

September 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2 Labor Day	3 7:00 pm City Council	4	5	6	7
	CITY OFFICES CLOSED					
8	9 6:15 pm Electric Comm. 6:15 pm BOPA 7:00 pm Water/Sewer Comm 7:30 pm Muni Prop Comm.	10	11	12 8:00 am Health Care Cost Committee	13 Kelly Vacation	14
15	16 6:00 pm Park & Rec Comm. 6:00 pm Tree Commission 7:00 pm City Council	17	18	19	20	21
Kelly Vacation						
22	23 6:30 pm Finance & Budget 7:30 pm Safety & HR Comm	24 4:30 pm Civil Service	25 6:30 pm Park & Rec Bd.	26	27 Rox Day Off	28
29	30 5th Monday-No Scheduled Meetings Rox Day Off	Notes:				

GENERAL INFORMATION

September 09, 2019

1. CALENDAR

2. MONDAY, SEPTEMBER 09, 2019

- a. **Electric Committee and BOPA @6:15 pm**
 - i. Approval of Minutes – the minutes from the meeting on July 8th are enclosed.
 - ii. Review/Approval of the PSCAF for September 2019 – the reports are attached.
 - iii. Pole Attachment Agreement with Okolona Telephone Co. dba bright.net – a copy of the proposed agreement is enclosed.
 - iv. Electric Departments Reports – the reports from August 2019 are included in the packet.
- b. **Water, Sewer, Refuse, Recycling and Litter Committee @7:00 pm**
 - i. Approval of Minutes
 - ii. Update on WWTP Phase I Improvements Project
 - iii. Long Term Control Plan (LTCP) Update
- c. **Municipal Properties, Building, Land Use and Economic Development Committee @7:30 pm**
 - i. Approval of Minutes
 - ii. 2020 Annual Resurfacing Project – included in the packet is a Memorandum from Chad
 - iii. Henry County Transportation Network Proposal for Additional Vehicle in Napoleon – Mike Saneholtz will be at the meeting.

3. TUESDAY, SEPTEMBER 10, 2019

- a. Board of Zoning Appeals Meeting CANCELED
- b. Planning Commission Meeting CANCELED

4. THURSDAY, SEPTEMBER 12, 2019

- a. Healthcare Cost Committee @8:00 am

5. INFORMATIONAL ITEMS

- a. AMP Update/August 30, 2019

Records Retention - CM-11 - 2 Years

City of Napoleon, Ohio

ELECTRIC COMMITTEE

Meeting Agenda

Monday, September 09, 2019 at 6:15 pm

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

- 1) Approval of Minutes: July 08, 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 September 2019: PSCA 3-month averaged factor \$0.01255; JV2 \$0.023321.
- 3) Pole Attachment Agreement with Okolona Telephone Co. dba bright.net
- 4) Electric Department Reports.
- 5) Any other matters to come before the Committee.
- 6) Adjournment.

Roxanne Dietrich

Roxanne Dietrich
Interim Clerk of Council

ELECTRIC COMMITTEE

Monday, July 08, 2019 at 6:15 pm

Page 1 of 2

general fund. This may come to an end someday if legislation passes. Mazur added may remember the pole attachment exemption is under attack.

Other Matters

Clapp announced we could possibly have a peak shaving advisory on Wednesday more than likely next week will have some alerts, an alert means we have to notify the news media.

**Motion to Adjourn
Electric Committee Mtg.**

Motion: Bialorucki Second: Siclair
to adjourn the Electric Committee meeting at 6:39 pm.

**Passed
Yea-3
Nay-0**

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

Approved

September 09, 2019

Travis Sheaffer - Chair

CITY OF NAPOLEON, OHIO - PSCAF

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

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

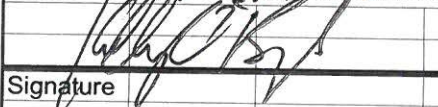
AMP Billed Usage Month	PSCAF City Billing Month	AMP - kWh Delivered As Listed on AMP Invoices	Purchased Power Supply Costs (*=Net of Known) (+ OR - Other Cr's)	Rolling 3-Month Totals Current + Prior 2 Months kWh Cost		Rolling 3 Month Average Cost	Less: Fixed Base Power Supply Cost	PSCA Dollar Difference + or (-)	PSCA-Corrted. 3 MONTH AVG.FACTOR + Line Loss
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
		Actual Billed	Actual Billed w/Cr's	c + prior 2 Mo	d + prior 2 Mo	f / e	\$0.07194 Fixed	g + h	i X 1.075
July'17	Sep '17	14,573,346	\$ 1,192,319.89	40,367,108	\$ 3,295,254.14	\$ 0.08163	\$ (0.07194)	\$ 0.00969	\$ 0.01042
Aug'17	Oct '17	14,326,956	\$ 1,182,800.05	42,480,669	\$ 3,472,029.96	\$ 0.08173	\$ (0.07194)	\$ 0.00979	\$ 0.01052
Sept'17	Nov'17	12,915,106	\$ 1,041,374.28	41,815,408	\$ 3,416,494.22	\$ 0.08170	\$ (0.07194)	\$ 0.00976	\$ 0.01049
Oct'17	Dec'17	12,743,776	*\$ 1,064,421.41	39,985,838	\$ 3,288,595.74	\$ 0.08224	\$ (0.07194)	\$ 0.01030	\$ 0.01107
Nov'17	Jan'18	12,424,075	\$ 1,088,533.30	38,082,957	\$ 3,194,328.99	\$ 0.08388	\$ (0.07194)	\$ 0.01194	\$ 0.01284
Dec'17	Feb'18	13,391,143	\$ 1,149,912.68	38,558,994	\$ 3,302,867.39	\$ 0.08566	\$ (0.07194)	\$ 0.01372	\$ 0.01475
Jan'18	Mar'18	13,957,533	\$ 1,336,329.96	39,772,751	\$ 3,574,775.94	\$ 0.08988	\$ (0.07194)	\$ 0.01794	\$ 0.01929
Feb'18	Apr'18	12,213,852	*\$ 914,897.80	39,562,528	\$ 3,401,140.44	\$ 0.08597	\$ (0.07194)	\$ 0.01403	\$ 0.01508
Mar'18	May'18	12,894,285	*\$ 1,115,898.14	39,065,670	\$ 3,367,125.90	\$ 0.08619	\$ (0.07194)	\$ 0.01425	\$ 0.01532
Apr'18	June'18	11,995,837	\$ 1,154,645.74	37,103,974	\$ 3,185,441.68	\$ 0.08585	\$ (0.07194)	\$ 0.01391	\$ 0.01495
May'18	July'18	12,812,421	\$ 1,184,249.00	37,702,543	\$ 3,454,792.88	\$ 0.09163	\$ (0.07194)	\$ 0.01969	\$ 0.02117
June'18	Aug'18	13,813,277	\$ 1,230,516.92	38,621,535	\$ 3,569,411.66	\$ 0.09242	\$ (0.07194)	\$ 0.02048	\$ 0.02202
July'18	Sep'18	15,234,049	\$ 1,312,135.13	41,859,747	\$ 3,726,901.05	\$ 0.08903	\$ (0.07194)	\$ 0.01709	\$ 0.01837
Aug'18	Oct'18	15,634,242	\$ 1,275,023.19	44,681,568	\$ 3,817,675.24	\$ 0.08544	\$ (0.07194)	\$ 0.01350	\$ 0.01451
Sep'18	Nov'18	13,195,770	\$ 1,197,316.71	44,064,061	\$ 3,784,475.03	\$ 0.08589	\$ (0.07194)	\$ 0.01395	\$ 0.01500
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

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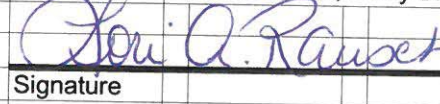
* Total Includes Other (-) Credits / (+) Debits in Purchased Power Costs, Not Listed on AMP Billings:

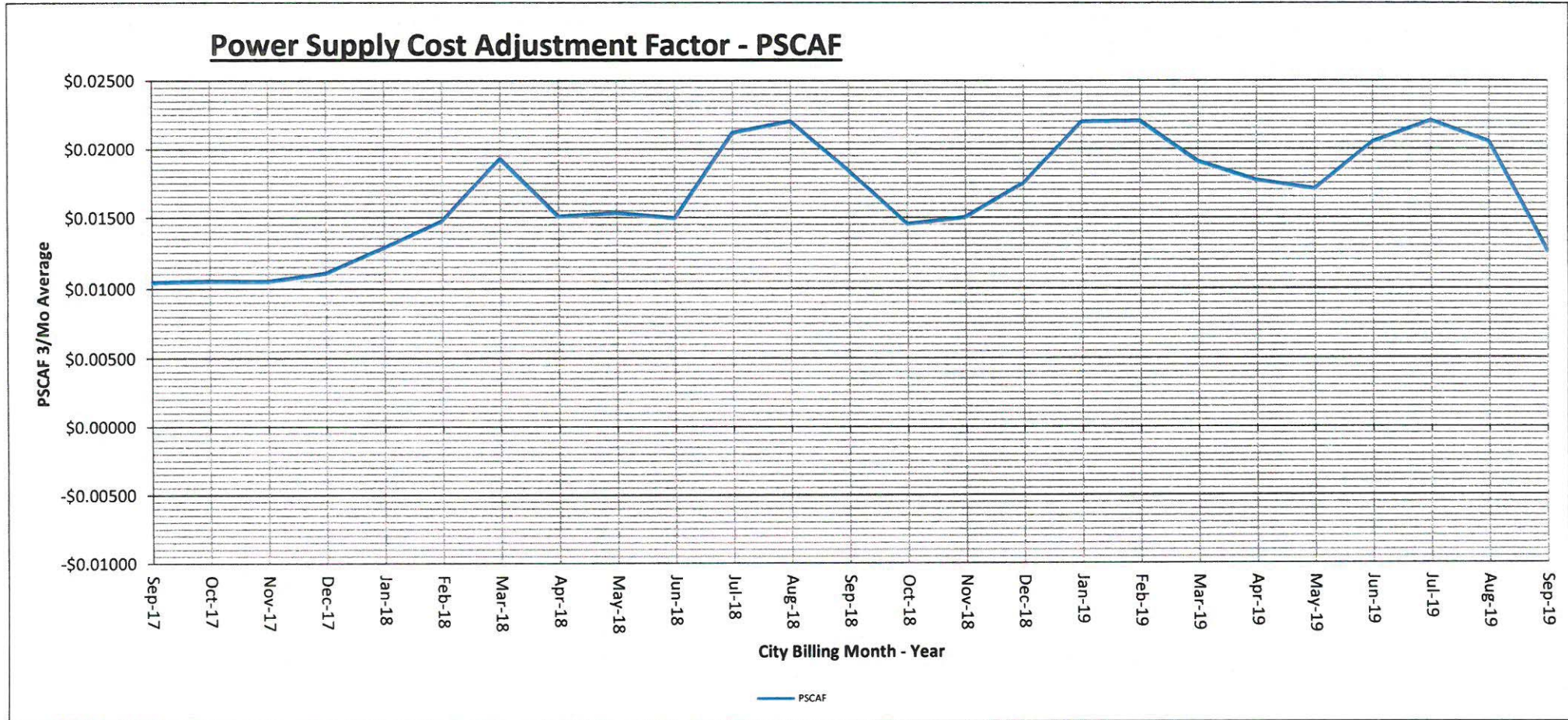
PSCAF - Preparers Signature:

Name - Kelly O'Boyle, Finance Director


 8/20/19
 Signature Date
PSCAF - Reviewers Signature:

Name - Lori A. Rausch, Utility Billing Administrator


 8/20/2019
 Signature Date



BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - SEPTEMBER, 2019

2019 - SEPTEMBER BILLING WITH JULY 2019 AMP BILLING PERIOD AND AUGUST 2019 CITY CONSUMPTION AND BILLING DATA

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

DATA PERIOD	MONTH / YR	DAYS IN MONTH	MUNICIPAL PEAK						
AMP-Ohio Bill Month	JULY, 2019	31	30.817						
City-System Data Month	AUGUST, 2019	31							
City-Monthly Billing Cycle	SEPTEMBER, 201	30							
=====CONTRACTED AND OPEN MARKET POWER=====									
==PEAKING==									
=====HYDRO POWER=====									
PURCHASED POWER-RESOURCES -> (	AMP CT	FREEMONT	PRAIRIE STATE	MORGAN STNLY.	NORTHERN	JV-2	AMP-HYDRO	MELDAHL-HYDRO	GREENUP HYDRO
(	SCHED. @ ATSI	ENERGY	SCHED. @ PJMC	REPLMNT. 2015-20	POWER	PEAKING	CSW	SCHED. @	SCHED. @
(	SCHED. @ ATSI	SCHEDULED	REPLMT@ PJMC	7x24 @ AD	POOL	SCHED. @ ATSI	SCHED. @ PJMC	MELDAHL BUS	GREENUP BUS
Delivered kWh (On Peak) ->	315,062	5,149,067	3,497,552	2,827,200	248,392	2,459	1,796,139	285,463	143,205
Delivered kWh (Off Peak) ->					64,791				
Delivered kWh (Replacement/Losses/Offset) ->									
Delivered kWh/Sale (Credits) ->					-1,919,116				
Net Total Delivered kWh as Billed ->	315,062	5,149,068	3,497,552	2,827,200	-1,605,933	2,459	1,796,139	285,463	143,205
Percent % of Total Power Purchased->	2.0369%	33.2891%	22.6119%	18.2780%	-10.3825%	0.0159%	11.6122%	1.8455%	0.9258%
COST OF PURCHASED POWER:									
DEMAND CHARGES (+Debits):									
Demand Charges	\$33,212.27	\$38,054.14	\$56,969.08			\$655.57	\$174,025.50	\$13,338.52	\$7,776.92
Debt Services (Principal & Interest)		\$43,488.86	\$112,073.04						
DEMAND CHARGES (-Credits):									
Transmission Charges (Demand-Credits)	-\$43,529.85					-\$823.90			
Capacity Credit	-\$32,957.19	-\$21,091.54	-\$11,239.22			-\$818.35	-\$3,400.86	-\$1,249.92	-\$659.41
Sub-Total Demand Charges	-\$43,274.77	\$60,451.46	\$157,802.90	\$0.00	\$0.00	-\$986.68	\$170,624.64	\$12,088.60	\$7,117.51
ENERGY CHARGES (+Debits):									
Energy Charges - (On Peak)	\$5,586.65	\$117,459.50	\$30,161.44	\$177,972.24	\$10,239.49		\$64,661.00	\$10,276.65	\$1,288.85
Energy Charges - (Replacement/Off Peak)					\$2,100.61				
Net Congestion, Losses, FTR		\$6,049.97	\$6,271.15	-\$379.45			\$3,232.55	-\$35.76	-\$127.50
Transmission Charges (Energy-Debits)			\$23,194.71						
ESPP Charges									
Bill Adjustments (General & Rate Levelization)		-\$164.02				\$357.81			
ENERGY CHARGES (-Credits or Adjustments):									
Energy Charges - On Peak (Sale or Rate Stabilization)					-\$49,792.63				
Net Congestion, Losses, FTR					\$5,751.20				
Bill Adjustments (General & Rate Levelization)			-\$18,537.03				-\$10,776.83	-\$1,712.78	-\$859.23
Sub-Total Energy Charges	\$5,586.65	\$123,345.45	\$41,090.27	\$177,592.79	-\$31,701.33	\$357.81	\$57,116.72	\$8,528.11	\$302.12
TRANSMISSION & SERVICE CHARGES, MISC.:									
RPM / PJM Charges Capacity - (+Debit)									
RPM / PJM Charges Capacity - (-Credit)									
Service Fees AMP-Dispatch Center - (+Debit/-Credit)									
Service Fees AMP-Part A - (+Debit/-Credit)									
Service Fees AMP-Part B - (+Debit/-Credit)									
Other Charges & Bill Adjustments - (+Debit/-Credit)									
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL NET COST OF PURCHASED POWER	-\$37,688.12	\$183,796.91	\$198,893.17	\$177,592.79	-\$31,701.33	-\$628.87	\$227,741.36	\$20,616.71	\$7,419.63
Percent % of Total Power Cost->	-3.2332%	15.7675%	17.0626%	15.2353%	-2.7196%	-0.0539%	19.5374%	1.7687%	0.6365%
Purchased Power Resources - Cost per kWh->	-\$0.119621	\$0.035695	\$0.056866	\$0.062816	-\$0.019740	-\$0.255742	\$0.126795	\$0.072222	\$0.051811

BILLING SUMMARY AND CONS

2019 - SEPTEMBER BILLING WITH JULY 2019 /

PREVIOUS MONTH'S POWER BILLS - PU

DATA PERIOD									
AMP-Ohio Bill Month									
City-System Data Month									
City-Monthly Billing Cycle									
	=====WIND=====			===SOLAR===	===TRANSMISSION, SERVICE FEES & MISC. CONTRACTS===				
(	NYPH	JV-5	JV-6	AMP SOLAR	EFFNCY.SMART	TRANSMISSION	SERVICE FEES	MISCELLANEOUS	TOTAL -
PURCHASED POWER-RESOURCES -> (	HYDRO	HYDRO	WIND	PHASE 1	POWER PLANT	CHARGES	DISPATCH, A & B	CHARGES &	ALL
(	SCHED. @ NYIS	7x24 @ ATSI	SCHED. @ ATSI	SCHED. @ ATSI	2017 - 2020	Other Charges	Other Charges	LEVELIZATION	RESOURCES
Delivered kWh (On Peak) ->	537,446	2,297,472	19,572	169,533	0	0	0	0	17,288,562
Delivered kWh (Off Peak) ->									64,791
Delivered kWh (Replacement/Losses/Offset) ->		33,518							33,518
Delivered kWh/Sale (Credits) ->									-1,919,116
Net Total Delivered kWh as Billed ->	537,446	2,330,990	19,572	169,533	0	0	0	0	15,467,755
Percent % of Total Power Purchased->	3.4746%	15.0700%	0.1265%	1.0960%	0.0000%	0.0000%	0.0000%	0.0000%	99.9999%
								Verification Total ->	100.0000%
COST OF PURCHASED POWER:									
DEMAND CHARGES (+Debits)									
Demand Charges	\$6,258.96	\$31,085.29	\$682.37			\$151,626.71			\$513,685.33
Debt Services (Principal & Interest)		\$55,367.84							\$210,929.74
DEMAND CHARGES (-Credits)									
Transmission Charges (Demand-Credits)		-\$15,367.71	-\$136.05	-\$2,890.30					-\$62,747.81
Capacity Credit	-\$2,851.75	-\$9,237.08	-\$234.83	-\$1,689.27					-\$85,429.42
Sub-Total Demand Charges	\$3,407.21	\$61,848.34	\$311.49	-\$4,579.57	\$0.00	\$151,626.71	\$0.00	\$0.00	\$576,437.84
ENERGY CHARGES (+Debits):									
Energy Charges - (On Peak)	\$8,924.24	\$40,968.29		\$6,493.12		\$5,897.71			\$479,929.18
Energy Charges - (Replacement/Off Peak)									\$2,100.61
Net Congestion, Losses, FTR	\$1,134.94								\$16,145.90
Transmission Charges (Energy-Debits)									\$23,194.71
ESPP Charges					\$16,959.16				\$16,959.16
Bill Adjustments (General & Rate Levelization)									\$193.79
ENERGY CHARGES (-Credits or Adjustments):									
Energy Charges - On Peak (Sale or Rate Stabilization)									-\$49,792.63
Net Congestion, Losses, FTR									\$5,751.20
Bill Adjustments (General & Rate Levelization)	\$728.42								-\$31,157.45
Sub-Total Energy Charges	\$10,787.60	\$40,968.29	\$0.00	\$6,493.12	\$16,959.16	\$5,897.71	\$0.00	\$0.00	\$463,324.47
TRANSMISSION & SERVICE CHARGES, MISC.:									
RPM / PJM Charges Capacity - (+Debit)						\$112,397.49			\$112,397.49
RPM / PJM Charges Capacity - (-Credit)									\$0.00
Service Fees AMP-Dispatch Center - (+Debit/-Credit)							\$247.77		\$247.77
Service Fees AMP-Part A - (+Debit/-Credit)							\$2,867.34		\$2,867.34
Service Fees AMP-Part B - (+Debit/-Credit)							\$9,000.43		\$9,000.43
Other Charges & Bill Adjustments - (+Debit/-Credit)								\$1,393.79	\$1,393.79
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$112,397.49	\$12,115.54	\$1,393.79	\$125,906.82
TOTAL NET COST OF PURCHASED POWER	\$14,194.81	\$102,816.63	\$311.49	\$1,913.55	\$16,959.16	\$269,921.91	\$12,115.54	\$1,393.79	\$1,165,669.13
Percent % of Total Power Cost->	1.2177%	8.8204%	0.0267%	0.1642%	1.4549%	23.1560%	1.0394%	0.1196%	100.000%
								Verification Total ->	\$1,165,669.13
Purchased Power Resources - Cost per kWh->	\$0.026412	\$0.044109	\$0.015915	\$0.011287	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.075361
									(Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWh) = JV2 Electric Service Rate ->
									(Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWh) = JV5 Electric Service Rate ->

**AMERICAN MUNICIPAL POWER, INC.**

1111 Schrock Rd, Suite 100

COLUMBUS, OHIO 43229

PHONE: (614) 540-1111

FAX: (614) 540-1078

City of Napoleon

Attn: Finance Director

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

Napoleon, Ohio 43545-0151

INVOICE NUMBER: 207102

INVOICE DATE: 8/15/2019

DUE DATE: 8/30/2019

TOTAL AMOUNT DUE: \$1,165,669.13

CUSTOMER NUMBER: 5020

CUSTOMER P.O. #: RG10046

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

Northern Power Pool Billing - July, 2019MUNICIPAL PEAK: 30,817 kW
TOTAL METERED ENERGY: 15,517,987 kWh

Total Power Charges:	\$882,237.89
Transmission / Capacity / Ancillary Services:	\$269,921.91
Total Other Charges:	\$12,115.54
Total Miscellaneous Charges:	\$1,393.79

GRAND TOTAL POWER INVOICE:

\$1,165,669.13

DETAIL INFORMATION OF POWER CHARGES July , 2019
Napoleon

FOR THE MONTH OF:	July, 2019	Total Metered Load kWh:	15,517,987
		Transmission Losses kWh:	-50,232
		Distribution Losses kWh:	0
		Total Energy Req. kWh:	15,467,755
TIME OF FENTS PEAK:	07/19/2019 @ H.E. 16:00	COINCIDENT PEAK kW:	29,749
TIME OF MUNICIPAL PEAK:	07/19/2019 @ H.E. 14:00	MUNICIPAL PEAK kW:	30,817
TRANSMISSION PEAK:	September 5, 2018 15:00	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:	\$0.017732	/ kWh *	315,062 kWh =	\$5,586.65
Transmission Credit:	\$3.510472	/ kW *	-12,400 kW =	-\$43,529.85
Capacity Credit:	\$2.657838	/ kW *	-12,400 kW =	-\$32,957.19
Subtotal			315,062 kWh =	-\$37,688.12
Fremont - sched @ Fremont				
Demand Charge:	\$4.340567	/ kW *	8,767 kW =	\$38,054.14
Energy Charge:	\$0.022812	/ kWh *	5,149,067 kWh =	\$117,459.50
Net Congestion, Losses, FTR:	\$0.001175	/ kWh *		\$6,049.97
Capacity Credit:	\$2.405763	/ kW *	-8,767 kW =	-\$21,091.54
Debt Service	\$4.960467	/ kW	8,767 kW	\$43,488.86
Adjustment for prior month:				-\$164.02
Subtotal			5,149,067 kWh =	\$183,796.91
AMP Hydro CSW - Sched @ PJMC				
Demand Charge:	\$49.750000	/ kW *	3,498 kW =	\$174,025.50
Energy Charge:	\$0.036000	/ kWh *	1,796,139 kWh =	\$64,661.00
Net Congestion, Losses, FTR:	\$0.001800	/ kWh *		\$3,232.55
Capacity Credit:	\$0.972230	/ kW *	-3,498 kW =	-\$3,400.86
REC Credit (Estimate)	-\$0.006000	/ kWh	1,796,139 kWh	-\$10,776.83
Subtotal			1,796,139 kWh =	\$227,741.36
Meldahl Hydro - Sched @ Meldahl Bus				
Demand Charge:	\$26.465317	/ kW *	504 kW =	\$13,338.52
Energy Charge:	\$0.036000	/ kWh *	285,463 kWh =	\$10,276.65
Net Congestion, Losses, FTR:	-\$0.000125	/ kWh *		-\$35.76
Capacity Credit:	\$2.480000	/ kW *	-504 kW =	-\$1,249.92
REC Credit (Estimate)	-\$0.006000	/ kWh *	285,463 kWh =	-\$1,712.78
Subtotal			285,463 kWh =	\$20,616.71
JV6 - Sched @ ATSI				
Demand Charge:	\$2.274567	/ kW *	300 kW =	\$682.37
Energy Charge:			19,572 kWh	
Transmission Credit:	\$0.453500	/ kW *	-300 kW =	-\$136.05
Capacity Credit:	\$0.782767	/ kW *	-300 kW =	-\$234.83
Subtotal			19,572 kWh =	\$311.49
Greenup Hydro - Sched @ Greenup Bus				
Demand Charge:	\$23.566424	/ kW *	330 kW =	\$7,776.92
Energy Charge:	\$0.009000	/ kWh *	143,205 kWh =	\$1,288.85
Net Congestion, Losses, FTR:	-\$0.000890	/ kWh *		-\$127.50
Capacity Credit:	\$1.998212	/ kW *	-330 kW =	-\$659.41
REC Credit (Estimate)	-\$0.006000	/ kWh *	143,205 kWh =	-\$859.23
Subtotal			143,205 kWh =	\$7,419.63
Prairie State - Sched @ PJMC				
Demand Charge:	\$11.448770	/ kW *	4,976 kW =	\$56,969.08
Energy Charge:	\$0.008624	/ kWh *	3,497,552 kWh =	\$30,161.44
Net Congestion, Losses, FTR:	\$0.001793	/ kWh *		\$6,271.15
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	\$0.006632	/ kWh	3,497,552 kWh	\$23,194.71
Board Approved Rate Levelization				-\$18,537.03
Subtotal			3,497,552 kWh =	\$198,893.17
NYPA - Sched @ NYIS				
Demand Charge:	\$6.658468	/ kW *	940 kW =	\$6,258.96
Energy Charge:	\$0.016605	/ kWh *	537,446 kWh =	\$8,924.24
Net Congestion, Losses, FTR:	\$0.002112	/ kWh *		\$1,134.94
Capacity Credit:	\$3.050000	/ kW *	-935 kW =	-\$2,851.75
Adjustment for prior month:				\$728.42
Subtotal			537,446 kWh =	\$14,194.81
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:	\$4.976590	/ kW *	-3,088 kW =	-\$15,367.71
Capacity Credit:	\$2.991282	/ kW *	-3,088 kW =	-\$9,237.08
Debt Service (current month)	\$17.930000	/ kW	3,088 kW	\$55,367.84
Subtotal			2,297,472 kWh =	\$102,816.63
JV5 Losses - Sched @ ATSI				
Energy Charge:			33,518 kWh	
Subtotal			33,518 kWh =	\$0.00
JV2 - Sched @ ATSI				
Demand Charge:	\$2.483220	/ kW *	264 kW =	\$655.57
Energy Charge:			2,459 kWh	
Transmission Credit:	\$3.120833	/ kW *	-264 kW =	-\$823.90

DETAIL INFORMATION OF POWER CHARGES July , 2019

Napoleon

Capacity Credit:	\$3.099811	/ kW *	-264 kW =	-\$818.35
JV2 Project Fuel Costs not recovered through Energy Sales to Market				\$357.81
Subtotal			2,459 kWh =	-\$628.87
AMP Solar Phase I - Sched @ ATSI				
Demand Charge:			1,040 kW	
Energy Charge:	\$0.038300	/ kWh *	169,533 kWh =	\$6,493.12
Transmission Credit:				-\$2,890.30
Capacity Credit:	\$1.624298	/ kW *	-1,040 kW =	-\$1,689.27
Subtotal			169,533 kWh =	\$1,913.55
Morgan Stanley 2015-2020 - 7x24 @ AD				
Demand Charge:			3,800 kW	
Energy Charge:	\$0.062950	/ kWh *	2,827,200 kWh =	\$177,972.24
Net Congestion, Losses, FTR:	-\$0.000134	/ kWh *		-\$379.45
Subtotal			2,827,200 kWh =	\$177,592.79
Efficiency Smart Power Plant 2017-2020				
ESPP 2017-2020 obligation @ \$1.400 /MWh x 145,364.3 MWh / 12				\$16,959.16
Subtotal			0 kWh =	\$16,959.16
Northern Power Pool:				
On Peak Energy Charge: (M-F HE 08-23 EDT)	\$0.041223	/ kWh *	248,392 kWh =	\$10,239.49
Off Peak Energy Charge:	\$0.032421	/ kWh *	64,791 kWh =	\$2,100.61
Sale of Excess Non-Pool Resources to Pool	\$0.025946	/ kWh *	-1,919,116 kWh =	-\$49,792.63
Pool Congestion Hedge				\$5,751.20
Subtotal	\$0.019740	/ kWh *	-1,605,933 kWh =	-\$31,701.33
Total Demand Charges:				\$425,168.94
Total Energy Charges:				\$457,068.95
Total Power Charges:			15,467,755 kWh	\$882,237.89
TRANSMISSION / CAPACITY / ANCILLARY SERVICES:				
Demand Charge:	\$4.976589	/ kW *	30,468 kW =	\$151,626.71
Energy Charge:	\$0.000448	/ kWh *	13,170,283 kWh =	\$5,897.71
RPM (Capacity) Charges:	\$3.740100	/ kW *	30,052 kW =	\$112,397.49
TRANSMISSION / CAPACITY / ANCILLARY SERVICES:	\$0.020495	/ kWh *	13,170,283 kWh =	\$269,921.91
Dispatch Center Charges:	\$0.000016	/ kWh *	15,517,987 kWh =	\$247.77
Service Fee Part A,				
Based on Annual Municipal Sales	\$0.000229	/ kWh *	150,253,707 kWh 1/12 =	\$2,867.34
Service Fee Part B,				
Energy Purchases	\$0.000580	/ kWh *	15,517,987 kWh =	\$9,000.43
TOTAL OTHER CHARGES:				\$12,115.54
MISCELLANEOUS CHARGES:				
Prior month adjustment				\$1,393.79
TOTAL MISCELLANEOUS CHARGES:				\$1,393.79
GRAND TOTAL POWER INVOICE:				\$1,165,669.13

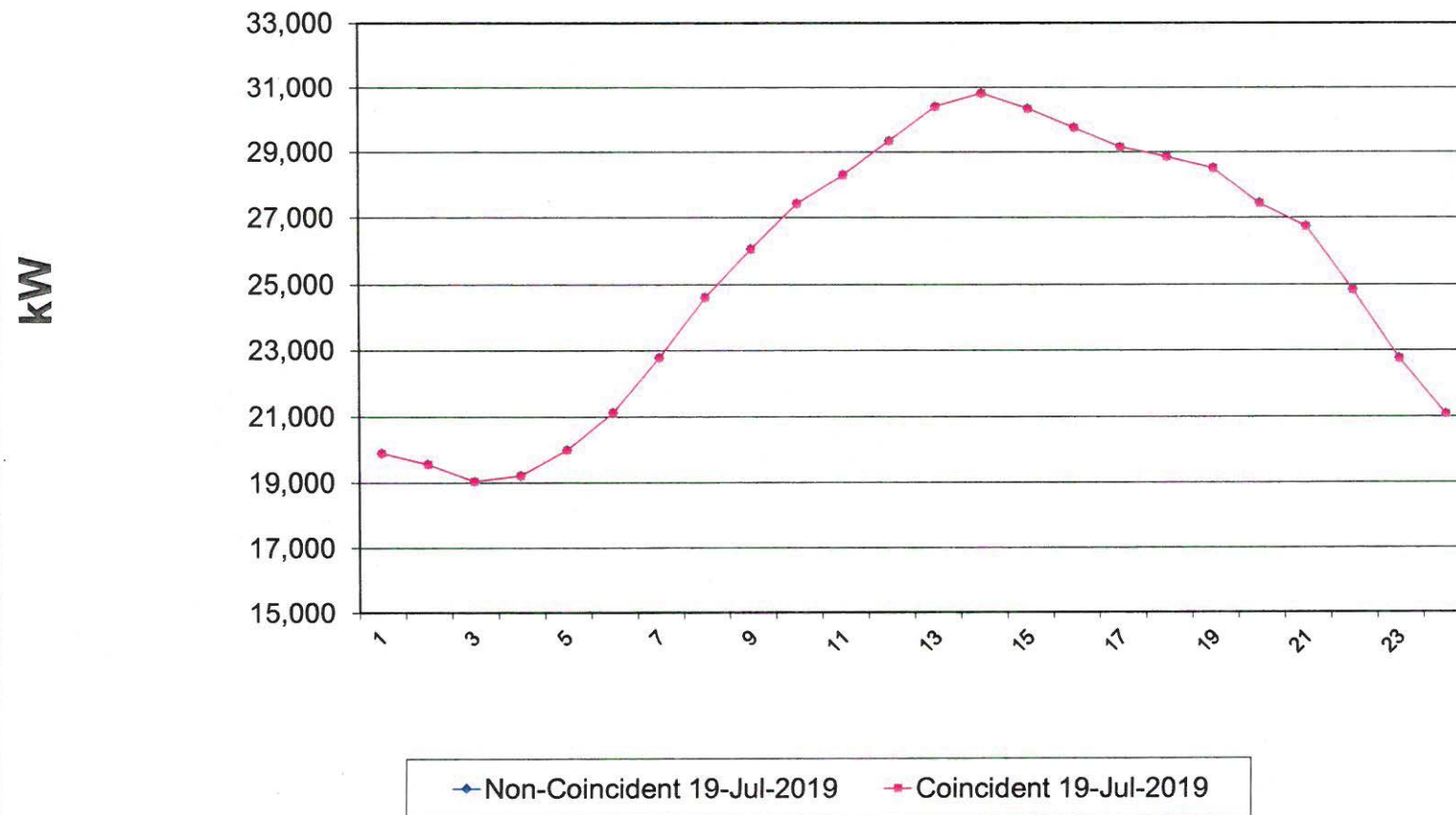
Napoleon Capacity Plan - Actual													
Jul	2019	ACTUAL DEMAND =		30.82	MW								
Days	31	ACTUAL ENERGY =		15,518	MWH								
	SOURCE	DEMAND MW	DEMAND MW-MO	ENERGY MWH	LOAD FACTOR	DEMAND RATE \$/KW	ENERGY RATE \$/MWH	CONGESTION/L OSSES \$/MWH	CAPACITY CREDIT RATE \$/KW	TRANSMISSION CREDIT RATE \$/KW	TOTAL CHARGES	EFFECTIVE RATE \$/MWH	% OF DOLLARS
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(16)	(17)	(18)
1	NYPA - Ohio	0.94	0.94	537	77%	\$7.43	\$16.60	\$2.11	-\$3.03		\$14,195	\$26.41	1.2%
2	JV5	3.09	3.09	2,297	100%	\$28.00	\$17.83	\$0.00	-\$2.99	-\$4.98	\$102,817	\$44.75	8.8%
3	JV5 Losses	0.00	0.00	34	0%						\$0		0.0%
4	JV6	0.30	0.30	20	9%	\$2.27			-\$0.45	-\$0.78	\$311	\$15.92	0.0%
5	AMP-Hydro	3.50	3.50	1,796	69%	\$49.75	\$30.00	\$1.80	-\$0.97		\$227,741	\$126.79	19.6%
6	Meldahl	0.50	0.50	285	76%	\$26.47	\$30.00	-\$0.13	-\$2.48		\$20,617	\$72.22	1.8%
7	Greenup	0.33	0.33	143	58%	\$23.57	\$3.00	-\$0.89	-\$2.00		\$7,420	\$51.81	0.6%
8	AFEC	8.77	8.77	5,149	79%	\$9.30	\$22.78	\$1.17	-\$2.41		\$183,797	\$35.70	15.8%
9	Prairie State	4.98	4.98	3,498	94%	\$33.97	\$9.96	\$1.79	-\$2.26		\$198,893	\$56.87	17.1%
10	AMP Solar Phase I	1.04	1.04	170	22%		\$38.30		-\$1.62	-\$2.78	\$1,914	\$11.29	0.2%
11	Morgan Stanley 2015-2020 7x24	3.80	3.80	2,827	100%		\$62.95	-\$0.13			\$177,593	\$62.82	15.3%
12	AMPCT	12.40	12.40	315	3%	\$2.68	\$17.73		-\$2.66	-\$3.51	-\$37,688	-\$119.62	-3.2%
13	JV2	0.26	0.26	2	1%	\$2.48	\$145.52		-\$3.10	-\$3.12	-\$629		-0.1%
14	NPP Pool Purchases	0.00	0.00	313	0%		\$62.44				\$19,556	\$62.44	1.7%
15	NPP Pool Sales	0.00		-1,919	0%		\$25.95				-\$49,793	\$25.95	-4.3%
	POWER TOTAL	39.91	39.91	15,468	52%	\$573,717	\$425,058	\$1.04	-\$85,331	-\$62,847	\$866,743	\$56.04	74.5%
16	Energy Efficiency			0							\$16,959		1.5%
17	Installed Capacity	30.05	30.05			\$3.74					\$112,397	\$7.24	9.7%
18	Transmission	30.47	30.47	13,170		\$4.98	\$0.45				\$157,524	\$10.15	13.5%
19	Service Fee B			15,518			\$0.58				\$9,000	\$0.58	0.8%
20	Dispatch Charge			15,518			\$0.02				\$248	\$0.02	0.0%
	OTHER TOTAL					\$264,024	\$32,105				\$296,129	\$19.08	25.5%
GRAND TOTAL PURCHASED				15,468							\$1,162,872		
Delivered to members		30.817	30.817	15,518	68%						\$1,162,872	\$74.94	100.0%
	2019 Forecast	DEMAND		ENERGY	L.F.						TOTAL \$	\$/MWh	Avg Temp
	2018 Actual	31.00		14,810	64%						\$1,168,087	\$78.87	73.5
	2017 Actual	30.60		15,271	67%						\$1,310,395	\$85.81	74.9
		30.58		14,611	64%						\$1,269,513	\$86.89	72.3
											Actual Temp		78.2

NAPOLEON

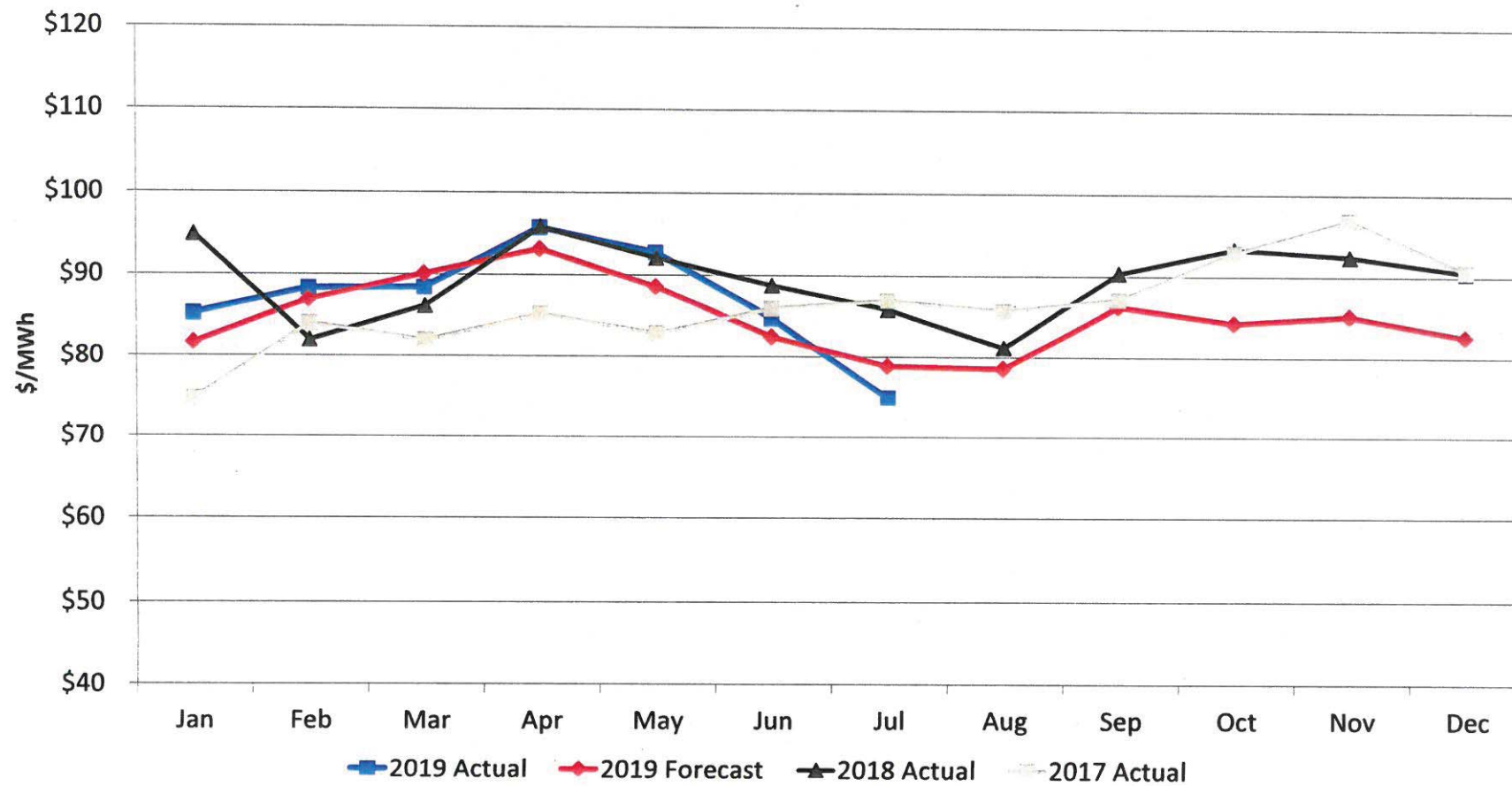
Date Hour	Monday 7/1/2019	Tuesday 7/2/2019	Wednesday 7/3/2019	Thursday 7/4/2019	Friday 7/5/2019	Saturday 7/6/2019	Sunday 7/7/2019	Monday 7/8/2019	Tuesday 7/9/2019	Wednesday 7/10/2019	Thursday 7/11/2019	Friday 7/12/2019	Saturday 7/13/2019	Sunday 7/14/2019	Monday 7/15/2019
100	17,195	20,214	18,806	15,091	17,013	17,043	15,405	15,271	15,373	16,704	19,845	17,623	14,654	16,684	17,549
200	16,596	19,522	18,108	14,541	15,995	16,211	14,631	14,896	14,853	16,114	18,882	16,785	13,969	15,842	16,831
300	16,163	18,514	17,317	13,948	15,136	15,500	13,887	14,308	14,498	15,459	18,114	15,949	13,514	15,066	16,199
400	16,208	18,302	17,340	13,770	14,909	15,104	13,500	14,397	14,644	15,499	18,070	15,850	13,437	14,563	16,346
500	16,609	18,806	18,264	13,738	15,335	14,947	13,289	14,581	15,121	15,965	18,514	16,123	13,606	14,375	16,830
600	17,693	19,344	19,070	13,478	15,570	14,843	13,089	15,582	15,742	16,780	19,479	16,627	13,701	13,939	17,949
700	19,427	21,235	20,460	14,358	17,011	15,424	13,432	17,444	17,177	18,606	20,975	18,001	14,438	14,324	20,001
800	21,049	23,410	21,957	15,857	18,875	17,098	13,816	18,684	18,379	20,438	22,726	19,311	15,893	15,930	21,751
900	22,468	24,901	22,826	17,502	20,887	18,993	14,012	19,171	19,426	22,205	24,103	20,289	17,342	17,169	23,589
1000	23,808	26,461	23,833	19,203	22,862	20,305	14,360	20,256	20,604	24,050	25,017	21,096	18,987	18,410	25,167
1100	25,343	27,782	25,030	20,540	24,152	20,986	14,628	20,972	21,527	25,511	26,143	21,901	20,112	19,456	26,639
1200	26,582	29,187	26,214	21,614	25,088	22,133	15,320	21,930	22,495	26,532	26,950	22,813	21,019	20,497	27,866
1300	27,813	29,288	26,993	21,789	25,591	21,466	15,697	22,847	23,003	27,313	27,395	23,593	21,877	21,440	29,082
1400	28,289	27,189	27,078	21,838	25,834	19,643	15,721	23,305	23,999	28,041	27,649	23,932	22,459	22,099	29,362
1500	28,379	27,206	27,058	22,262	25,728	20,394	16,740	23,458	24,556	28,154	27,748	23,821	22,902	22,776	29,050
1600	28,192	28,517	25,557	22,669	25,420	21,088	18,155	23,638	24,814	28,252	27,356	23,787	23,384	23,390	27,975
1700	28,226	27,048	25,332	23,023	25,274	21,404	18,908	23,632	24,945	27,892	26,943	23,492	23,623	23,976	28,396
1800	28,137	26,436	25,329	22,970	24,817	21,101	19,369	23,164	24,904	28,348	26,435	23,199	23,669	24,256	28,695
1900	27,504	26,828	24,895	23,098	23,852	20,189	18,705	22,319	23,945	28,028	25,552	22,720	23,298	23,969	27,789
2000	26,897	24,913	23,962	22,176	22,735	19,289	18,365	21,459	22,913	26,727	24,648	21,757	22,740	23,300	26,715
2100	26,067	23,764	23,145	21,279	21,989	18,926	18,130	20,769	22,202	25,256	23,852	21,031	22,193	22,579	25,787
2200	24,585	22,809	21,044	20,021	20,803	18,154	17,398	19,350	20,782	23,818	22,431	19,477	21,093	21,135	24,248
2300	23,175	21,249	18,584	19,748	19,490	17,011	16,435	17,920	19,355	22,331	20,696	17,147	19,496	20,250	23,007
2400	21,659	20,107	16,546	18,136	18,288	15,898	15,948	16,824	18,068	20,969	19,052	15,832	17,992	18,918	21,493
Total	558,064	573,032	534,748	452,649	502,654	443,150	378,940	466,177	483,365	548,992	558,575	482,156	455,398	464,343	568,316

Date Hour	Tuesday 7/16/2019	Wednesday 7/17/2019	Thursday 7/18/2019	Friday 7/19/2019	Saturday 7/20/2019	Sunday 7/21/2019	Monday 7/22/2019	Tuesday 7/23/2019	Wednesday 7/24/2019	Thursday 7/25/2019	Friday 7/26/2019	Saturday 7/27/2019	Sunday 7/28/2019	Monday 7/29/2019	Tuesday 7/30/2019	Wednesday 7/31/2019
100	20,220	18,477	20,256	19,898	19,953	17,027	16,325	15,644	15,320	15,341	16,572	14,105	14,816	18,155	16,805	17,808
200	19,570	18,097	19,564	19,566	19,359	16,361	15,720	15,183	14,925	15,028	15,789	13,619	14,251	17,548	16,533	17,065
300	18,971	17,604	18,883	19,033	18,793	15,777	15,338	14,685	14,484	14,588	15,097	13,288	13,861	16,991	16,226	16,062
400	18,976	17,663	18,845	19,207	18,405	15,644	15,671	14,788	14,682	14,770	15,225	13,201	13,656	16,946	16,458	16,103
500	19,543	18,312	19,503	19,991	18,132	15,727	16,474	15,472	15,518	15,639	16,210	13,483	13,635	17,859	17,280	16,861
600	20,476	19,545	20,349	21,122	17,793	15,916	17,909	16,331	16,077	16,368	16,819	13,690	13,970	18,886	18,251	17,708
700	21,808	20,854	22,026	22,758	18,244	16,476	18,823	17,690	17,229	17,370	17,906	14,338	14,480	20,278	19,481	18,711
800	23,135	22,001	24,219	24,602	19,312	17,740	19,896	18,898	18,512	18,440	19,414	15,958	15,876	22,257	21,028	20,000
900	23,680	22,830	25,686	26,047	20,654	19,129	20,930	19,511	19,300	19,353	20,310	17,671	17,695	23,521	22,452	20,850
1000	24,237	24,005	26,735	27,420	21,551	20,704	21,518	20,020	19,761	20,056	21,484	18,810	19,196	24,949	23,643	21,323
1100	24,817	25,167	27,868	28,299	22,383	21,777	22,227	20,544	20,164	20,780	22,449	20,007	20,069	25,963	24,733	22,128
1200	26,102	26,370	28,589	29,339	23,627	22,967	22,682	20,970	20,777	21,723	23,673	20,381	21,148	27,086	25,600	23,071
1300	27,047	27,094	29,175	30,408	24,945	23,843	22,853	21,487	21,081	22,612	24,318	20,972	22,813	27,677	25,892	23,831
1400	26,704	27,597	28,364	30,817	25,575	24,681	22,943	21,575	21,425	23,304	24,387	21,296	23,014	27,476	26,333	24,247
1500	26,240	27,936	25,781	30,346	26,661	25,152	22,531	21,676	21,487	23,190	24,268	21,519	23,383	26,541	25,453	23,943
1600	26,117	27,932	25,086	29,749	26,365	25,176	22,284	21,534	21,390	22,810	23,889	21,880	23,814	24,310	26,529	23,928
1700	25,804	27,719	25,932	29,148	26,565	24,319	21,554	21,167	21,144	22,656	23,348	21,970	24,033	23,969	27,104	23,703
1800	26,474	28,205	25,580	28,853	26,448	22,520	21,031	20,982	20,788	22,753	22,849	21,851	24,389	23,298	26,022	23,527
1900	25,168	27,404	25,072	28,509	25,740	21,548	20,653	20,207	20,384	22,171	21,835	21,004	23,738	21,239	25,252	22,822
2000	23,794	26,712	24,628	27,437	23,451	21,507	19,797	19,556	19,697	21,521	21,050	20,193	22,667	20,908	24,179	21,854
2100	23,031	26,128	24,131	26,736	22,321	20,471	19,361	19,032	19,156	21,071	20,464	19,640	22,332	20,496	23,322	21,177
2200	21,629	24,802	22,923	24,839	20,839	19,320	17,988	17,715	18,088	19,881	18,951	18,356	21,114	19,472	21,724	19,547
2300	20,352	23,195	21,690	22,752	19,429	18,519	17,108	16,866	17,133	18,700	16,469	16,942	20,259	18,566	20,397	18,410
2400	19,397	21,689	20,803	21,089	18,076	17,388	16,345	16,136	16,265	17,598	15,060	15,643	19,043	17,616	19,004	17,403
Total	553,292	545,649	571,688	607,965	524,621	479,689	467,961	447,669	444,787	467,723	477,836	429,817	463,252	522,007	529,701	492,082
											Maximum	30,817	Minimum	13,089	Grand Total	15,517,987

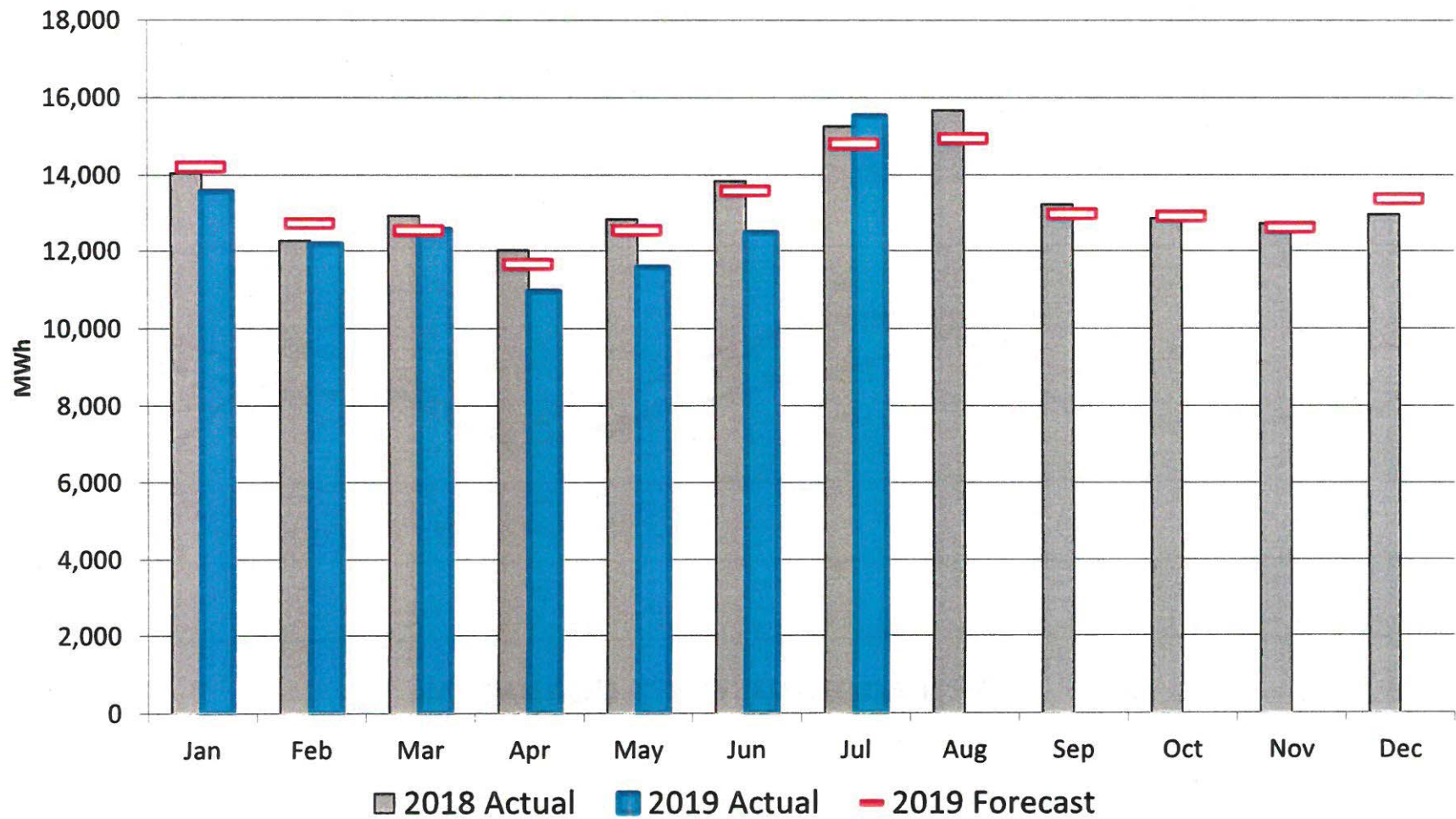
Napoleon Peak Day Load Curve



Napoleon 2019 Monthly Rates



Napoleon 2019 Monthly Energy Usage



RATE REVIEW COMPARISONS - Current to Prior Month and Prior Year

2019 SEPTEMBER BILLING - ELECTRIC PSCAF - BILLING COMPARISONS TO PRIOR PERIODS

Rate Comparisons to Prior Month and Prior Year for Same Period

Customer Type	Service Usage	Service Units	Current September 2019 Rate	Prior Month August 2019 Rate	Prior Year September 2018 Rate	Service Usage	Service Units	Current September 2019 Rate	Prior Month August 2019 Rate	Prior Year September 2018 Rate
<u>Customer Type -></u>			RESIDENTIAL USER - (w/Gas Heat)			RESIDENTIAL USER - (All Electric)				
Customer Charge			\$6.00	\$6.00	\$6.00			\$6.00	\$6.00	\$6.00
Distribution Energy Charge			\$20.93	\$20.93	\$20.93			\$33.39	\$33.39	\$33.39
Distribution Demand Charge										
Power Supply Energy Charge	978	kWh	\$71.20	\$71.20	\$71.20	1,976	kWh	\$143.85	\$143.85	\$143.85
Power Supply Demand Charge										
PSCAF - Monthly Factor	978	kWh	\$12.27	\$20.05	\$14.67	1,976	kWh	\$24.80	\$40.51	\$29.64
kWh Tax- Level 1	978	kWh	\$4.55	\$4.55	\$4.55	1,976	kWh	\$9.19	\$9.19	\$9.19
kWh Tax- Level 2										
kWh Tax- Level 3										
Total Electric			\$114.95	\$122.73	\$117.35			\$217.23	\$232.94	\$222.07
Water	6	CCF	\$55.35	\$55.35	\$50.55	11	CCF	\$91.89	\$91.89	\$83.14
Sewer (w/Stm.Sew. & Lat.)	6	CCF	\$74.13	\$74.13	\$70.89	11	CCF	\$104.83	\$104.83	\$98.89
Storm Water (Rate/ERU)			\$9.50	\$9.50	\$9.50			\$9.50	\$9.50	\$9.50
Refuse (Rate/Service)			\$18.00	\$18.00	\$18.00			\$18.00	\$18.00	\$18.00
Sub-Other Services			\$156.98	\$156.98	\$148.94			\$224.22	\$224.22	\$209.53
Total Billing - All Services			\$271.93	\$279.71	\$266.29			\$441.45	\$457.16	\$431.60
Verification Totals->			\$271.93	\$279.71	\$266.29			\$441.45	\$457.16	\$431.60
				<u>Cr.Mo to Pr.Mo</u>	<u>Cr.Yr to Pr.Yr</u>				<u>Cr.Mo to Pr.Mo</u>	<u>Cr.Yr to Pr.Yr</u>
Dollar Chg.to Prior Periods				-\$7.78	\$5.64				-\$15.71	\$9.85
% Inc/Dec(-) to Prior Periods				-2.78%	2.12%				-3.44%	2.28%
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Cost/kWh - Electric	978	kWh	\$0.11754	\$0.12549	\$0.11999	1,976	kWh	\$0.10993	\$0.11788	\$0.11238
% Inc/Dec(-) to Prior Periods				-6.34%	-2.04%				-6.74%	-2.18%
Cost/CCF - Water	6	CCF	\$9.22500	\$9.22500	\$8.42500	11	CCF	\$8.35364	\$8.35364	\$7.55818
Cost/GALLONS - Water	4,488	GAL	\$0.01233	\$0.01233	\$0.01126	8,229	GAL	\$0.01117	\$0.01117	\$0.01010
% Inc/Dec(-) to Prior Periods				0.00%	9.50%				0.00%	10.52%
Cost/CCF - Sewer	6	CCF	\$12.35500	\$12.35500	\$11.81500	11	CCF	\$9.53000	\$9.53000	\$8.99000
Cost/GALLON - Sewer	4,488	GAL	\$0.01652	\$0.01652	\$0.01580	8,229	GAL	\$0.01274	\$0.01274	\$0.01202
% Inc/Dec(-) to Prior Periods				0.00%	4.57%				0.00%	6.01%
(Listed Accounts Assume SAME USAGE for kWh and Water (CCF) for All Billing Periods)										
(One "1" Unit CCF of Water = "Hundred Cubic Foot" = 748.05 Gallons)										

RATE REVIEW COMPARISONS - Current to Prior Month and Prior Year

2019 SEPTEMBER BILLING -

Rate Comparisons to Prior Month a

			Current	Prior Month	Prior Year			Current	Prior Month	Prior Year	
	Service	Service	September	August	September		Service	Service	September	Prior Month	Prior Year
Customer Type	Usage	Units	2019 Rate	2019 Rate	2018 Rate		Usage	Units	2019 Rate	2019 Rate	2018 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	\$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	\$88.35	\$144.32	\$105.60			\$10,326.18	\$16,867.46	\$12,342.05	
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			\$890.73	\$946.70	\$907.98	\$78,560.91			\$85,102.19	\$80,576.78	
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			\$1,287.59	\$1,343.56	\$1,270.69	\$82,929.21			\$89,470.49	\$84,565.18	
Verification Totals->			\$1,287.59	\$1,343.56	\$1,270.69	\$82,929.21			\$89,470.49	\$84,565.18	
				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				-\$55.97	\$16.90				-\$6,541.28	-\$1,635.97	
% Inc/Dec(-) to Prior Periods				-4.17%	1.33%				-7.31%	-1.93%	
=====											
Cost/kWH - Electric	7,040	kWh	\$0.12652	\$0.13447	\$0.12897	866,108	kWh	\$0.09071	\$0.09826	\$0.09303	
% Inc/Dec(-) to Prior Periods				-5.91%	-1.90%				-7.68%	-2.49%	
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 - SEPTEMBER, 2019

JULY, 2019

2019 - SEPTEMBER BILLING WITH JULY 2019 AMP BILLING PERIOD AND AUGUST 2019 CITY CONSUMPTION AND BILLING DATA

Class and/or Schedule	Rate Code	Aug-19		Aug-19		Billed kVA of Demand	Cost / kWh		Prior 12 Mo Average	Sep-18		Cost / kWh	Oct-18		Cost / kWh
		# of Bills	(kWh Usage)	Billed	Billed		For Month			# of Bills	(kWh Usage)	Billed	For Month		
Residential (Dom-In)	E1	3,346	2,732,680	\$346,222.17	0	\$0.1267	\$0.1264	3,350	3,081,597	\$381,317.28	\$0.1237	3,337	3,092,403	\$370,556.00	\$0.1198
Residential (Dom-In) w/Ecosmart	E1E	7	5,114	\$652.39	0	\$0.1276	\$0.1290	8	6,146	\$768.44	\$0.1250	8	6,413	\$774.97	\$0.1208
Residential (Dom-In - All Electric)	E2	632	440,183	\$56,326.12	0	\$0.1280	\$0.1248	612	480,532	\$59,991.48	\$0.1248	606	477,141	\$57,716.13	\$0.1210
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	834	\$105.55	0	\$0.1266	\$0.1273	1	944	\$116.65	\$0.1236	1	882	\$105.98	\$0.1202
Total Residential (Domestic)		3,986	3,178,811	\$403,306.23	0	\$0.1269	\$0.1261	3,971	3,569,219	\$442,193.85	\$0.1239	3,952	3,576,839	\$429,153.08	\$0.1200
Residential (Rural-Out)	ER1	786	867,108	\$115,416.57	0	\$0.1331	\$0.1324	785	891,997	\$116,624.29	\$0.1307	783	876,121	\$111,314.51	\$0.1271
Residential (Rural-Out) w/Ecosmart	ER1E	4	3,894	\$523.03	0	\$0.1343	\$0.1352	4	3,606	\$479.65	\$0.1330	4	3,496	\$452.74	\$0.1295
Residential (Rural-Out - All Electric)	ER2	367	424,736	\$56,355.32	0	\$0.1327	\$0.1308	373	461,395	\$59,978.41	\$0.1300	372	450,295	\$56,878.39	\$0.1263
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	1,219	\$171.23	0	\$0.1405	\$0.1315	2	2,179	\$285.67	\$0.1311	2	1,978	\$253.52	\$0.1282
Residential (Rural-Out w/Dmd)	ER3	15	19,604	\$2,578.69	161	\$0.1315	\$0.1265	16	22,592	\$2,912.12	\$0.1289	16	18,482	\$2,340.33	\$0.1266
Residential (Rural-Out - All Electric w/Dmd)	ER4	9	8,355	\$1,126.27	48	\$0.1348	\$0.1300	9	9,780	\$1,281.92	\$0.1311	9	8,778	\$1,125.87	\$0.1283
Total Residential (Rural)		1,183	1,324,916	\$176,171.11	209	\$0.1330	\$0.1316	1,189	1,391,549	\$181,562.06	\$0.1305	1,186	1,359,150	\$172,365.36	\$0.1268
Commercial (1 Ph-In - No Dmd)	EC2	73	28,115	\$4,736.29	0	\$0.1685	\$0.1611	73	38,745	\$6,108.85	\$0.1577	74	38,826	\$5,982.15	\$0.1541
Commercial (1 Ph-Out - No Dmd)	EC2O	50	8,740	\$1,799.65	0	\$0.2059	\$0.1939	48	7,906	\$1,644.36	\$0.2080	48	7,432	\$1,551.72	\$0.2088
Total Commercial (1 Ph) No Dmd		123	36,855	\$6,535.94	0	\$0.1773	\$0.1687	121	46,651	\$7,753.21	\$0.1662	122	46,258	\$7,533.87	\$0.1629
Commercial (1 Ph-In - w/Demand)	EC1	260	316,168	\$49,374.46	1891	\$0.1562	\$0.1530	262	398,500	\$59,217.68	\$0.1486	262	448,290	\$63,411.55	\$0.1415
Commercial (1 Ph-Out - w/Demand)	EC1O	24	40,570	\$5,959.69	186	\$0.1469	\$0.1414	25	52,396	\$7,170.55	\$0.1369	25	50,388	\$6,718.61	\$0.1333
Total Commercial (1 Ph) w/Demand		284	356,738	\$55,334.15	2,077	\$0.1551	\$0.1516	287	450,896	\$66,388.23	\$0.1472	287	498,678	\$70,130.16	\$0.1406
Commercial (3 Ph-Out - No Dmd)	EC4O	2	80	\$46.97	7	\$0.5871	\$0.1489	2	40	\$41.40	\$1.0350	2	40	\$41.25	\$1.0313
Total Commercial (3 Ph) No Dmd		2	80	\$46.97	7	\$0.5871	\$0.1489	2	40	\$41.40	\$1.0350	2	40	\$41.25	\$1.0313
Commercial (3 Ph-In - w/Demand)	EC3	216	1,921,250	\$260,730.87	6759	\$0.1357	\$0.1358	205	1,852,442	\$246,545.64	\$0.1331	207	1,898,554	\$247,165.96	\$0.1302
Commercial (3 Ph-Out - w/Demand)	EC3O	37	274,728	\$38,593.50	1281	\$0.1405	\$0.1363	37	302,193	\$41,843.55	\$0.1385	37	303,888	\$39,846.47	\$0.1311
Commercial (3 Ph-Out - w/Dmd.&Sub-St.)	E3SO	3	113,080	\$14,331.86	394	\$0.1267	\$0.1266	3	126,360	\$15,879.18	\$0.1257	3	122,920	\$14,951.02	\$0.1216
Commercial (3 Ph-In - w/Demand, No Ta)	EC3T	1	2,800	\$439.96	22	\$0.1571	\$0.1326	1	8,880	\$1,126.29	\$0.1268	1	8,040	\$998.75	\$0.1242
Total Commercial (3 Ph) w/Demand		257	2,311,858	\$314,096.19	8,456	\$0.1359	\$0.1354	246	2,289,875	\$305,394.66	\$0.1334	248	2,333,402	\$302,962.20	\$0.1298
Large Power (In - w/Dmd & Rct)	EL1	15	2,010,579	\$221,306.70	4338	\$0.1101	\$0.1089	20	2,452,238	\$263,428.77	\$0.1074	20	2,560,069	\$266,286.49	\$0.1040
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,027,578	\$108,238.53	2128	\$0.1053	\$0.1026	3	1,127,543	\$111,927.95	\$0.0993	3	1,114,476	\$107,148.68	\$0.0961
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	427,200	\$50,434.47	1067	\$0.1181	\$0.1115	1	507,600	\$54,558.29	\$0.1075	1	488,400	\$51,626.25	\$0.1057
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	79,464	\$15,662.73	567	\$0.1971	\$0.1637	2	80,800	\$13,357.94	\$0.1653	2	79,122	\$14,827.66	\$0.1874
Total Large Power		21	3,544,821	\$395,642.43	8,100	\$0.1116	\$0.1085	26	4,168,181	\$443,272.95	\$0.1063	26	4,242,067	\$439,889.08	\$0.1037
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	853,053	\$85,795.44	1672	\$0.1006	\$0.0983	1	1,140,164	\$108,239.67	\$0.0949	1	1,112,529	\$101,948.30	\$0.0916
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	694,184	\$79,070.77	1872	\$0.1139	\$0.1017	1	916,506	\$87,069.32	\$0.0950	1	920,929	\$88,265.27	\$0.0958
Total Industrial		2	1,547,237	\$164,866.21	3,544	\$0.1066	\$0.0998	2	2,056,670	\$195,308.99	\$0.0950	2	2,033,458	\$190,213.57	\$0.0935
Interdepartmental (In - No Dmd)	ED1	10	46,865	\$6,385.89	169	\$0.1363	\$0.1338	10	48,027	\$6,417.77	\$0.1336	10	27,285	\$3,867.27	\$0.1417
Interdepartmental (Out - w/Dmd)	ED2O	2	605	\$107.12	0	\$0.1771	\$0.2006	2	588	\$103.55	\$0.1761	2	387	\$74.91	\$0.1936
Interdepartmental (In - w/Dmd)	ED2	29	23,478	\$3,570.98	0	\$0.1521	\$0.1434	29	23,590	\$3,536.12	\$0.1499	28	20,986	\$3,091.87	\$0.1473
Interdepartmental (3Ph-In - w/Dmd)	ED3	10	149,378	\$19,861.26	528	\$0.1330	\$0.1300	10	154,527	\$20,179.18	\$0.1306	10	166,786	\$20,894.12	\$0.1253
Interdepartmental (Street Lights)	EDSL	6	21,490	\$2,073.47	0	\$0.0965	\$0.0946	7	63,071	\$5,868.82	\$0.0931	7	63,071	\$5,866.74	\$0.0930
Interdepartmental (Traffic Signals)	EDTS	8	1,281	\$118.45	0	\$0.0925	\$0.0925	8	1,615	\$149.33	\$0.0925	8	1,535	\$141.91	\$0.0924
Generators (JV2 Power Cost Only)	GJV2	1	15,267	\$341.06	32	\$0.0223	\$0.0000	1	14,354	\$311.19	\$0.0217	1	14,090	\$382.54	\$0.0271
Generators (JV5 Power Cost Only)	GJV5	0	0	\$0.00	0	\$0.0000	\$0.0000	1	6,673	\$144.67	\$0.0217	0	0	\$0.00	\$0.0000
Total Interdepartmental		66	258,364	\$32,458.23	729	\$0.1256	\$0.1223	68	312,445	\$36,710.63	\$0.1175	66	294,140	\$34,319.36	\$0.1167
SUB-TOTAL CONSUMPTION & DEMAND		5,924	12,559,680	\$1,548,457.46	23,122	\$0.1233	\$0.1205	5,912	14,285,526	\$1,678,625.98	\$0.1175	5,891	14,384,032	\$1,646,607.93	\$0.1145
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	\$1.92	0	\$0.0000	\$0.0000	2	0	\$1.91	\$0.0000	2	0	\$1.92	\$0.0000
Total Street Light Only		16	0	\$15.35	0	\$0.0000	\$0.0000	16	0	\$15.35	\$0.0000	16	0	\$15.35	\$0.0000
TOTAL CONSUMPTION & DEMAND		5,940	12,559,680	\$1,548,472.81	23,122	\$0.1233	\$0.1205	5,928	14,285,526	\$1,678,641.33	\$0.1175	5,907	14,384,032	\$1,646,623.28	\$0.1145

BILLING SUMMARY AND COM

JULY, 2019

2019 - SEPTEMBER BILLING WITH JULY 2019 AI

Class and/or Schedule	Rate Code	# of Bills	Nov-18 (kWh Usage)	Nov-18 Billed	Cost / kWh For Month	# of Bills	Dec-18 (kWh Usage)	Dec-18 Billed	Cost / kWh For Month	# of Bills	Jan-19 (kWh Usage)	Jan-19 Billed	Cost / kWh For Month	# of Bills	Feb-19 (kWh Usage)	Feb-19 Billed	Cost / kWh For Month
Residential (Dom-In)	E1	3,334	2,028,219	\$251,008.17	\$0.1238	3,338	1,889,216	\$239,798.19	\$0.1269	3,329	2,091,530	\$272,665.07	\$0.1304	3,340	2,274,677	\$294,991.21	\$0.1297
Residential (Dom-In) w/Ecosmart	E1E	8	4,070	\$511.40	\$0.1257	8	3,498	\$454.89	\$0.1300	8	3,404	\$459.27	\$0.1349	8	3,681	\$492.96	\$0.1339
Residential (Dom-In - All Electric)	E2	608	341,256	\$42,496.39	\$0.1245	607	462,715	\$57,459.73	\$0.1242	608	614,990	\$77,936.27	\$0.1267	610	676,299	\$85,395.38	\$0.1263
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	655	\$80.58	\$0.1230	1	488	\$62.77	\$0.1286	1	585	\$76.68	\$0.1311	1	480	\$64.01	\$0.1334
Total Residential (Domestic)		3,951	2,374,200	\$294,096.54	\$0.1239	3,954	2,355,917	\$297,775.58	\$0.1264	3,946	2,710,509	\$351,137.29	\$0.1295	3,959	2,955,137	\$380,943.56	\$0.1289
Residential (Rural-Out)	ER1	783	647,138	\$84,620.90	\$0.1308	777	708,091	\$93,471.61	\$0.1320	774	786,974	\$106,504.33	\$0.1353	777	887,650	\$119,215.41	\$0.1343
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,519	\$338.64	\$0.1344	4	2,889	\$389.65	\$0.1349	4	3,143	\$434.51	\$0.1382	4	3,880	\$527.26	\$0.1359
Residential (Rural-Out - All Electric)	ER2	373	341,672	\$44,238.91	\$0.1295	372	423,283	\$54,944.35	\$0.1298	371	481,455	\$64,120.63	\$0.1332	371	534,467	\$70,803.11	\$0.1325
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	1,457	\$192.74	\$0.1323	2	2,084	\$272.23	\$0.1306	2	2,654	\$353.13	\$0.1331	2	2,987	\$395.11	\$0.1323
Residential (Rural-Out w/Dmd)	ER3	16	19,264	\$2,441.54	\$0.1267	16	74,328	\$9,129.46	\$0.1228	16	157,138	\$19,780.75	\$0.1259	15	81,165	\$10,304.66	\$0.1270
Residential (Rural-Out - All Electric w/Dmd)	ER4	9	7,575	\$987.87	\$0.1304	9	26,753	\$3,321.60	\$0.1242	9	21,723	\$2,811.78	\$0.1294	9	12,300	\$1,634.32	\$0.1329
Total Residential (Rural)		1,187	1,019,625	\$132,820.60	\$0.1303	1,180	1,237,428	\$161,528.90	\$0.1305	1,176	1,453,087	\$194,005.13	\$0.1335	1,178	1,522,449	\$202,879.87	\$0.1333
Commercial (1 Ph-In - No Dmd)	EC2	73	31,927	\$5,082.08	\$0.1592	72	31,350	\$5,072.66	\$0.1618	72	33,835	\$5,516.43	\$0.1630	72	34,992	\$5,719.92	\$0.1635
Commercial (1 Ph-Out - No Dmd)	EC2O	48	7,158	\$1,519.28	\$0.2122	48	11,512	\$2,120.54	\$0.1842	50	14,955	\$2,644.10	\$0.1768	50	11,714	\$2,225.35	\$0.1900
Total Commercial (1 Ph) No Dmd		121	39,085	\$6,601.36	\$0.1689	120	42,862	\$7,193.20	\$0.1678	122	48,790	\$8,160.53	\$0.1673	122	46,706	\$7,945.27	\$0.1701
Commercial (1 Ph-In - w/Demand)	EC1	260	333,955	\$50,414.30	\$0.1510	261	301,216	\$47,256.04	\$0.1569	258	287,417	\$45,278.62	\$0.1575	258	307,384	\$48,124.40	\$0.1566
Commercial (1 Ph-Out - w/Demand)	EC1O	25	43,706	\$5,912.53	\$0.1353	26	42,048	\$5,891.05	\$0.1401	24	43,614	\$6,291.91	\$0.1443	24	49,827	\$7,283.21	\$0.1462
Total Commercial (1 Ph) w/Demand		285	377,661	\$56,326.83	\$0.1491	287	343,264	\$53,147.09	\$0.1548	282	331,031	\$51,570.53	\$0.1558	282	357,211	\$55,407.61	\$0.1551
Commercial (3 Ph-Out - No Dmd)	EC4O	2	80	\$46.53	\$0.5816	2	3,360	\$486.07	\$0.1447	2	18,800	\$2,635.31	\$0.1402	2	15,080	\$2,121.23	\$0.1407
Total Commercial (3 Ph) No Dmd		2	80	\$46.53	\$0.5816	2	3,360	\$486.07	\$0.1447	2	18,800	\$2,635.31	\$0.1402	2	15,080	\$2,121.23	\$0.1407
Commercial (3 Ph-In - w/Demand)	EC3	209	1,702,362	\$223,994.72	\$0.1316	207	1,489,381	\$201,812.93	\$0.1355	214	1,695,547	\$262,209.45	\$0.1546	214	1,695,558	\$232,874.42	\$0.1373
Commercial (3 Ph-Out - w/Demand)	EC3O	37	298,204	\$41,023.08	\$0.1376	37	478,436	\$61,911.19	\$0.1294	37	419,781	\$56,966.14	\$0.1357	37	346,175	\$47,574.03	\$0.1374
Commercial (3 Ph-Out - w/Dmd.&Sub-St.)	E3SO	3	105,920	\$13,083.62	\$0.1235	3	93,080	\$11,597.88	\$0.1246	3	95,160	\$12,496.97	\$0.1313	3	97,600	\$12,627.24	\$0.1294
Commercial (3 Ph-In - w/Demand, No Tax)	EC3T	1	7,320	\$925.93	\$0.1265	1	4,040	\$577.48	\$0.1429	1	1,680	\$235.69	\$0.1403	1	1,960	\$267.70	\$0.1366
Total Commercial (3 Ph) w/Demand		250	2,113,806	\$279,027.35	\$0.1320	248	2,064,937	\$275,899.48	\$0.1336	255	2,212,168	\$331,908.25	\$0.1500	255	2,141,293	\$293,343.39	\$0.1370
Large Power (In - w/Dmd & Rct)	EL1	20	2,330,080	\$248,092.31	\$0.1065	20	2,018,869	\$221,370.58	\$0.1097	15	1,597,489	\$180,631.84	\$0.1131	15	1,478,807	\$170,170.64	\$0.1151
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,093,394	\$107,573.02	\$0.0984	3	1,116,708	\$108,755.82	\$0.0974	3	1,025,490	\$110,924.41	\$0.1082	3	963,774	\$103,700.34	\$0.1076
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	471,600	\$51,894.73	\$0.1100	1	514,800	\$54,289.13	\$0.1055	1	469,200	\$52,762.88	\$0.1125	1	382,800	\$46,480.47	\$0.1214
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	82,736	\$14,921.36	\$0.1803	2	67,570	\$9,376.88	\$0.1388	2	58,800	\$6,223.37	\$0.1058	2	61,200	\$6,516.36	\$0.1065
Total Large Power		26	3,977,810	\$422,481.42	\$0.1062	26	3,717,947	\$393,792.41	\$0.1059	21	3,150,979	\$350,542.50	\$0.1112	21	2,886,581	\$326,867.81	\$0.1132
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,024,215	\$94,884.34	\$0.0926	1	1,028,639	\$99,197.67	\$0.0964	1	979,077	\$99,325.81	\$0.1014	1	756,625	\$80,906.51	\$0.1069
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	850,818	\$80,494.14	\$0.0946	1	860,021	\$83,657.45	\$0.0973	1	759,385	\$79,525.88	\$0.1047	1	709,545	\$75,871.03	\$0.1069
Total Industrial		2	1,875,033	\$175,378.48	\$0.0935	2	1,888,660	\$182,855.12	\$0.0968	2	1,738,462	\$178,851.69	\$0.1029	2	1,466,170	\$156,777.54	\$0.1069
Interdepartmental (In - No Dmd)	ED1	10	24,460	\$3,439.21	\$0.1406	9	30,855	\$4,238.59	\$0.1374	9	30,783	\$4,036.98	\$0.1311	10	36,732	\$4,838.55	\$0.1317
Interdepartmental (Out - w/Dmd)	ED2O	2	332	\$67.85	\$0.2044	2	263	\$59.43	\$0.2260	2	251	\$58.94	\$0.2348	2	289	\$64.23	\$0.2222
Interdepartmental (In - w/Dmd)	ED2	28	24,160	\$3,519.12	\$0.1457	27	50,475	\$7,088.03	\$0.1404	29	66,602	\$9,567.47	\$0.1437	29	75,208	\$10,762.28	\$0.1431
Interdepartmental (3Ph-In - w/Dmd)	ED3	10	140,597	\$17,423.92	\$0.1239	10	144,770	\$18,717.77	\$0.1293	10	147,035	\$19,433.31	\$0.1322	10	152,446	\$20,037.67	\$0.1314
Interdepartmental (Street Lights)	EDSL	7	63,071	\$5,867.80	\$0.0930	5	14,659	\$1,417.65	\$0.0967	5	14,608	\$1,408.20	\$0.0964	5	18,020	\$1,729.62	\$0.0960
Interdepartmental (Traffic Signals)	EDTS	8	1,563	\$144.53	\$0.0925	8	1,746	\$161.41	\$0.0924	8	1,606	\$148.50	\$0.0925	8	1,749	\$161.72	\$0.0925
Generators (JV2 Power Cost Only)	GJV2	1	15,181	\$404.57	\$0.0266	1	18,406	\$642.92	\$0.0349	1	19,321	\$700.19	\$0.0362	1	19,808	\$584.93	\$0.0295
Generators (JV5 Power Cost Only)	GJV5	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000
Total Interdepartmental		66	269,364	\$30,867.00	\$0.1146	62	261,174	\$32,325.80	\$0.1238	64	280,206	\$35,353.59	\$0.1262	65	304,252	\$38,179.00	\$0.1255
SUB-TOTAL CONSUMPTION & DEMAND		5,890	12,046,664	\$1,397,646.11	\$0.1160	5,881	11,915,549	\$1,405,003.85	\$0.1179	5,870	11,944,032	\$1,504,164.82	\$0.1259	5,886	11,694,879	\$1,464,465.28	\$0.1252
Street Lights (In)	SLO	14	0	\$13.43	\$0.0000	14	0	\$13.44	\$0.0000	14	0	\$13.43	\$0.0000	14	0	\$13.44	\$0.0000
Street Lights (Out)	SLOO	2	0	\$1.91	\$0.0000	2	0	\$1.91	\$0.0000	2	0	\$1.91	\$0.0000	2	0	\$1.92	\$0.0000
Total Street Light Only		16	0	\$15.34	\$0.0000	16	0	\$15.35	\$0.0000	16	0	\$15.34	\$0.0000	16	0	\$15.36	\$0.0000
TOTAL CONSUMPTION & DEMAND		5,906	12,046,664	\$1,397,661.45	\$0.1160	5,897	11,915,549	\$1,405,019.00	\$0.1179	5,886	11,944,032	\$1,504,180.16	\$0.1259	5,902	11,694,879	\$1,464,480.64	\$0.1252

BILLING SUMMARY AND COM

JULY, 2019

2019 - SEPTEMBER BILLING WITH JULY 2019 AI

Class and/or Schedule	Rate Code	Mar-19				Apr-19				May-19				Jun-19			
		# of Bills	Mar-19 (kWh Usage)	Mar-19 Billed	Cost / kWh For Month	# of Bills	Apr-19 (kWh Usage)	Apr-19 Billed	Cost / kWh For Month	# of Bills	May-19 (kWh Usage)	May-19 Billed	Cost / kWh For Month	# of Bills	Jun-19 (kWh Usage)	Jun-19 Billed	Cost / kWh For Month
Residential (Dom-In)	E1	3,333	2,465,436	\$310,648.89	\$0.1260	3,342	2,035,692	\$257,277.91	\$0.1264	3,344	1,923,171	\$242,954.41	\$0.1263	3,339	1,637,164	\$215,454.91	\$0.1316
Residential (Dom-In) w/Ecosmart	E1E	8	3,762	\$491.53	\$0.1307	8	3,079	\$406.83	\$0.1321	8	3,052	\$401.71	\$0.1316	8	2,976	\$403.19	\$0.1355
Residential (Dom-In - All Electric)	E2	610	833,025	\$101,831.08	\$0.1222	620	672,647	\$82,084.80	\$0.1220	621	557,529	\$68,338.87	\$0.1226	629	394,726	\$50,889.72	\$0.1289
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	526	\$68.02	\$0.1293	1	508	\$65.20	\$0.1283	1	457	\$58.97	\$0.1290	1	458	\$60.66	\$0.1324
Total Residential (Domestic)		3,952	3,302,749	\$413,039.52	\$0.1251	3,971	2,711,926	\$339,834.74	\$0.1253	3,974	2,484,209	\$311,753.96	\$0.1255	3,977	2,035,324	\$266,808.48	\$0.1311
Residential (Rural-Out)	ER1	777	961,894	\$125,641.90	\$0.1306	776	794,190	\$104,015.97	\$0.1310	776	699,983	\$92,162.85	\$0.1317	778	617,058	\$84,339.73	\$0.1367
Residential (Rural-Out) w/Ecosmart	ER1E	4	3,702	\$493.87	\$0.1334	4	3,058	\$410.74	\$0.1343	4	2,544	\$346.81	\$0.1363	4	2,319	\$327.68	\$0.1413
Residential (Rural-Out - All Electric)	ER2	371	609,784	\$78,413.48	\$0.1286	370	498,088	\$64,053.38	\$0.1286	370	416,573	\$53,930.58	\$0.1295	370	347,201	\$46,775.22	\$0.1347
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2	3,344	\$429.97	\$0.1286	2	2,955	\$378.26	\$0.1280	2	2,425	\$312.46	\$0.1288	2	1,967	\$264.01	\$0.1342
Residential (Rural-Out w/Dmd)	ER3	15	48,348	\$6,061.31	\$0.1254	15	25,173	\$3,197.46	\$0.1270	15	26,458	\$3,336.23	\$0.1261	15	23,350	\$3,042.66	\$0.1303
Residential (Rural-Out - All Electric w/Dm	ER4	9	11,570	\$1,508.08	\$0.1303	9	10,622	\$1,377.53	\$0.1297	9	9,409	\$1,224.75	\$0.1302	9	7,985	\$1,080.63	\$0.1353
Total Residential (Rural)		1,178	1,638,642	\$212,548.61	\$0.1297	1,176	1,334,086	\$173,433.34	\$0.1300	1,176	1,157,392	\$151,313.68	\$0.1307	1,178	999,880	\$135,829.93	\$0.1358
Commercial (1 Ph-In - No Dmd)	EC2	72	38,814	\$6,133.79	\$0.1580	72	31,999	\$5,166.30	\$0.1615	72	31,882	\$5,130.75	\$0.1609	72	31,708	\$5,216.75	\$0.1645
Commercial (1 Ph-Out - No Dmd)	EC2O	50	14,161	\$2,522.55	\$0.1781	50	11,118	\$2,094.53	\$0.1884	50	9,408	\$1,858.70	\$0.1976	50	8,791	\$1,806.71	\$0.2055
Total Commercial (1 Ph) No Dmd		122	52,975	\$8,656.34	\$0.1634	122	43,117	\$7,260.83	\$0.1684	122	41,290	\$6,989.45	\$0.1693	122	40,499	\$7,023.46	\$0.1734
Commercial (1 Ph-In - w/Demand)	EC1	258	330,566	\$49,985.17	\$0.1512	259	299,031	\$45,856.29	\$0.1533	260	309,521	\$46,731.05	\$0.1510	260	267,791	\$42,762.13	\$0.1597
Commercial (1 Ph-Out - w/Demand)	EC1O	24	46,986	\$6,633.96	\$0.1412	24	41,830	\$5,894.91	\$0.1409	24	43,432	\$6,099.39	\$0.1404	24	39,876	\$5,796.90	\$0.1454
Total Commercial (1 Ph) w/Demand		282	377,552	\$56,619.13	\$0.1500	283	340,861	\$51,751.20	\$0.1518	284	352,953	\$52,830.44	\$0.1497	284	307,667	\$48,559.03	\$0.1578
Commercial (3 Ph-Out - No Dmd)	EC4O	2	160	\$57.71	\$0.3607	2	600	\$116.60	\$0.1943	2	360	\$84.14	\$0.2337	2	80	\$46.97	\$0.5871
Total Commercial (3 Ph) No Dmd		2	160	\$57.71	\$0.3607	2	600	\$116.60	\$0.1943	2	360	\$84.14	\$0.2337	2	80	\$46.97	\$0.5871
Commercial (3 Ph-In - w/Demand)	EC3	215	1,843,999	\$246,143.40	\$0.1335	214	1,840,308	\$243,290.37	\$0.1322	215	1,680,476	\$223,008.67	\$0.1327	214	1,672,860	\$228,330.04	\$0.1365
Commercial (3 Ph-Out - w/Demand)	EC3O	38	303,214	\$40,961.20	\$0.1351	37	288,847	\$38,828.23	\$0.1344	37	259,862	\$35,269.49	\$0.1357	37	235,437	\$33,446.06	\$0.1421
Commercial (3 Ph-Out - w/Dmd.&Sub-St.	E3SO	3	114,920	\$14,544.21	\$0.1266	3	104,160	\$13,110.89	\$0.1259	3	96,960	\$12,199.22	\$0.1258	3	91,160	\$11,798.87	\$0.1294
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	1,880	\$253.74	\$0.1350	1	1,880	\$250.82	\$0.1334	1	1,640	\$221.35	\$0.1350	1	1,720	\$235.63	\$0.1370
Total Commercial (3 Ph) w/Demand		257	2,264,013	\$301,902.55	\$0.1333	255	2,235,195	\$295,480.31	\$0.1322	256	2,038,938	\$270,698.73	\$0.1328	255	2,001,177	\$273,810.60	\$0.1368
Large Power (In - w/Dmd & Rct)	EL1	15	1,629,248	\$176,214.53	\$0.1082	15	1,519,156	\$166,527.05	\$0.1096	15	1,662,985	\$177,044.25	\$0.1085	15	1,621,674	\$178,664.86	\$0.1102
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	922,545	\$96,209.85	\$0.1043	3	890,900	\$92,963.95	\$0.1043	3	974,049	\$99,096.19	\$0.1017	3	1,002,197	\$104,581.35	\$0.1044
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	488,400	\$52,538.17	\$0.1076	1	444,000	\$49,582.76	\$0.1117	1	448,800	\$50,347.54	\$0.1122	1	452,400	\$52,253.99	\$0.1155
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	67,200	\$6,824.48	\$0.1016	2	61,200	\$6,282.65	\$0.1027	2	55,210	\$5,835.99	\$0.1057	2	60,593	\$6,212.23	\$0.1044
Total Large Power		21	3,107,393	\$331,787.03	\$0.1068	21	2,915,256	\$315,356.41	\$0.1082	21	3,141,044	\$332,323.97	\$0.1058	21	3,136,864	\$356,741.43	\$0.1137
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	953,746	\$93,976.56	\$0.0985	1	793,516	\$80,520.83	\$0.1015	1	853,543	\$80,449.78	\$0.0943	1	772,121	\$80,559.60	\$0.1043
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	679,242	\$70,650.12	\$0.1040	1	592,800	\$64,867.63	\$0.1094	1	786,160	\$76,598.10	\$0.0974	1	706,069	\$73,992.70	\$0.1048
Total Industrial		2	1,632,988	\$164,626.68	\$0.1008	2	1,386,316	\$145,388.46	\$0.1049	2	1,639,703	\$157,047.88	\$0.0958	2	1,478,190	\$154,552.30	\$0.1046
Interdepartmental (In - No Dmd)	ED1	9	41,855	\$5,271.19	\$0.1259	9	33,828	\$4,311.86	\$0.1275	10	28,938	\$3,730.91	\$0.1289	10	23,142	\$3,163.33	\$0.1367
Interdepartmental (Out - w/Dmd)	ED2O	2	246	\$57.53	\$0.2339	2	234	\$55.59	\$0.2376	2	357	\$71.87	\$0.2013	2	446	\$85.32	\$0.1913
Interdepartmental (In - w/Dmd)	ED2	27	82,014	\$11,431.90	\$0.1394	27	65,129	\$9,060.76	\$0.1391	27	42,935	\$6,062.18	\$0.1412	27	31,110	\$4,592.92	\$0.1476
Interdepartmental (3Ph-In - w/Dmd)	ED3	10	205,686	\$26,332.92	\$0.1280	10	188,404	\$23,936.79	\$0.1271	10	175,037	\$22,596.36	\$0.1291	10	158,726	\$21,126.86	\$0.1331
Interdepartmental (Street Lights)	EDSL	5	14,608	\$1,416.67	\$0.0970	5	14,608	\$1,413.75	\$0.0968	6	21,490	\$2,048.15	\$0.0953	6	21,490	\$2,074.95	\$0.0966
Interdepartmental (Traffic Signals)	EDTS	8	1,474	\$136.29	\$0.0925	8	1,267	\$117.15	\$0.0925	8	1,266	\$117.05	\$0.0925	8	1,386	\$128.17	\$0.0925
Generators (JV2 Power Cost Only)	GJV2	1	21,704	\$603.15	\$0.0278	1	18,459	\$450.95	\$0.0244	1	18,241	\$514.58	\$0.0282	1	17,475	\$444.56	\$0.0254
Generators (JV5 Power Cost Only)	GJV5	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000
Total Interdepartmental		62	367,587	\$45,249.65	\$0.1231	62	321,929	\$39,346.85	\$0.1222	64	288,264	\$35,141.10	\$0.1219	64	253,775	\$31,616.11	\$0.1246
SUB-TOTAL CONSUMPTION & DEMAND		5,878	12,744,059	\$1,534,487.22	\$0.1204	5,894	11,289,286	\$1,367,968.74	\$0.1212	5,901	11,144,153	\$1,318,183.35	\$0.1183	5,905	10,253,456	\$1,274,988.31	\$0.1243
Street Lights (In)	SLO	14	0	\$13.43	\$0.0000	14	0	\$13.44	\$0.0000	14	0	\$13.44	\$0.0000	14	0	\$13.44	\$0.0000
Street Lights (Out)	SLOO	2	0	\$1.92	\$0.0000	2	0	\$1.92	\$0.0000	2	0	\$1.92	\$0.0000	2	0	\$1.92	\$0.0000
Total Street Light Only		16	0	\$15.35	\$0.0000	16	0	\$15.36	\$0.0000	16	0	\$15.36	\$0.0000	16	0	\$15.36	\$0.0000
TOTAL CONSUMPTION & DEMAND		5,894	12,744,059	\$1,534,502.57	\$0.1204	5,910	11,289,286	\$1,367,984.10	\$0.1212	5,917	11,144,153	\$1,318,198.71	\$0.1183	5,921	10,253,456	\$1,275,003.67	\$0.1243

BILLING SUMMARY AND COMPARISON

JULY, 2019

2019 - SEPTEMBER BILLING WITH JULY 2019 AVERAGE

Class and/or Schedule	Rate Code	# of Bills	Jul-19 (kWh Usage)	Jul-19 Billed	Cost / kWh For Month	# of Bills	Aug-19 (kWh Usage)	Aug-19 Billed	Cost / kWh For Month	TOTAL KWH USAGE 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	3,344	1,867,903	\$245,867.24	\$0.1316	3,346	2,732,680	\$346,222.17	\$0.1267	27,119,688	\$3,428,761.45	\$0.1264	3,340	56.4952%
Residential (Dom-In) w/Ecosmart	E1E	7	3,714	\$490.94	\$0.1322	7	5,114	\$652.39	\$0.1276	48,909	\$6,308.52	\$0.1290	8	0.1325%
Residential (Dom-In - All Electric)	E2	628	344,748	\$45,441.85	\$0.1318	632	440,183	\$56,326.12	\$0.1280	6,295,791	\$785,907.82	\$0.1248	616	10.4191%
Res. (Dom-In - All Elec.) w/Ecosmart	E2E	1	558	\$73.44	\$0.1316	1	834	\$105.55	\$0.1266	7,375	\$938.51	\$0.1273	1	0.0169%
Total Residential (Domestic)		3,980	2,216,923	\$291,873.47	\$0.1317	3,986	3,178,811	\$403,306.23	\$0.1269	33,471,763	\$4,221,916.30	\$0.1261	3,964	67.0637%
Residential (Rural-Out)	ER1	786	641,759	\$88,459.44	\$0.1378	786	867,108	\$115,416.57	\$0.1331	9,379,963	\$1,241,787.51	\$0.1324	780	13.1920%
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,594	\$365.77	\$0.1410	4	3,894	\$523.03	\$0.1343	37,644	\$5,090.35	\$0.1352	4	0.0677%
Residential (Rural-Out - All Electric)	ER2	367	325,561	\$44,556.81	\$0.1369	367	424,736	\$56,355.32	\$0.1327	5,314,510	\$695,048.59	\$0.1308	371	6.2689%
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	1,372	\$192.30	\$0.1402	2	1,219	\$171.23	\$0.1405	26,621	\$3,500.63	\$0.1315	2	0.0338%
Residential (Rural-Out w/Dmd)	ER3	15	15,858	\$2,139.28	\$0.1349	15	19,604	\$2,578.69	\$0.1315	531,760	\$67,264.49	\$0.1265	15	0.2608%
Residential (Rural-Out - All Electric w/Dmd)	ER4	9	7,763	\$1,064.90	\$0.1372	9	8,355	\$1,126.27	\$0.1348	142,613	\$18,545.52	\$0.1300	9	0.1522%
Total Residential (Rural)		1,183	994,907	\$136,778.50	\$0.1375	1,183	1,324,916	\$176,171.11	\$0.1330	15,433,111	\$2,031,237.09	\$0.1316	1,181	19.9755%
Commercial (1 Ph-In - No Dmd)	EC2	72	33,471	\$5,496.30	\$0.1642	73	28,115	\$4,736.29	\$0.1685	405,664	\$65,362.27	\$0.1611	72	1.2250%
Commercial (1 Ph-Out - No Dmd)	EC2O	50	8,924	\$1,838.47	\$0.2060	50	8,740	\$1,799.65	\$0.2059	121,819	\$23,625.96	\$0.1939	49	0.8345%
Total Commercial (1 Ph) No Dmd		122	42,395	\$7,334.77	\$0.1730	123	36,855	\$6,535.94	\$0.1773	527,483	\$88,988.23	\$0.1687	122	2.0596%
Commercial (1 Ph-In - w/Demand)	EC1	259	279,300	\$44,966.50	\$0.1610	260	316,168	\$49,374.46	\$0.1562	3,879,139	\$593,378.19	\$0.1530	260	4.3940%
Commercial (1 Ph-Out - w/Demand)	EC1O	24	38,602	\$5,730.99	\$0.1485	24	40,570	\$5,959.69	\$0.1469	533,275	\$75,383.70	\$0.1414	24	0.4130%
Total Commercial (1 Ph) w/Demand		283	317,902	\$50,697.49	\$0.1595	284	356,738	\$55,334.15	\$0.1551	4,412,414	\$668,761.89	\$0.1516	284	4.8071%
Commercial (3 Ph-Out - No Dmd)	EC4O	2	40	\$41.55	\$1.0388	2	80	\$46.97	\$0.5871	38,720	\$5,765.73	\$0.1489	2	0.0338%
Total Commercial (3 Ph) No Dmd		2	40	\$41.55	\$1.0388	2	80	\$46.97	\$0.5871	38,720	\$5,765.73	\$0.1489	2	0.0338%
Commercial (3 Ph-In - w/Demand)	EC3	215	1,710,073	\$236,293.10	\$0.1382	216	1,921,250	\$260,730.87	\$0.1357	21,002,810	\$2,852,399.57	\$0.1358	212	3.5877%
Commercial (3 Ph-Out - w/Demand)	EC3O	37	239,673	\$34,913.66	\$0.1457	37	274,728	\$38,593.50	\$0.1405	3,750,438	\$511,176.60	\$0.1363	37	0.6273%
Commercial (3 Ph-Out - w/Dmd & Sub-St.)	E3SO	3	101,960	\$13,281.90	\$0.1303	3	113,080	\$14,331.86	\$0.1267	1,263,280	\$159,902.86	\$0.1266	3	0.0507%
Commercial (3 Ph-In - w/Demand, No Ta.)	EC3T	1	1,400	\$199.68	\$0.1426	1	2,800	\$439.96	\$0.1571	43,240	\$5,733.02	\$0.1326	1	0.0169%
Total Commercial (3 Ph) w/Demand		256	2,053,106	\$284,688.34	\$0.1387	257	2,311,858	\$314,096.19	\$0.1359	26,059,768	\$3,529,212.05	\$0.1354	253	4.2827%
Large Power (In - w/Dmd & Rct)	EL1	15	1,880,311	\$209,268.21	\$0.1113	15	2,010,579	\$221,306.70	\$0.1101	22,761,505	\$2,479,006.23	\$0.1089	17	0.2819%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	983,750	\$104,878.64	\$0.1066	3	1,027,578	\$108,238.53	\$0.1053	12,242,404	\$1,255,998.73	\$0.1026	3	0.0507%
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	478,800	\$54,694.42	\$0.1142	1	427,200	\$50,434.47	\$0.1181	5,574,000	\$621,463.10	\$0.1115	1	0.0169%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	87,622	\$16,661.21	\$0.1901	2	79,464	\$15,662.73	\$0.1971	841,517	\$137,731.86	\$0.1637	2	0.0338%
Total Large Power		21	3,430,483	\$385,502.48	\$0.1124	21	3,544,821	\$395,642.43	\$0.1116	41,419,426	\$4,494,199.92	\$0.1085	23	0.3834%
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	895,662	\$91,373.85	\$0.1020	1	853,053	\$85,795.44	\$0.1006	11,162,890	\$1,097,178.36	\$0.0983	1	0.0169%
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	776,994	\$81,131.34	\$0.1044	1	694,184	\$79,070.77	\$0.1139	9,252,653	\$941,193.75	\$0.1017	1	0.0169%
Total Industrial		2	1,672,656	\$172,505.19	\$0.1031	2	1,547,237	\$164,866.21	\$0.1066	20,415,543	\$2,038,372.11	\$0.0998	2	0.0338%
Interdepartmental (In - No Dmd)	ED1	10	36,343	\$5,023.47	\$0.1382	10	46,865	\$6,385.89	\$0.1363	409,113	\$54,725.02	\$0.1338	10	0.1635%
Interdepartmental (Out - w/Dmd)	ED2O	2	459	\$87.80	\$0.1913	2	605	\$107.12	\$0.1771	4,457	\$894.14	\$0.2006	2	0.0338%
Interdepartmental (In - w/Dmd)	ED2	27	20,581	\$3,182.19	\$0.1546	29	23,478	\$3,570.98	\$0.1521	526,268	\$75,465.82	\$0.1434	28	0.4708%
Interdepartmental (3Ph-In - w/Dmd)	ED3	10	146,248	\$20,261.76	\$0.1385	10	149,378	\$19,861.26	\$0.1330	1,929,640	\$250,801.92	\$0.1300	10	0.1692%
Interdepartmental (Street Lights)	EDSL	6	21,490	\$2,075.51	\$0.0966	6	21,490	\$2,073.47	\$0.0965	351,676	\$33,261.33	\$0.0946	6	0.0987%
Interdepartmental (Traffic Signals)	EDTS	8	1,342	\$124.07	\$0.0925	8	1,281	\$118.45	\$0.0925	17,830	\$1,648.58	\$0.0925	8	0.1353%
Generators (JV2 Power Cost Only)	GJV2	1	18,630	\$448.80	\$0.0241	1	15,267	\$341.06	\$0.0223	210,936	\$5,829.44	\$0.0276	1	0.0169%
Generators (JV5 Power Cost Only)	GJV5	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	6,673	\$144.67	\$0.0217	0	0.0014%
Total Interdepartmental		64	245,093	\$31,203.60	\$0.1273	66	258,364	\$32,458.23	\$0.1256	3,456,593	\$422,770.92	\$0.1223	64	1.0897%
SUB-TOTAL CONSUMPTION & DEMAND		5,913	10,973,505	\$1,360,625.39	\$0.1240	5,924	12,559,680	\$1,548,457.46	\$0.1233	145,234,821	\$17,501,224.24	\$0.1205	5,895	99.7293%
Street Lights (In)	SLO	14	0	\$13.44	\$0.0000	14	0	\$13.43	\$0.0000	0	\$161.23	\$0.0000	14	0.2368%
Street Lights (Out)	SLOO	2	0	\$1.92	\$0.0000	2	0	\$1.92	\$0.0000	0	\$23.00	\$0.0000	2	0.0338%
Total Street Light Only		16	0	\$15.36	\$0.0000	16	0	\$15.35	\$0.0000	0	\$184.23	\$0.0000	16	0.2707%
TOTAL CONSUMPTION & DEMAND		5,929	10,973,505	\$1,360,640.75	\$0.1240	5,940	12,559,680	\$1,548,472.81	\$0.1233	145,234,821	\$17,501,408.47	\$0.1205	5,911	100.0000%



POLE ATTACHMENT TARIFF AGREEMENT
BETWEEN THE CITY OF NAPOLEON, OHIO AND
FARMERS & MERCHANTS MUTUAL TELEPHONE
COMPANY/BRIGHTNET

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Pole Attachment Tariff

1. Scope of Tariff

1.1 This tariff ("Tariff") establishes the rates, terms, and conditions under which the City of Napoleon, Ohio ("the City"), will permit a provider of cable television, Internet, data transmission, and/or other telecommunication services, as the case may be (respectively, a "Licensee"), to make Attachments to City electric distribution poles and to continue to maintain such Attachments located on City distribution poles, including those which are now owned by a Licensee and which were permitted and approved pursuant to any earlier Pole Attachment Agreement; provided, further, that such Licensee does not have an effective written contract allowing the installation of facilities on City poles at the time of the effective date of this Tariff, or at any future time.

1.2 Nothing in this Tariff shall be construed as a grant by the City of an exclusive license, right or privilege to a Licensee, nor as a limitation, restriction, or prohibition upon the City's right to grant interests to third parties to the pole attachment rights granted hereunder; provided, further, that nothing in this Tariff shall be construed to effect a grant of any rights under any license, permit, or agreement between the City and any third party with respect to attachment to poles owned by such third party.

1.3 All poles covered by this Tariff remain the property of the City regardless of any payment by Licensee toward the cost of such poles. No use, however extended, of City poles or payment of any rate or charge required hereunder shall create or vest in Licensee any claim of right, possession, title, interest or ownership in such poles. Nothing in this Tariff shall be construed to compel the City to construct, reconstruct, retain, extend, repair, place, replace or maintain any pole which, in the City's sole discretion, is not needed for its own purposes. The City shall have the right to operate, relocate and maintain its poles and attendant facilities in such a manner as will best enable it, in its sole discretion, to fulfill its service requirements.

1.4 If the City has conferred upon others, by contract or otherwise, rights and privileges to use any pole covered by this Tariff, nothing herein contained shall be construed as affecting said rights and privileges, and the City shall have the right, by contract or otherwise, to continue and extend such existing rights and privileges; provided, further, that such rights and privileges shall continue and be extended as provided by this Section 1.4 to any renewal of such contract or other arrangement.

2. Definitions

For the purpose of this Tariff, the following terms shall have the meanings set forth below:

2.1 Annual Attachment Rate. The annual charge per attachment assessed by the City in accordance with the terms and conditions of this Tariff.

2.2 Attachment or Attachments. Any materials or apparatus, excluding power supplies, now or hereafter used by a Licensee in the construction, operation, or maintenance of its telecommunications facilities carried on any City poles. An Attachment shall be a single point of wire line contact utilizing no more than one foot of vertical space on each pole and no more than twenty percent (20%) of each pole's loading capacity. Pole mounted antennas are not approved attachments.

2.3 Contract Year. The annual rental period of January 1 to December 31 of each year.

2.4 Design Standards. All applicable regulations or codes promulgated by any federal, state, local or other governmental authority having jurisdiction, including, but not limited to, the National Electrical Safety Code and City design or attachment requirements.

2.5 Incremental Cost. The difference between the Total Cost of installing a pole to accommodate both the City and Licensee(s) on a new pole (either as new construction or replacement of an existing pole at the City's initiation) and the Total Cost of installing a pole that meets City needs.

2.6 Interest Rate. Interest per year divided by principal amount, expressed as a percentage—in this case, eight percent (8%) unless otherwise determined by City Council.

2.7 Joint Use. The simultaneous use of any pole for attachments of both parties in conformity with the specifications in Sections 5 and 6.

2.8 Make-Ready Work. Changes required to a pole due to the Licensee submitting a proposal. The City shall complete all make-ready work before Licensee can make contact.

2.9 Non-Standard Attachment. Attachments described on Exhibit A which the City permits to be attached in accordance with the City's sole and absolute discretion.

2.10 Pole Ground. A ground rod or wire connected thereto to which Licensee may connect at the base of an electric utility pole without causing the pole to be considered Joint Use as defined herein.

2.11 Proposal. A pole attachment construction proposal, in a format acceptable to the City.

2.12 The City Rearranging. The transferring and/or rearranging of Attachment facilities which includes tree cutting or trimming incidental to said transferring and/or rearranging of Attachments.

2.13 Reserved Space. Such space on a pole which is occupied and maintained and provided by the City either for its own exclusive use, or expressly for the Licensee's exclusive use at the Licensee's request.

2.14 Standard Space. The following described space on a joint pole for the exclusive use of each party, respectively, except only as to such space which, by the terms of the specifications referred to in Section 3, may be occupied by certain attachments therein described of the other party:

- a. For the City, uppermost twenty (20) feet.
- b. For attachments, a space of three (3) feet at sufficient distance below the space of the City of Napoleon to provide at all times the minimum clearance required by the specifications referred to in Sections 5 and 6, and at a sufficient height above the ground to provide proper vertical clearance for the lowest horizontally run wire or cable attached to such space, pursuant to Article 235C of the National Electrical Safety Code.
- c. Mutual vertical clearance space on the pole between each entity's Attachments shall never be less than that which will obtain minimum separation as required. These specifications do not preclude certain attachments being located in and extending vertically through space reserved for the other party.
- d. Except by mutual written agreement of the City and the Licensee addressing specific situations, Attachments shall not be permitted in the neutral space required by code and specification. This limitation does not apply to Attachments of street lighting or traffic control systems owned or used by government facilities.

2.15 Total Cost. The cost of all materials, labor and overhead expenses relating to an Attachment. When replacing a pole and for additional poles due solely to Licensee's requirements, Total Cost includes the cost of transferring facilities and removal of the old pole (with credit for any salvageable material) and for a second trip (to allow transfers) to pull the old pole or the cost to transfer the facilities of the City and all other attaching parties.

2.16 Transferring. The moving of Attachments from one pole and placing them on another.

2.17 Transferring and Rearranging. The Transferring and Rearranging of the Attachment facilities which includes any tree cutting or trimming incidental to the transfer of the Attachment(s).

3. Procedure for Establishing Attachments

3.1 A Licensee shall make written application for permission to install or change Attachments on any pole of the City, specifying the location of each pole in question, the character of its proposed Attachment(s) and the amount and location of space desired. Within forty-five (45) days after receipt of the application, the City shall notify Licensee in writing whether or not it is willing to permit Joint Use of such poles and if so, under what conditions. Such applications and the permits granted with respect thereto shall be in the form attached hereto as Exhibit C , or such other approved form as may be issued from time to time by the City. The City shall have the sole right to determine the availability of such poles for Joint Use and shall be under no obligation to grant permission for Joint Use by Licensee, but it will not unreasonably refuse to grant permission. City riser poles are to be contacted only under exceptional circumstances. If permission is granted, Licensee shall have the right to occupy the space allotted by the City solely in accordance with the conditions specified in said permit and the terms of this Tariff. The City may at any time authorize other parties to also place Attachments on City poles.

3.2 If Make-Ready Work is necessary to prepare any poles for proposed Attachments, then Licensee shall not attach its telecommunication facilities to City poles until Licensee receives notice from the City that said Make-Ready Work is completed.

4. Multiple Applicants

4.1 When the City receives applications from more than one applicant for Attachment space on any particular pole, and because of such multiple Attachments either the pole must be replaced or the facilities thereon must be rearranged to provide additional space for said attachments, the City will prorate the additional Total Cost resulting from the pole replacement or rearrangement in a fair and reasonable way to the extent practicable between the Licensee and the other Attachment applicant(s). Such prorated Total Costs shall include common engineering, material and other expenses which result to the City from said multiple Attachments. City proration of total costs shall be determinative as to all parties.

5. Installation Standards

5.1 All Attachments and any associated equipment permitted by the City shall be installed in a manner satisfactory to the City so as not to interfere with the present or any future use which the City may desire to make of said poles or the wires attached thereto. The City shall determine, in its sole discretion, whether Attachments

interfere with the City's present or future pole use plans. All Attachments made hereunder shall be installed and maintained by Licensee in compliance with the Design Standards. Licensee shall identify all Attachments at each pole location using the City tagging system.

5.2 Licensee acknowledges that City poles have energized facilities installed upon them and that working in the vicinity of energized facilities poses inherent dangers. At all times during the term of this Tariff, and particularly during the time of any construction, repair, or maintenance of Attachments covered by this Tariff, Licensee shall consider the electric facilities of the City to be energized. Licensee shall warn all of its employees, agents, contractors and subcontractors, or any other parties who may be working on behalf of the Licensee, of the inherent dangers involved in working around energized electric facilities, and the necessity of taking appropriate precautions against such inherent dangers. Licensee assumes full and complete responsibility for taking any and all necessary precautions by the installation of protective equipment, or other means, to protect all persons and property of all kinds against injury or damage occurring by reason of Licensee's Attachments on City poles.

6. Pole Installation

6.1 Poles installed in new locations. Where the City desires to install a new pole in a location where facilities have not been previously placed, and Licensee desires to attach to such pole, the City and Licensee shall follow the procedures set forth in this Section. Licensee shall submit a Proposal setting forth a description of the facilities that the Licensee intends to attach to City poles. The City shall make a determination of the size and height of the pole(s) necessary to accommodate its facilities alone and shall calculate the Total Cost necessary to procure and install such pole. The City shall then make a determination of the size and height of the pole(s) necessary to accommodate both City and Licensee facilities. Licensee shall pay the City the Incremental Cost, if such applies. If other parties request to attach to the same pole, then Licensee shall only be responsible for its pro rata share of the Incremental Cost of the pole necessary to accommodate all parties, divided by the total number of attaching parties (exclusive of the City).

6.2 Replacement of Existing Poles Caused by the Installation of a Licensee's Existing or Proposed Attachment. Where, in the City's sole judgment, an existing pole must be replaced solely to adequately provide for Licensee's existing or proposed attachment, Licensee shall pay the City the Total Cost of the engineering and replacement of the pole.

6.3 Reserved /Loaned Space. The City may reserve space on poles for future development or other needs. Such space may, in the sole discretion of the City, be used temporarily by the Licensee (subject to City consent in each case) for attachment of Licensee's Attachments. In the event the City intends to reclaim such "loaned space,"

the City shall provide notice to Licensee of the space reclamation. Upon such notice, Licensee shall either remove its facilities from the reclaimed space within sixty (60) days of City notice, or pay the Total Cost of replacing the pole with a pole which will accommodate all of the existing and planned Attachments on the pole, including the cost of removing the old pole, and transferring the facilities of the City and any other attaching party to the new pole. If Licensee is sharing such “loaned space” with another attaching party, then Licensee and the other attaching party shall share the Total Cost of the project. The City and Licensee using the loaned space shall each keep and maintain records indicating the poles on which loaned space has been provided. For purposes of this Tariff, any Attachments in a loaned space shall be regarded the same as any other Attachment.

6.4 Pole Replacements. In the event that the City must replace or relocate a pole, and such replacement or relocation is not caused by the addition of a new Licensee Attachment, the City shall provide Licensee reasonable advance notice before undertaking such replacement or relocation. Licensee shall transfer its Attachments within thirty (30) days of receiving notice that the new pole is in place. If Licensee does not transfer its Attachments within said thirty (30) days, then the City may transfer the Attachments at Licensee’s expense. If the City or another party is required to make a return trip to remove a pole as a result of Licensee failing to transfer its Attachments within the time set forth herein, then Licensee shall reimburse the City or such third party for the Total Cost incurred by such return trip according to Exhibit A.

6.5 General. Licensee shall remain responsible for the Total Cost of all projects initiated by the City (exclusive of pole attachment rates) as the result of a Licensee Proposal, regardless of whether Licensee elects to install the Attachments. Licensee shall be responsible for the cost of all engineering, inspection, and construction work undertaken by the City on all third party owned poles where such work is initiated as a result of the proposed attachment of Licensee’s facilities.

7. Rearrangement of Attachments

7.1 If Licensee’s desired Attachments can be accommodated on existing poles of the City in accordance with the Design Standards by Transferring and Rearranging facilities of the City or existing attachments thereon of any other party, or if because of Licensee’s existing or proposed Attachments it is necessary for the City to rearrange its facilities on any pole owned by a third party, then in any such case Licensee shall reimburse the City and any such other party for the respective Total Cost incurred in making such rearrangement.

8. Guying

8.1 Any guying required pursuant to the Design Standards shall be installed by and at the expense of Licensee. Licensee shall not use City guys or anchors without City permission.

9. Non-Standard Attachments

9.1 Licensee shall not install any equipment other than Attachments upon City poles. Attachments do not include pole mounted antennas. If Licensee desires to install equipment other than an Attachment to a new or existing pole, Licensee shall submit in writing the design and installation specifications of the proposed equipment and such other data required by the City to assess the impact of such equipment on the existing pole. Except as otherwise set forth herein, all Non-Standard Attachments approved hereunder shall be treated as an Attachment and shall be billed an annual attachment rate in accordance with Exhibit A attached hereto and incorporated herein. The City may revise the rates set forth on Exhibit A by providing thirty (30) days prior written notice.

10. Inspection

10.1 The City may conduct at Licensee's expense a post-construction inspection of all new Attachment installations or modifications of existing Attachments. In addition, the City may make additional inspections at Licensee's expense, if the City has reasonable cause to believe that Licensee is not maintaining its Attachments in accordance with Design Standards and the terms of this Tariff. The City right to make any inspections and any inspection made pursuant to such right shall not relieve Licensee of any responsibility, obligation or liability assumed under this Tariff to maintain its Attachments in accordance with Design Standards and other prudent practices.

11. Attachment Inventory

11.1 The City shall use its inventory for the purpose of verifying the number and location of all Attachments within its system that are covered by this Tariff, and will typically update its inventory of Attachments not less frequently than every five years.

12. Unauthorized Attachments

12.1 Any Attachment made without the advance written approval of the City pursuant to Section 3 of this Tariff, or any prior agreement governing such facilities, shall be considered an unauthorized Attachment. Unauthorized overloading of

additional cable by Licensee on a third party's cable installed on City poles (see Section 14.1 herein) shall also be considered an unauthorized Attachment.

12.2 Upon discovery of an unauthorized Attachment, the City may elect either of the following options: (i) order Licensee to remove the Attachment within thirty (30) days; or (ii) review such Attachment, at Licensee's expense, to determine if the Attachment is in compliance with Design Standards and, if necessary, order Licensee to comply with Design Standards either through rearrangement pursuant to Section 6 above or pole replacement pursuant to Section 5 above.

12.3 For each unauthorized Attachment, Licensee shall also pay the City the applicable Attachment Rate hereunder for a period of time equal to the greater of: (i) five years; or (ii) the number of years since the last Attachment inventory (including inventories conducted pursuant to earlier pole license Tariffs governing such facilities), plus \$150.00 per Attachment. The City shall further be entitled to interest at the current Interest Rate on such rates accruing from the date the Attachment is assumed to have been on the pole.

13. Interference or Hazard

13.1 Whenever the City notifies Licensee in writing or orally, with written confirmation, that any Attachment made hereunder does not comply with Design Standards, Licensee shall within thirty (30) days of receiving such notice, either remove such non-complying Attachment, or bring such Attachment into compliance with Design Standards. If non-compliance of such Design Standards is causing interference with City use or maintenance of the pole, or is causing a hazard, then Licensee shall undertake the remedial efforts set forth above in this Section within ten (10) days of receiving notice from the City.

13.2 In case of an emergency, which in the City's reasonable judgment requires the City to immediately remove or relocate the Licensee's Attachments, the City may remove or relocate such Attachments as required at Licensee's expense, without prior notice or responsibility for any damage to Licensee caused by such removal or rearrangement.

14. Overlashing

14.1 Licensee may not overlash its existing Attachments or a third party Attachment without an additional and separate written consent from the City for the overlashed Attachment. Licensee may not allow another party to overlash Licensee's facilities without such party first having an approved license from the City. Poles are the sole property of the City, and Licensee shall not charge or accept any financial consideration for allowing a third party to overlash an Attachment without the City's written consent.

14.2 The City shall not unreasonably withhold its consent to such overlashing, provided such third party overlashed facilities are reviewed by the City pursuant to the procedure set forth in Section 5 above, and both overlashing parties consent to such overlashing in a written format acceptable to the City. Any overlashing must be done in accordance with generally accepted engineering standards.

14.3 In general, no additional payment will required for a Licensee to overlash more of its facilities to its existing attached facilities, unless it necessitates additional costs such as guying or additional pole strength, occupies additional attachment space on the pole, or provides a different utility service than Licensee's existing facilities.

15. Attachment Removal/Abandonment

15.1 Licensee may, at any time, abandon the use of a pole hereunder by giving written notice to the City and then removing from the pole all of Licensee's Attachments. Such removal shall not result in a rebate or credit of any Annual Attachment Rate paid or owing.

16. Charges and Fees

16.1 Non-Recurring Expenses. Except as otherwise set forth herein, Licensee shall reimburse the City for the Total Cost of all non-recurring expenses incurred by the City caused by or attributable to Licensee's Attachments as shown in Exhibit A.

16.2 Annual Attachment Rate. As a condition of its right to maintain any Attachment to City poles under this Tariff, Licensee shall pay the City an Annual Attachment Rate for each attachment as set forth on Exhibit B attached hereto and incorporated herein. The City may revise Exhibit B by providing Licensee written notice prior to the effective date of such revision. Billing of Annual Attachment Rates shall be rendered on or about January 1 of each year for the current Contract Year.

16.3 Third Party Overlash Annual Attachment Rate. Licensee shall pay an overlash annual attachment rate for each pole where Licensee has overlashed Attachments to a third party's facilities, which are attached to City poles, equal to the applicable Annual Attachment Rate set forth in Exhibit B. Such third party overlash rate shall be paid in the manner set forth in this Section 16.

16.4 General. Licensee shall pay the applicable Annual Attachment Rate for each new Attachment or third party overlashed Attachment made during the Contract Year. There shall be no proration of rates hereunder, including adjustments in billing for those Attachments made or removed during the Contract Year.

17. Non-Permitted Use of Attachments

17.1 Licensee represents and warrants that it shall only use its Attachments as a part of its cable television, Internet or other telecommunications system, with the advance consent of the City obtained through the processes established by this Tariff or any predecessor agreement in writing between the City and the Licensee granting Licensee the right to make Attachments for such purposes (“Permitted Use”). Upon discovery of the use of an Attachment without authorization of the City, or for any purpose other than the Permitted Use (“Non-Permitted Use”), the City may terminate Licensee’s license to make Attachments to City poles under this Tariff and/or require Licensee to pay the City additional Annual Attachment Rates as set forth in the following paragraph, in addition to any other remedies which may be available to the City under applicable law.

17.2 Upon discovery of a Non-Permitted Use, Licensee shall pay the City an additional Annual Attachment Rate for each Attachment involved in the Non-Permitted Use of \$150.00 per Attachment and interest at the Interest Rate accrued since the assumed Non-Permitted Use commenced. Unless Licensee can prove otherwise, it shall be assumed for purposes of making the above calculation that Licensee has engaged in such Non-Permitted Use since the commencement of Licensee’s service under this Tariff or since the last Attachment Inventory was performed. Licensee shall also pay the City any and all non-recurring administrative expenses the City incurs as a result of processing and documenting such Non-Permitted Use Attachments.

18. Time of Payment

18.1 Unless otherwise set forth herein, payments due hereunder shall be made within thirty (30) days from the date of the invoice therefore. On all amounts not so paid, an additional charge for interest at the Interest Rate, compounded daily will be assessed. Where the provisions of this Tariff require any payment by Licensee to the City other than for the Annual Attachment Rate, the City may, at its option, require that the estimated amount thereof be paid in advance of permission to use any pole or the performance by the City of any work.

19. Liability and Damages

19.1 The City shall not be liable, whether based on contract, indemnification, warranty, tort, strict liability or otherwise, to any Licensee, or any third party or other person for damages whatsoever, including, without limitation, direct, incidental, consequential, punitive, special, exemplary or indirect damages arising or resulting from any act or omission in any way associated with acts provided for under this Tariff, including, but not limited to, any act or omission that results in an interruption, deficiency or imperfection of service, except to the extent that the City is found liable for gross negligence or intentional or willful misconduct, in which case the City will not be

liable for any incidental, consequential, punitive, special, exemplary or indirect damages. Nothing in this section, however, is intended to affect obligations otherwise provided in agreements between the Licensee and the City.

19.2 The City shall not be liable for damages arising out of services provided under this Tariff, including, but not limited to, any act or omission that results in an interruption, deficiency or imperfection of service, occurring as a result of conditions or circumstances beyond the control of the City.

19.3 As used herein, direct damages shall not include loss of profit, loss of revenue, loss of production, loss of earnings, loss of contract, or any other indirect, special or consequential loss or damage.

19.4 The City reserves to itself the right to maintain and operate its Poles in such manner as will best enable it to fulfill its own service requirements. The City shall not be liable for any damages incurred by Licensee for damage or interruption to its Attachments except for actual repair costs caused by the negligence of the City; provided, however, that the City shall not be liable to Licensee for any interruption of Licensee's service or for interference with the operation of Licensee's Attachments.

NEITHER THE CITY NOR LICENSEE SHALL BE LIABLE TO THE OTHER FOR ANY SPECIAL, INDIRECT, PUNITIVE, OR CONSEQUENTIAL DAMAGES ARISING IN CONNECTION WITH THE USE OF OR DAMAGE TO THE CITY'S OR LICENSEE'S FACILITIES.

19.5 Licensee is expected to inspect all Poles on which its Attachments will be placed and shall rely solely on such inspection to determine the suitability of said Poles for its purposes. CITY DOES NOT MAKE, AND HEREBY EXPRESSLY DISCLAIMS, ANY EXPRESS OR IMPLIED WARRANTIES CONCERNING ANY POLE, INCLUDING WITHOUT LIMITATION WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. LICENSEE ACCEPTS THE USE OF ALL POLE(S) AS IS, WHERE IS, AND WITH ALL FAULTS.

19.6 Licensee acknowledges and agrees that the City does not warrant the condition or safety of City Poles, or the premises surrounding its Poles, and LICENSEE HEREBY ASSUMES ALL RISKS OF AND INDEMNIFIES THE CITY FROM ANY DAMAGE, INJURY OR LOSS OF ANY NATURE WHATSOEVER CAUSED BY OR IN CONNECTION WITH LICENSEE'S OR LICENSEE'S CONTRACTORS' USE OF SAID POLE(S) AND ASSOCIATED FACILITIES AND EQUIPMENT ON, WITHIN, OR SURROUNDING SAID POLES. Licensee expressly agrees that it will undertake responsibility for inspecting and evaluating the condition of any Pole before allowing any workers, whether those of Licensee or Licensee's Contractors, to climb or otherwise work on such Pole. If Licensee discovers any Poles that are rotten or otherwise unsafe for climbing or Attachment installation, Licensee shall immediately report such unsafe condition to the City. Licensee further acknowledges that the City does not warrant that

all Poles are properly labeled, and agrees that the City is not liable for any injuries or damages caused by or in connection with missing labels or otherwise improperly labeled Pole(s). Licensee further agrees to immediately notify the City if labels or tags are missing or otherwise improper.

19.7 Licensee acknowledges that in performing the work contemplated under this Tariff, Licensee and its agents, servants, employees, and Contractors will work near electrically energized lines, transformers, and other electrical equipment, and it is the intention that the power flowing through such facilities will not be interrupted except by the City. Licensee shall ensure that its employees, agents and Contractors have the necessary qualifications, skill, knowledge, training, and experience to protect themselves, their fellow employees, employees of the City, and the general public from harm or injury while performing work permitted by this Tariff. In addition, Licensee shall furnish its employees, and shall require its agents and Contractors to furnish their employees, with competent supervision and sufficient and adequate tools and equipment for their work to be performed in a safe manner. Licensee further warrants that it is apprised of, conscious of, and understands the imminent dangers

(INCLUDING SERIOUS BODILY INJURY OR DEATH FROM ELECTROCUTION) inherent in the work necessary to make installations on City Poles by Licensee's employees, agents, and Contractors, and accepts it as its duty and sole responsibility to notify and inform Licensee's employees, and to require its agents, and Contractors to inform their employees of such dangers, and to keep them informed regarding same.

20. Insurance and Indemnification

20.1 Licensee shall obtain and furnish the insurance described in this Section

20. Licensee shall maintain, and shall cause its Contractors and Subcontractors performing any work in connection with activities permitted under any license granted under this Tariff to maintain, such insurance at all times during the term of any license granted to it under this Tariff.

20.2 Coverage for the legal liability of Licensee and its Contractors and Subcontractors under the Workers' Compensation and occupational disease law of the State of Ohio, with coverage of not less than \$1,000,000 bodily injury per accident, \$1,000,000 bodily injury per disease and \$1,000,000 per disease per employee;

20.3 Commercial general liability coverage in the minimum amount of \$2,000,000 as to any one person and \$5,000,000 as to any one accident/occurrence; coverage against liability due to property damage in the amount of \$2,000,000 as to each accident and \$5,000,000 aggregate;

20.4 Business automobile liability insurance for all owned, non-owned and hired vehicles with a minimum combined single limit of \$1,000,000.

20.5 Licensee will not be permitted to access City poles until the City receives from Licensee one copy of an acceptable certificate of insurance covering the terms of Subsections 20.1-20.4 above. Such certificate shall state that the insurance carrier has issued the policies providing for the insurance specified above, that such policies are in force, and that the insurance carrier will give the City thirty (30) days prior written notice of any material change in, or cancellation of, such policies. If such insurance policies are subject to any exceptions to the terms specified herein, such exceptions shall be explained in full in such certificates. The City may, at its discretion, require Licensee to obtain insurance policies that are not subject to any exceptions. Licensee and its Contractors and Subcontractors shall obtain waivers of subrogation on all of their insurance for the benefit of the City. Policies written on a "claims-made" basis shall be maintained for a period of five years after termination of any license granted to the Licensee under the terms of this Tariff. Licensee acknowledges that continued maintenance of the insurance requirements under this Tariff is a substantial and important part of this Tariff and that any lapse in insurance coverage shall be corrected so that coverage will be in place during the period required hereunder, with no gaps or lapses in coverage.

20.6 The amounts of insurance required under this Tariff shall be adjusted as the City may reasonably require from time to time to account for inflation, generally increased insurance settlements, court verdicts or any other business purposes. If Licensee does not timely deliver to the City a certificate showing all of the required insurance to be in full force and effect as required by this Tariff, the City may either: (i), declare Licensee to be in substantial default under the terms of this Tariff upon which event this Tariff shall automatically terminate within sixty (60) days without the need for any further notice, or (ii) obtain the insurance to fulfill any and all of the insurance obligations under this Tariff. On the City's demand, Licensee shall reimburse the City the full amount of any insurance premiums paid by the City, a fee to cover applicable expenses and overhead costs incurred by the City, and interest at the Interest Rate, compounded daily, from the date of the City demand, until reimbursed by Licensee.

20.7 Licensee shall fully indemnify and defend the City and each of the City's and all associated, affiliated, allied and subsidiary entities of the City, whether existing now or in the future, and their respective officials, officers, departments, agencies, boards, representatives, employees, agents, contractors and attorneys, from and against any and all losses, costs, damages, injuries, liabilities, claims, demands, penalties and interest, including reasonable attorneys' fees, directly related to this Tariff, to the extent caused by: (i) any act or omission of Licensee, or any of the officers, partners, members, managers, shareholders, principals, directors, trustees, employees, representatives, or successors of Licensee; or (ii) failure to comply by Licensee with any of the provisions of this Tariff, or default by Licensee in the performance of any of its obligations under this Tariff.

20.8 SUBJECT ONLY TO PARAGRAPH 20.9, IT IS THE EXPRESS INTENT OF THE PARTIES THAT THE FOREGOING INDEMNITY IS TO PROTECT AND INDEMNIFY THE CITY AGAINST THE CONSEQUENCES OF ITS OWN FAULT WHERE THE CITY'S FAULT IS A CONCURRENT CAUSE OF THE INDEMNIFIED LIABILITY.

20.9 The indemnity obligations set forth in paragraphs 20.7 and 20.8 shall apply to fully protect and indemnify the City from all such claimed damages regardless of whether the City is a joint tortfeasor unless (1) the indemnified liability was the result of intentional or reckless misconduct on the part of the City, or its agents, employees, or contractors, or (2) by virtue of a final judgment, a finder of fact determines the City's percentage of responsibility for the indemnified liability to be 50% or greater, in which case each party shall then be liable for its found percentage of damages in accordance with Ohio law.

20.10 No provision of this Tariff is intended, or shall be construed, to affect or alter in any way any limitation of City liability in tort as established by Ohio Revised Code Chapter 2744 or any other applicable provision of law.

21. Easements

21.1 Licensee shall secure any right, license or permit from any governmental body, authority or other person or persons, which may be required for the construction or maintenance of Licensee's Attachments. The City does not grant, convey, or guarantee any easements, rights-of-way or franchises for the construction and maintenance of Attachments. Licensee hereby agrees to indemnify and save the City harmless from any and all claims, including expenses incurred by the City to defend itself against such claims, resulting from or arising out of the failure of Licensee to secure such right, license, permit or easement for the construction or maintenance of its Attachments on City poles, the loss of right-of-way or property owner consent, of the costs of relocating any City facilities or other Attachments on City poles. In the event that the City becomes aware of a claim affecting Licensee under the terms of this provision, the City shall endeavor to put Licensee on timely notice of such claim. However, such notice obligation of the City does not extend to permits or franchises required by governmental entities. As applicable, all of the terms of the indemnity set forth in this Tariff are incorporated herein and shall apply with equal force to the indemnity set forth in this Section.

22. Financial Assurance Requirements

22.1 To protect the City and its customers against the possibility of failure of performance or payment in connection with Licensee's financial and operational obligations under this Tariff, Licensee shall furnish to the City reasonable documentation of Licensee's creditworthiness and ability to perform its financial obligations under any license granted under this Tariff. In the event that the City

determines, in the exercise of reasonable discretion, that additional assurance of payment is necessary in order to ensure fulfillment of Licensee's obligations, Licensee shall provide such assurance in accordance with the provisions of this Section.

22.2 Where the City reasonably estimates that the cost of its performance of any action authorized or required under this Tariff will exceed five thousand dollars (\$5,000) but is unlikely to exceed ten thousand dollars (\$10,000), the City may require Licensee to make a cash deposit for the estimated cost of City performance of the relevant action. In such circumstances, the City will provide Licensee with a reasonably itemized, written estimate of its costs as part of its demand for such cash deposit, and shall notify Licensee in writing as to the date on which such deposit is due. Upon receipt of the cash deposit, the City shall be entitled to draw on the deposit for reimbursement of its costs in connection with performance of the relevant action and shall periodically present to Licensee a itemized statement of the disbursements and other costs to which it has applied the deposit.

22.3 Where the City reasonably estimates that the cost of its performance of any action authorized or required under this Tariff or the cost to the City of Licensee's non-performance of any obligation under this Tariff, is likely to exceed an amount equal to two (2) years' Annual Attachment Rates for all Attachments, or \$10,000 dollars, whichever is greater, the City may in its reasonable discretion require Licensee to supply any of the following forms of financial assurance, in a form reasonably acceptable to the City for payment or performance of the relevant action or obligation, or such other form of financial assurance as may be mutually agreeable to the City and Licensee:

22.3.1 An irrevocable standby letter of credit, issued by a bank having a minimum corporate debt rating of an "A -" by Standard & Poor's or "A3" by Moody's or "A-" by Duff & Phelps or "A-" by Fitch, or an equivalent short term debt rating by one of these agencies, for the full value of the required financial assurance. The letter of credit will renew automatically unless the issuing bank provides notice to the City at least ninety (90) days prior to the letter of credit's expiration of the bank's decision not to renew the letter of credit. If the letter of credit amount falls below the required level because of a drawing, it must be replenished immediately.

22.3.2 A performance bond, which shall (a) be reasonably acceptable to the City as to form and substance in the amount of \$50,000 for the first five hundred (500) poles for which Application is made and \$50,000 for each additional five hundred (500) poles, but not to exceed \$1.0 million, to guarantee the performance of Licensee's obligations under this Tariff, including, but not limited to, the removal of Licensee's Attachments upon the termination of any license granted under this Tariff; (b) clearly identify the City as the obligee and provide for a penal sum equal to the full value of the required financial assurance; (c) include a clear statement that the surety will promptly and faithfully perform Licensee's obligations to the City if Licensee fails to do so; and

(d) be issued by a solvent company authorized to do business in the State of Ohio, and shall meet any other requirements established by law or by the City pursuant to applicable law. The amount of the bond or financial security does not operate as a limitation upon obligations of the Licensee under this Agreement.

22.3.3 An irrevocable corporate guaranty obtained from an affiliated company (“Guarantor”) of Licensee for the full value of the required financial assurance, provided that the Guarantor that has greater financial assets than the Licensee, a strong balance sheet and income statements and, at minimum, an investment grade rating by either Standard & Poor’s, Moody’s, Duff & Phelps’, or Fitch’s.

23. Default or Non-Compliance

23.1 If Licensee fails to comply with any of the provisions of this Tariff, or defaults in the performance of any of its obligations under this Tariff, and fails within thirty (30) days, after written notice from the City, to correct such default or noncompliance, the City may, at its option, take any one or more of the following actions: (i) suspend Licensee’s access to climb or work on its Attachments on all City poles; (ii) terminate the specific permit or permits covering the poles to which such default or noncompliance is applicable; (iii) remove, relocate, or rearrange Attachments of Licensee to which such default or noncompliance relates, all at Licensee’s expense;

(iv) decline to permit additional Attachments hereunder until such default is cured; or

(v) in the event of any failure to pay any of the charges, fees or amounts provided in this Tariff or any other substantial default, or of repeated defaults, terminate any License granted to Licensee under this Tariff. Notwithstanding the foregoing, Licensee shall have up to an additional thirty (30) days to correct such default or noncompliance if Licensee promptly commences its corrective efforts within the thirty (30) day period described above and diligently continues such corrective actions thereafter. No liability shall be incurred by the City because of any or all such actions. The remedies provided herein are cumulative and in addition to any other remedies available to the City under this Tariff or otherwise. No such termination, however, shall reduce or eliminate the obligation of the Licensee to make payments of any amounts due to the City for any services covered, shall not waive charges for any Attachment until said Attachment is removed from the pole to which it is attached and shall not affect Licensee’s Insurance requirements contained in this Tariff. The City shall be entitled to recover any and all attorney fees, costs and expenses incurred in successfully pursuing any of the remedies set forth above.

24. Term of License

24.1 Except as otherwise provided in this Section 24, the attachment right granted by this Tariff shall continue for a period of one year from the date hereof, and shall thereafter automatically renew for successive one year periods unless one party

gives the other party written notice of termination at least sixty (60) days in advance of the next renewal date. Should Licensee not place Attachments or reserve space on City poles in any portion of the area covered by this Tariff within six (6) months of its effective date, the City may, at its option, terminate the License(s) granted to Licensee under this Tariff. Licensee shall completely remove its Attachments from City poles within one-hundred twenty (120) days of the termination date, unless an extension of the existing License is negotiated or a new License covering such poles has been executed by the parties hereto. If Licensee fails to remove its facilities, the City may, and is hereby given the clear and incontestable right to, remove Licensee's facilities, at Licensee's expense, from City poles and without any liability to the City. Any previous agreements between the parties shall be considered terminated upon the effective date of this agreement.

25. Transfers of Ownership

25.1 This Tariff shall be binding upon and inure to the benefit of the parties hereto, and Licensee shall not assign, transfer, sublet or sublicense any of the rights hereby granted without the prior written consent of the City.

26. General Provisions

26.1 Governing Law. This Tariff shall be construed in accordance with, and its performance shall be governed by, the Ohio Constitution and applicable laws in effect of the State of Ohio.

26.2 No Third Party Rights. This Tariff shall not create for, nor give to, any third party any claim or right of action against either party to this Tariff that would not arise in the absence of this Tariff.

26.3 No Representations as to Land Title. In granting Licensee the right to jointly use City poles or other facilities as provided herein, the City makes no representation as to what rights may exist in others regarding the land on which its poles and other facilities are located. Licensee shall have full responsibility for meeting the title claims or requirements of any other parties relating to the placement of its facilities upon, under, or above said land, and Licensee shall hold harmless the City against any such claim.

26.4 Non-Waiver. No delay, forbearance or omission in the exercise of any power or remedy herein provided or otherwise available to the City shall impair or affect the City's right thereafter to exercise the same.

26.5 Headings. Headings used in this Tariff are inserted only for convenience of reference and shall not affect the interpretation or construction of this Tariff.

26.6 Survival of License Obligations. All payment, performance and indemnity obligations of Licensee under this Tariff shall survive the termination of any license granted under this Tariff, until said obligations are satisfied.

26.7 Operating Practices. For ease of administration of Attachments to City poles, Operating Practices may be established by the City and the Licensee. These Operating Practices shall be based on this Tariff and shall provide detailed methods and procedures that will be followed in establishing, maintaining and discontinuing Attachments on City poles. In case of any ambiguity or conflict between the provisions of this Tariff and those of the Operating Practices, the provisions of this Tariff shall be controlling. These Operating Practices may be modified at any time by mutual agreement of the City and Licensee, provided such changes do not conflict with the terms and conditions of this Tariff.

City of Napoleon

Licensee Representative

Name

Name

Date

Date

Approved as to form and correctness:

By:

City Law Director

Exhibit A
Non-Standard Attachments

Attachments:

Annual Attachment Rate:

Non-Recurring Expenses:

Transfer of Licensee's equipment

Time and Materials Plus 10%

Rearranging of Licensee's equipment

Time and Materials Plus 10%

Second trip

Time and Materials Plus 10%

Exhibit B
Pole Attachment Rate
Effective November 1, 2017

I. Availability

Available throughout the service area of the Municipal Electric Distribution System of the City of Napoleon, Ohio (City) to cable television, Internet, data transmission, and/or other telecommunication services to make attachments (with the exception of pole mounted antennas) to City distribution poles for the sole purpose of providing cable, Internet, data transmission and/or other telecommunication services, subject to the General Rules, Terms and Conditions set forth in the City Pole Attachment Tariff (Tariff).

II. Applicability

Applicable to all cable, Internet, data transmission, and/or other telecommunications service entities that contract with the City to make attachments to City distribution poles.

III. Annual Rate

\$15.00 per Attachment annually based on a single point of wire line contact utilizing no more than one foot of vertical pole space.

IV. Tax and Assessment Adjustments

The rates and charges hereunder are based upon Federal, State, County, Municipal and other governmental levies, including gross receipts tax, income taxes, license fees and other impositions of similar character in effect as of November 1, 2017.

V. Terms of Payment

The above rates are net and payable upon receipt of City invoice. The accounts shall be considered delinquent if not paid by the date shown on the invoice. The General Rules, Terms and Conditions set forth in the Tariff shall apply to delinquent accounts.

VI. Special Provisions

City shall provide service in accordance with the Pole Attachment Tariff effective November 1, 2017.

VII. Term of Contract

One year with automatic renewal for successive one year periods until terminated with sixty (60) days written notice by either party.

Any previous agreements between the parties shall be considered terminated upon the effective date of this agreement.

Exhibit C

Pole Attachment Application and License
 (License effective on execution of this form by City)

New Attachment ☐ **Overlash Attachment** ☐

Notwithstanding any terms or conditions set forth on this application form, applicant's contractual rights, obligations, and remedies are set forth in, and governed solely by, the City of Napoleon Pole Attachment Tariff. The Tariff shall control to the extent of any conflict between the terms of this application and the terms and conditions of the Tariff. Incomplete applications will be returned to applicant without further action by the City of Napoleon. Required information includes the completed application, proposed schedule, prints and maps, proposed route, project description, and a copy of the Filing Fee check.

Application Information

Application # _____ Applicant Name _____ Date _____
 Corporate Rep. _____ Phone _____ Fax _____ E-mail _____

Project Description (Attach if necessary)	No. of City Poles	No. of foreign Poles	Planned Install Date

Proposed Cable Installation _____
 No. of cables to install _____
 Fiber count _____
 Pole count _____
 Cable diameter _____

Existing Cable Installation _____
 Existing cable count _____
 Existing pole count _____
 Cable(s) diameter _____
 Strand(s) diameter _____

Application Approval

Application Approved? Yes ___ No ___ Conditional (See attached report) ___

Make Ready Work Required? Yes ___ No ___

Actual Napoleon pole count _____ Actual foreign pole count _____

Actual Install Date _____

Comments/Notes (attach if necessary)

City Inspector (sign)	Phone	Fax	Email	Date

Make-Ready Work Cost Concurrence

If Make-Ready Work is required, certain City distribution equipment and/or other assets need to be changed in order to accommodate Licensee's attachments on the poles and route described in this application. The City or Licensee is responsible for all Make-Ready Work associated with this application. As provided under the City Pole Attachment Tariff, the City will bill Licensee for all engineering design, construction and inspection services necessary to process, review, and approve this application. If the City elects to perform Make-Ready Work, Licensee shall pay for all costs related to such Work. If Licensee is directed to perform Make-Ready Work, Licensee shall perform such Work at its sole risk and expense, including the cost of final inspection(s) by the City, its subcontractors, or its agents. By signature below, the City and Licensee indicate their understanding and acceptance of these terms and conditions notwithstanding any other related terms and conditions of the City of Napoleon Pole Attachment Tariff.

City of Napoleon

Licensee Representative

Name_____
Name_____
Date_____
Date

Electric Department Report August 2019

There were 11 callouts for the month of August. 4 callouts were outages due to animals getting into the lines. 4 callouts were due to faulty equipment. 2 callouts were to turn on electric services turned off for non-payment. 1 callout was an outage caused by tree limb falling across a secondary service.

Linemen/Service Truck: Linemen trimmed trees on Rd A. Crews installed URD's at West Villa Condos. Crews checked out a URD/drainage issue concern on Oak drive. Crews performed shutoffs for billing dept. Crews installed a new primary URD for cell tower installation on 9B. Crews replaced electric riser pole for Church at Glenwood and Kenilworth. Crews replaced a 3phase pole at the corner of East Barnes and Perry. Crews cleaned up limbs in wires after storm went through 8/19. Crews replaced a pole and anchor on Glenwood north of Kenilworth. Crews completed Forklift training w/ Sandi Sherwood/AMP. Linemen worked on a new 3phase bank for Campbell Soup on Rd. 12. Crews installed new secondary URD's at West Villa Condos. Linemen removed old Primary that fed power to old West School property. Crews trimmed trees on road T and Rd. V. Crews removed a recloser on Haley Street. Crews set a transformer on Rd. T. Linemen replaced 3 poles at the corner of Shelby and Maple streets. Crews also washed down service bldg. floor and cleaned trucks. The service truck lineman performed locates and service calls. He also attended classes for tow motor certification.

Substation Crew: Substation personnel performed monthly maintenance and monitored all Substations and generators. They also de-energized Southside substation and repaired a faulty switch along with doing testing and inspection on the tap changer and transformer windings. They then soaked the transformer and re-energized Southside Substation. They also were certified for tow motor operation.

Tree Crew: Jamie and Jerry trimmed small trees, vines and brush growing next to our utility poles throughout NPL system. Jamie attended arborist school in Knoxville, TN. Jerry helped crews as needed and mowed substations as needed when South Substation was out of service. He also cleaned areas of the shop.

Storeroom/Inventory/Meter Reading: Shawn read meters for billing Dept. He also purchased inventory and cleaned up yard as needed. Shawn also was assigned to work with line crew staff as needed.

The **Peak Load** for August 2019 was **26.53** MW occurring on the 8th at 2:30 PM. This was a decrease of 2.24 MW compared to August 2018. The **Average Load** for August 2019 was 18.07 MW. This was a decrease of 1.37 MW. The JV2 ran on 3 separate days and produced 5.26 MWh. The turbines ran on 8/19, 8/20 and 8/21 and produced 341.12 MWh. Solar information was not available to NPL.

City of Napoleon, Ohio



SUMMARY OF AUGUST 2019 OUTAGE/STANDBY CALL-OUTS

August 3, 2019:

Electric personnel were dispatched at 10:00 a.m. to 10-659 County Road P-3. The outage lasted one hour and affected one customer. The outage was due to a squirrel. Personnel replaced the fuse.

August 3, 2019:

Electric personnel were dispatched at 6:00 p.m. to County Road V west of County Road 16. The outage lasted one hour and affected seven customers. The outage was due to a transformer going bad. Personnel replaced line fuse.

August 3, 2019:

Electric personnel were dispatched at 8:15 p.m. to 16-774 County Road V. The outage lasted one and a half hour and affected one customer. The outage was due to a bad transformer. Personnel replaced the transformer.

August 7, 2019:

One employee was dispatched at 3:05 p.m. to Oakwood and Stevenson. The call-out resulted in a non-outage. The call-out was due to several turn ons.

August 7, 2019:

One employee was dispatched at 3:05 p.m. to County Road P-3. The call-out resulted in a non-outage. The call-out was due to a turn on.

August 12, 2019:

Electric personnel were dispatched at 5:37 p.m. to 113 Holly Hill Dr. The outage lasted one half hour and affected two customers. The outage was due to a fuse break. Personnel refused the 6 amp fuse.

August 14, 2019:

Electric personnel were dispatched at 8:05 p.m. to County Road 16-B north of County Road M-2. The call-out resulted in a non-outage due to a smoking pole. Personnel put out pole and put a new ridge pin on.

August 18, 2019:

Electric personnel were dispatched at 11:10 p.m. to 839 Welsted St. The outage lasted one and a half hours. The outage was due to a tree taking down service. Personnel put service back up and reenergized.

August 22, 2019:

Electric personnel were dispatched at 3:53 p.m. to 926 W Washington St. The outage lasted one hour and affected eight customers. The outage was due to squirrels getting into bare secondary wires. Personnel replaced the burnt secondary.

August 24, 2019:

Electric personnel were dispatched at 3:38 p.m. to 800 Scott St. The outage lasted one hour and affected six customers. The outage was due to a squirrel. Personnel refused the cutout.

August 26, 2019:

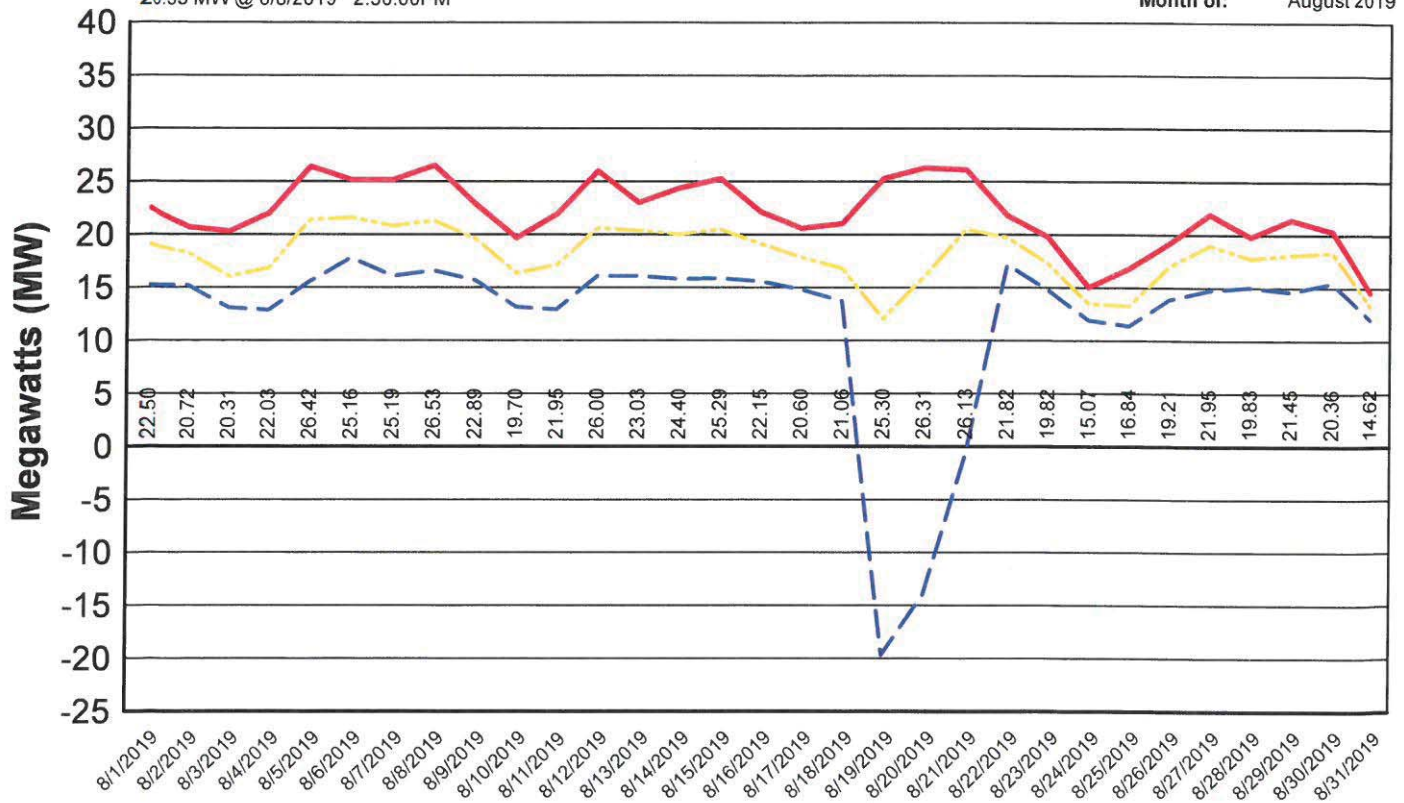
Electric personnel were dispatched at 12:39 a.m. to 9-369 County Road P-3. The outage lasted one hour and affected one customer. The outage was due to a raccoon. Personnel refused the cutout.

Napoleon Power & Light

System Load

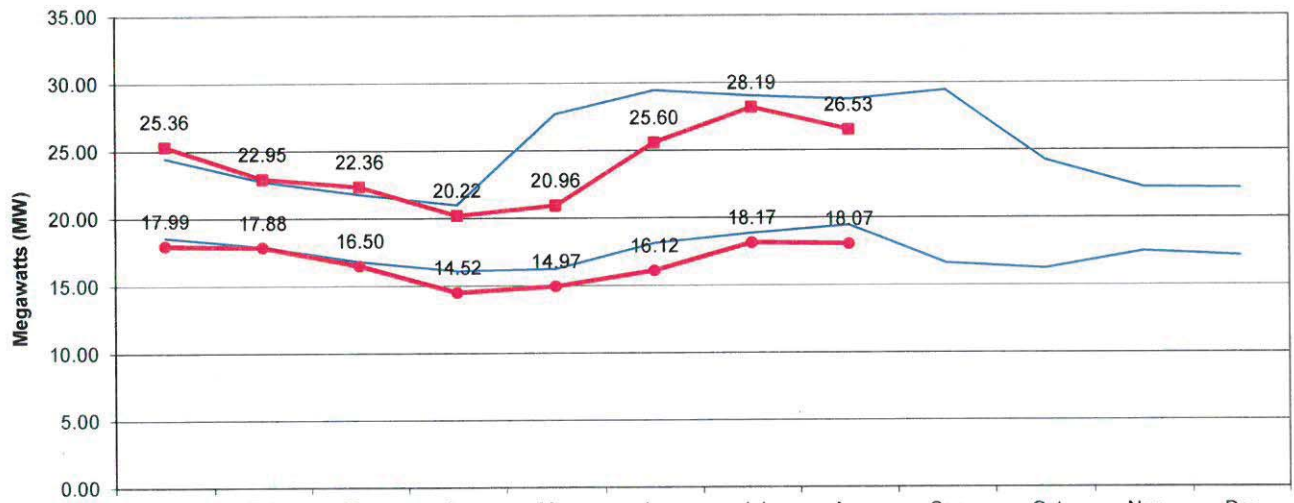
Peak Load:
26.53 MW @ 8/8/2019 2:30:00PM

Month of: August 2019



— Minimum - - Average - - Maximum

NAPOLEON POWER & LIGHT

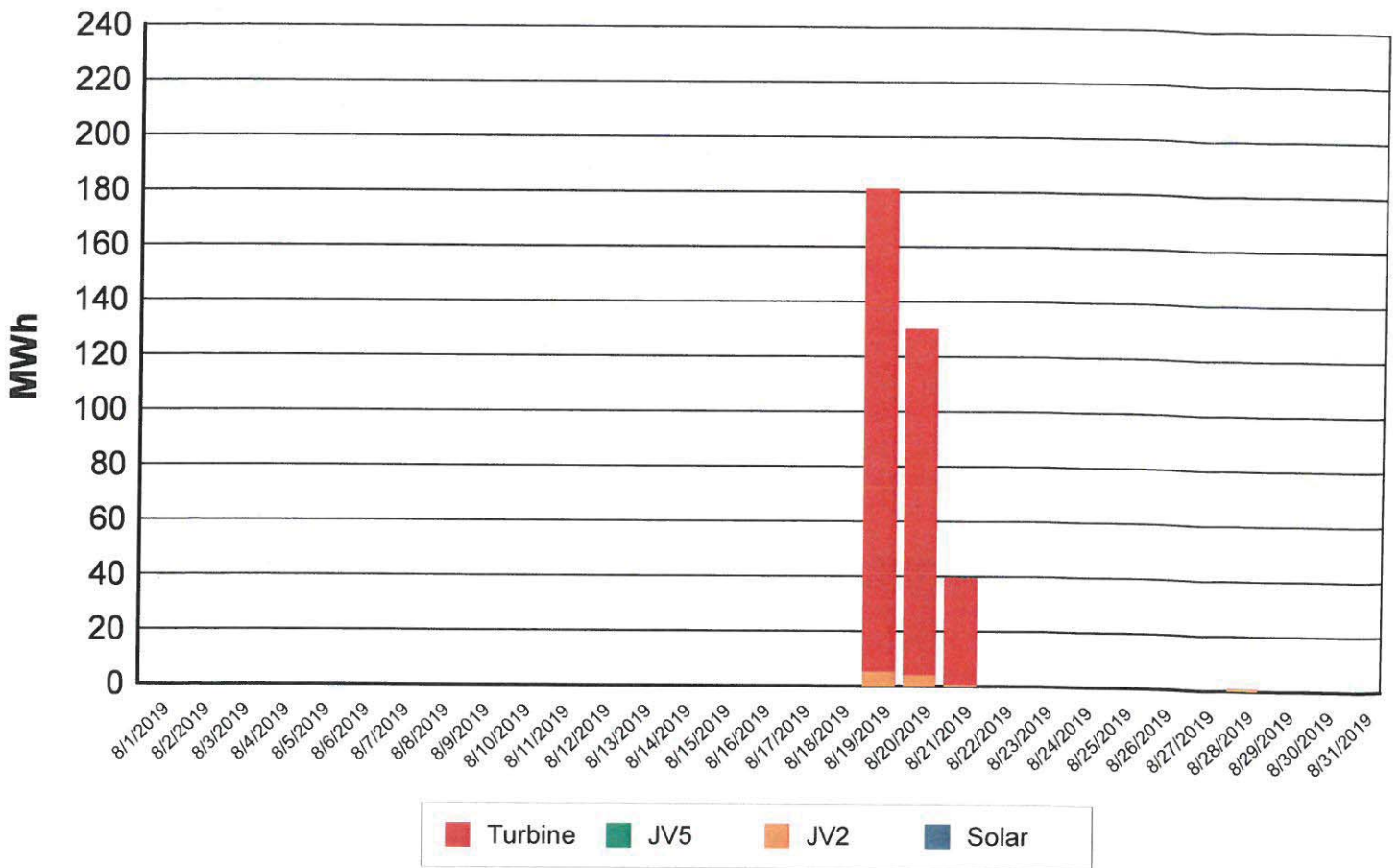


	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1/1/2018	1/1/2018	2/1/2018	3/1/2018	4/1/2018	5/1/2018	6/1/2018	7/1/2018	8/1/2018	9/1/2018	10/1/2018	11/1/2018	12/1/2018
2018 MAX	24.46	22.74	21.78	20.99	27.72	29.45	29.03	28.77	29.43	24.25	22.23	22.16
2018 AVG	18.58	17.91	16.80	16.11	16.25	18.14	18.87	19.44	16.64	16.23	17.49	17.15
2019 MAX	25.36	22.95	22.36	20.22	20.96	25.60	28.19	26.53				
2019 AVG	17.99	17.88	16.50	14.52	14.97	16.12	18.17	18.07				



Napoleon Power & Light

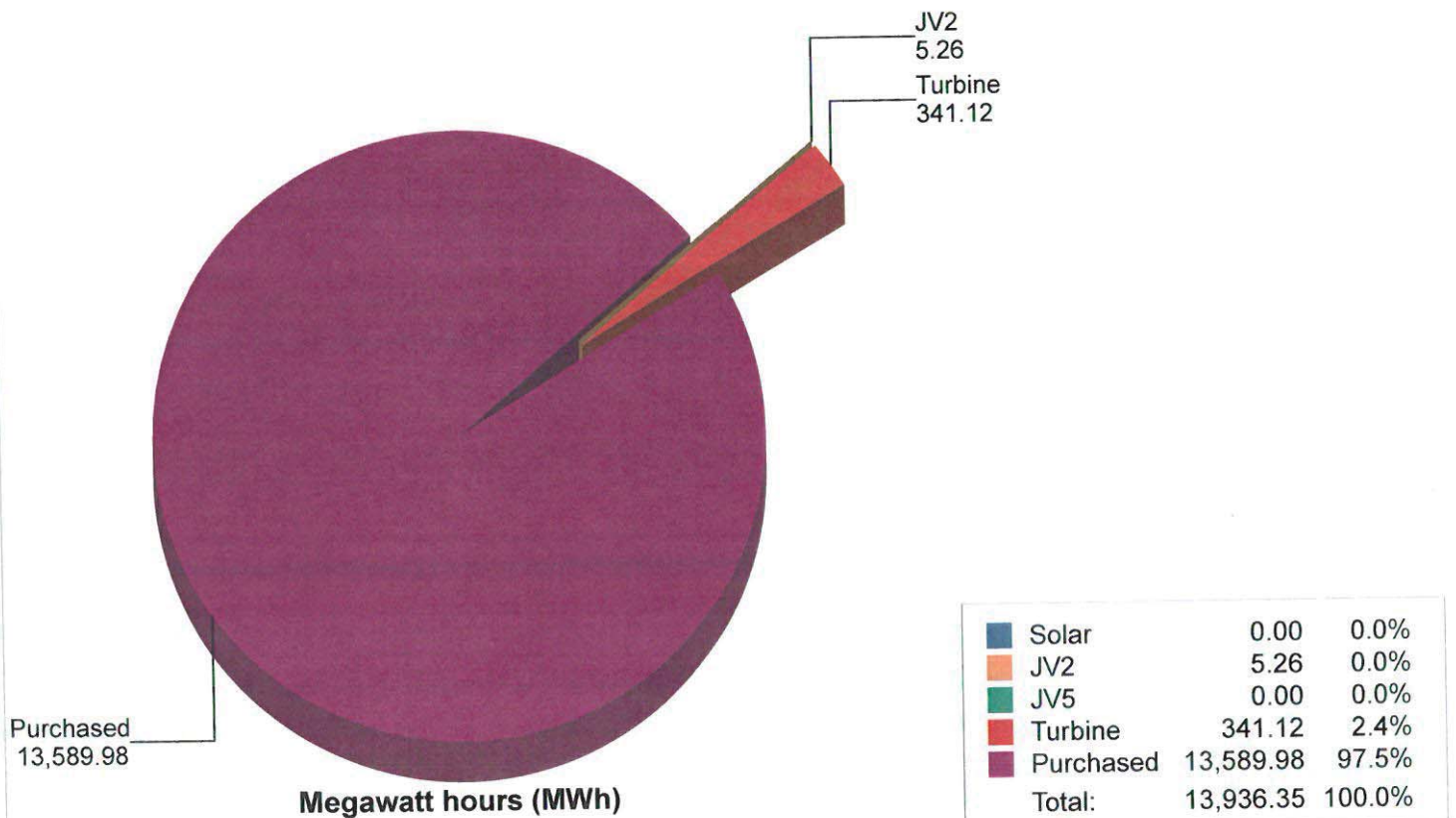
Daily Generation Output



Napoleon Power & Light

Power Portfolio

August 2019



City of Napoleon, Ohio

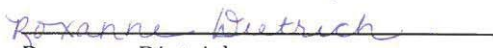
WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE

MEETING AGENDA

Monday, September 09, 2019 at 7:00 pm

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

- 1) Approval of Minutes: July 08, 2019. (In the absence of any objections or corrections, the Minutes shall stand approved).
- 2) Update on WWTP Phase I Improvements Project.
- 3) Long Term Control Plan (LTCP) Update.
- 4) Any other matters currently assigned to the Committee.
- 5) Adjournment.


Roxanne Dietrich
Interim Clerk of Council

WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE

Meeting Minutes

Monday, July 08, 2019 at 7:00 pm

PRESENT

Committee Members

Jeff Comadoll-Chair, Travis Sheaffer, Lori Siclair

BOPA Members

Dr. David Cordes-Chair, Mike DeWit, Rory Prigge

City Manager

Joel Mazur

Acting Finance Director

Christine Peddicord

Recording Secretary

Roxanne Dietrich

City Staff

Jeff Rathge, Operations Superintendent

ABSENT

Call to Order

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

Approval Minutes

Hearing no objections or corrections, the minutes from the June 10, 2019 meeting stand approved as presented.

Additional Refuse Bag

Mazur stated we were asked us to put together a summary to forecast what adding an additional refuse bag could do to our expenses and revenues. If a new employee was hired has been reflected in recycling and refuse, both accounts are in the sanitation fund. Salaries were up in 2017 and 2018 due to the loss of CCNO help for a few weeks each year; and secondly, expenses for both the spring and fall cleanup have gone up considerably. There are more disposal costs, more overtime and more people needed from other departments. With the additional employee we should see some kind of drop, when an employee calls off work and there aren't any CCNO workers available, garbage still has to be picked up and we have to get employees from another department at a higher wage, especially in the last couple of years when we have been getting less and less CCNO help. ODOT pays CCNO to use their workers and has been utilizing CCNO more often. Rathge noted today we were to get two CCNO workers and we only had one. Mazur continued we do not have enough time to factor in what the actual costs will be, we are still down one person we have had a couple of turnovers and are in the process of filling that position once again. It is a day-to-day challenge for Jeff. Prigge asked what happened to operating expenses in 2018? Rathge replied we had a truck break down and had to pay \$6,050 special services for rental of a truck \$1,270 was for repairs and we also bought more downtown containers at \$2,200 and then there was a cost for insurance. We have two trucks that we run every day and have one truck for backup and that one is in very bad shape. Mazur said if another bag is added we cannot predict if there will be an increase in the amount of garbage being thrown away or not, people are going to recycle less if they have two bags, we could see an increase in the disposal cost and garbage. Bag and tag will drop considerably, we figure an 80% drop as more people will use two bags, an 80% drop would be a \$25,000 swing in revenue with

Spring Cleanup Summary

Motion to Adjourn

Passed
Yea-3
Nay-0

Approved:

September 09, 2019

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Records Retention: FIN-33 Permanent

City of Napoleon, Ohio

BOARD OF PUBLIC AFFAIRS

Meeting Agenda

Monday, September 09, 2019 at 6:15 pm

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

- 1) Approval of Minutes: July 08, 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 September 2019: Power Supply Cost Adjustment (PSCA) 3-month averaged factor \$0.01255; JV2 \$0.023321.
- 3) Pole Attachment Agreement with Okolona Telephone Co. dba bright.net
- 4) Electric Department Reports.
- 5) Update on WWTP Phase I Improvements Project. (with Water & Sewer Committee)
- 6) Long Term Control Plan (LTCP) Update. (with Water & Sewer Committee)
- 7) Any other matters to come before the Board.
- 8) Adjournment.



Roxanne Dietrich
Interim Clerk of Council

BOARD OF PUBLIC AFFAIRS

Monday, July 08, 2019 at 6:15 pm

Page 1 of 3

Other Matters

Motion to Recess

Passed

Yea-3

Nay-0

Meeting Reconvened

Additional Refuse Bag

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Records Retention: FIN-33 Permanent

Mazur noted no action is needed.

Mazur stated the report is pretty straight forward, this year was less expensive than last year due to less volume. Rathge added it rained four out of the five days. Prigge asked if the recyclables are put out to bid? Rathge replied *yes*, we try to give them a couple of weeks, it is hard to do yearly when you are working in a volatile market.

Motion: DeWit Second: Prigge
to adjourn the Board of Public Affairs meeting at 7:26 pm.

Nay-

Dr. David Cordes - Chair

City of Napoleon, Ohio

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

MEETING AGENDA

Monday, September 09, 2019 at 7:30 pm

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

- 1) Approval of Minutes: July 08, 2019 (In the absence of any objections or corrections, the Minutes shall stand approved)
- 2) 2020 Annual Resurfacing Project.
- 3) Henry County Transportation Network Proposal for Additional Vehicle in Napoleon.
- 4) Any other matters currently assigned to the Committee.
- 5) Adjournment.

Roxanne Dietrich

Roxanne Dietrich
Interim Clerk of Council

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

MEETING MINUTES

Monday, July 08, 2019 at 7:30 PM

PRESENT

Members:
City Manager
Acting Finance Director
Recording Secretary
City Staff
Others

Lori Siclair-Chair, Jeff Mires, Jason Maassel, Joseph D. Bialorucki
Joel Mazur
Christine Peddicord
Roxanne Dietrich
Jeff Rathge, Operations Superintendent
Dennis Miller, Maumee Valley Planning Organization

ABSENT

Call to Order

Chairman Siclair called the Municipal Properties, Building, Land Use and Economic Development Committee meeting to order at 7:30 pm.

Approval of Minutes

Hearing no objections or corrections, the minutes from the June 10, 2019 meeting stand approved as presented.

American Road Improvements Project

Mazur reported for the American Road Improvements Project we submitted to the Transportation Improvement District a Grant for \$250,000, this is from ODOT and has not been secured yet we should hear back in July. The ODOT 629 Funding through Regional Growth Partnership we were able to secure a grant in the amount of \$250,000, a grant of \$150,000 was secured through ODOT Jobs and Commerce, Maumee Valley Planning Organization and Love's submitted for a Small Cities Economic Development Grant in the amount of \$500,000, we are still waiting to hear back on that. Dennis Miller from Maumee Valley Planning Organization (MVPO) said the application deadline was July 1st and usually takes forty-five days before we hear anything. Mazur continued the original cost estimate was three million dollars, Love's portion will likely increase as the engineering firm hired to do the study traffic may have additional items to add including a traffic light and widening of Industrial Drive and American Road, that's another \$400,000.

Tax Increment Financing (TIF) to fund the remainder of the project is \$1,450,000 and could be up to \$1.7 million.

Dennis Miller from MVPO explained what a TIF is. Basically what the tax increment financing (TIF) would do is provide an economic development mechanism to finance public infrastructure improvements that involves designating a parcel or parcels and incorporating them as an incentive parcel. You keep the base value of the property for tax purposes, any improvements on top of that you can redirect the taxes to payment in lieu of taxes for distribution between the school and the city to pay off the infrastructure costs. There are a number of parcels that would benefit from roadway improvement both on the north and south side, as parcels

**ODOT SAFETY PROJECT
HEN-24 St. Rt. 108**

develop you can recapture funds for payoff of infrastructure. Maassel asked how long the TIF district lasts. Miller replied if the school district is not consulted the exempt value is up to 75% for a ten-year term, if the school district is consulted and supports it we can go to thirty years at 100%, the school district would get some money redirected back to them. The best circumstance would be to go thirty years to pay off a million dollars. When that debt is retired the tax abatement would terminate it could be fifteen or twenty years all depends on how quickly the area develops and get revenues in to pay off the debt. The property is assessed the way the County Auditor would normally appraise the property. Maassel confirmed this is just property tax. Miller said only property taxes there is a provision in the statute if invest over \$1.5 million the school district does have the opportunity to request revenue sharing on income tax, that is something we will have to revisit as the whole thing develops. Maassel said we are setting up future councils and school boards for potential revenue increases. Miller noted to finance infrastructure there will need to be some kind of bond issuance. Mazur noted American Road by Oakwood is in pretty bad shape, it is inevitable we have to do something with the road and this presents an opportunity to fix the road through these mechanisms and not touch our capital fund. Miller said legislation will need to be implemented. Mazur added we won't need any action until we hear back from TIF so maybe at the next Council meeting or we may wait until mid-August before we hear back. There is enough development going on out there right now we should see income needed to pay back any kind of debt covering all parcels or just parcels developed now. Miller said this can be done in phases can do south side now and add north side later. By adding later stretches out the thirty years, the infrastructure needs may vary over time. The first phase is based on what the engineer's estimate is and if can revenues anticipated from immediate developments can be projected would be the first phase and we would work from there. Mazur noted will bring back to full council at the right time.

Mazur reported an application was submitted for the ODOT Safety Grant for the intersection of Scott Street and St. Rt. 24 exit ramp on the north side. As noted on the conceptual drawing construction would consist of a regular roundabout with a sidewalk from Bonaparte past Wood Drive. Maassel noted it would connect to the existing sidewalk on Scott Street. Mazur said the total project cost is 3.9 million dollars with the City's share being 10% or \$391,385.00. Maassel asked if this included the engineering. Mazur replied I was just told today it does include engineering, construction would be in 2022, that is ODOT's fiscal year construction would actually be in the summer of 2021. I'm not sure yet if we would have to contribute funding to the project then, I will get better answers on that when the times comes, either ODOT or the City can run the project. The roundabout will slow the traffic speed down which will be better for pedestrians. Maassel asked how much would \$400,000 buy of sidewalk without the roundabout? Mazur responded \$400,000 would do the whole

Any Other Matters

Motion to Adjourn

Date Approved:

Lori Siclair – Chair



City of Napoleon, Ohio

Department of Public Works

255 West Riverview Avenue, P.O. Box 151

Napoleon, OH 43545

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

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

www.napoleonohio.com

Memorandum

To: Joel L. Mazur, City Manager
From: Chad E. Lulfs, P.E., P.S., Director of Public Works
cc: Municipal Properties Committee
Kelly O'Boyle, Finance Director
Roxanne Dietrich, Interim Clerk of Council
Date: September 6, 2019
Subject: 2020 Roadway Projects

For 2020 I am proposing several roadway projects. Below is a preliminary list:

<u>Description</u>	<u>Estimated Pavement Budget Cost</u>
S. Perry Street Resurfacing	\$130,000
E. & W. Graceway Street Improvements	\$450,000
Glenwood Waterline Improvements	\$155,000
Euclid Avenue Sanitary Sewer Repair	\$20,000
American Road Improvements (Design 2020)	\$150,000
S.R. 108 & U.S. Route 6/24 Interchange (Design)	\$351,850
Oakwood Avenue Improvements (Design 2020)	\$400,000

The S. Perry Street Resurfacing project will be done in conjunction with O.D.O.T.'s project which will resurface S.R. 108 between Holgate and Napoleon.

E. & W. Graceway was scheduled for 2019 but was deleted due to a shortage of funds.

With the improvements proposed with the new aquatic center, staff and I recommend replacing the waterline on Glenwood Avenue. This line is in critical condition and desperately needs to be replaced. As part of this project I propose resurfacing Glenwood Avenue from W. Riverview Avenue to the railroad crossing.

We discovered a collapsing sanitary sewer on Euclid Avenue. We propose replacing this section of sewer. Because of its proximity to the edge of the pavement, a portion of Euclid Avenue will need to be replaced.

As part of the development in the American Road & Oakwood Avenue area, we have proposed improving the streets. Several funding sources have been obtained for the projects in this area.

Design will begin on the S.R. 108 (Scott Street) & U.S. Route 6/24 Interchange. The City is responsible for 10% of the project cost (approximately \$3.5MM). The City's portion is required to

be paid up front. The estimated design cost is \$675,000; I am trying to find out if we can pay the 10% of design in 2020 and 10% of the construction cost once we get to that point (2023). A copy of the project announcement from O.D.O.T. is attached.

This year I applied for funding to improve Oakwood Avenue between downtown and Independence Drive. The estimated cost for this project is \$4.0MM. I obtained \$2.0MM from the Small City's program through O.D.O.T. However, this can only be used for construction costs. The estimated cost for design is \$400,000 and needs to be started in 2020. A copy of the award letter is attached.

Please note that with the recent increase of the gas tax in Ohio, the estimated increase to the City of Napoleon is approximately \$210,000 annually. The project from O.D.O.T. is attached.

CEL

OHIO DEPARTMENT OF TRANSPORTATION

INTER-OFFICE COMMUNICATION

TO: Christopher Waterfield, District 2 Safety Review Team Chair

FROM: Michelle May, Safety Program Manager

SUBJECT: Safety Project Applications for April 2019

DATE: June 25, 2019

The Safety Program Committee has reviewed the following applications and has approved or denied funding for these projects based on a variety of criteria including statewide/local priority, countermeasures identified and available funding.

Decision-making is always difficult. ODOT districts and local governments submitted 36 projects worth more than \$94.5 million this round. We appreciate your efforts to review and submit these applications.

HEN-24-0.43 (201905D02-01)

Description: Convert the at-grade intersection at County Road 17D to a diamond interchange. This will also eliminate left-turns at four at-grade intersections along the corridor (Banner School Road, CR-17, TR-16 and CR-P).

Decision: Approved for \$175,000 PE-ENV for FY 2020; \$100,000 in Design for FY 2020; \$925,000 in ROW for FY 2021; and \$7.7M in Construction funds for FY 2023. Please program this work using 90% 4HJ7 and 10% local match.

HEN-108-17.40 (201905D02-02)

Description: Convert the ramp intersection at State Route 108 and westbound US Route 24 to a modern roundabout. Install sidewalks.

Decision: Approved for \$473,538 in PE-Design funds in FY 2020; \$200,000 in ROW funds for FY 2021; and \$2,845,020 in Construction funds for FY 2022. Please program this work using 90% 4HJ7 and 10% local match.

This funding is contingent on beginning project development earlier (as reflected in the revised fiscal years) and removing the sidewalk on the east side. The committee is concerned that the east side sidewalk is not needed and will channel pedestrians into the roundabout, which may be problematic because of its proximity to traffic coming off the interchange.

LUC-Bancroft and Holland Sylvania Intersection-10.13 (201905D02-03)

Description: Miscellaneous intersection improvements including overhead signs, upgrading and optimizing signal timing, adding back plates and installing countdown pedestrian crossing signals.

Decision: Approved for \$138,000 in Construction funds for FY 2021. Please program this work using 100% 4HJ7.

SAN-20-20.80 (201905D02-04)

Description: Converting the intersection at County Road 198 and 299 to an interchange.

Decision: Not approved. The committee wants to help address the severity concerns at this intersection. Please work with Roadway Engineering to review other, less costly improvements, then return to the committee for funding.

WOO-Bishop at Brim Road-2.28 (201905D02-05)

Description: Construct a roundabout.

Decision: Not approved. Large funding request at a location with few crashes and no regional priority.

I am requesting that all new approvals be programmed in Ellis by July 31. **The Program Manager must be notified when this is completed and provided a PID number.** This will enable us to publish an updated safety program that has been fiscally balanced using Ellis.

These selections are contingent upon the availability of future federal funds. We will notify the project sponsor if the funding commitment changes. **If these are locally sponsored projects, the award of these funds is contingent upon the receipt of any outstanding payments owed ODOT for previously completed projects.**

Thank you for your submissions. If you have any questions, please contact me at (614) 644-8309.



OHIO DEPARTMENT OF TRANSPORTATION

John R. Kasich, Governor

Jerry Wray, Director

1980 W. Broad Street, Columbus, OH 43223

614-466-7170

transportation.ohio.gov

August 28, 2019

Mr. Chad Lulfs, P.E., P.S.
City of Napoleon
255 West Riverview Avenue
P.O. Box 151
Napoleon, Ohio 43545

Dear Mr. Lulfs:

The Ohio Department of Transportation (ODOT) is pleased to inform you that the Oakwood Avenue Reconstruction project has been selected for funding in the Small City Program. The project selections are contingent upon the availability of future federal funds.

In the past, ODOT has provided 80% of the eligible costs in Federal funds through the Small City Program. This year the program is utilizing Toll Revenue Credit (TRC) to provide 95% of the eligible costs, up to a maximum of **\$2,000,000** in Federal funds through the Small City Program, for project award in State Fiscal Year (SFY) 2023.

Please provide written acceptance of the awarded Small City funds by **Friday, September 27, 2019** via email to Nichole.Lawhorn@dot.ohio.gov. If acceptance is not received by this date, the funds will be rescinded and awarded to another project in order to ensure a fully funded program.

Please contact Aaron Behrman, in the ODOT District 2 office at (419) 373-4403, to schedule a project scope meeting and to start the process of programming your project. It is crucial to establish solid commitment dates that meet the award date for your project. Failure to meet the agreed upon dates could result in funding being withdrawn.

If you have any questions, please feel free to contact me at (614) 752-6581 or at the email address provided above.

Respectfully,

Nichole Lawhorn
Program Manager
Office of Local Programs

c: Aaron Behrman, ODOT District 2

Ohio Department of Transportation
Motor Fuel Tax Comparison of - Original and HB62 as Signed
Estimation of Local Gas Tax Revenues For State FYs 2020 - 2021

Includes updated township formula.

Key Assumption: Motor fuel consumption estimated to be approximately 1% growth through SFY21.

Estimated

City - C, Village - V or County Township - T			SFY 2020			SFY 2021		
			Original	HB62	Difference	Original	HB62	Difference
				Orig 28cpg + 10.5cpg Gas 19cpg Diesel (July 1)			Orig 28cpg + 10.5cpg Gas 19cpg Diesel (July 1)	
			Original 28cpg	Est Grand Total	Original Compared with HB62	Original 28cpg	Est Grand Total	Original Compared with HB62
Henry	Bartlow	T	90,475	\$147,205	\$56,729	91,610	\$148,827	\$57,218
Henry	Damascus	T	90,475	\$147,205	\$56,729	91,610	\$148,827	\$57,218
Henry	Deshler	V	67,888	\$110,342	\$42,454	68,746	\$111,565	\$42,819
Henry	Flatrock	T	90,475	\$147,205	\$56,729	91,610	\$148,827	\$57,218
Henry	Florida	V	9,931	\$16,141	\$6,210	10,056	\$16,320	\$6,264
Henry	Freedom	T	90,475	\$147,205	\$56,729	91,610	\$148,827	\$57,218
Henry	Hamler	V	24,775	\$40,268	\$15,493	25,088	\$40,714	\$15,626
Henry	Harrison	T	90,475	\$147,205	\$56,729	91,610	\$148,827	\$57,218
Henry	Holgate	V	41,729	\$67,825	\$26,096	42,257	\$68,577	\$26,320
Henry	Liberty	T	90,475	\$147,205	\$56,729	91,610	\$148,827	\$57,218
Henry	Liberty Center	V	44,532	\$72,380	\$27,848	45,095	\$73,183	\$28,088
Henry	Malinta	V	9,204	\$14,960	\$5,756	9,320	\$15,126	\$5,805
Henry	Marion	T	90,475	\$147,205	\$56,729	91,610	\$148,827	\$57,218
Henry	Mcclure	V	27,889	\$45,329	\$17,440	28,241	\$45,832	\$17,590
Henry	Monroe	T	90,475	\$147,205	\$56,729	91,610	\$148,827	\$57,218
Henry	Napoleon	C	336,257	\$546,536	\$210,279	340,507	\$552,594	\$212,087
Henry	Napoleon	T	90,475	\$147,205	\$56,729	91,610	\$148,827	\$57,218
Henry	New Bavaria	V	4,360	\$7,086	\$2,726	4,415	\$7,165	\$2,750
Henry	Pleasant	T	90,475	\$147,205	\$56,729	91,610	\$148,827	\$57,218
Henry	Richfield	T	90,475	\$147,205	\$56,729	91,610	\$148,827	\$57,218
Henry	Ridgeville	T	90,475	\$147,205	\$56,729	91,610	\$148,827	\$57,218
Henry	Washington	T	90,475	\$147,205	\$56,729	91,610	\$148,827	\$57,218



City of Napoleon, Ohio

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

Memorandum

To: Board of Zoning Appeals, City Council, Mayor, City Manager, City Law Director, City Finance Director, Department Supervisors, News media
From: Roxanne Dietrich, interim Clerk of Council *[Signature]*
Date: September 05, 2019
Subject: BZA – Cancellation

The regularly scheduled meeting of the Board of Zoning Appeals set for Tuesday, September 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

www.napoleonohio.com

Memorandum

To: City Council, Mayor, City Manager, City Law Director, City Finance Director, Department Supervisors, News media
From: Roxanne Dietrich, *Interim* Clerk of Council *rd*
Date: September 5, 2019
Subject: Planning Commission – Cancellation

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

City of Napoleon, Ohio

HEALTHCARE COST COMMITTEE

Meeting Agenda

Thursday, September 12, 2019 at 8:00 am

LOCATION: Council Chambers, 255 W. Riverview Avenue, Napoleon, Ohio 43545

- 1) Approval of Minutes: August 16, 2019. *(In the absence of any objections or corrections, the Minutes shall stand approved.)*
- 2) Review of Healthcare Costs.
- 3) Any other matters currently assigned to the Committee.
- 4) Adjournment.



Roxanne Dietrich

interim Clerk of Council

AMP Update for Aug. 30, 2019

American Municipal Power, Inc.

Fri 8/30/2019 2:22 PM

To: Roxanne Dietrich <rdietrich@napoleonohio.com>



August Board meeting update

By Marc Gerken, P.E. - President/CEO

The AMP Board of Trustees held its monthly meeting, Aug. 22. Below is a brief, high-level update of the meeting

Member services

The AMP Board received an update from staff regarding the review of AMP's Economic Development Program and the resulting recommendations. Earlier this year, the Board approved staff contracting with a third-party firm to conduct a gap analysis of our Economic Development program. Additionally, staff conducted interviews with more than 20 members regarding their top challenges and opportunities on this front. A number of common themes emerged through the review process, including the need for AMP to better support our members with lead generation, lead responses, public power messaging and best practice training. The information garnered through the review process has been used to prepare budget requests for 2020 and will be communicated with members in the coming months as program enhancements are undertaken.

Power supply and generation projects

AMP Fremont Energy Center generation performance for July was above the original forecasts with a 79 percent capacity factor. Prairie State performance for July was below original forecasts due to four forced outages with three resulting from boiler tube leaks. Overall hydro generation performance for the month of July was above projections with Belleville, Cannelton, Greenup, Meldahl and Willow Island generation all above anticipated production for the month, however, Smithland was below anticipated production due to river conditions. Solar production during the month was higher than projections. Diesel and natural gas peaking project resources operated during peak PJM system load periods and peak regional transmission system load periods. Power supply planning presented a recommended strategy for the upcoming PJM 2021-2022 first incremental capacity auction, which was approved by the Committee and Board of Trustees.

Transmission and RTO

AMP initiated a PJM stakeholder process to make governing document changes by January 2020 to have transmission projects with end of life drivers be under PJM's criteria, rather than that of the individual Transmission Owner's. This will affect approximately 80 percent of supplemental projects.

The Board authorized AMPT to respond to Dover's request for proposals to sell their 138kV assets. Additionally, AMPT is moving forward with the acquisition of Amherst's 69kV transmission assets.

CEO Search Committee

The Committee reported out to the full Board that the kickoff meeting with the the search firm, Heidrick and Struggles, will commence with Phase I, which will run through October and will primarily consist of benchmarking the position and defining the attributes and job description of a new CEO.

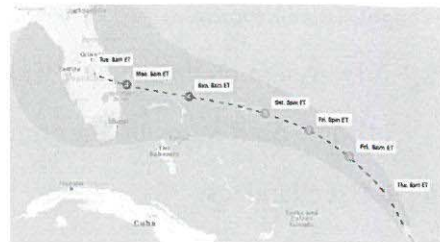
If you have any questions or need additional information about the Board meeting, please contact me at mgerken@amppartners.org or 614.540.1111.

AMP member communities prepare to provide mutual aid following Hurricane Dorian

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

In the coming week, 11 AMP member communities will be sending crews to Florida to assist with any mutual aid needs following the expected landfall of Hurricane Dorian.

Bowling Green, Bryan, Cuyahoga Falls, Dover, Ephrata, Orrville, Piqua, Philippi, Wadsworth and Westerville will be responding to Ocala, Fla., and Paducah will be responding to Winter Park, Fla. AMP thanks all of the communities and the participating lineworkers for answering the call for aid.



If you have questions about mutual aid or are interested in signing up for the program, please contact Jennifer Flockerzie at jflockerzie@amppartners.org or 614.540.0853.

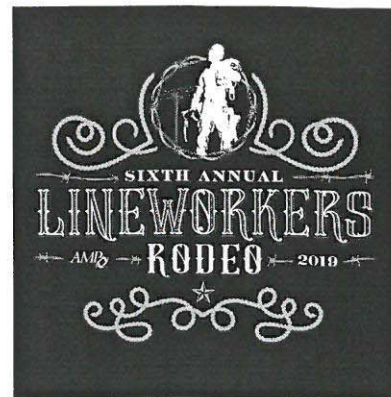
Competitors showcase skills during 2019 AMP Lineworkers Rodeo

By Michelle Palmer, P.E.

Lineworkers representing AMP member communities showcased their skills during the Sixth Annual AMP Lineworkers Rodeo, Aug. 23-24 at AMP headquarters in Columbus.

Participants from Cleveland, Columbus, Jackson Center, Piqua, Tipp City, Wadsworth and Westerville competed in five events that were designed to test the skills demanded daily in the field, including hurtman rescue, 2 phase horizontal cutout change out and others.

Winners were evaluated and scored on safety, work practices, neatness, ability, equipment handling and timely event completion. Overall winners will be offered sponsorship to attend and compete in the national American Public Power Association Rodeo in 2020. A full list of event winners are available on the [Rodeo page](#) of the [AMP website](#).



There is still space available for the Hotline Training course scheduled for Oct. 7-10 at AMP headquarters in Columbus.

Designed to provide an in-depth understanding of proper work techniques for line construction from the bucket, this course will focus on the skills and knowledge required for the job. Similar to AMP's climbing class, the course is entirely hands-on and performed from the bucket. It is geared toward those who work in operations and is an expansion of the existing lineworker training series.

Please note, a harness is required for participation in this course.

To register, or for more information, contact me at jflockerzie@amppartners.org or 614.540.0853.

2019 AMP/OMEA Annual Conference to feature session on transmission

By Pamala Sullivan, AMP executive vice president of power supply and generation operations

The Transmission session at the 2019 AMP/OMEA Annual Conference scheduled for Sept. 24 will focus on AMP's efforts to control transmission costs and other associated issues.

Addressing increasing transmission costs is one of AMP's strategic initiatives. Attendees will be updated on AMP's efforts on the PJM regional and local planning process, the PJM stakeholder process, FERC activities, annual transmission owner formula rate reviews and AMP Transmission.

Conference registration can be completed [here](#).

Energy market update

By Jerry Willman - assistant vice president of energy marketing

The October 2019 natural gas contract increased \$0.074/MMBtu to close at \$2.296 yesterday. The EIA reported an injection of 60 Bcf for the week ending Aug. 23, which was slightly above market expectations of 57 Bcf. Natural gas stocks were 363 Bcf higher than last year at this time and 100 Bcf below the five-year average of 2,957 Bcf. At 2,857 Bcf, total working gas is within the five-year historical range.

On-peak power prices for 2020 at AD Hub closed yesterday at \$32.16/MWh, which increased \$0.02/MWh for the week.

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

Week ending Aug. 30

MON	TUE	WED	THU	FRI
\$23.63	\$24.13	\$25.46	\$26.58	\$27.35

Week ending Aug. 23

MON	TUE	WED	THU	FRI
\$37.58	\$33.98	\$34.54	\$27.20	\$23.74

AEP/Dayton 2020 5x16 price as of Aug. 29 — \$32.16

AEP/Dayton 2020 5x16 price as of Aug. 22 — \$32.14

AFEC weekly update

By Jerry Willman

PJM's typical dispatch for the AMP Fremont Energy Center is shifting from a summer profile into a fall pattern, such that the plant sees less demand for duct firing and more overnight shutdowns due to cooler temperatures and lower off peak demand. PJM cleared the plant offline overnight Saturday through Thursday due to economics, but the plant stayed online Wednesday for real-time operations. Duct firing operated for 28 hours this week. For the week, the plant generated at a 59 percent capacity factor (based on 675 MW rating).

Alexander Norwood joins AMP as corporate health and safety coordinator

By Lee Doyle - manager of corporate health and safety

Alexander Norwood joined AMP on Aug. 26 as corporate health and safety coordinator. In this role, Norwood will provide technical expertise to improve safety for AMP employees in the corporate office, generation facilities and elsewhere.

Prior to joining AMP, Norwood served as safety manager/consultant for Haztek Safety Management-Paragon Bioservices. He is a veteran of the United States Air Force and holds a bachelor's degree in occupational safety and health from Columbia Southern University.



Please join me in welcoming Alexander to AMP.

Security tip - Confirm your unsubscribe request? Not so fast.

By Jared Price - vice president of information technology and CTO



If you're subscribed to a large number of digital mailing lists, your inbox can quickly become unmanageable and the word "unsubscribe" becomes your new best friend - but not so fast!

Recently, there has been an uptick in a phishing scam where the bad guys send emails appearing to be a confirmation of your request to unsubscribe from a mailing list. The subject lines of these emails are usually similar to: "Confirm your unsubscribe

request," or "Client #980920318 To_STOP_Receiving These Emails From Us Hit reply And Let Us Know."

Should you fall for this trick and click the "unsubscribe" email link, it will trigger a "new email" window to appear in your mail client. This new email will be addressed to 15-20 recipients and will contain "Unsubscribe" in the subject line.

Do not click "Send" on that email!

The 15-20 recipients of this email are actually accounts set up for spamming purposes. If you send this email, the spammers will know your email address is a "live one" and they will add it to their list. Such lists can be used in other, more lucrative scams.

Follow these tips to avoid scams like this one:

- The bad guys expect you to click and respond without thinking. STAY ALERT! Don't be a victim.
- NEVER click on links in emails that you were not expecting, or that are generally vague and lacking information.

Never reply to people you don't know, or weren't expecting an email from. Even if it appears to be from someone you know, it's best to pick up the phone and call them to be sure.

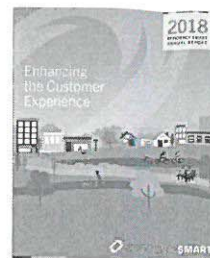
Efficiency Smart 2018 Annual Report available

By Steven Nyeste - senior marketing project manager - Efficiency Smart

The 2018 Efficiency Smart Annual Report is now available. The publication reflects on how Efficiency Smart works closely with partnering communities to listen, learn, and improve services to better meet communities and their electric customers' needs. The report includes overall Efficiency Smart achievements in 2018 and select highlights.

Efficiency Smart's 2018 annual report is available in digital format and can be viewed [here](#).

For more information regarding Efficiency Smart's services, visit www.efficiencysmart.org or call 877.889.3777.



New content from the Smart Electric Power Alliance

By Brad Benton - senior manager, membership - SEPA

As an AMP member, you have unlimited access to all Smart Electric Power Alliance (SEPA) content. From webinars to research reports to participating in working groups, it's all included in your AMP membership.



**Smart Electric
Power Alliance**

Below is a snapshot of a few recent reports as well as upcoming webinars and events. You can access all of these resources and more at www.sepapower.org.

Webinars

Emerging Energy Marketplaces: Transactive Energy Systems

Sept. 5 - 2 p.m.

Is the industry ready for more Transactive Energy (TE)? What role should the distribution utilities play? During this interactive webinar, you'll learn from experts implementing transactive energy and hear their lessons learned and what they see as the next steps. Register [here](#).

Charting Your Grid Modernization Roadmap

Sept. 19 - 2 p.m.

Get a crash course in best practices and strategies for successful programs from the experts at SEPA. Our speakers will touch on four common components of any grid modernization program (non-wires alternatives, microgrids, customer impacts and pilot programs). Register [here](#).

Reports

2019 Utility Energy Storage Market Snapshot

This report includes energy storage deployment data by utility type and market segment, interconnection data from over 211 US electric utilities and market drivers including energy storage policy updates and programs. Download [here](#).

2019 Utility Solar Market Snapshot

This report includes solar deployment data for utility-supply, non-residential and residential customer classes; interconnection data from over 500 U.S. electric utilities (74 percent of all customer accounts); and in-depth analysis of investor-owned, public power and electric cooperative utilities. Download [here](#).

As always, don't hesitate to contact Spencer Schecht on the SEPA Membership Team to learn more about your benefits. He can be reached at sschecht@sepapower.org or 202.350.4671.

AMP Update for Sept. 6, 2019

American Municipal Power, Inc.

Fri 9/6/2019 3:08 PM

To: Roxanne Dietrich <rdietrich@napoleonohio.com>

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



AMP member mutual aid crews released

By Scott McKenzie - director of member training and safety

After travelling south in anticipation of Hurricane Dorian making landfall this week, AMP member crews were released home by the City of Ocala after the storm turned sharply north, mostly sparing the state of Florida from its destruction.



A crew from Danville remained deployed to New Bern, N.C., and crews from Berlin, Md., and Ephrata reported to the pre-staging area in Franklin, Va., in advance of the storm's arrival to that state. All other crews remain available as the storm continues its track north.

AMP was well represented at the national level of mutual aid with 15 member communities taking part in the effort in one way or another. We would like to thank all the communities that traveled south or made themselves available to do so including Berlin, Md., Bryan, Bowling Green, Cuyahoga Falls, Danville, DEMEC, Dover, Ephrata, Napoleon, Orrville, Paducah, Philippi, Piqua, Wadsworth and Westerville. Your willingness to help those in need is appreciated!

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

AMP/OMEA Annual Conference mobile app available

By Bethany Kiser - senior manager of digital content

The AMP/OMEA Conference mobile app is live and ready for download. Look for an email in the coming days providing you with a unique event password and links to download the app. Only conference registrants will receive access. Those who have not registered yet will receive the email after registration.

This year's app includes a detailed schedule of event sessions with links to speaker biographies and room locators.

If you still have the AttendeeHub app on your device from last year, open the app (which will display the 2018 conference) and tap the menu button in the top left corner to select: Switch Event. Use the search bar to enter: 2019 amp/omea to locate the event, and enter the password from the email to download it. If

you want to post photos/comments or view your personal schedule, you must log in by simply entering your name and a verification code that will be sent to the email address on file with your registration.

If you have questions about the conference mobile app, please contact me at bkiser@amppartners.org or 614.540.0945.



Conference session to feature retiring CEOs

By Zachary Hoffman - communications and public relations specialist

The first morning general session of the 2019 AMP/OMEA Annual Conference scheduled for Sept. 24, 9 a.m., will feature AMP President and CEO Marc Gerken and American Public Power Association President and CEO Sue Kelly in their final year as leaders of their respective organizations before their upcoming retirements.

During the session, AMP Board of Trustees Chairman Steve Dupee will moderate a discussion on the greatest challenges and opportunities that are facing the electric utility industry and the public power sector, and will delve into Gerken and Kelly's personal insight on these issues.

Conference registration can be completed [here](#).

HB 6 referendum effort continues

By Michael Beirne - vice president of external affairs

Opponents to House Bill (HB) 6 are canvassing the state collecting signatures after they received approval from the attorney general and secretary of state to continue their efforts to force a referendum on the legislation. HB 6, signed into law on July 23, would among other things, provide subsidies for FirstEnergy Solutions' two nuclear power plants in Ohio, lower the renewable portfolio standard requirements and provide recovery for two coal plants in Ohio and Indiana.

The group formed to lead the referendum effort - Ohioans Against Corporate Bailouts - have until Oct. 21 to submit more than 265,000 signatures to force a referendum on the bill. If successful, the bill would not go into effect and would appear on the November 2020 ballot.

Opponents to the referendum effort have launched two efforts to stop it.

On Sept. 4, FirstEnergy Solutions filed suit at the Supreme Court of Ohio seeking to block the HB 6 referendum effort from proceeding. The company argues that the law amounts to a tax levy and is therefore constitutionally immune to a referendum.

Direct mail and advertising have also begun, warning that "China is quietly invading our energy grid" and asking residents not to sign the petition "allowing China control over Ohio."

We will continue to monitor the issue closely and will keep members updated as this effort continues.

Spaces still available for Hotline Training course

By Jennifer Flockerzie - manager of technical services logistics

There is still space available for the Hotline Training course scheduled for Oct. 7-10 at AMP headquarters in Columbus.

Designed to provide an in-depth understanding of proper work techniques for line construction from the bucket, this course will focus on the skills and knowledge required for the job. Similar to AMP's climbing class, the course is entirely hands-on and performed from the bucket. It is geared toward those who work in operations and is an expansion of the existing lineworker training series.

Please note, a harness is required for participation in this course.

To register, or for more information, contact me at jflockerzie@amppartners.org or 614.540.0853.

2019 AMP/OMEA Annual Conference to feature session on technology enablement

By Brannndon Kelley - AMP CIO

The 2019 AMP/OMEA Annual Conference will feature a session on the technological disruptions that the electric utility industry and public power are facing, and the AMP programs that can and have led to success stories.

During this session, we will explore some of AMP's current programs including the Advanced Metering Program, IT services and a new Member Cyber Security Program that is still in the pilot phase.

This session is set to take place Sept. 24, 1:30-2:30 p.m., and will provide perspective on some of the industry's biggest issues. Members are encouraged to attend.

Conference registration can be completed [here](#).



August 2019: Lowest summer prices of the century

By Mike Migliore - vice president of power supply planning

Despite temperatures in August being slightly warmer than normal, the low price of natural gas and high reserve margin in PJM combined to keep power prices at their lowest summer rate in over 20 years. August did not have any real hot days, so the maximum hourly day ahead LMP was only \$60/MWh on Aug. 19. Real time prices exceeded \$100/MWh for a mere two hours of the month. For the second straight month, congestion from A/D Hub was negative to most load points in PJM.

AVERAGE DAILY RATE COMPARISONS			
	August2019 \$/ MWh	July2019 \$/ MWh	August2018 \$/ MWh
A/D Hub 7x24 Price	\$24.59	\$28.26	\$31.62
PJM West 7x24 Price	\$24.30	\$27.64	\$32.23
A/D to AMP-ATSI Congestion/Losses	-\$0.84	-\$1.16	\$1.65
A/D to Blue Ridge Congestion/Losses	-\$0.13	-\$0.78	\$0.54
A/D to PJM West Congestion/Losses	-\$0.29	-\$0.62	\$0.61
PJM West to PP&L Congestion/Losses	-\$2.98	-\$2.59	-\$1.83
MISO to A/D Hub Congestion/Losses	\$1.06	\$1.90	\$1.97

Energy market update

By Jerry Willman - assistant vice president of energy marketing

The October 2019 natural gas contract decreased \$0.01/MMBtu to close at \$2.435 yesterday. The EIA reported an injection of 84 Bcf for the week ending Aug. 30, which was slightly above market expectations of 80 Bcf. The prior week had a build of 60 Bcf and the injection one year ago was 64 Bcf. The build compares with the five-year average +66 Bcf. The injection season running total of 1,834 Bcf is much larger than the five-year average of +1,388.

On-peak power prices for 2020 at AD Hub closed yesterday at \$33.12/MWh, which increased \$0.96/MWh for the week.

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

Week ending Sept. 6

MON	TUE	WED	THU	FRI
\$25.72	\$29.80	\$29.30	\$26.74	\$28.36

Week ending Aug. 30

MON	TUE	WED	THU	FRI
\$23.63	\$24.13	\$25.46	\$26.58	\$27.35

AEP/Dayton 2020 5x16 price as of Sept. 5 — \$33.12

AEP/Dayton 2020 5x16 price as of Aug. 29 — \$32.16

AFEC weekly update

By Jerry Willman

The AMP Fremont Energy Center (AFEC) was available for 2x1 operation for the week. PJM cleared the plant offline overnight Saturday through Monday and Wednesday due to economics. PJM real time LMP's spiked over \$200/MWh for a few hours Tuesday afternoon due to a PJM shortage event in which a generation or transmission resource tripped offline; AFEC was at full output during the event. Duct firing operated for 78 hours this week. For the week, the plant generated at a 59 percent capacity factor (based on 675 MW rating).

Wade Barone joins AMP as risk analyst

By Terry Leach - vice president/chief risk officer

Wade Barone joined AMP on Sept. 4 as risk analyst. In this role, Barone will be responsible for monitoring positions and value, ensuring all trades comply with current risk policy, preparing reports and stress-testing invoicing and billing for counterparty transactions.

Prior to joining AMP, Barone was an intern in the Engineering and Business Departments of the Ohio Department of Transportation, Ashland office. He holds a bachelor's degree in mathematics from Ashland University.



Please join me in welcoming Wade to AMP.

Security tip - Watch out for phishing in your Google Calendar

By Jared Price - vice president of information technology and CTO



If you use Gmail for your business or personal email, you could be at risk. One of the latest cyber scams going around takes advantage of the popular Google Calendar service by adding fake events to unsuspecting victims' calendars.

When they create the calendar event, they add a short event description complete with a dangerous phishing link. Typically, the event claims that "you've won prize money", or that "there's a

money transfer in your name." The description tells you to click the link and follow the directions to claim your money.

Once invited, you're exposed to the dangerous event description in multiple ways: You'll receive a notification in your inbox and the event will automatically show up on your calendar.

Don't fall for it! If you click the link in the event description, you're brought to a dangerous website and instructed to enter your personal information so the bad guys can steal it.

Remember the following to avoid falling for scams like this:

- Never click on links in emails or in calendar notifications that you weren't expecting. Even if it appears to be from someone you know, it's best to pick up the phone and call them to be sure it's legitimate.
- Always hover over links to see where they're taking you before clicking. The link may take you to a different address from the URL that is shown.
- By default, Google Calendar events are automatically added to your calendar, even if you haven't responded. You can turn this setting off by opening your Google Calendar settings from a desktop browser.

Prairie State mine receives safety award

By Alyssa Harre - director, public relations and government affairs - PSGC

For the second year in a row, the Prairie State Generating Company's (PSGC) Lively Grove Mine received an award for having the best incident rate for a Division I mine in the state of Illinois. The award is issued annually by the Illinois Department of Natural Resources (IDNR), Office of Mines and Minerals.

"Safety is our number one value at PSGC. We are constantly seeking ways to improve our safety processes at the mine, and that involves benchmarking ourselves against our peers," said David Hibbs, vice president of mining. "We are honored to receive this award from the IDNR."

Coal mines in Illinois are categorized into two groups: Division I and Division II mines. A Division I coal mine is classified as having greater than 550,000 man-hours worked in one year. Safety statistics from the federal Mine Safety and Health Administration are used to calculate the winner of this award for performance from July 2018 to June 2019.