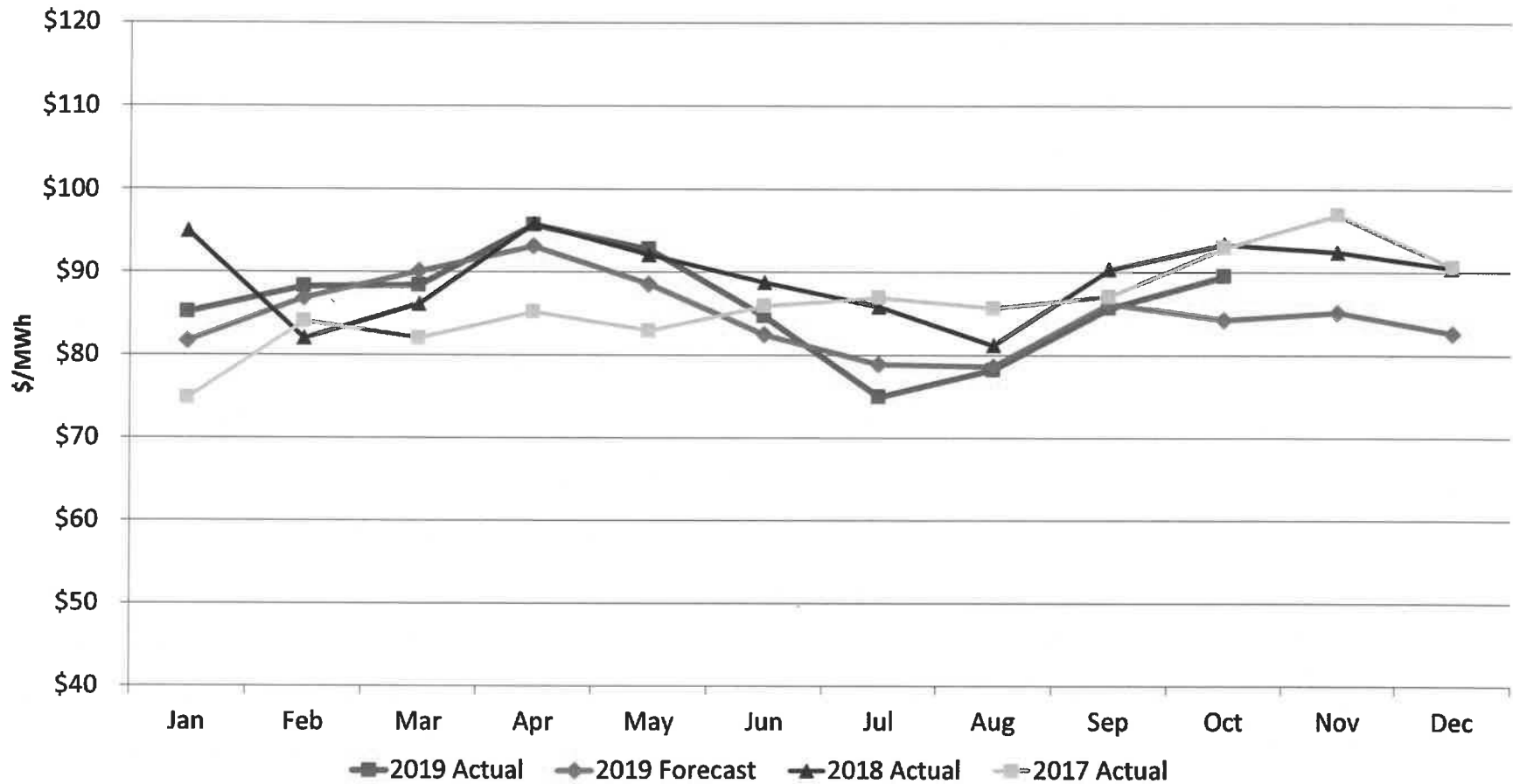
Date	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday
Hour	10/16/2019	10/17/2019	10/18/2019	10/19/2019	10/20/2019	10/21/2019	10/22/2019	10/23/2019	10/24/2019	10/25/2019	10/26/2019	10/27/2019	10/28/2019	10/29/2019	10/30/2019	10/31/2019
100	13,627	14,562	14,513	12,488	11,474	12,312	13,448	13,967	14,221	14,660	12,373	12,331	13,761	14,573	15,367	15,541
200	13,783	14,531	14,539	12,542	11,210	12,259	13,301	13,957	14,047	14,495	12,346	11,935	13,772	14,347	15,379	15,490
300	13,622	14,288	14,290	12,327	11,136	12,312	13,099	14,095	14,134	14,384	12,365	11,743	13,822	14,266	15,219	15,331
400	13,698	14,608	14,667	12,462	11,196	12,703	13,515	14,249	14,480	14,701	12,407	11,927	14,154	14,769	15,432	15,607
500	14,437	15,665	15,745	12,840	11,271	13,569	14,469	15,409	15,256	15,411	12,847	12,107	15,398	15,619	16,258	16,193
600	16,052	17,136	17,312	13,282	11,652	15,421	15,736	16,770	16,546	16,903	13,501	12,613	16,927	16,853	17,760	17,217
700	17,628	18,350	18,732	14,279	12,584	17,262	17,159	18,305	17,748	18,416	14,640	13,525	18,472	18,557	19,297	18,626
800	18,050	18,539	18,714	14,692	12,923	17,363	17,409	18,353	17,958	18,575	15,391	14,089	18,603	18,513	19,957	19,438
900	18,256	18,725	18,797	15,014	13,249	17,454	17,906	18,643	18,353	17,361	15,926	14,359	18,813	18,693	20,011	19,687
1000	18,377	18,882	18,663	14,989	13,704	17,670	18,041	18,620	18,479	17,296	16,317	14,535	18,925	18,616	19,977	19,672
1100	18,483	18,923	18,342	14,711	13,828	17,863	18,157	18,347	18,232	17,419	16,325	14,904	18,848	18,921	19,754	19,849
1200	18,631	18,862	18,351	14,480	13,568	18,119	18,311	18,244	18,235	17,722	15,959	15,179	18,847	19,109	19,899	19,850
1300	18,534	18,647	17,904	14,172	13,692	18,123	18,374	17,893	18,157	17,911	15,639	14,878	18,637	18,886	19,600	19,774
1400	17,991	18,182	17,250	13,632	13,283	17,867	17,973	17,799	18,079	17,509	14,876	14,480	18,220	18,645	19,357	19,711
1500	18,042	17,638	16,831	13,345	13,395	17,420	22,028	17,657	17,708	17,016	14,820	13,986	17,898	18,281	19,322	19,224
1600	18,011	17,705	16,125	13,367	13,539	17,236	17,650	17,393	17,287	16,729	15,060	14,034	17,393	18,264	19,246	19,148
1700	17,766	17,425	15,702	13,323	13,873	16,992	17,432	17,112	17,015	16,149	15,004	14,130	17,266	18,187	19,333	19,175
1800	17,632	17,476	15,648	13,419	13,948	17,303	17,655	17,195	17,178	16,199	15,292	14,599	17,355	18,486	19,341	19,271
1900	18,118	18,227	16,141	13,914	14,888	17,418	17,937	17,740	17,713	16,577	15,412	15,348	17,858	18,625	19,179	19,277
2000	18,022	17,958	16,217	13,778	14,643	17,338	17,461	17,458	17,959	16,590	15,151	15,228	17,681	18,201	18,775	19,326
2100	17,170	17,064	15,777	13,447	14,003	16,298	16,710	17,007	17,246	16,237	14,659	14,690	16,773	17,630	18,189	18,865
2200	15,951	16,250	15,239	12,848	13,404	15,278	15,624	15,941	16,065	15,038	14,040	14,279	15,711	16,489	17,273	17,639
2300	15,309	15,598	13,816	12,478	13,318	14,738	14,988	15,234	15,666	13,750	13,492	14,226	15,234	16,212	16,759	17,085
2400	14,702	15,147	13,071	11,819	12,701	14,141	14,526	14,765	15,155	12,898	12,885	13,970	14,911	15,713	16,297	16,599
Total	401,892	395,241	392,386	323,648	312,482	384,459	398,909	402,153	402,817	389,946	346,727 Maximum	333,095 26,774	405,279 Minimum	416,455	436,981 Grand Total	437,595 12,044,536

## Napoleon Peak Day Load Curve

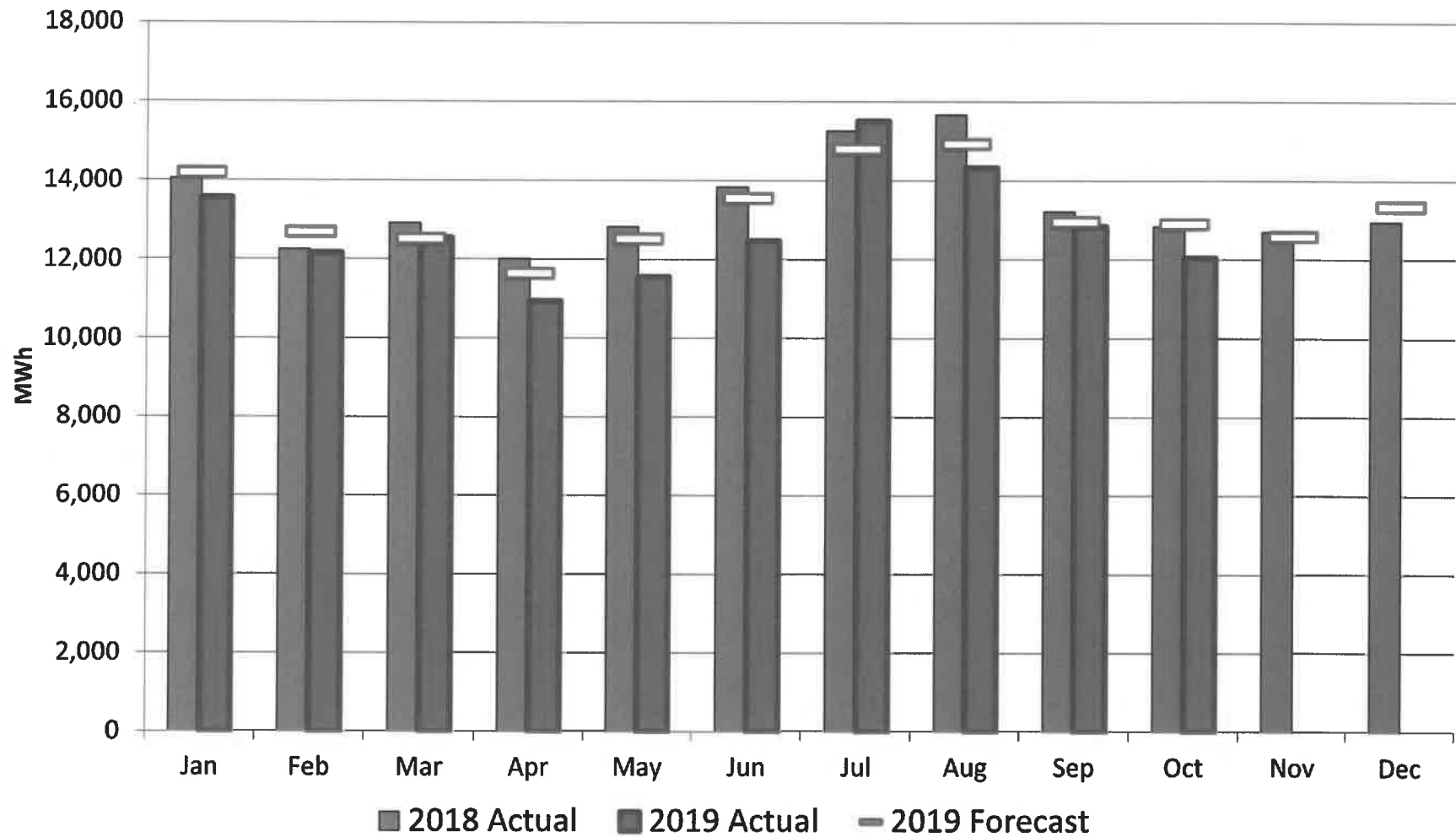




## Napoleon 2019 Monthly Rates



## Napoleon 2019 Monthly Energy Usage



**RATE REVIEW COMPARISONS - Current to Prior Month and Prior Year**

2019 DECEMBER BILLING - ELECTRIC PSCAF - BILLING COMPARISONS TO PRIOR PERIODS											
Rate Comparisons to Prior Month and Prior Year for Same Period											
	Service	Service	Current	Prior Month	Prior Year			Current	Prior Month	Prior Year	
	Usage	Units	December	November	December		Service	Service	December	November	
Customer Type	Usage	Units	2019 Rate	2019 Rate	2018 Rate		Usage	Units	2019 Rate	2019 Rate	
Customer Type ->	RESIDENTIAL USER - (w/Gas Heat)						RESIDENTIAL USER - (All Electric)				
Customer Charge			\$6.00	\$6.00	\$6.00				\$6.00	\$6.00	
Distribution Energy Charge			\$20.93	\$20.93	\$20.93				\$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	
Power Supply Demand Charge											
PSCAF - Monthly Factor	978	kWh	\$13.20	\$8.13	\$17.10		1,976	kWh	\$26.68	\$16.42	
kWH Tax- Level 1	978	kWh	\$4.55	\$4.55	\$4.55		1,976	kWh	\$9.19	\$9.19	
kWH Tax- Level 2											
kWH Tax- Level 3											
Total Electric			\$115.88	\$110.81	\$119.78		\$219.11			\$208.85	
Water	6	CCF	\$55.35	\$55.35	\$50.55		11	CCF	\$91.89	\$91.89	
Sewer (w/Stm.Sew. & Lat.)	6	CCF	\$74.13	\$74.13	\$70.89		11	CCF	\$104.83	\$104.83	
Storm Water (Rate/ERU)			\$9.50	\$9.50	\$9.50				\$9.50	\$9.50	
Refuse (Rate/Service)			\$18.00	\$18.00	\$18.00				\$18.00	\$18.00	
Sub-Other Services			\$156.98	\$156.98	\$148.94		\$224.22			\$224.22	
Total Billing - All Services			\$272.86	\$267.79	\$268.72		\$443.33			\$433.07	
Verification Totals->			\$272.86	\$267.79	\$268.72		\$443.33			\$433.07	
				Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr					Cr.Mo to Pr.Mo	
Dollar Chg.to Prior Periods				\$5.07	\$4.14					\$10.26	
% Inc/Dec(-) to Prior Periods				1.89%	1.54%					2.37%	
=====											
Cost/kWH - Electric	978	kWh	\$0.11849	\$0.11330	\$0.12247		1,976	kWh	\$0.11089	\$0.10569	
% Inc/Dec(-) to Prior Periods				4.58%	-3.25%					4.92%	
Cost/CCF - Water	6	CCF	\$9.22500	\$9.22500	\$8.42500		11	CCF	\$8.35364	\$8.35364	
Cost/GALLONS - Water	4,488	GAL	\$0.01233	\$0.01233	\$0.01126		8,229	GAL	\$0.01117	\$0.01117	
% Inc/Dec(-) to Prior Periods				0.00%	9.50%					0.00%	
Cost/CCF - Sewer	6	CCF	\$12.35500	\$12.35500	\$11.81500		11	CCF	\$9.53000	\$9.53000	
Cost/GALLON - Sewer	4,488	GAL	\$0.01652	\$0.01652	\$0.01580		8,229	GAL	\$0.01274	\$0.01274	
% Inc/Dec(-) to Prior Periods				0.00%	4.57%					0.00%	
(Listed Accounts Assume SAME USAGE for kWh and Water (CCF) for All Billing Periods)											
(One "1" Unit CCF of Water = "Hundred Cubic Foot" = 748.05 Gallons)											

**RATE REVIEW COMPARISONS - Current to Prior Month and Prior Year**

2019 DECEMBER BILLING - E											
Rate Comparisons to Prior Month a											
			Current	Prior Month	Prior Year			Current	Prior Month	Prior Year	
	Service	Service	December	November	December		Service	Service	December	November	
Customer Type	Usage	Units	2019 Rate	2019 Rate	2018 Rate		Usage	Units	2019 Rate	2019 Rate	
Customer Type ->			COMMERCIAL USER - (3 Phase w/Demand)			INDUSTRIAL USER - (3 Phase w/Demand)					
Customer Charge			\$18.00	\$18.00	\$18.00				\$100.00	\$100.00	
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	\$95.04	\$58.50	\$123.06			\$11,107.84	\$6,837.49	\$14,382.60	
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			\$897.42	\$860.88	\$925.44				\$79,342.57	\$75,072.22	\$82,617.33
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			\$1,294.28	\$1,257.74	\$1,288.15				\$83,710.87	\$79,440.52	\$86,605.73
Verification Totals->			\$1,294.28	\$1,257.74	\$1,288.15				\$83,710.87	\$79,440.52	\$86,605.73
				Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr					Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr
Dollar Chg.to Prior Periods				\$36.54	\$6.13					\$4,270.35	-\$2,894.86
% Inc/Dec(-) to Prior Periods				2.91%	0.48%					5.38%	-3.34%
=====											
Cost/kWH - Electric	7,040	kWh	\$0.12747	\$0.12228	\$0.13145	866,108	kWh	\$0.09161	\$0.08668	\$0.09539	
% Inc/Dec(-) to Prior Periods				4.24%	-3.03%					5.69%	-3.96%
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 - DECEMBER, 2019**

OCTOBER, 2019

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

Class and/or Schedule	Rate Code	Nov-19		Nov-19 Billed	Billed kVA of Demand	Cost / kWh		Dec-18 # of Bills	Dec-18 (kWh Usage)	Dec-18 Billed	Cost / kWh For Month	Jan-19		Jan-19 Billed	Cost / kWh
		# of Bills	(kWh Usage)			# of Bills	(kWh Usage)								
Residential (Dom-In)	E1	3,346	2,107,090	\$245,966.62	0	\$0.1167	\$0.1247	3,338	1,889,216	\$239,798.19	\$0.1269	3,329	2,091,530	\$272,665.07	\$0.1304
Residential (Dom-In) w/Ecosmart	E1E	6	3,114	\$369.72	0	\$0.1187	\$0.1278	8	3,498	\$454.89	\$0.1300	8	3,404	\$459.27	\$0.1349
Residential (Dom-In - All Electric)	E2	628	355,532	\$41,867.14	0	\$0.1178	\$0.1236	607	462,715	\$57,459.73	\$0.1242	608	614,990	\$77,936.27	\$0.1267
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	544	\$64.29	0	\$0.1182	\$0.1262	1	488	\$62.77	\$0.1286	1	585	\$76.68	\$0.1311
Total Residential (Domestic)		3,981	2,466,280	\$288,267.77	0	\$0.1169	\$0.1245	3,954	2,355,917	\$297,775.58	\$0.1264	3,946	2,710,509	\$351,137.29	\$0.1295
Residential (Rural-Out)	ER1	793	665,163	\$82,340.16	0	\$0.1238	\$0.1308	777	708,091	\$93,471.61	\$0.1320	774	786,974	\$106,504.33	\$0.1353
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,437	\$312.61	0	\$0.1283	\$0.1340	4	2,889	\$389.65	\$0.1349	4	3,143	\$434.51	\$0.1382
Residential (Rural-Out - All Electric)	ER2	369	340,605	\$41,792.81	0	\$0.1227	\$0.1294	372	423,283	\$54,944.35	\$0.1298	371	481,455	\$64,120.63	\$0.1332
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2	1,589	\$197.74	0	\$0.1244	\$0.1302	2	2,084	\$272.23	\$0.1306	2	2,654	\$353.13	\$0.1331
Residential (Rural-Out w/Dmd)	ER3	15	11,385	\$1,422.85	97	\$0.1250	\$0.1263	16	74,328	\$9,129.46	\$0.1228	16	157,138	\$19,780.75	\$0.1259
Residential (Rural-Out - All Electric w/Dm	ER4	9	7,443	\$922.40	36	\$0.1239	\$0.1289	9	26,753	\$3,321.60	\$0.1242	9	21,723	\$2,811.78	\$0.1294
Total Residential (Rural)		1,192	1,028,622	\$126,988.57	133	\$0.1235	\$0.1302	1,180	1,237,428	\$161,528.90	\$0.1305	1,176	1,453,087	\$194,005.13	\$0.1335
Commercial (1 Ph-In - No Dmd)	EC2	75	26,125	\$4,169.05	0	\$0.1596	\$0.1616	72	31,350	\$5,072.66	\$0.1618	72	33,835	\$5,516.43	\$0.1630
Commercial (1 Ph-Out - No Dmd)	EC2O	50	9,208	\$1,751.53	0	\$0.1902	\$0.1882	48	11,512	\$2,120.54	\$0.1842	50	14,955	\$2,644.10	\$0.1768
Total Commercial (1 Ph) No Dmd		125	35,333	\$5,920.58	0	\$0.1676	\$0.1685	120	42,862	\$7,193.20	\$0.1678	122	48,790	\$8,160.53	\$0.1673
Commercial (1 Ph-In - w/Demand)	EC1	259	314,297	\$45,469.05	1924	\$0.1447	\$0.1516	261	301,216	\$47,256.04	\$0.1569	258	287,417	\$45,278.62	\$0.1575
Commercial (1 Ph-Out - w/Demand)	EC1O	25	39,651	\$5,351.54	180	\$0.1350	\$0.1413	26	42,048	\$5,891.05	\$0.1401	24	43,614	\$6,291.91	\$0.1443
Total Commercial (1 Ph) w/Demand		284	353,948	\$50,820.59	2,104	\$0.1436	\$0.1503	287	343,264	\$53,147.09	\$0.1548	282	331,031	\$51,570.53	\$0.1558
Commercial (3 Ph-Out - No Dmd)	EC4O	2	160	\$55.99	8	\$0.3499	\$0.1487	2	3,360	\$486.07	\$0.1447	2	18,800	\$2,635.31	\$0.1402
Total Commercial (3 Ph) No Dmd		2	160	\$55.99	8	\$0.3499	\$0.1487	2	3,360	\$486.07	\$0.1447	2	18,800	\$2,635.31	\$0.1402
Commercial (3 Ph-In - w/Demand)	EC3	214	2,026,057	\$250,461.66	7241	\$0.1236	\$0.1334	207	1,489,381	\$201,812.93	\$0.1355	214	1,695,547	\$262,209.45	\$0.1546
Commercial (3 Ph-Out - w/Demand)	EC3O	37	311,185	\$39,378.01	1330	\$0.1265	\$0.1344	37	478,436	\$61,911.19	\$0.1294	37	419,781	\$56,966.14	\$0.1357
Commercial (3 Ph-Out - w/Dmd.&Sub-St.	E3SO	3	107,040	\$12,418.98	397	\$0.1160	\$0.1246	3	93,080	\$11,597.88	\$0.1246	3	95,160	\$12,496.97	\$0.1313
Commercial (3 Ph-In - w/Demand, No Tax)	EC3T	1	5,800	\$714.10	23	\$0.1231	\$0.1305	1	4,040	\$577.48	\$0.1429	1	1,680	\$235.69	\$0.1403
Total Commercial (3 Ph) w/Demand		255	2,450,082	\$302,972.75	8,991	\$0.1237	\$0.1331	248	2,064,937	\$275,899.48	\$0.1336	255	2,212,168	\$331,908.25	\$0.1500
Large Power (In - w/Dmd & Rct)	EL1	15	2,018,915	\$196,488.29	4300	\$0.0973	\$0.1064	20	2,018,869	\$221,370.58	\$0.1097	15	1,597,489	\$180,631.84	\$0.1131
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,069,099	\$98,928.35	2144	\$0.0925	\$0.1024	3	1,116,708	\$108,755.82	\$0.0974	3	1,025,490	\$110,924.41	\$0.1082
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	290,400	\$33,017.98	860	\$0.1137	\$0.1116	1	514,800	\$54,289.13	\$0.1055	1	469,200	\$52,762.88	\$0.1125
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	80,550	\$13,127.04	472	\$0.1630	\$0.1612	2	67,570	\$9,376.88	\$0.1388	2	58,800	\$6,223.37	\$0.1058
Total Large Power		21	3,458,964	\$341,561.66	7,776	\$0.0987	\$0.1071	26	3,717,947	\$393,792.41	\$0.1059	21	3,150,979	\$350,542.50	\$0.1112
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	880,467	\$77,265.04	1653	\$0.0878	\$0.0973	1	1,028,639	\$99,197.67	\$0.0964	1	979,077	\$99,325.81	\$0.1014
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	815,531	\$74,982.37	1684	\$0.0919	\$0.1011	1	860,021	\$83,657.45	\$0.0973	1	759,385	\$79,525.88	\$0.1047
Total Industrial		2	1,695,998	\$152,247.41	3,337	\$0.0898	\$0.0990	2	1,888,660	\$182,855.12	\$0.0968	2	1,738,462	\$178,851.69	\$0.1029
Interdepartmental (In - No Dmd)	ED1	10	22,917	\$3,073.64	122	\$0.1341	\$0.1322	9	30,855	\$4,238.59	\$0.1374	9	30,783	\$4,036.88	\$0.1311
Interdepartmental (Out - w/Dmd)	ED2O	2	540	\$91.63	0	\$0.1697	\$0.1922	2	263	\$59.43	\$0.2260	2	251	\$58.94	\$0.2348
Interdepartmental (In - w/Dmd)	ED2	27	22,433	\$3,130.49	0	\$0.1395	\$0.1426	27	50,475	\$7,088.03	\$0.1404	29	66,602	\$9,567.47	\$0.1437
Interdepartmental (3Ph-In - w/Dmd)	ED3	10	147,910	\$18,169.78	574	\$0.1228	\$0.1295	10	144,770	\$18,717.77	\$0.1293	10	147,035	\$19,433.31	\$0.1322
Interdepartmental (Street Lights)	EDSL	6	32,771	\$3,138.42	0	\$0.0958	\$0.0963	5	14,659	\$1,417.65	\$0.0967	5	14,608	\$1,408.20	\$0.0964
Interdepartmental (Traffic Signals)	EDTS	8	1,345	\$124.40	0	\$0.0925	\$0.0925	8	1,746	\$161.41	\$0.0924	8	1,606	\$148.50	\$0.0925
Generators (JV2 Power Cost Only)	GJV2	1	17,934	\$311.69	39	\$0.0174	\$0.0000	1	18,406	\$642.92	\$0.0349	1	19,321	\$700.19	\$0.0362
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	245,850	\$28,040.85	735	\$0.1141	\$0.1226	62	261,174	\$32,325.80	\$0.1238	64	280,206	\$35,353.59	\$0.1262
SUB-TOTAL CONSUMPTION & DEMAND		5,926	11,735,237	\$1,296,875.37	23,084	\$0.1105	\$0.1193	5,881	11,915,549	\$1,405,003.65	\$0.1179	5,870	11,944,032	\$1,504,164.82	\$0.1259
		=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Street Lights (In)	SLO	14	0	\$13.43	0	\$0.0000	\$0.0000	14	0	\$13.44	\$0.0000	14	0	\$13.43	\$0.0000
Street Lights (Out)	SLOO	2	0	\$1.91	0	\$0.0000	\$0.0000	2	0	\$1.91	\$0.0000	2	0	\$1.91	\$0.0000
Total Street Light Only		16	0	\$15.34	0	\$0.0000	\$0.0000	16	0	\$15.35	\$0.0000	16	0	\$15.34	\$0.0000
TOTAL CONSUMPTION & DEMAND		5,942	11,735,237	\$1,296,890.71	23,084	\$0.1105	\$0.1193	5,897	11,915,549	\$1,405,019.00	\$0.1179	5,886	11,944,032	\$1,504,180.16	\$0.1259
		=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====

**BILLING SUMMARY AND COMPARISON**

OCTOBER, 2019

2019 - DECEMBER BILLING WITH OCTOBER 2019

Class and/or Schedule	Rate Code	# of Bills	Feb-19 (kWh Usage)	Feb-19 Billed	Cost / kWh For Month	# 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
Residential (Dom-In)	E1	3,340	2,274,677	\$294,991.21	\$0.1297	3,333	2,465,436	\$310,648.89	\$0.1260	3,342	2,035,692	\$257,277.91	\$0.1264	3,344	1,923,171	\$242,954.41	\$0.1263
Residential (Dom-In) w/Ecosmart	E1E	8	3,681	\$492.96	\$0.1339	8	3,762	\$491.53	\$0.1307	8	3,079	\$406.83	\$0.1321	8	3,052	\$401.71	\$0.1316
Residential (Dom-In - All Electric)	E2	610	676,299	\$85,395.38	\$0.1263	610	833,025	\$101,831.08	\$0.1222	620	672,647	\$82,084.80	\$0.1220	621	557,529	\$68,338.87	\$0.1226
Res. (Dom-In - All Elec.) w/Ecosmart	E2E	1	480	\$64.01	\$0.1334	1	526	\$68.02	\$0.1293	1	508	\$65.20	\$0.1283	1	457	\$58.97	\$0.1290
<b>Total Residential (Domestic)</b>		<b>3,959</b>	<b>2,955,137</b>	<b>\$380,943.56</b>	<b>\$0.1289</b>	<b>3,952</b>	<b>3,302,749</b>	<b>\$413,039.52</b>	<b>\$0.1251</b>	<b>3,971</b>	<b>2,711,926</b>	<b>\$339,834.74</b>	<b>\$0.1253</b>	<b>3,974</b>	<b>2,484,209</b>	<b>\$311,753.96</b>	<b>\$0.1255</b>
Residential (Rural-Out)	ER1	777	887,650	\$119,215.41	\$0.1343	777	961,894	\$125,641.90	\$0.1306	776	794,190	\$104,015.97	\$0.1310	776	699,983	\$92,162.85	\$0.1317
Residential (Rural-Out) w/Ecosmart	ER1E	4	3,880	\$527.26	\$0.1359	4	3,702	\$493.87	\$0.1334	4	3,058	\$410.74	\$0.1343	4	2,544	\$346.81	\$0.1363
Residential (Rural-Out - All Electric)	ER2	371	534,467	\$70,803.11	\$0.1325	371	609,784	\$78,413.48	\$0.1286	370	498,088	\$64,053.38	\$0.1286	370	416,573	\$53,930.58	\$0.1295
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	2,987	\$395.11	\$0.1323	2	3,344	\$429.97	\$0.1286	2	2,955	\$378.26	\$0.1280	2	2,425	\$312.46	\$0.1288
Residential (Rural-Out w/Dmd)	ER3	15	81,165	\$10,304.66	\$0.1270	15	48,348	\$6,061.31	\$0.1254	15	25,173	\$3,197.46	\$0.1270	15	26,458	\$3,336.23	\$0.1261
Residential (Rural-Out - All Electric w/Dmd)	ER4	9	12,300	\$1,634.32	\$0.1329	9	11,570	\$1,508.08	\$0.1303	9	10,622	\$1,377.53	\$0.1297	9	9,409	\$1,224.75	\$0.1302
<b>Total Residential (Rural)</b>		<b>1,178</b>	<b>1,522,449</b>	<b>\$202,879.87</b>	<b>\$0.1333</b>	<b>1,178</b>	<b>1,638,642</b>	<b>\$212,548.61</b>	<b>\$0.1297</b>	<b>1,176</b>	<b>1,334,086</b>	<b>\$173,433.34</b>	<b>\$0.1300</b>	<b>1,176</b>	<b>1,157,392</b>	<b>\$151,313.68</b>	<b>\$0.1307</b>
Commercial (1 Ph-In - No Dmd)	EC2	72	34,992	\$5,719.92	\$0.1635	72	38,814	\$6,133.79	\$0.1580	72	31,999	\$5,166.30	\$0.1615	72	31,882	\$5,130.75	\$0.1609
Commercial (1 Ph-Out - No Dmd)	EC2O	50	11,714	\$2,225.35	\$0.1900	50	14,161	\$2,522.55	\$0.1781	50	11,118	\$2,094.53	\$0.1884	50	9,408	\$1,858.70	\$0.1976
<b>Total Commercial (1 Ph) No Dmd</b>		<b>122</b>	<b>46,706</b>	<b>\$7,945.27</b>	<b>\$0.1701</b>	<b>122</b>	<b>52,975</b>	<b>\$8,656.34</b>	<b>\$0.1634</b>	<b>122</b>	<b>43,117</b>	<b>\$7,260.83</b>	<b>\$0.1684</b>	<b>122</b>	<b>41,290</b>	<b>\$6,989.45</b>	<b>\$0.1693</b>
Commercial (1 Ph-In - w/Demand)	EC1	258	307,384	\$48,124.40	\$0.1566	258	330,566	\$49,985.17	\$0.1512	259	299,031	\$45,856.29	\$0.1533	260	309,521	\$46,731.05	\$0.1510
Commercial (1 Ph-Out - w/Demand)	EC1O	24	49,827	\$7,283.21	\$0.1462	24	46,986	\$6,633.96	\$0.1412	24	41,830	\$5,894.91	\$0.1409	24	43,432	\$6,099.39	\$0.1404
<b>Total Commercial (1 Ph) w/Demand</b>		<b>282</b>	<b>357,211</b>	<b>\$55,407.61</b>	<b>\$0.1551</b>	<b>282</b>	<b>377,552</b>	<b>\$56,619.13</b>	<b>\$0.1500</b>	<b>283</b>	<b>340,861</b>	<b>\$51,751.20</b>	<b>\$0.1518</b>	<b>284</b>	<b>352,953</b>	<b>\$52,830.44</b>	<b>\$0.1497</b>
Commercial (3 Ph-Out - No Dmd)	EC4O	2	15,080	\$2,121.23	\$0.1407	2	160	\$57.71	\$0.3607	2	600	\$116.60	\$0.1943	2	360	\$84.14	\$0.2337
<b>Total Commercial (3 Ph) No Dmd</b>		<b>2</b>	<b>15,080</b>	<b>\$2,121.23</b>	<b>\$0.1407</b>	<b>2</b>	<b>160</b>	<b>\$57.71</b>	<b>\$0.3607</b>	<b>2</b>	<b>600</b>	<b>\$116.60</b>	<b>\$0.1943</b>	<b>2</b>	<b>360</b>	<b>\$84.14</b>	<b>\$0.2337</b>
Commercial (3 Ph-In - w/Demand)	EC3	214	1,695,558	\$232,874.42	\$0.1373	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
Commercial (3 Ph-Out - w/Demand)	EC3O	37	346,175	\$47,574.03	\$0.1374	38	303,214	\$40,961.20	\$0.1351	37	288,847	\$38,828.23	\$0.1344	37	259,862	\$35,269.49	\$0.1357
Commercial (3 Ph-Out - w/Dmd.&Sub-St.)	E3SO	3	97,600	\$12,627.24	\$0.1294	3	114,920	\$14,544.21	\$0.1266	3	104,160	\$13,110.89	\$0.1259	3	96,960	\$12,199.22	\$0.1258
Commercial (3 Ph-In - w/Demand, No Tariff)	EC3T	1	1,960	\$267.70	\$0.1366	1	1,880	\$253.74	\$0.1350	1	1,880	\$250.82	\$0.1334	1	1,640	\$221.36	\$0.1350
<b>Total Commercial (3 Ph) w/Demand</b>		<b>255</b>	<b>2,141,293</b>	<b>\$293,343.39</b>	<b>\$0.1370</b>	<b>257</b>	<b>2,264,013</b>	<b>\$301,902.55</b>	<b>\$0.1333</b>	<b>255</b>	<b>2,235,195</b>	<b>\$295,480.31</b>	<b>\$0.1322</b>	<b>256</b>	<b>2,038,938</b>	<b>\$270,698.73</b>	<b>\$0.1328</b>
Large Power (In - w/Dmd & Rct)	EL1	15	1,478,807	\$170,170.64	\$0.1151	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
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	963,774	\$103,700.34	\$0.1076	3	922,545	\$96,209.85	\$0.1043	3	890,900	\$92,963.95	\$0.1043	3	974,049	\$99,096.19	\$0.1017
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	382,800	\$46,480.47	\$0.1214	1	488,400	\$52,538.17	\$0.1076	1	444,000	\$49,582.76	\$0.1117	1	448,800	\$50,347.54	\$0.1122
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	61,200	\$6,516.36	\$0.1065	2	67,200	\$6,824.48	\$0.1016	2	61,200	\$6,282.65	\$0.1027	2	55,210	\$5,835.99	\$0.1057
<b>Total Large Power</b>		<b>21</b>	<b>2,886,581</b>	<b>\$326,867.81</b>	<b>\$0.1132</b>	<b>21</b>	<b>3,107,393</b>	<b>\$331,787.03</b>	<b>\$0.1068</b>	<b>21</b>	<b>2,915,256</b>	<b>\$315,356.41</b>	<b>\$0.1082</b>	<b>21</b>	<b>3,141,044</b>	<b>\$332,323.97</b>	<b>\$0.1058</b>
Industrial (In - w/Dmd & Rct, w/SbCr)	E1I	1	756,625	\$80,906.51	\$0.1069	1	953,746	\$93,976.56	\$0.0985	1	793,516	\$80,520.83	\$0.1015	1	853,543	\$80,449.78	\$0.0943
Industrial (In - w/Dmd & Rct, No/SbCr)	E1I2	1	709,545	\$75,871.03	\$0.1069	1	679,242	\$70,650.12	\$0.1040	1	592,800	\$64,867.63	\$0.1094	1	786,160	\$76,598.10	\$0.0974
<b>Total Industrial</b>		<b>2</b>	<b>1,466,170</b>	<b>\$156,777.54</b>	<b>\$0.1069</b>	<b>2</b>	<b>1,632,988</b>	<b>\$164,626.68</b>	<b>\$0.1008</b>	<b>2</b>	<b>1,386,316</b>	<b>\$145,388.46</b>	<b>\$0.1049</b>	<b>2</b>	<b>1,639,703</b>	<b>\$157,047.88</b>	<b>\$0.0958</b>
Interdepartmental (In - No Dmd)	ED1	10	36,732	\$4,838.55	\$0.1317	9	41,855	\$5,271.19	\$0.1259	9	33,828	\$4,311.86	\$0.1275	10	28,938	\$3,730.91	\$0.1289
Interdepartmental (Out - w/Dmd)	ED2O	2	289	\$64.23	\$0.2222	2	246	\$57.53	\$0.2339	2	234	\$55.59	\$0.2376	2	357	\$71.87	\$0.2013
Interdepartmental (In - w/Dmd)	ED2	29	75,208	\$10,762.28	\$0.1431	27	82,014	\$11,431.90	\$0.1394	27	65,129	\$9,060.76	\$0.1391	27	42,935	\$6,062.18	\$0.1412
Interdepartmental (3Ph-In - w/Dmd)	ED3	10	152,446	\$20,037.67	\$0.1314	10	205,686	\$26,332.92	\$0.1280	10	188,404	\$23,936.79	\$0.1271	10	175,037	\$22,596.36	\$0.1291
Interdepartmental (Street Lights)	EDSL	5	18,020	\$1,729.62	\$0.0960	5	14,608	\$1,416.67	\$0.0970	5	14,608	\$1,413.75	\$0.0968	6	21,490	\$2,048.15	\$0.0953
Interdepartmental (Traffic Signals)	EDTS	8	1,749	\$161.72	\$0.0925	8	1,474	\$136.29	\$0.0925	8	1,267	\$117.15	\$0.0925	8	1,266	\$117.05	\$0.0925
Generators (JV2 Power Cost Only)	GJV2	1	19,808	\$584.93	\$0.0295	1	21,704	\$603.15	\$0.0278	1	18,459	\$450.95	\$0.0244	1	18,241	\$514.58	\$0.0282
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
<b>Total Interdepartmental</b>		<b>65</b>	<b>304,252</b>	<b>\$38,179.00</b>	<b>\$0.1255</b>	<b>62</b>	<b>367,587</b>	<b>\$45,249.65</b>	<b>\$0.1231</b>	<b>62</b>	<b>321,929</b>	<b>\$39,346.85</b>	<b>\$0.1222</b>	<b>64</b>	<b>288,264</b>	<b>\$35,141.10</b>	<b>\$0.1219</b>
<b>SUB-TOTAL CONSUMPTION &amp; DEMAND</b>		<b>5,886</b>	<b>11,694,879</b>	<b>\$1,464,465.28</b>	<b>\$0.1252</b>	<b>5,878</b>	<b>12,744,059</b>	<b>\$1,534,487.22</b>	<b>\$0.1204</b>	<b>5,894</b>	<b>11,289,286</b>	<b>\$1,367,968.74</b>	<b>\$0.1212</b>	<b>5,901</b>	<b>11,144,153</b>	<b>\$1,318,183.35</b>	<b>\$0.1183</b>
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
<b>Total Street Light Only</b>		<b>16</b>	<b>0</b>	<b>\$15.36</b>	<b>\$0.0000</b>	<b>16</b>	<b>0</b>	<b>\$15.35</b>	<b>\$0.0000</b>	<b>16</b>	<b>0</b>	<b>\$15.36</b>	<b>\$0.0000</b>	<b>16</b>	<b>0</b>	<b>\$15.36</b>	<b>\$0.0000</b>
<b>TOTAL CONSUMPTION &amp; DEMAND</b>		<b>5,902</b>	<b>11,694,879</b>	<b>\$1,464,480.64</b>	<b>\$0.1252</b>	<b>5,894</b>	<b>12,744,059</b>	<b>\$1,534,502.57</b>	<b>\$0.1204</b>	<b>5,910</b>	<b>11,289,286</b>	<b>\$1,367,984.10</b>	<b>\$0.1212</b>	<b>5,917</b>	<b>11,144,153</b>	<b>\$1,318,198.71</b>	<b>\$0.1183</b>

<b>BILLING SUMMARY AND COST</b>																	
<b>OCTOBER, 2019</b>																	
<b>2019 - DECEMBER BILLING WITH OCTOBER 201</b>																	
Class and/or Schedule	Rate Code	# of Bills	Jun-19 (kWh Usage)	Jun-19 Billed	Cost / kWh For Month	# 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
Residential (Dom-In)	E1	3,339	1,637,164	\$215,464.91	\$0.1316	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
Residential (Dom-In) w/Ecosmart	E1E	8	2,976	\$403.19	\$0.1355	7	3,714	\$490.94	\$0.1322	7	5,114	\$652.39	\$0.1276	7	5,542	\$659.37	\$0.1190
Residential (Dom-In - All Electric)	E2	629	394,726	\$50,889.72	\$0.1289	628	344,748	\$45,441.85	\$0.1318	632	440,183	\$56,326.12	\$0.1280	630	510,776	\$60,676.95	\$0.1188
Res. (Dom-In - All Elec.) w/Ecosmart	E2E	1	458	\$60.66	\$0.1324	1	558	\$73.44	\$0.1316	1	834	\$105.55	\$0.1266	1	859	\$101.69	\$0.1184
<b>Total Residential (Domestic)</b>		<b>3,977</b>	<b>2,035,324</b>	<b>\$266,808.48</b>	<b>\$0.1311</b>	<b>3,980</b>	<b>2,216,923</b>	<b>\$291,873.47</b>	<b>\$0.1317</b>	<b>3,986</b>	<b>3,178,811</b>	<b>\$403,306.23</b>	<b>\$0.1269</b>	<b>3,997</b>	<b>3,867,711</b>	<b>\$454,863.79</b>	<b>\$0.1176</b>
Residential (Rural-Out)	ER1	778	617,058	\$84,339.73	\$0.1367	786	641,759	\$88,459.44	\$0.1378	786	867,108	\$115,416.57	\$0.1331	783	957,566	\$118,989.72	\$0.1243
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,319	\$327.68	\$0.1413	4	2,694	\$365.77	\$0.1410	4	3,894	\$523.03	\$0.1343	4	3,819	\$483.39	\$0.1266
Residential (Rural-Out - All Electric)	ER2	370	347,201	\$46,775.22	\$0.1347	367	325,561	\$44,556.81	\$0.1369	367	424,736	\$56,355.32	\$0.1327	367	472,761	\$58,550.99	\$0.1238
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	1,967	\$264.01	\$0.1342	2	1,372	\$192.30	\$0.1402	2	1,219	\$171.23	\$0.1405	2	2,134	\$267.77	\$0.1255
Residential (Rural-Out w/Dmd)	ER3	15	23,350	\$3,042.66	\$0.1303	15	15,858	\$2,139.28	\$0.1349	15	19,604	\$2,578.69	\$0.1315	15	14,462	\$1,828.22	\$0.1264
Residential (Rural-Out - All Electric w/Dm)	ER4	9	7,985	\$1,080.63	\$0.1353	9	7,763	\$1,064.90	\$0.1372	9	8,355	\$1,126.27	\$0.1348	9	9,737	\$1,220.01	\$0.1253
<b>Total Residential (Rural)</b>		<b>1,178</b>	<b>998,880</b>	<b>\$135,829.93</b>	<b>\$0.1358</b>	<b>1,183</b>	<b>994,907</b>	<b>\$136,778.50</b>	<b>\$0.1375</b>	<b>1,183</b>	<b>1,324,916</b>	<b>\$176,171.11</b>	<b>\$0.1330</b>	<b>1,180</b>	<b>1,460,479</b>	<b>\$181,340.10</b>	<b>\$0.1242</b>
Commercial (1 Ph-In - No Dmd)	EC2	72	31,708	\$5,216.75	\$0.1645	72	33,471	\$5,496.30	\$0.1642	73	28,115	\$4,736.29	\$0.1685	73	30,579	\$4,830.90	\$0.1580
Commercial (1 Ph-Out - No Dmd)	EC2O	50	8,791	\$1,806.71	\$0.2055	50	8,924	\$1,838.47	\$0.2060	50	8,740	\$1,799.65	\$0.2059	50	13,407	\$2,332.17	\$0.1740
<b>Total Commercial (1 Ph) No Dmd</b>		<b>122</b>	<b>40,499</b>	<b>\$7,023.46</b>	<b>\$0.1734</b>	<b>122</b>	<b>42,395</b>	<b>\$7,334.77</b>	<b>\$0.1730</b>	<b>123</b>	<b>36,855</b>	<b>\$6,535.94</b>	<b>\$0.1773</b>	<b>123</b>	<b>43,986</b>	<b>\$7,163.07</b>	<b>\$0.1628</b>
Commercial (1 Ph-In - w/Demand)	EC1	260	267,791	\$42,762.13	\$0.1597	259	279,300	\$44,966.50	\$0.1610	260	316,168	\$49,374.46	\$0.1562	259	434,957	\$61,778.60	\$0.1420
Commercial (1 Ph-Out - w/Demand)	EC1O	24	39,876	\$5,796.90	\$0.1454	24	38,602	\$5,730.99	\$0.1485	24	40,570	\$5,959.69	\$0.1469	24	50,125	\$6,798.92	\$0.1356
<b>Total Commercial (1 Ph) w/Demand</b>		<b>284</b>	<b>307,667</b>	<b>\$48,559.03</b>	<b>\$0.1578</b>	<b>283</b>	<b>317,902</b>	<b>\$50,697.49</b>	<b>\$0.1595</b>	<b>284</b>	<b>356,738</b>	<b>\$55,334.15</b>	<b>\$0.1551</b>	<b>283</b>	<b>485,082</b>	<b>\$68,577.52</b>	<b>\$0.1414</b>
Commercial (3 Ph-Out - No Dmd)	EC4O	2	80	\$46.97	\$0.5871	2	40	\$41.55	\$1.0388	2	80	\$46.97	\$0.5871	2	40	\$41.17	\$1.0293
<b>Total Commercial (3 Ph) No Dmd</b>		<b>2</b>	<b>80</b>	<b>\$46.97</b>	<b>\$0.5871</b>	<b>2</b>	<b>40</b>	<b>\$41.55</b>	<b>\$1.0388</b>	<b>2</b>	<b>80</b>	<b>\$46.97</b>	<b>\$0.5871</b>	<b>2</b>	<b>40</b>	<b>\$41.17</b>	<b>\$1.0293</b>
Commercial (3 Ph-In - w/Demand)	EC3	214	1,672,860	\$228,330.04	\$0.1365	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
Commercial (3 Ph-Out - w/Demand)	EC3O	37	235,437	\$33,446.06	\$0.1421	37	239,673	\$34,913.66	\$0.1457	37	274,728	\$38,593.50	\$0.1405	37	302,688	\$39,850.84	\$0.1317
Commercial (3 Ph-Out - w/Dmd.&Sub-St.)	E3SO	3	91,160	\$11,798.87	\$0.1294	3	101,960	\$13,281.90	\$0.1303	3	113,080	\$14,331.86	\$0.1267	3	119,120	\$14,130.30	\$0.1186
Commercial (3 Ph-In - w/Demand, No Tax)	EC3T	1	1,720	\$235.63	\$0.1370	1	1,400	\$199.68	\$0.1426	1	2,800	\$439.96	\$0.1571	1	7,360	\$907.68	\$0.1233
<b>Total Commercial (3 Ph) w/Demand</b>		<b>255</b>	<b>2,001,177</b>	<b>\$273,810.60</b>	<b>\$0.1368</b>	<b>256</b>	<b>2,053,106</b>	<b>\$284,688.34</b>	<b>\$0.1387</b>	<b>257</b>	<b>2,311,858</b>	<b>\$314,096.19</b>	<b>\$0.1359</b>	<b>255</b>	<b>2,605,815</b>	<b>\$330,844.41</b>	<b>\$0.1270</b>
Large Power (In - w/Dmd & Rct)	EL1	15	1,621,674	\$178,664.86	\$0.1102	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
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,002,197	\$104,581.35	\$0.1044	3	983,750	\$104,878.64	\$0.1066	3	1,027,678	\$108,238.53	\$0.1053	3	848,595	\$89,630.95	\$0.1056
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	452,400	\$52,253.99	\$0.1155	1	478,800	\$54,694.42	\$0.1142	1	427,200	\$50,434.47	\$0.1181	1	432,000	\$46,652.40	\$0.1080
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	60,593	\$21,241.23	\$0.3506	2	87,622	\$16,661.21	\$0.1901	2	79,464	\$15,662.73	\$0.1971	2	82,829	\$14,994.63	\$0.1810
<b>Total Large Power</b>		<b>21</b>	<b>3,136,864</b>	<b>\$356,741.43</b>	<b>\$0.1137</b>	<b>21</b>	<b>3,430,483</b>	<b>\$385,502.48</b>	<b>\$0.1124</b>	<b>21</b>	<b>3,544,821</b>	<b>\$395,642.43</b>	<b>\$0.1116</b>	<b>21</b>	<b>3,616,415</b>	<b>\$373,295.09</b>	<b>\$0.1032</b>
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	772,121	\$80,559.60	\$0.1043	1	895,662	\$91,373.85	\$0.1020	1	853,053	\$85,795.44	\$0.1006	1	949,284	\$85,931.28	\$0.0905
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	706,069	\$73,992.70	\$0.1048	1	776,994	\$81,131.34	\$0.1044	1	694,184	\$79,070.77	\$0.1139	1	813,670	\$78,886.15	\$0.0970
<b>Total Industrial</b>		<b>2</b>	<b>1,478,190</b>	<b>\$154,552.30</b>	<b>\$0.1046</b>	<b>2</b>	<b>1,672,656</b>	<b>\$172,505.19</b>	<b>\$0.1031</b>	<b>2</b>	<b>1,547,237</b>	<b>\$164,866.21</b>	<b>\$0.1066</b>	<b>2</b>	<b>1,762,954</b>	<b>\$164,817.43</b>	<b>\$0.0935</b>
Interdepartmental (In - No Dmd)	ED1	10	23,142	\$3,163.33	\$0.1367	10	36,343	\$5,023.47	\$0.1382	10	46,865	\$6,385.89	\$0.1363	10	46,090	\$5,885.60	\$0.1277
Interdepartmental (Out - w/Dmd)	ED2O	2	446	\$85.32	\$0.1913	2	459	\$87.80	\$0.1913	2	605	\$107.12	\$0.1771	2	629	\$105.41	\$0.1676
Interdepartmental (In - w/Dmd)	ED2	27	31,110	\$4,592.92	\$0.1476	27	20,581	\$3,182.19	\$0.1546	29	23,478	\$3,570.98	\$0.1521	27	23,322	\$3,340.49	\$0.1432
Interdepartmental (3Ph-In - w/Dmd)	ED3	10	158,726	\$21,126.86	\$0.1331	10	146,248	\$20,261.76	\$0.1385	10	149,378	\$19,861.26	\$0.1330	10	139,132	\$17,754.02	\$0.1276
Interdepartmental (Street Lights)	EDSL	6	21,490	\$2,074.95	\$0.0966	6	21,490	\$2,075.51	\$0.0966	6	21,490	\$2,073.47	\$0.0965	6	21,490	\$2,070.47	\$0.0963
Interdepartmental (Traffic Signals)	EDTS	8	1,386	\$128.17	\$0.0925	8	1,342	\$124.07	\$0.0925	8	1,281	\$118.45	\$0.0925	8	1,410	\$130.39	\$0.0925
Generators (JV2 Power Cost Only)	GJV2	1	17,475	\$444.56	\$0.0254	1	18,630	\$448.80	\$0.0241	1	15,267	\$341.06	\$0.0223	1	16,041	\$374.08	\$0.0233
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
<b>Total Interdepartmental</b>		<b>64</b>	<b>253,775</b>	<b>\$31,616.11</b>	<b>\$0.1246</b>	<b>64</b>	<b>245,093</b>	<b>\$31,203.60</b>	<b>\$0.1273</b>	<b>66</b>	<b>258,364</b>	<b>\$32,458.23</b>	<b>\$0.1256</b>	<b>64</b>	<b>248,114</b>	<b>\$29,660.46</b>	<b>\$0.1195</b>
<b>SUB-TOTAL CONSUMPTION &amp; DEMAND</b>		<b>5,905</b>	<b>10,253,456</b>	<b>\$1,274,988.31</b>	<b>\$0.1243</b>	<b>5,913</b>	<b>10,973,505</b>	<b>\$1,360,625.39</b>	<b>\$0.1240</b>	<b>5,924</b>	<b>12,559,680</b>	<b>\$1,548,457.46</b>	<b>\$0.1233</b>	<b>5,927</b>	<b>14,090,596</b>	<b>\$1,610,603.04</b>	<b>\$0.1143</b>
Street Lights (In)	SLO	14	0	\$13.44	\$0.0000	14	0	\$13.44	\$0.0000	14	0	\$13.43	\$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
<b>Total Street Light Only</b>		<b>16</b>	<b>0</b>	<b>\$15.36</b>	<b>\$0.0000</b>	<b>16</b>	<b>0</b>	<b>\$15.36</b>	<b>\$0.0000</b>	<b>16</b>	<b>0</b>	<b>\$15.35</b>	<b>\$0.0000</b>	<b>16</b>	<b>0</b>	<b>\$15.36</b>	<b>\$0.0000</b>
<b>TOTAL CONSUMPTION &amp; DEMAND</b>		<b>5,921</b>	<b>10,253,456</b>	<b>\$1,275,003.67</b>	<b>\$0.1243</b>	<b>5,929</b>	<b>10,973,505</b>	<b>\$1,360,640.75</b>	<b>\$0.1240</b>	<b>5,940</b>	<b>12,559,680</b>	<b>\$1,548,472.81</b>	<b>\$0.1233</b>	<b>5,943</b>	<b>14,090,596</b>	<b>\$1,610,618.40</b>	<b>\$0.1143</b>



<b>BILLING SUMMARY AND COA</b>														
<b>OCTOBER, 2019</b>														
<b>2019 - DECEMBER BILLING WITH OCTOBER 201</b>														
Class and/or Schedule	Rate Code	# of Bills	Oct-19 (kWh Usage)	Oct-19 Billed	Cost / kWh For Month	# of Bills	Nov-19 (kWh Usage)	Nov-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	3,342	2,627,375	\$300,713.94	\$0.1145	3,346	2,107,090	\$245,966.62	\$0.1167	27,002,468	\$3,365,986.34	\$0.1247	3,342	56.4769%
Residential (Dom-In) w/Ecosmart	E1E	6	4,129	\$476.93	\$0.1155	6	3,114	\$369.72	\$0.1187	45,065	\$5,759.73	\$0.1278	7	0.1253%
Residential (Dom-In - All Electric)	E2	626	418,793	\$48,478.09	\$0.1158	628	355,532	\$41,867.14	\$0.1178	6,281,963	\$776,726.00	\$0.1236	621	10.4907%
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	659	\$76.37	\$0.1159	1	544	\$64.29	\$0.1182	6,956	\$877.65	\$0.1262	1	0.0169%
<b>Total Residential (Domestic)</b>		<b>3,975</b>	<b>3,050,956</b>	<b>\$349,745.33</b>	<b>\$0.1146</b>	<b>3,981</b>	<b>2,466,280</b>	<b>\$288,267.77</b>	<b>\$0.1169</b>	<b>33,336,452</b>	<b>\$4,149,349.72</b>	<b>\$0.1245</b>	<b>3,971</b>	<b>67.1098%</b>
Residential (Rural-Out)	ER1	787	780,581	\$94,896.91	\$0.1216	793	665,163	\$82,340.16	\$0.1238	9,368,017	\$1,225,454.60	\$0.1308	781	13.1961%
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,819	\$354.28	\$0.1257	4	2,437	\$312.61	\$0.1283	37,098	\$4,969.60	\$0.1340	4	0.0676%
Residential (Rural-Out - All Electric)	ER2	367	388,564	\$46,991.85	\$0.1209	369	340,605	\$41,792.81	\$0.1227	5,263,078	\$681,288.53	\$0.1294	369	6.2417%
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2	1,794	\$220.01	\$0.1226	2	1,589	\$197.74	\$0.1244	26,524	\$3,454.22	\$0.1302	2	0.0338%
Residential (Rural-Out w/Dmd)	ER3	15	12,755	\$1,571.27	\$0.1232	15	11,385	\$1,422.85	\$0.1250	510,025	\$64,392.84	\$0.1263	15	0.2563%
Residential (Rural-Out - All Electric w/Dm	ER4	9	8,911	\$1,083.02	\$0.1215	9	7,443	\$922.40	\$0.1239	142,571	\$18,375.29	\$0.1289	9	0.1521%
<b>Total Residential (Rural)</b>		<b>1,184</b>	<b>1,195,425</b>	<b>\$145,117.34</b>	<b>\$0.1214</b>	<b>1,192</b>	<b>1,028,622</b>	<b>\$126,988.57</b>	<b>\$0.1235</b>	<b>15,347,313</b>	<b>\$1,997,935.08</b>	<b>\$0.1302</b>	<b>1,180</b>	<b>19.9476%</b>
Commercial (1 Ph-In - No Dmd)	EC2	74	28,344	\$4,423.71	\$0.1561	75	26,125	\$4,169.05	\$0.1596	381,214	\$61,612.85	\$0.1616	73	1.2267%
Commercial (1 Ph-Out - No Dmd)	EC2O	50	10,059	\$1,854.12	\$0.1843	50	9,208	\$1,751.53	\$0.1902	131,997	\$24,848.42	\$0.1882	50	0.8422%
<b>Total Commercial (1 Ph) No Dmd</b>		<b>124</b>	<b>38,403</b>	<b>\$6,277.83</b>	<b>\$0.1635</b>	<b>125</b>	<b>35,333</b>	<b>\$5,920.58</b>	<b>\$0.1676</b>	<b>513,211</b>	<b>\$86,461.27</b>	<b>\$0.1685</b>	<b>122</b>	<b>2.0688%</b>
Commercial (1 Ph-In - w/Demand)	EC1	258	377,106	\$52,169.22	\$0.1383	259	314,297	\$45,469.05	\$0.1447	3,824,754	\$579,751.53	\$0.1516	259	4.3785%
Commercial (1 Ph-Out - w/Demand)	EC1O	24	46,145	\$6,129.64	\$0.1328	25	39,651	\$5,351.54	\$0.1350	522,706	\$73,862.11	\$0.1413	24	0.4098%
<b>Total Commercial (1 Ph) w/Demand</b>		<b>282</b>	<b>423,251</b>	<b>\$58,298.86</b>	<b>\$0.1377</b>	<b>284</b>	<b>353,948</b>	<b>\$50,820.59</b>	<b>\$0.1436</b>	<b>4,347,460</b>	<b>\$653,613.64</b>	<b>\$0.1503</b>	<b>283</b>	<b>4.7883%</b>
Commercial (3 Ph-Out - No Dmd)	EC4O	2	240	\$65.91	\$0.2746	2	160	\$55.99	\$0.3499	39,000	\$5,799.62	\$0.1487	2	0.0338%
<b>Total Commercial (3 Ph) No Dmd</b>		<b>2</b>	<b>240</b>	<b>\$65.91</b>	<b>\$0.2746</b>	<b>2</b>	<b>160</b>	<b>\$55.99</b>	<b>\$0.3499</b>	<b>39,000</b>	<b>\$5,799.62</b>	<b>\$0.1487</b>	<b>2</b>	<b>0.0338%</b>
Commercial (3 Ph-In - w/Demand)	EC3	214	2,333,225	\$284,939.75	\$0.1221	214	2,026,057	\$250,461.66	\$0.1236	22,085,381	\$2,946,050.25	\$0.1334	214	3.6138%
Commercial (3 Ph-Out - w/Demand)	EC3O	37	298,438	\$37,614.65	\$0.1260	37	311,185	\$39,378.01	\$0.1265	3,758,464	\$505,307.00	\$0.1344	37	0.6267%
Commercial (3 Ph-Out - w/Dmd.&Sub-St.	E3SO	3	115,840	\$13,235.25	\$0.1143	3	107,040	\$12,418.98	\$0.1160	1,250,080	\$155,773.57	\$0.1246	3	0.0507%
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	8,160	\$955.95	\$0.1172	1	5,800	\$714.10	\$0.1231	40,320	\$5,259.78	\$0.1305	1	0.0169%
<b>Total Commercial (3 Ph) w/Demand</b>		<b>255</b>	<b>2,755,663</b>	<b>\$336,745.60</b>	<b>\$0.1222</b>	<b>255</b>	<b>2,450,082</b>	<b>\$302,972.75</b>	<b>\$0.1237</b>	<b>27,134,245</b>	<b>\$3,612,390.60</b>	<b>\$0.1331</b>	<b>255</b>	<b>4.3081%</b>
Large Power (In - w/Dmd & Rct)	EL1	15	2,215,279	\$211,874.83	\$0.0956	15	2,018,915	\$196,488.29	\$0.0973	21,906,303	\$2,331,578.89	\$0.1064	15	0.2605%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,062,552	\$99,051.98	\$0.0932	3	1,069,099	\$98,928.35	\$0.0925	11,887,237	\$1,216,960.36	\$0.1024	3	0.0507%
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	382,800	\$38,486.91	\$0.1005	1	290,400	\$33,017.98	\$0.1137	5,211,600	\$581,541.12	\$0.1116	1	0.0169%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	82,589	\$13,470.01	\$0.1631	2	80,550	\$13,127.04	\$0.1630	844,827	\$136,216.58	\$0.1612	2	0.0338%
<b>Total Large Power</b>		<b>21</b>	<b>3,743,220</b>	<b>\$362,883.73</b>	<b>\$0.0969</b>	<b>21</b>	<b>3,458,964</b>	<b>\$341,561.66</b>	<b>\$0.0987</b>	<b>39,849,967</b>	<b>\$4,266,296.95</b>	<b>\$0.1071</b>	<b>21</b>	<b>0.3619%</b>
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	934,470	\$80,449.52	\$0.0861	1	880,467	\$77,265.04	\$0.0878	10,650,203	\$1,035,751.89	\$0.0973	1	0.0169%
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	892,849	\$79,725.62	\$0.0893	1	815,531	\$74,982.37	\$0.0919	9,086,450	\$918,959.16	\$0.1011	1	0.0169%
<b>Total Industrial</b>		<b>2</b>	<b>1,827,319</b>	<b>\$160,175.14</b>	<b>\$0.0877</b>	<b>2</b>	<b>1,695,998</b>	<b>\$152,247.41</b>	<b>\$0.0898</b>	<b>19,736,653</b>	<b>\$1,954,711.05</b>	<b>\$0.0990</b>	<b>2</b>	<b>0.0338%</b>
Interdepartmental (In - No Dmd)	ED1	10	23,257	\$3,136.55	\$0.1349	10	22,917	\$3,073.64	\$0.1341	401,605	\$53,096.56	\$0.1322	10	0.1634%
Interdepartmental (Out - w/Dmd)	ED2O	2	574	\$95.67	\$0.1667	2	540	\$91.63	\$0.1697	4,893	\$940.54	\$0.1922	2	0.0338%
Interdepartmental (In - w/Dmd)	ED2	27	20,200	\$2,844.59	\$0.1408	27	22,433	\$3,130.49	\$0.1395	523,487	\$74,634.28	\$0.1426	28	0.4647%
Interdepartmental (3Ph-In - w/Dmd)	ED3	10	137,778	\$16,928.90	\$0.1229	10	147,910	\$18,169.78	\$0.1228	1,892,550	\$245,157.40	\$0.1295	10	0.1690%
Interdepartmental (Street Lights)	EDSL	6	21,490	\$2,075.89	\$0.0966	6	32,771	\$3,138.42	\$0.0958	238,214	\$22,942.75	\$0.0963	6	0.0944%
Interdepartmental (Traffic Signals)	EDTS	8	1,378	\$127.40	\$0.0925	8	1,345	\$124.40	\$0.0925	17,250	\$1,595.00	\$0.0925	8	0.1352%
Generators (JV2 Power Cost Only)	GVJ2	1	16,161	\$354.73	\$0.0219	1	17,934	\$311.69	\$0.0174	217,447	\$5,771.64	\$0.0265	1	0.0169%
Generators (JV5 Power Cost Only)	GVJ5	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	\$0.00	\$0.0000	0	0.0000%
<b>Total Interdepartmental</b>		<b>64</b>	<b>220,838</b>	<b>\$25,563.73</b>	<b>\$0.1158</b>	<b>64</b>	<b>245,850</b>	<b>\$28,040.05</b>	<b>\$0.1141</b>	<b>3,295,446</b>	<b>\$404,138.17</b>	<b>\$0.1226</b>	<b>64</b>	<b>1.0774%</b>
<b>SUB-TOTAL CONSUMPTION &amp; DEMAND</b>		<b>5,909</b>	<b>13,255,315</b>	<b>\$1,444,873.47</b>	<b>\$0.1090</b>	<b>5,926</b>	<b>11,735,237</b>	<b>\$1,296,875.37</b>	<b>\$0.1105</b>	<b>143,599,747</b>	<b>\$17,130,696.10</b>	<b>\$0.1193</b>	<b>5,901</b>	<b>99.7296%</b>
Street Lights (In)	SLO	14	0	\$13.44	\$0.0000	14	0	\$13.43	\$0.0000	0	\$161.24	\$0.0000	14	0.2366%
Street Lights (Out)	SLOO	2	0	\$1.92	\$0.0000	2	0	\$1.91	\$0.0000	0	\$23.01	\$0.0000	2	0.0338%
<b>Total Street Light Only</b>		<b>16</b>	<b>0</b>	<b>\$15.36</b>	<b>\$0.0000</b>	<b>16</b>	<b>0</b>	<b>\$15.34</b>	<b>\$0.0000</b>	<b>0</b>	<b>\$184.25</b>	<b>\$0.0000</b>	<b>16</b>	<b>0.2704%</b>
<b>TOTAL CONSUMPTION &amp; DEMAND</b>		<b>5,925</b>	<b>13,255,315</b>	<b>\$1,444,888.83</b>	<b>\$0.1090</b>	<b>5,942</b>	<b>11,735,237</b>	<b>\$1,296,890.71</b>	<b>\$0.1105</b>	<b>143,599,747</b>	<b>\$17,130,880.35</b>	<b>\$0.1193</b>	<b>5,917</b>	<b>100.0000%</b>



# Electric Dept. Report November 2019

There were 13 Outage/callouts for November. 2 callouts were turn ons for billing dept. 5 were outages/equipment failures. 1 callout was a water main break. 2 callouts were customer issues. 1 was hit skip accident at Oberhaus Park. 2 were tree issues.

**Linemen/Service Truck:** Crews replaced the transformer pole with taller pole and reduced the size of the transformer due to decreased load on the bank. Linemen worked on the URD at West Villa Condos. Crews performed shutoffs for billing dept. Crews installed a new URD on Rd. T between Rds. 9 and 10. Crews installed a new home URD on Rd. P West of Route 6. Crews helped electric tree crew remove 6 trees for new pool construction. Crews prepped for new Vision center at Independence and Oakwood. Crews repaired a URD at 170 Derome Drive. Crews installed 2 URD's on Old School Drive. Crews worked 3 days cleaning up trees and branches and handling complaints concerning wind storm damage. Crews removed tree obstructing view at intersection of Haley and Strong. Crews repaired light hit by a car at Oakwood park. All electric personnel received CPR and AED training at FD on the 19<sup>th</sup>. Crews pulled in primary URD on Rd. 14 South of River in wooded area. Crews removed poles and wires at Knights Inn for lift station project. Crews removed large dead tree at Southside War Memorial. Linemen replaced and upgraded service on St. Rt. 110. Crews installed Christmas Lights and banners. The service truck performed service as needed, handled work orders and locates on OOPS tickets. He also installed LED street lights as time permitted.

**Substation Crew:** The Substation crew performed weekly and monthly checks at all substations and performed mandatory testing on the 138 KV ring buss breakers. They also worked with contractors on IT firewall protection. The Substation Dept. also worked on RP3 data to submit to APPA.

**Tree Crew:** The line clearance crew worked at 1106 Clairmont, Highland, trees at Glenwood Park for pool demolition, Haley and Strong, Southside War Memorial and Picket Fences.

**Storeroom/Inventory/Meter Reading:** Shawn has been busy ordering year-end supplies, setting up new spread sheets for inventory, completing year end ordering and helping line crews as needed.

The **Peak Load** for November was 21.99 MW occurring on the 13<sup>th</sup> at 11:30 AM. This was a decrease of .24 MW compared to November 2018. The **Average Load** for November was 16.99 MW. This was a decrease of .5 MW compared to November 2018. The turbines ran on 11/17/19 and produced 26.21 MWh. JV2 did not run in November.

# City of Napoleon, Ohio



## SUMMARY OF NOVEMBER 2019 OUTAGE/STANDBY CALL-OUTS

### **November 6, 2019:**

One employee was dispatched at 3:10 p.m. to location on Daggett Drive, Euclid Avenue and County Road 12. The call-out resulted in non-outages due to a turn ons from shut offs.

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### **November 9, 2019:**

Electric personnel were dispatched at 12:15 p.m. to 170 Derome Drive. The outage lasted one and one half hours and affected one customer. The resident was experiencing half power. Personnel hooked up service saver.

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### **November 10, 2019:**

Electric personnel were dispatched at 6:35 p.m. to 604 Euclid Avenue. The outage lasted one hour and affected one customer. The resident was experiencing half power due to a bad insulink. Personnel fixed the issue with a H-Tap connector.

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### **November 11, 2019:**

Electric personnel were dispatched at 3:45 p.m. to 655 American Road. The outage lasted one half hour and affected one customer. The outage was due to a broken wire due to ice. Personnel repaired field and center phase stingers to the hot line clamps and reenergized.

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### **November 12, 2019:**

Electric personnel were dispatched at 7:47 a.m. to 500 E Clinton Street. The call-out resulted in a non-outage due to a water main break. Personnel verified electric lines were in the clear.

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### **November 15, 2019:**

Electric personnel were dispatched at 6:18 a.m. to 610 Buckeye Lane. The call-out resulted in a non-outage. It was a customer main breaker issue.

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### **November 17, 2019:**

Electric personnel were dispatched at 1:17 a.m. to Oberhaus Park. The call-out resulted in a non-outage. A street light was hit, hot wires were exposed and the pole was laying on the ground with the light still on. Personnel taped up exposed wires and secured site.

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**November 19, 2019:**

One employee was dispatched at 3:20 p.m. to the City Building. The call-out resulted in non-outage due to a turn on from shut offs.

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**November 19, 2019:**

Electric personnel were dispatched at 4:37 p.m. to 1000 block of W Washington Street. The outage lasted one and one half hours and affected sixteen customers. The outage was due to bad connections. Personnel replaced all bad connections.

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**November 28, 2019:**

Electric personnel were dispatched at 4:00 p.m. to Q027 County Road 16. The call-out resulted in a non-outage. Personnel removed tree from power lines.

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**November 28, 2019:**

Electric personnel were dispatched at 5:30 p.m. to 29 Sutherland Avenue. The call-out resulted in a non-outage. It was a customer main breaker issue.

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**November 28, 2019:**

Electric personnel were dispatched at 9:15 p.m. to Oakwood Park. The outage lasted one hour and affected one customer. The outage was due to a broken wire. Personnel repaired the broken wire on cut out feeding the park.

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**November 30, 2019:**

Electric personnel were dispatched at 4:30 p.m. to 16554 County Road R. The outage lasted two hours and affected one customer. The outage was due to a tree falling on primary and neutral. Personnel repaired the primary and neutral lines after removing the tree that took the lines down.

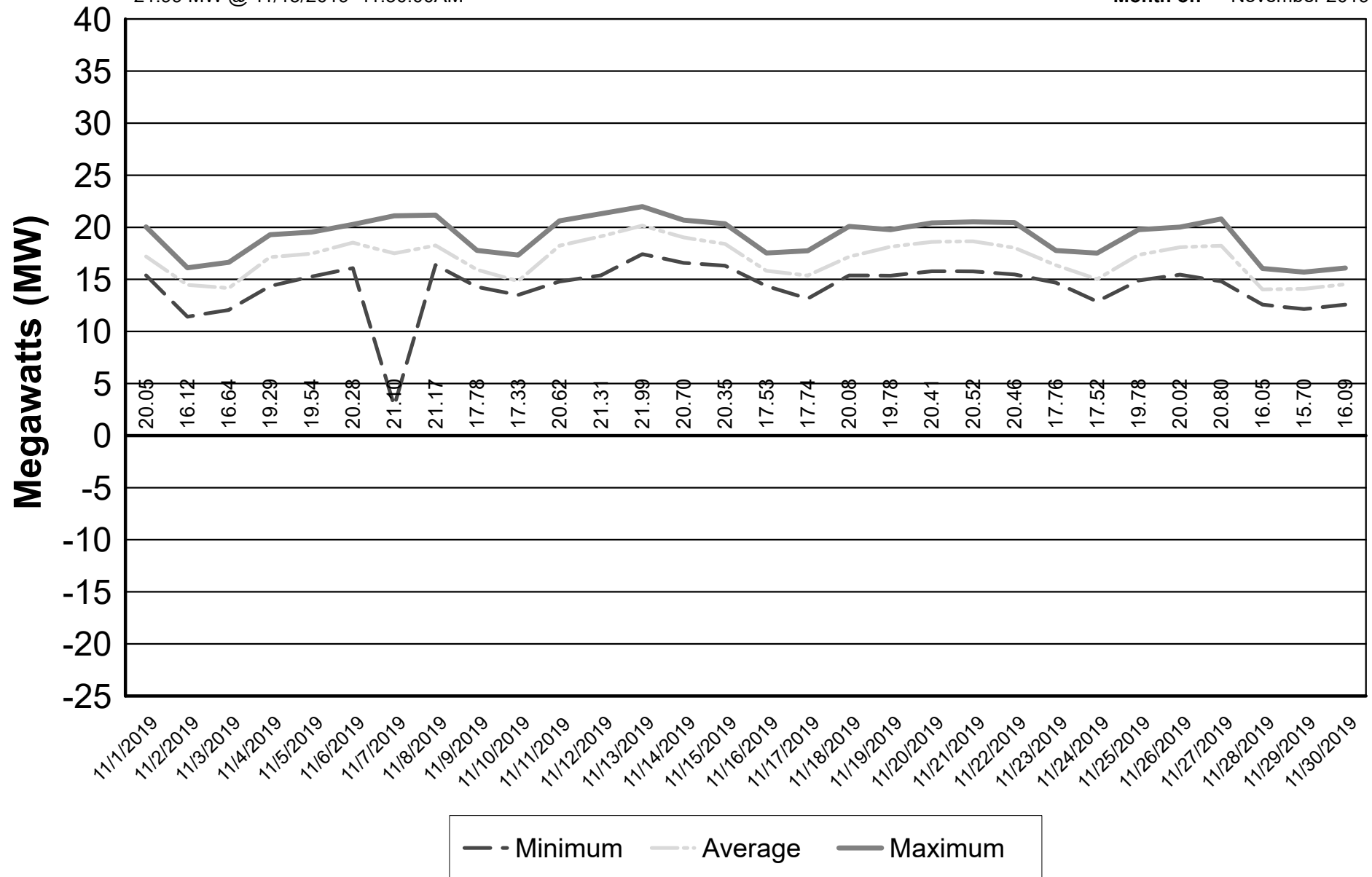
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# Napoleon Power & Light

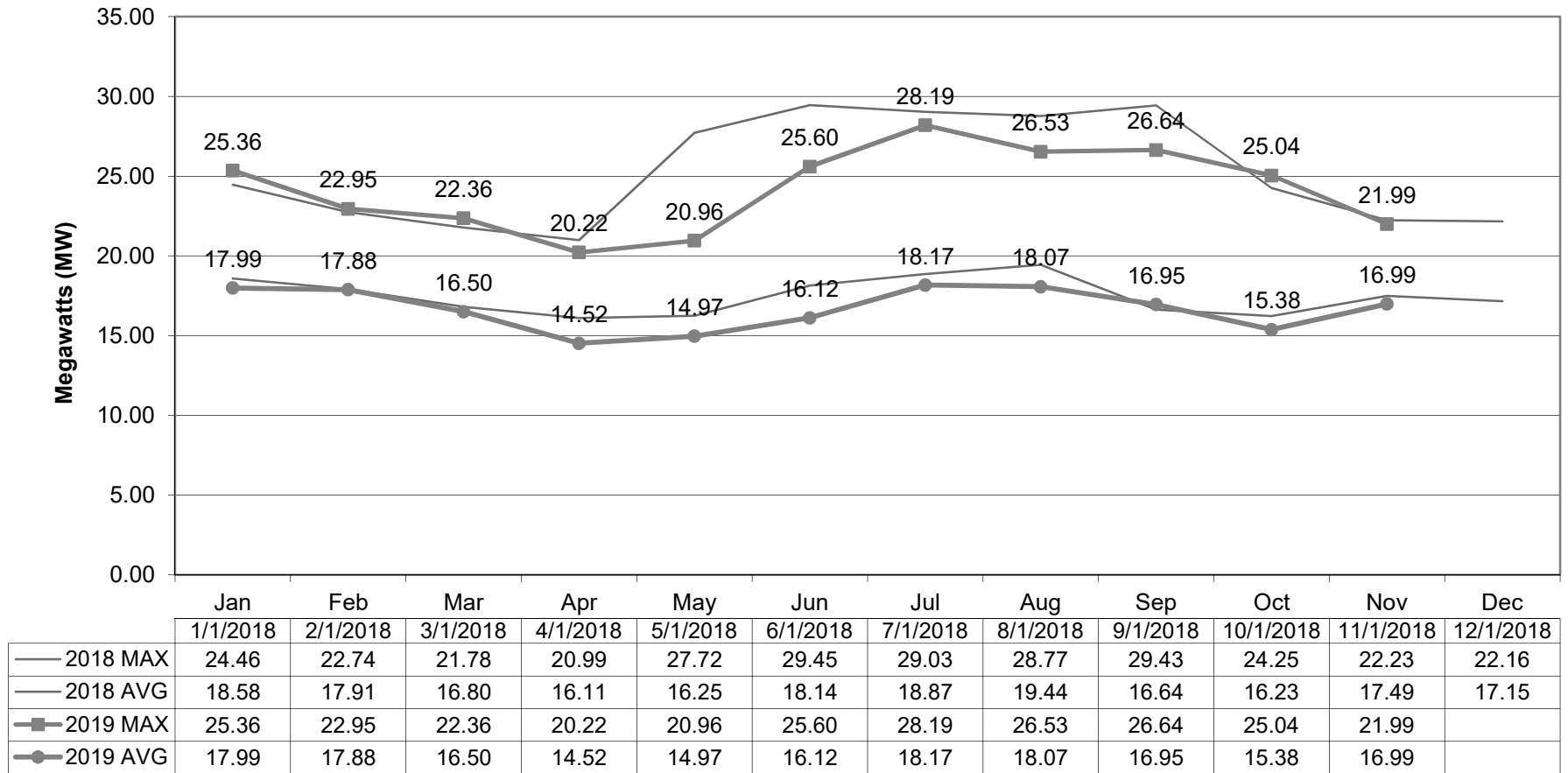
## System Load

Peak Load:  
21.99 MW @ 11/13/2019 11:30:00AM

Month of: November 2019



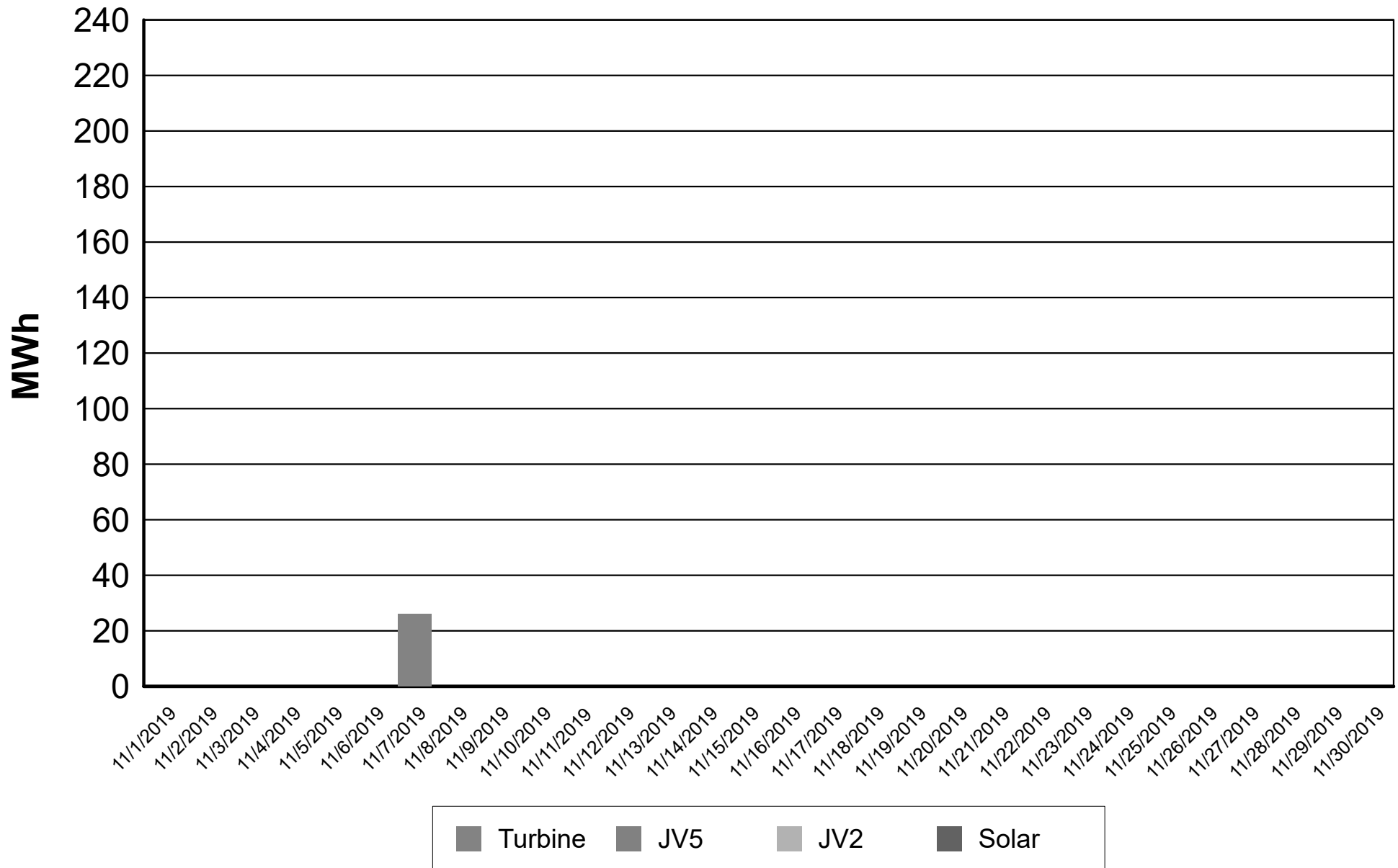
# NAPOLEON POWER & LIGHT



— 2018 MAX    — 2018 AVG    ■ 2019 MAX    ● 2019 AVG

# Napoleon Power & Light

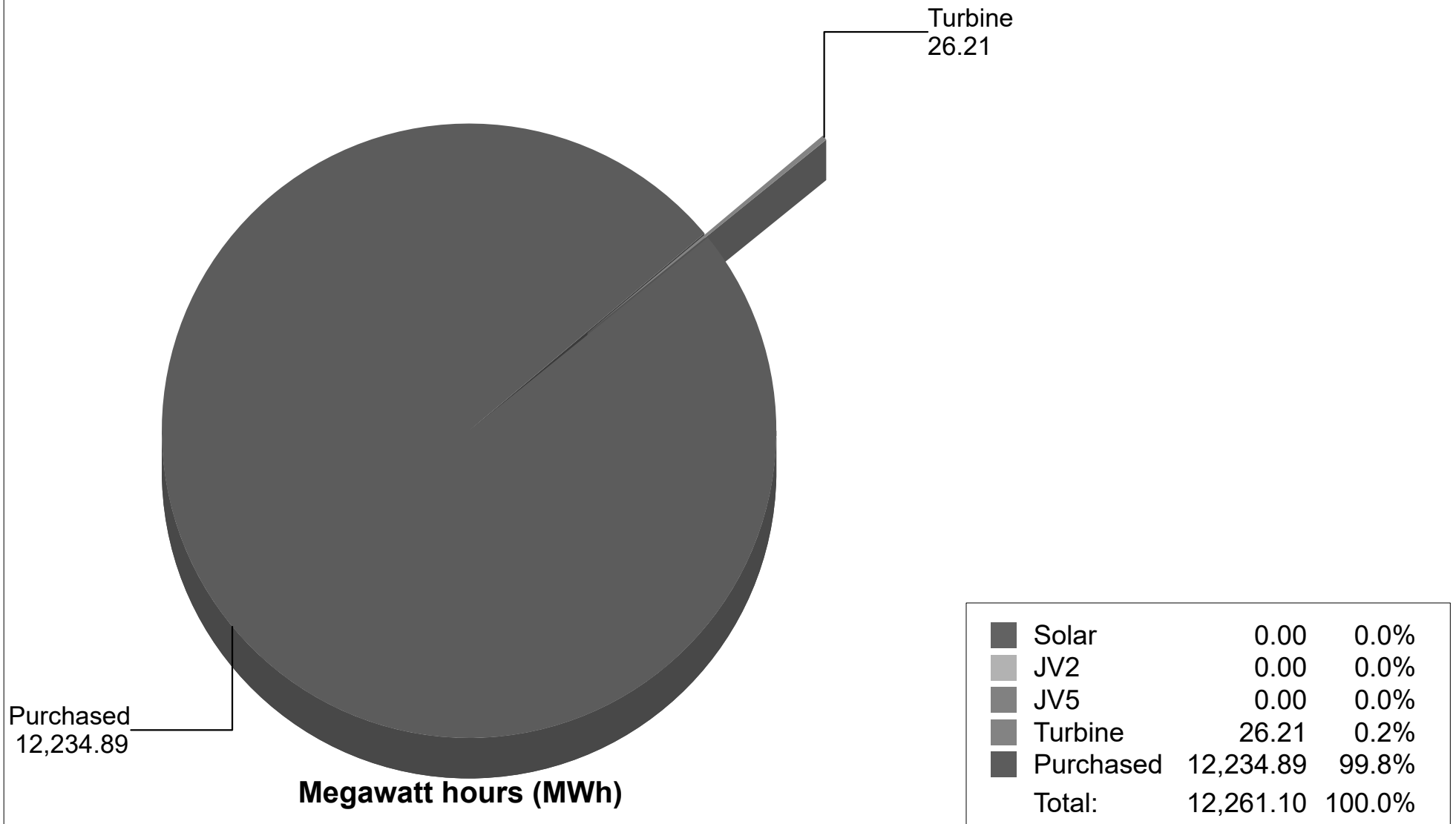
## Daily Generation Output



# Napoleon Power & Light

## Power Portfolio

November 2019



*City of Napoleon, Ohio*

## **BOARD OF PUBLIC AFFAIRS**

Meeting Agenda

**Monday, December 09, 2019 at 6:15 pm**

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

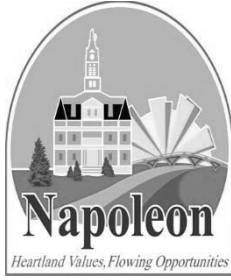
- 1) **Approval of Minutes: November 11, 2019** (In the absence of any objections or corrections, the Minutes shall stand approved)
- 2) **Review/Approval of the Power Supply Cost Adjustment Factor for December 2019:**  
Power Supply Cost Adjustment (PSCA) 3-month averaged factor \$0.01350;  
JV2 \$0.009763
- 3) **Update on Condition of Substations**
- 4) **Electric Department Reports**
- 5) **Any other matters to come before the Board**
- 6) **Adjournment**



Roxanne Dietrich

Executive Assistant to Appointing Authority (Clerk of Council)





# *City of Napoleon, Ohio*

*255 West Riverview Avenue, P.O. Box 151*

*Napoleon, OH 43545*

*Telephone: (419) 599-1235 Fax: (419) 599-8393*

*www.napoleonohio.com*

## *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:** December 5, 2019  
**Subject:** Water, Sewer, Refuse, Recycling and Litter Committee – Cancellation

The regularly scheduled meeting of the ***Water, Sewer, Refuse, Recycling and Litter Committee*** for Monday, December 09, 2019 at 7:00 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

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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) *[Signature]*

**Date:** December 5, 2019

**Subject:** Municipal Properties, Building, Land Use and Economic Development Committee – Cancellation

The regularly scheduled meeting of the ***Municipal Properties, Building, Land Use and Economic Development Committee*** for Monday, December 09, 2019 at 7:30 pm has been CANCELED due to a lack of agenda items.

*City of Napoleon, Ohio*

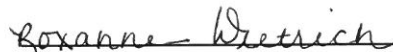
## **PRIVACY COMMITTEE**

### **SPECIAL MEETING AGENDA**

**Tuesday, December 10, 2019 at 10:30 am**

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

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



Roxanne Dietrich

Executive Assistant to Appointing Authority (Clerk of Council)

**Tuesday, May 14, 2019 at 10:30 am**

Tony Cotter, Joel Mazur  
Kent Seemann  
Roxanne Dietrich  
Lori Rausch-Utility Billing Supervisor

Chris Peddicord

Cotter called the Privacy Committee meeting to order at 10:30 am.

Hearing no objections, the meeting minutes of November 13, 2018 stand approved as read.

Mazur inquired about electronic security and our policies for securing bank accounts and direct deposits, we do not have a policy in place. Seemann did not think there needs to be a policy made, this is more of a procedural thing, we need to make an internal procedure change, we need to see the people who are making changes not have it done via email. Mazur said as long as you are comfortable, we are comfortable. Thieves are getting more sophisticated. We talk about it at AMP, the one hot IT topic is AMI and on the other side is cyber security. Seemann stated if changes are being made to a banking account, I would like to have that person come in.

Rausch had nothing to report.

Cotter said we have a lot of records kept for program registrations, there are times when a travel team coach that is not affiliated with my department asks for a list of kids and per our policy we only provide names.

None.

Motion: Mazur                      Second: Seemann  
to adjourn the Privacy Committee meeting at 10:42 am.

Roll call vote on the above motion:

Yea-Cotter, Mazur, Seemann

Nay-

**Date Approved**

**December 10, 2019**

*City of Napoleon, Ohio*

## **RECORDS COMMISSION**

Meeting Agenda

**Tuesday, December 10, 2019 at 4:00 pm**

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

- 1) **Approval of Minutes** *(In the absence of any objections or corrections, the Minutes shall stand approved).*
- 2) **Review of Records Retention Schedules**
  - a. Income Tax
  - b. City Manager
  - c. Management Information System (MIS)
  - d. Finance Department
- 3) **Any other matters to come before the Commission.**
- 4) **Adjournment.**



Roxanne Dietrich

Executive Assistant to Appointing Authority (Clerk of Council)



**Motion to Adjourn**

Motion: Seemann                      Second: Harmon  
to adjourn the Records Commission meeting at 4:05 pm.

**Passed**

**Yea-4**

**Nay-0**

Roll call vote on the above motion:  
Yea-Seemann, Maassel, O'Brien, Harmon  
Nay-

**Date Approved**

**December 10, 2019**

---

Jason Maassel-Chair

DRAFT



Ohio Historical Society  
State Archives of Ohio  
Local Government Records Program

800 E. 17<sup>th</sup> Avenue  
Columbus, Ohio 43211-2497

Page \_\_\_\_ of \_6\_

(1) Schedule Number	(2) Record Title and Description	(3) Retention Period	(4) Media Type	(5) For use by Auditor of State or OHS-LGRP	(6) RC-3 Required by OHS- LGRP
FIN-135	ANNUAL MASTER LISTING	3 YEARS	ELETRONIC 2010 & BEYOND		
FIN-136	ANNUAL INACTIVE REPORT	3 YEARS	PAPER/ELECTRONIC 2010&BEYOND		
FIN-138	BILLING STATEMENTS	3 YEARS	PAPER		
FIN-40	BUSINESS REGISTRATIONS (PREVIOUSLY KNOWN AS QUESTIONAIRES)	6 YEARS	PAPER ELECTRONIC 2008 & BEYOND		
FIN-40A	BUSINESS REGISTRATIONS	6 YEARS	PAPER ELECTRONIC 2008 & BEYOND		
FIN-41	BUSINESS TAX RETURN	6 YEARS FROM DATE OF FILLING	PAPER-UP UNTIL TY 2008/ELECTRONIC TY 2008 & BEYOND		
FIN-142	CLOSED ACCOUNT	UNTIL ACCOUNT CLOSED	PAPER		
FIN-143	COMPUTER DAILY TRANSACTIONS OF CASH AND NON CASH POSTED AND REGISTRATIONS	6 YEARS PROVIDED AUDITED	PAPER		
FIN-144	COURT PAYMENT PLAN SHEET	NR-ORIGINAL KEPT AT COURT	PAPER		
FIN-145	COURT OFFENSE REPORT	NR-ORIGINAL KEPT AT COURT	PAPER		
FIN-146	COURT STATEMENT OF FACTS SHEET	NR-ORIGINAL KEPT AT COURT	PAPER		
FIN-148	DECLARATION OF ESTIMATED TAX	SEE FIN-143	PAPER		





## RECORDS RETENTION SCHEDULE (RC-2)– Part 1

*See instructions before completing this form. Must be submitted with PART 2*

### Section A: Local Government Unit

City of Napoleon, Ohio		City Manager	
(Local Government Entity)	(Unit)		
	Joel L. Mazur	City Manager	
(Signature of Responsible Official)	(Name)	(Title)	(Date)

### Section B: Records Commission

Records Commission		419-592-4010	
		(Telephone Number)	
P.O. Box 151, 255 W. Riverview Avenue	Napoleon	43545	Henry
(Address)	(City)	(Zip Code)	(County)

To have this form returned to the Records Commission electronically, include an email address:

[rdietrich@napoleonohio.com](mailto:rdietrich@napoleonohio.com)

I hereby certify that our records commission met in an open meeting, as required by Section 121.22 ORC, and approved the schedules listed on this form and any continuation sheets. I further certify that our commission will make every effort to prevent these records series from being destroyed, transferred, or otherwise disposed of in violation of these schedules and that no record will be knowingly disposed of which pertains to any pending legal case, claim, action or request. This action is reflected in the minutes kept by this commission.

Records Commission Chair Signature	Date
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### Section C: Ohio History Connection - State Archives

Signature	Title	Date
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### Section D: Auditor of State

Signature	Title	Date
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**Please Note:** The State Archives retains RC-2 forms permanently. It is strongly recommended that the Records Commission retain a permanent copy of this form

## Section E: RECORDS RETENTION SCHEDULE (RC-2) – Part 2

*See instructions before completing this form.*

(Local Government Entity)

(Unit)

(1) Schedule Number	(2) Record Title and Description	(3) Retention Period	(4) Media Type	(5) For use by Auditor of State or LGRP	(6) RC-3 Required by LGRP
Was FIN-19 Now CM-40	Ordinances and Resolutions	Permanent	Paper		<input type="checkbox"/>
Was FIN-30 Now CM-41	Project Files: Unsuccessful Bidders	2 Years After Contract is Awarded	Paper		<input type="checkbox"/>
Was FIN30-A Now CM-42	Engineering: Quality Based Selection Files	1 Year After Contract is Awarded	Paper		<input type="checkbox"/>
Was FIN-30B Now CM-43	Project Files: Successful Bidder Contract Documents, Pay Estimates and Change Orders	15 Years After Completion of Project	Paper		<input type="checkbox"/>
Was FIN-30C Now CM-44	Easements (Permanent and Temporary)	Permanent	Paper		<input type="checkbox"/>
Was FIN-30D Now CM-45	Lease Agreements	8 Years After Expiration	Paper		<input type="checkbox"/>
Was FIN-33 Now CM-46	Meeting Minutes: City Council, Boards, Commissions and Committees and Public Hearings)	Permanent	Paper		<input type="checkbox"/>
Was FIN-33A Now CM-47	Meeting Minutes: Draft	Until Minutes are Approved and Signed	All		<input type="checkbox"/>
Was FIN-33B Now CM-48	Agendas: City Council, Committee, Commission and Board Meetings (posted publicly showing time, place and list of items to be discussed)	≥ 6 Years	All		<input type="checkbox"/>
Was FIN33-C Now CM-49	Legal Advertisements/Notices: to inform public of meetings, hearings, bids, auctions or other events	2 Years	All		<input type="checkbox"/>
Was FIN33-D Now CM-50	Council Packets: information sent to City Council, Mayor and Appointing Authorities Weekly	2 Years	Electronic		<input type="checkbox"/>
Was FIN-35	Contracts – are covered under CM-43	--	--		<input type="checkbox"/>
Was FIN-45 Now CM-51	Public Hearings of City Council, Commissions, Committees and Board	Until Minutes are Signed & Approved NR-located in IT Dept.	Audiotape		<input type="checkbox"/>

## Section E: RECORDS RETENTION SCHEDULE (RC-2) – Part 2

*See instructions before completing this form.*

(Local Government Entity)

(Unit)

(1) Schedule Number	(2) Record Title and Description	(3) Retention Period	(4) Media Type	(5) For use by Auditor of State or LGRP	(6) RC-3 Required by LGRP
Was FIN-66 <b>Now CM-52</b>	Audio Recordings of City Council, Committees, Commission and Board Meetings	<del>Until Official Minutes are Signed</del> NR-Located in IT Dept.	Audiotape		<input type="checkbox"/>
Was FIN-90 <b>Now CM-53</b>	Oath of Office of Elected Officials (Oaths are given and sworn to by elected officials upon taking office)	10 Years After Leaving Office	Paper		<input type="checkbox"/>
Was FIN-91 <b>Now CM-54</b>	Board Appointments (Appointments to and Resignation from City Boards and Commissions)	10 Years	Paper		<input type="checkbox"/>
Was FIN-92 <b>Now CM-55</b>	Calendars (updated weekly in Council Packet with Scheduled Meetings)	3 Months After End of Calendar Year	All		<input type="checkbox"/>
Was FIN-93 <b>Now CM-56</b>	Status of Current Documents (report generated showing current status of contracts and agreements and legislation)	2 Years	All		<input type="checkbox"/>
Was FIN-116 <b>Now CM-57</b>	Records Retention Forms RC1, RC2 and RC3	Permanent	Paper		<input type="checkbox"/>
Was FIN-117 <b>Now CM-58</b>	Records Requests	2 Years	Paper		<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>



## RECORDS RETENTION SCHEDULE (RC-2)– Part 1

*See instructions before completing this form. Must be submitted with PART 2*

### Section A: Local Government Unit

CITY OF NAPOLEON

FINANCE DEPARTMENT

(Local Government Entity)

(Unit)

KELLY O'BOYLE

FINANCE DIRECTOR

(Signature of Responsible Official)

(Name)

(Title)

(Date)

### Section B: Records Commission

CITY OF NAPOLEON

Records Commission

419-592-4010

(Telephone Number)

255 W. RIVERVIEW AVE. – P.O. BOX 151

NAPOLEON

43545

HENRY

(Address)

(City)

(Zip Code)

(County)

To have this form returned to the Records Commission electronically, include an email address:

[rdietrich@napoleonohio.com](mailto:rdietrich@napoleonohio.com)

I hereby certify that our records commission met in an open meeting, as required by Section 121.22 ORC, and approved the schedules listed on this form and any continuation sheets. I further certify that our commission will make every effort to prevent these records series from being destroyed, transferred, or otherwise disposed of in violation of these schedules and that no record will be knowingly disposed of which pertains to any pending legal case, claim, action or request. This action is reflected in the minutes kept by this commission.

Records Commission Chair Signature

Date

### Section C: Ohio History Connection - State Archives

Signature

Title

Date

### Section D: Auditor of State

Signature

Title

Date

**Please Note:** The State Archives retains RC-2 forms permanently. It is strongly recommended that the Records Commission retain a permanent copy of this form

## Section E: RECORDS RETENTION SCHEDULE (RC-2) – Part 2

See instructions before completing this form.

**City of Napoleon**

**Finance**

(Local Government Entity)

(Unit)

(1) Schedule Number	(2) Record Title and Description	(3) Retention Period	(4) Media Type	(5) For use by Auditor of State or LGRP	(6) RC-3 Required by LGRP
FIN-01	TIME CARDS	1 YEAR	PAPER		<input type="checkbox"/>
FIN-01A	TIME SHEETS	4 YEARS 1 YEAR	ELEC- TRONIC PAPER		<input type="checkbox"/>
FIN-02	EMPLOYEE EARNINGS	RETIRE- MENT PLUS 30 YEARS	PAPER		<input type="checkbox"/>
FIN-03	RETIREMENT DEDUCTION RECORD	RETIRE- MENT PLUS 30 YEARS	PAPER		<input type="checkbox"/>
FIN-04	PERS REPORTS	100 YEARS FROM CREATION	PAPER		<input type="checkbox"/>
FIN-05	PAYROLL LEDGER	5 YEARS	PAPER		<input type="checkbox"/>
FIN-06	PAYROLL RUNS & TRIAL BALANCES	5 YEARS	PAPER		<input type="checkbox"/>
FIN-08	W-2'S – W-4'S	7 YEARS	PAPER		<input type="checkbox"/>
FIN-09	BUDGET PREPARATION RECORDS	RETAIN UNTIL AUDITED	PAPER		<input type="checkbox"/>
FIN-10	MONTHLY MUNICIPAL CURT RECORDS (GRANTS)	RETAIN UNTIL AUDITED	PAPER		<input type="checkbox"/>
FIN-11	PAY-INS	3 YEARS	PAPER		<input type="checkbox"/>
FIN-12	DEPOSIT TICKETS	3 YEARS	PAPER		<input type="checkbox"/>
FIN-13	GAS PRINTOUTS/WEX/ FUELMaster REPORTS	5 YEARS	PAPER		<input type="checkbox"/>

## Section E: RECORDS RETENTION SCHEDULE (RC-2) – Part 2

See instructions before completing this form.

**City of Napoleon**

**Finance**

(Local Government Entity)

(Unit)

(1) Schedule Number	(2) Record Title and Description	(3) Retention Period	(4) Media Type	(5) For use by Auditor of State or LGRP	(6) RC-3 Required by LGRP
FIN-14	VOUCHERS	5 YEARS	PAPER/ ELEC- TRONIC		<input type="checkbox"/>
FIN-15	WORK ORDERS	6 YEARS	PAPER/ ELEC- TRONIC		<input type="checkbox"/>
FIN-16	ACCOUNTS PAYABLE PRINTOUTS	3 YEARS	PAPER		<input type="checkbox"/>
FIN-16A	VENDOR INFORMATION FORMS	10 YEARS UNLESS NO LONGER DOING BUSINESS WITH CITY	PAPER		<input type="checkbox"/>
FIN-17	CITY INVOICES	3 YEARS	PAPER		<input type="checkbox"/>
FIN-18	ANNUAL FINANCIAL REPORTS	PERMANENT	PAPER		<input type="checkbox"/>
FIN-20	DAILY CASH RECEIPTS (BILLING STUB, PAID SLIP, TAPES & SUMMARY SHEETS)	3 YEARS	PAPER		<input type="checkbox"/>
FIN-26	GOLF MEMBERSHIP, GREENS FEE TICKET REPORTS	RETAIN UNTIL AUDITED	PAPER		<input type="checkbox"/>
FIN-27	SWIMMING POOL DAILY REPORTS, RECEIPTS & TICKETS	RETAIN UNTIL AUDITED	PAPER		<input type="checkbox"/>
FIN-28	STATE EXAMINERS REPORT	PERMANENT	PAPER		<input type="checkbox"/>
FIN-29	BULK WATER SALES SLIPS	RETAIN UNTIL AUDITED	PAPER		<input type="checkbox"/>
FIN-31	BOND & COUPON STATEMENTS	RETAIN UNTIL ISSUE PAID	PAPER		<input type="checkbox"/>

**Section E: RECORDS RETENTION SCHEDULE (RC-2) – Part 2***See instructions before completing this form.***City of Napoleon****Finance**

(Local Government Entity)

(Unit)

(1) Schedule Number	(2) Record Title and Description	(3) Retention Period	(4) Media Type	(5) For use by Auditor of State or LGRP	(6) RC-3 Required by LGRP
FIN-32	CANCELED CHECKS/BANK STATEMENTS	5 YEARS	PAPER		<input type="checkbox"/>
FIN-35	CONTRACTS (FINANCE RELATED)	15 YEARS AFTER EXPIRATION	PAPER		<input type="checkbox"/>
FIN-36	INSURANCE POLICIES – DESTROY PROVIDED ALL CLAIMS SETTLED & AUDITED	RETAIN 20 YEARS AFTER EXPIRATION	PAPER		<input type="checkbox"/>
FIN-37	APPRAISAL OF CITY PROPERTY	10 YEARS	PAPER		<input type="checkbox"/>
FIN-38	WATER/SEWER TAP PERMITS (UTILITY RELATED)	2 YEARS	PAPER		<input type="checkbox"/>
FIN-39	ACCOUNTS RECEIVABLE LEDGERS	6 YEARS	ELEC-TRONIC		<input type="checkbox"/>
FIN-44	RECEIPT BOOKS	RETAIN UNTIL AUDITED	PAPER		<input type="checkbox"/>
FIN-46	EMAIL – POLICY OR CONTRACTURAL EMAIL – GENERAL	2YEARS  UNTIL NO LONGER ADMIN NEEDED	ELEC-TRONIC		<input type="checkbox"/>
FIN-47	CORRESPONDENCE (OUTGOING MEMOS)	UNTIL NO LONGER ADMIN NEEDED	PAPER		<input type="checkbox"/>
FIN-48	CORRESPONDENCE (INTERNAL MEMOS)	UNTIL NO LONGER ADMIN NEEDED	PAPER		<input type="checkbox"/>
FIN-48A	CORRESPONDENCE (INTERNAL NOTES)	UNTIL NO LONGER ADMIN NEEDED	PAPER		<input type="checkbox"/>

**Section E: RECORDS RETENTION SCHEDULE (RC-2) – Part 2***See instructions before completing this form.***City of Napoleon****Finance**

(Local Government Entity)

(Unit)

(1) Schedule Number	(2) Record Title and Description	(3) Retention Period	(4) Media Type	(5) For use by Auditor of State or LGRP	(6) RC-3 Required by LGRP
FIN-49	PHONE MESSAGES	UNTIL NO LONGER ADMIN NEEDED	PAPER		<input type="checkbox"/>
FIN-50	CORRESPONDENCE (OUTGOING)	UNTIL NO LONGER ADMIN NEEDED	PAPER		<input type="checkbox"/>
FIN-51	DRAFT COPIES OF DOCUMENTS	UNTIL NO LONGER ADMIN NEEDED	PAPER		<input type="checkbox"/>
FIN-55	REQUISITIONS	5 YEARS	PAPER/ ELEC- TRONIC		<input type="checkbox"/>
FIN-55A	REQUISITIONS – CARBON COPY – UNTIL 10/1/19	NR	PAPER/ ELEC- TRONIC		<input type="checkbox"/>
FIN-56	PURCHASE ORDERS	5 YEARS	PAPER/ ELEC- TRONIC		<input type="checkbox"/>
FN-56A	PURCHASE ORDERS – CARBON COPY – UNTIL 10/1/19	NR	PAPER/ ELEC- TRONIC		<input type="checkbox"/>
FIN-58	FIXED ASSETS REPORTS	10 YEARS	PAPER		<input type="checkbox"/>
FIN-60	PINK NOTES – POLICY OR CONTRACTURAL PINK NOTES – GENERAL	2 YEARS  UNTIL NO LONGER ADMIN NEEDED	ELEC- TRONIC		<input type="checkbox"/>
FIN-61	VIDEO RECORDINGS	15 DAYS	ELEC- TRONIC		<input type="checkbox"/>



## Section E: RECORDS RETENTION SCHEDULE (RC-2) – Part 2

See instructions before completing this form.

**City of Napoleon**

**Finance**

(Local Government Entity)

(Unit)

(1) Schedule Number	(2) Record Title and Description	(3) Retention Period	(4) Media Type	(5) For use by Auditor of State or LGRP	(6) RC-3 Required by LGRP
FIN-62	TELEPHONE VOICEMAIL	UNTIL NO LONGER ADMIN NEEDED	ELEC- TRONIC		<input type="checkbox"/>
FIN-63	CHECK REGISTERS/STUBS/ CARBONS	5 YEARS, PROVIDED AUDITED	PAPER/ ELEC- TRONIC		<input type="checkbox"/>
FIN-64	COMPUTER GENERATED FINANCIAL REPORTS – MONTHLY & ANNUAL FUND BALANCES, RECEIPTS, EXPENDITURES & CASH (BANK)	MONTHLY – 10 YEARS /ANNUAL - PERMANENT	PAPER		<input type="checkbox"/>
FIN-65	REIMBURSEMENT AUTHORIZATION FOR CITY USAGE FROM PERSONAL CELL PHONE & INTERNET	5 YEARS, PROVIDED AUDITED	PAPER		<input type="checkbox"/>
FIN-82	<u>EMS COLLECTIONS</u> ACCOUNT RECORDS & FILES	10 YEARS AFTER FINAL SETTLE- MENT	PAPER		<input type="checkbox"/>
FIN-83	COLLECTION AGENCY REPORTS	UNTIL PAID	PAPER		<input type="checkbox"/>
FIN-84	EMS BILLING COMPANY REPORT	3 YEARS	PAPER		<input type="checkbox"/>
FIN-85	RUN REPORTS	3 YEARS	PAPER		<input type="checkbox"/>
FIN-86	WRITE-OFF LISTS & FILES	6 YEARS PROVIDED AUDITED	PAPER		<input type="checkbox"/>
FIN-117	RECORDS REQUEST	2 YEARS	PAPER		<input type="checkbox"/>
FIN-175	GARNISHMENT ORDERS	UNTIL EMPLOYEE	PAPER		

**Section E: RECORDS RETENTION SCHEDULE (RC-2) – Part 2***See instructions before completing this form.***City of Napoleon****Finance**

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		TERMINATES OR ORDER RESCINDED			<input type="checkbox"/>
FIN-176	EMPLOYER QUARTERLY FEDERAL TAX RETURN	4 YEARS, AFTER AUDIT	PAPER		<input type="checkbox"/>
FIN-177	EMPLOYER STATE, SCHOOL AND CITY TAX WITHHOLDING	4 YEARS, AFTER AUDIT	PAPER		<input type="checkbox"/>
FIN-178	EMPLOYEE RATE CHANGE NOTICE	4 YEARS, AFTER AUDIT	PAPER		<input type="checkbox"/>
FIN-179	AFLAC WITHHOLDING STATEMENTS	2 YEARS	PAPER		<input type="checkbox"/>
FIN-180	CHILD SUPPORT WITHHOLDING STATEMENTS	3 YEARS	PAPER		<input type="checkbox"/>
FIN-181	OHIO DEPT OF JOB & FAMILY SERVICES REPORTS	2 YEARS, AFTER AUDIT	PAPER		<input type="checkbox"/>
FIN-182	WORKERS COMPENSATION PAYROLL REPORTS	4 YEARS, AFTER AUDIT	PAPER		<input type="checkbox"/>
FIN-183	DEFERRED COMPENSATION REPORTS	4 YEARS, AFTER AUDIT	PAPER		<input type="checkbox"/>
FIN-184	BACKUP TAPES/HARD DRIVE BACKUPS	2 YEARS	ELEC- TRONIC		<input type="checkbox"/>
FIN-185	VENDORS' 1099'S	7 YEARS	PAPER		<input type="checkbox"/>
FIN-186	GOV DEALS (POSTING RECORDS)	1 YEAR	PAPER		<input type="checkbox"/>

# Section E: RECORDS RETENTION SCHEDULE (RC-2) – Part 2

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					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>



# 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](http://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) *RD*  
**Date:** December 05, 2019  
**Subject:** BZA – Cancellation

The regularly scheduled meeting of the Board of Zoning Appeals set for Tuesday, December 10, 2019 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:** December 5, 2019

**Subject:** Planning Commission – Cancellation

The regularly scheduled meeting of the **PLANNING COMMISSION** for Tuesday, December 10, 2019 at 5:00 pm has been *canceled* due to a lack of agenda items.