

JANUARY 2017

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
<i>New Year's Day</i>	CLOSED <i>New Year's Day Holiday</i>	6:15 pm Technology Comm. 7:00 pm City COUNCIL				8:00 AM - Civil Service Testing/Mtg.
8	9	10	11	12	13	14
	6:30 pm Electric Committee BOPA 7:00 pm Ad-hoc Committee on Strategic Vision and Organizational Health	2:30 pm Preservation Comm.				
15	16	17	18	19	20	21
	6:00 pm Tree Commission 6:15 pm Parks & Rec Comm. 7:00 pm City COUNCIL					
22	23	24	25	26	27	28
	6:30 pm Finance & Budget Committee. 7:30 pm Safety & Human Resources Comm.	4:30 pm Civil Service Commission	6:30 pm Parks and Rec Board		10:00 am Healthcare Cost Committee	
29	30	31				

City of Napoleon, Ohio

ELECTRIC COMMITTEE

Meeting Agenda

Monday, January 09, 2017 at 6:30 pm

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

- 1) Approval of the Minutes from December 12, 2016 (*In the absence of any objections or corrections, the Minutes shall stand approved*)
- 2) Review/Approval of the Power Supply Cost Adjustment Factor for January, 2017:
PSCAF three (3) month averaged factor \$0.00627
JV2 \$0.066441
JV5 \$0.066441
- 3) Electric Department Report.
- 4) Any other matters currently assigned to the Committee
- 5) Adjournment

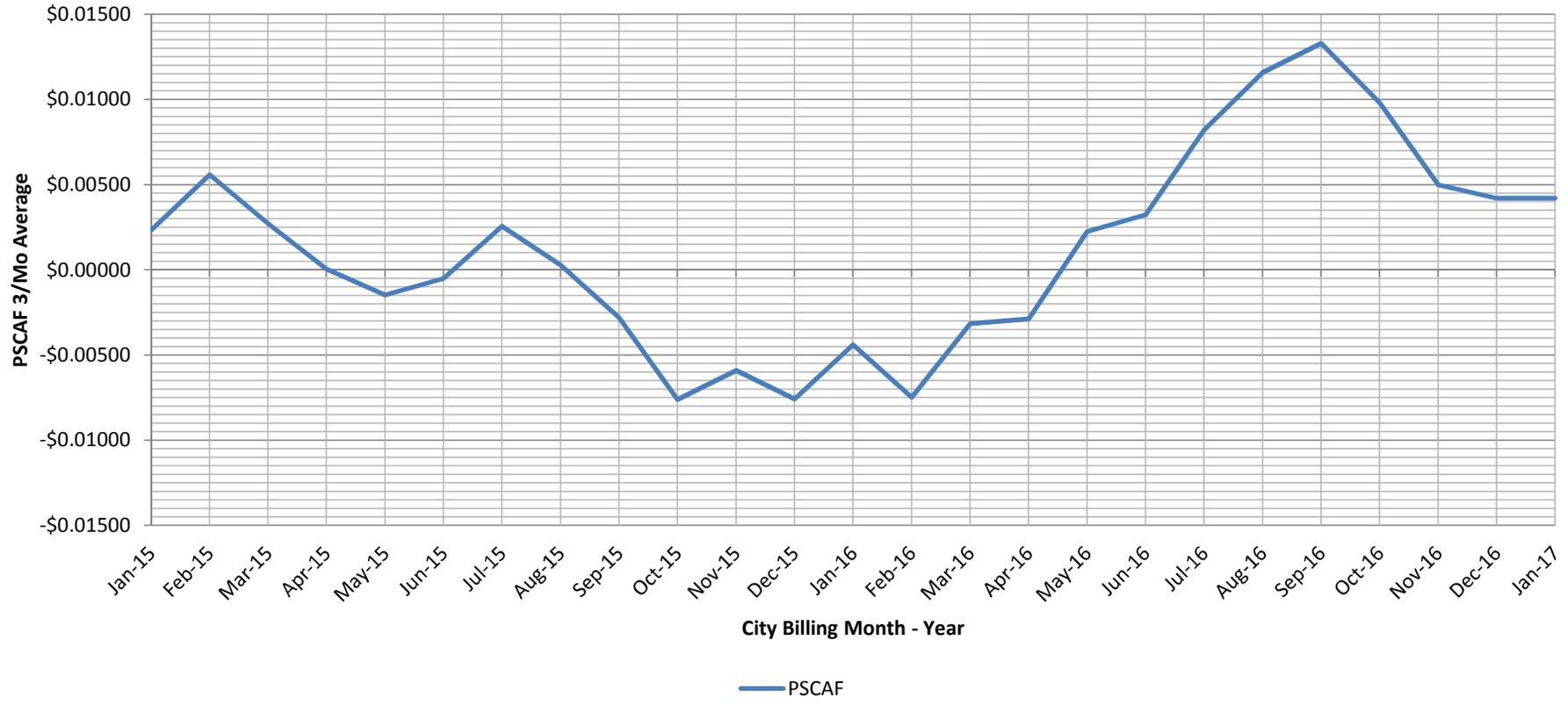


Gregory J. Heath

Finance Director/Clerk of Council

JANUARY 2017		City of Napoleon, Ohio									
DETERMINATION OF MONTHLY - POWER SUPPLY COST ADJUSTMENT FACTOR (PSCAF)											
AMP Billed Usage Month	City Billing Month	City Net (Prior Mo) kWh Delivered	Purchased Power Supply Costs (Net of Known) (Credit's) Actual Billed	Rolling 3-Month Totals Current + Prior 2 Months kWh Cost c + prior 2 Mo	Rolling 3-Month Totals Current + Prior 2 Months kWh Cost d + prior 2 Mo	Rolling 3 Month Average Cost f / e	Less: Fixed Base Power Supply Cost \$0.07194 Fixed	PSCA Dollar Difference + or (-) g + h	PSCAF 3 MONTH AVERAGED FACTOR i X 1.075		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)		
Nov '14	Jan '15	13,630,693	\$ 1,048,435.47	39,521,652 \$ 2,928,938.99	\$ 0.07411	\$ (0.07194)	\$ 0.00217	\$ 0.00233			
Dec '14	Feb '15	14,030,217	\$ 1,077,557.19	40,617,941 \$ 3,133,373.63	\$ 0.07714	\$ (0.07194)	\$ 0.00520	\$ 0.00559			
Jan '15	Mar '15	14,814,734	\$ 1,036,847.14	42,475,644 \$ 3,162,839.80	\$ 0.07446	\$ (0.07194)	\$ 0.00252	\$ 0.00271			
Feb '15	April '15	13,867,347	\$ 960,357.18	42,712,298 \$ 3,074,761.51	\$ 0.07199	\$ (0.07194)	\$ 0.00005	\$ 0.00005			
March '15	May '15	13,844,262	\$ 1,003,564.83	42,526,343 \$ 3,000,769.15	\$ 0.07056	\$ (0.07194)	\$ (0.00138)	\$ (0.00148)			
April '15	June '15	12,167,778	\$ 886,097.15	39,879,387 \$ 2,850,019.16	\$ 0.07147	\$ (0.07194)	\$ (0.00047)	\$ (0.00051)			
May '15	July '15	11,261,298	\$ 881,002.83	37,273,338 \$ 2,770,664.81	\$ 0.07433	\$ (0.07194)	\$ 0.00239	\$ 0.00257			
Jun '15	Aug '15	13,738,522	\$ 916,655.51	37,167,598 \$ 2,683,755.49	\$ 0.07221	\$ (0.07194)	\$ 0.00027	\$ 0.00029			
Jul '15	Sep '15	15,053,827	\$ 979,654.01	40,053,647 \$ 2,777,312.35	\$ 0.06934	\$ (0.07194)	\$ (0.00260)	\$ (0.00280)			
Aug '15	Oct '15	15,336,926	\$ 965,909.05	44,129,275 \$ 2,862,218.57	\$ 0.06486	\$ (0.07194)	\$ (0.00708)	\$ (0.00761)			
Sept '15	Nov '15	14,245,268	\$ 1,020,249.35	44,636,021 \$ 2,965,812.41	\$ 0.06644	\$ (0.07194)	\$ (0.00550)	\$ (0.00591)			
Oct '15	Dec '15	13,510,482	\$ 809,877.76	43,092,676 \$ 2,796,036.16	\$ 0.06488	\$ (0.07194)	\$ (0.00706)	\$ (0.00758)			
Nov '15	Jan '16	13,060,476	\$ 939,293.49	40,816,226 \$ 2,769,420.60	\$ 0.06785	\$ (0.07194)	\$ (0.00409)	\$ (0.00440)			
Dec '15	Feb '16	13,634,579	\$ 863,769.64	40,205,537 \$ 2,612,940.89	\$ 0.06499	\$ (0.07194)	\$ (0.00695)	\$ (0.00747)			
Jan '16	Mar '16	14,813,772	\$ 1,060,489.73	41,508,827 \$ 2,863,552.86	\$ 0.06899	\$ (0.07194)	\$ (0.00295)	\$ (0.00317)			
Feb '16	Apr '16	13,961,098	\$ 1,012,584.64	42,409,449 \$ 2,936,844.01	\$ 0.06925	\$ (0.07194)	\$ (0.00269)	\$ (0.00289)			
Mar '16	May '16	12,975,047	\$ 1,017,837.14	41,749,917 \$ 3,090,911.51	\$ 0.07403	\$ (0.07194)	\$ 0.00209	\$ 0.00225			
Apr '16	June '16	12,132,975	\$ 897,981.75	39,069,120 \$ 2,928,403.53	\$ 0.07495	\$ (0.07194)	\$ 0.00301	\$ 0.00324			
May '16	July '16	11,244,178	\$ 976,900.73	36,352,200 \$ 2,892,719.62	\$ 0.07957	\$ (0.07194)	\$ 0.00763	\$ 0.00821			
June '16	Aug '16	12,200,629	\$ 1,068,079.71	35,577,782 \$ 2,942,962.19	\$ 0.08272	\$ (0.07194)	\$ 0.01078	\$ 0.01159			
July '16	Sep '16	13,629,297	\$ 1,080,619.47	37,074,104 \$ 3,125,599.91	\$ 0.08431	\$ (0.07194)	\$ 0.01237	\$ 0.01329			
Aug '16	Oct '16	15,596,452	\$ 1,210,058.88	41,426,378 \$ 3,358,758.06	\$ 0.08108	\$ (0.07194)	\$ 0.00914	\$ 0.00982			
Sep '16	Nov '16	14,780,525	\$ 1,079,259.61	44,006,274 \$ 3,369,937.96	\$ 0.07658	\$ (0.07194)	\$ 0.00464	\$ 0.00499			
Oct '16	Dec '16	12,402,405	\$ 955,761.68	42,779,382 \$ 3,245,080.17	\$ 0.07586	\$ (0.07194)	\$ 0.00392	\$ 0.00421			
Nov '16	Jan '17	11,282,665	\$ 956,580.93	38,465,595 \$ 2,991,602.22	\$ 0.07777	\$ (0.07194)	\$ 0.00583	\$ 0.00627			

Power Supply Cost Adjustment Factor - PSCAF



BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - JANUARY, 2017

2017 - JANUARY BILLING WITH DECEMBER 2016 DATA BILLING UNITS

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

<u>DATA PERIOD</u>	<u>MONTH / YR</u>	<u>DAYS IN MONTH</u>	<u>MUNICIPAL PEAK</u>						
AMP-Ohio Bill Month	NOVEMBER, 2016	30	21.508						
City-System Data Month	DECEMBER, 2016	31							
City-Monthly Billing Cycle	JANUARY, 2017	31							
=====<u>CONTRACTED AND OPEN MARKET POWER</u>=====									
=====<u>PEAKING</u>=====									
=====<u>HYDRO POWER</u>=====									
(FREEMONT	PRAIRIE STATE	MORGAN STNLY	NORTHERN	JV-2	AMP-HYDRO	MELDAHL-HYDR	GREENUP HYDR	GREENUP HYDR
PURCHASED POWER-RESOURCES ->	AMP CT	ENERGY	SCHED. @ PJMC	REPLMNT.2015-20	POWER	PEAKING	CSW	SCHED. @	SCHED. @
(SCHED. @ ATSI	SCHEDULED	REPLMT@ PJMC	7x24 @ AD	POOL	SCHED. @ ATSI	SCHED. @ PJMC	MELDAHL BUS	GREENUP BUS
Delivered kWh (On Peak) ->	0	291,289	3,252,581	2,736,000	1,296,710	161	1,104,433	213,566	160,421
Delivered kWh (Off Peak) ->					528,037				
Delivered kWh (Replacement/Losses/Offset) ->									
Delivered kWh/Sale (Credits) ->					-369,586				
Net Total Delivered kWh as Billed ->	0	291,289	3,252,581	2,736,000	1,455,161	161	1,104,433	213,566	160,421
<i>Percent % of Total Power Purchased-></i>	<i>0.0000%</i>	<i>2.3837%</i>	<i>26.6167%</i>	<i>22.3894%</i>	<i>11.9079%</i>	<i>0.0013%</i>	<i>9.0378%</i>	<i>1.7477%</i>	<i>1.3128%</i>
<u>COST OF PURCHASED POWER:</u>									
<u>DEMAND CHARGES (+Debits)</u>									
Demand Charges	\$34,835.57	\$41,131.77	\$58,851.09			\$837.26	\$11,513.38	\$4,132.27	\$1,325.94
Debt Services (Principal & Interest)		\$44,279.65	\$99,491.04				\$137,780.07	\$15,418.59	\$4,557.30
<u>DEMAND CHARGES (-Credits)</u>									
Transmission Charges (Demand-Credits)	-\$29,649.45					-\$542.45			
Capacity Credit	-\$62,412.87	-\$32,975.88	-\$14,555.97			-\$1,487.38	-\$2,549.89	-\$1,653.62	-\$854.47
Sub-Total Demand Charges	-\$57,226.75	\$52,435.54	\$143,786.16	\$0.00	\$0.00	-\$1,192.57	\$146,743.56	\$17,897.24	\$5,028.77
<u>ENERGY CHARGES (+Debits):</u>									
Energy Charges - (On Peak)		\$9,143.39	\$18,982.97	\$172,231.20	\$52,113.96	\$3.79	\$139.33	\$12.35	\$144.22
Energy Charges - (Replacement/Off Peak)					\$18,020.58				
Net Congestion, Losses, FTR		\$102.81	\$3,994.29	-\$246.73			\$1,399.84	\$211.61	\$113.72
Transmission Charges (Energy-Debits)			\$75,472.67						
ESPP Charges									
Bill Adjustments (General & Rate Levelization)		-\$21.64				\$3.42	\$10,222.65	-\$651.29	\$4,226.09
<u>ENERGY CHARGES (-Credits or Adjustments):</u>									
Energy Charges - On Peak (Sale or Rate Stabilization)					-\$8,535.08				
Net Congestion, Losses, FTR									
Bill Adjustments (General & Rate Levelization)			-\$31,850.71				-\$2,208.87	-\$427.13	-\$320.84
Sub-Total Energy Charges	\$0.00	\$9,224.56	\$66,599.22	\$171,984.47	\$61,599.46	\$7.21	\$9,552.95	-\$854.46	\$4,163.19
<u>TRANSMISSION & SERVICE CHARGES, MISC.:</u>									
RPM / PJM Charges Capacity - (+Debit)									
RPM / PJM Charges Capacity - (-Credit)									
Service Fees AMP-Dispatch Center - (+Debit/-Credit)									
Service Fees AMP-Part A - (+Debit/-Credit)									
Service Fees AMP-Part B - (+Debit/-Credit)									
Other Charges & Bill Adjustments - (+Debit/-Credit)									
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL - ALL COSTS OF PURCHASED POWER	-\$57,226.75	\$61,660.10	\$210,385.38	\$171,984.47	\$61,599.46	-\$1,185.36	\$156,296.51	\$17,042.78	\$9,191.96
<i>Purchased Power Resources - Cost per kWh-></i>	<i>\$0.000000</i>	<i>\$0.211680</i>	<i>\$0.064683</i>	<i>\$0.062860</i>	<i>\$0.042332</i>	<i>-\$7.362484</i>	<i>\$0.141517</i>	<i>\$0.079801</i>	<i>\$0.057299</i>

BILLING SUMMARY AND CONS										
2017 - JANUARY BILLING WITH DECEMBER 20										
PREVIOUS MONTH'S POWER BILLS - PL										
DATA PERIOD										
AMP-Ohio Bill Month										
City-System Data Month										
City-Monthly Billing Cycle										
	====WIND====			===SOLAR===	===TRANSMISSION, SERVICE FEES & MISC. CONTRACTS===					
(NYPA	JV-5	JV-6	AMP SOLAR	EFFNCY.SMART	TRANSMISSION	SERVICE FEES	MISCELLANEOUS	TOTAL -	
PURCHASED POWER-RESOURCES ->	HYDRO	HYDRO	WIND	PHASE 1	POWER PLANT	CHARGES	DISPATCH, A & B	CHARGES &	ALL	
(SCHED. @ NYIS	7x24 @ ATSI	SCHED. @ ATSI	SCHED. @ ATSI	2014 - 2017	Other Charges	Other Charges	LEVELIZATION	RESOURCES	
Delivered kWh (On Peak) ->	606,666	2,223,360	39,824	104,152		0	0	0	12,029,163	
Delivered kWh (Off Peak) ->									528,037	
Delivered kWh (Replacement/Losses/Offset) ->		32,478							32,478	
Delivered kWh/Sale (Credits) ->									-369,586	
Net Total Delivered kWh as Billed ->	606,666	2,255,838	39,824	104,152	0	0	0	0	12,220,092	
Percent % of Total Power Purchased->	4.9645%	18.4601%	0.3259%	0.8523%	0.0000%	0.0000%	0.0000%	0.0000%	100.0001%	
								Verification Total ->	100.0000%	
COST OF PURCHASED POWER:										
DEMAND CHARGES (+Debits)										
Demand Charges	\$6,272.89	\$35,332.94	\$1,576.48				\$111,573.43		\$307,383.02	
Debt Services (Principal & Interest)		\$55,381.81							\$356,908.46	
DEMAND CHARGES (-Credits)										
Transmission Charges (Demand-Credits)		-\$11,370.17	-\$117.67						-\$41,679.74	
Capacity Credit	-\$4,412.61	-\$14,514.20	-\$106.71						-\$135,523.60	
Sub-Total Demand Charges	\$1,860.28	\$64,830.38	\$1,352.10	\$0.00	\$0.00	\$111,573.43	\$0.00	\$0.00	\$487,088.14	
ENERGY CHARGES (+Debits):										
Energy Charges - (On Peak)	\$7,789.70	\$55,210.55		\$8,852.89		\$5,007.28			\$329,631.63	
Energy Charges - (Replacement/Off Peak)									\$18,020.58	
Net Congestion, Losses, FTR	\$2,204.42								\$7,779.96	
Transmission Charges (Energy-Debits)									\$75,472.67	
ESPP Charges					\$17,863.18				\$17,863.18	
Bill Adjustments (General & Rate Levelization)								-\$100,000.00	-\$86,220.77	
ENERGY CHARGES (-Credits or Adjustments):										
Energy Charges - On Peak (Sale or Rate Stabilization)									-\$8,535.08	
Net Congestion, Losses, FTR									\$0.00	
Bill Adjustments (General & Rate Levelization)	-\$4,108.18								-\$38,915.73	
Sub-Total Energy Charges	\$5,885.94	\$55,210.55	\$0.00	\$8,852.89	\$17,863.18	\$5,007.28	\$0.00	-\$100,000.00	\$315,096.44	
TRANSMISSION & SERVICE CHARGES, MISC.:										
RPM / PJM Charges Capacity - (+Debit)						\$144,321.01			\$144,321.01	
RPM / PJM Charges Capacity - (-Credit)									\$0.00	
Service Fees AMP-Dispatch Center - (+Debit/-Credit)							\$0.00		\$0.00	
Service Fees AMP-Part A - (+Debit/-Credit)							\$2,969.55		\$2,969.55	
Service Fees AMP-Part B - (+Debit/-Credit)							\$7,105.79		\$7,105.79	
Other Charges & Bill Adjustments - (+Debit/-Credit)									\$0.00	
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$144,321.01	\$10,075.34	\$0.00	\$154,396.35	
TOTAL - ALL COSTS OF PURCHASED POWER	\$7,746.22	\$120,040.93	\$1,352.10	\$8,852.89	\$17,863.18	\$260,901.72	\$10,075.34	-\$100,000.00	\$956,580.93	
								Verification Total ->	\$956,580.93	
Purchased Power Resources - Cost per kWh->	\$0.012769	\$0.053213	\$0.033952	\$0.085000	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.078279	
								(Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWH) = JV2 Electric Service Rate ->	\$0.066441	
								(Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWH) = JV5 Electric Service Rate ->	\$0.066441	



AMERICAN MUNICIPAL POWER, INC.

1111 Schrock Rd, Suite 100
COLUMBUS, OHIO 43229
PHONE: (614) 540-1111
FAX: (614) 540-1078

INVOICE NUMBER: 195903
INVOICE DATE: 12/13/2016
DUE DATE: 12/28/2016
TOTAL AMOUNT DUE: \$808,238.47
CUSTOMER NUMBER: 5020
CUSTOMER P.O. #: RG10046

City of Napoleon

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

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

Northern Power Pool Billing - November, 2016

MUNICIPAL PEAK: 21,508 kW
TOTAL METERED ENERGY: 12,251,357 kWh

Total Power Charges:	\$637,261.41
Total Transmission Charges:	\$260,901.72
Total Other Charges:	\$10,075.34
Total Miscellaneous Charges:	-\$100,000.00

GRAND TOTAL POWER INVOICE: \$808,238.47

DETAIL INFORMATION OF POWER CHARGES November , 2016

Napoleon

FOR THE MONTH OF:	November, 2016	Total Metered Load kWh:	12,251,357
		Transmission Losses kWh:	-31,265
		Distribution Losses kWh:	0
		Total Energy Req. kWh:	12,220,092
TIME OF FENTS PEAK:	11/21/2016 @ H.E. 19:00	COINCIDENT PEAK kW:	20,857
TIME OF MUNICIPAL PEAK:	11/23/2016 @ H.E. 12:00	MUNICIPAL PEAK kW:	21,508
TRANSMISSION PEAK:	July, 2015	TRANSMISSION PEAK kW:	30,302
		PJM Capacity Requirement kW:	29,713

Napoleon Resources

AMP CT - Sched @ ATSI			
Demand Charge:	\$2.809320	/ kW *	12,400 kW = \$34,835.57
Transmission Credit:	\$2.391085	/ kW *	-12,400 kW = -\$29,649.45
Capacity Credit:	\$5.033296	/ kW *	-12,400 kW = -\$62,412.87
Subtotal	#N/A	/ kWh *	0 kWh = -\$57,226.75
Fremont - sched @ Fremont			
Demand Charge:	\$4.691658	/ kW *	8,767 kW = \$41,131.77
Energy Charge:	\$0.031389	/ kWh *	291,289 kWh = \$9,143.39
Net Congestion, Losses, FTR:	\$0.000353	/ kWh *	\$102.81
Capacity Credit:	\$3.761364	/ kW *	-8,767 kW = -\$32,975.88
Debt Service	\$5.050719	/ kW	8,767 kW = \$44,279.65
Adjustment for prior month:			-\$21.64
Subtotal	\$0.211680	/ kWh *	291,289 kWh = \$61,660.10
AMP Hydro CSW - Sched @ PJMC			
Demand Charge:	\$5.186477	/ kW *	2,220 kW = \$11,513.38
Energy Charge:	\$0.000126	/ kWh *	1,104,433 kWh = \$139.33
Net Congestion, Losses, FTR:	\$0.001267	/ kWh *	\$1,399.84
Capacity Credit:	\$1.148659	/ kW *	-2,220 kW = -\$2,549.89
Debt Service	\$62.066321	/ kW	2,220 kW = \$137,780.07
Board Approved Rate Levelization			\$10,222.65
REC Credit (Estimate)			-\$2,208.87
Subtotal	\$0.141517	/ kWh *	1,104,433 kWh = \$156,296.51
Meldahl Hydro - Sched @ Meldahl Bus			
Demand Charge:	\$8.198948	/ kW *	504 kW = \$4,132.27
Energy Charge:	\$0.000058	/ kWh *	213,566 kWh = \$12.35
Net Congestion, Losses, FTR:	\$0.000991	/ kWh *	\$211.61
Capacity Credit:	\$3.280992	/ kW *	-504 kW = -\$1,653.62
Debt Service	\$30.592440	/ kW	504 kW = \$15,418.59
Board Approved Rate Levelization			-\$651.29
REC Credit (Estimate)			-\$427.13
Subtotal	\$0.079801	/ kWh *	213,566 kWh = \$17,042.78
JV6 - Sched @ ATSI			
Demand Charge:			300 kW
Energy Charge:			39,824 kWh
Transmission Credit:	\$0.392233	/ kW *	-300 kW = -\$117.67
Capacity Credit:	\$0.355700	/ kW *	-300 kW = -\$106.71
Subtotal	-\$0.005634	/ kWh *	39,824 kWh = -\$224.38
Greenup Hydro - Sched @ Greenup Bus			
Demand Charge:	\$4.018000	/ kW *	330 kW = \$1,325.94
Energy Charge:	\$0.000899	/ kWh *	160,421 kWh = \$144.22
Net Congestion, Losses, FTR:	\$0.000709	/ kWh *	\$113.72
Capacity Credit:	\$2.589303	/ kW *	-330 kW = -\$854.47
Debt Service	\$13.810000	/ kW	330 kW = \$4,557.30
Board Approved Rate Levelization			\$4,226.09
REC Credit (Estimate)			-\$320.84
Subtotal	\$0.057299	/ kWh *	160,421 kWh = \$9,191.96
Prairie State - Sched @ PJMC			
Demand Charge:	\$11.826988	/ kW *	4,976 kW = \$58,851.09
Energy Charge:	\$0.005836	/ kWh *	3,252,581 kWh = \$18,982.97
Net Congestion, Losses, FTR:	\$0.001228	/ kWh *	\$3,994.29
Capacity Credit:	\$2.925235	/ kW *	-4,976 kW = -\$14,555.97
Debt Service	\$19.994180	/ kW	4,976 kW = \$99,491.04
Transmission from PSEC to PJM/MISO, including non-Prairie State variable charges/credits	\$0.023204	/ kWh	3,252,581 kWh = \$75,472.67
Board Approved Rate Levelization			-\$31,850.71
Subtotal	\$0.064683	/ kWh *	3,252,581 kWh = \$210,385.38
NYPA - Sched @ NYIS			
Demand Charge:	\$6.652057	/ kW *	943 kW = \$6,272.89
Energy Charge:	\$0.012840	/ kWh *	606,666 kWh = \$7,789.70
Net Congestion, Losses, FTR:	\$0.003634	/ kWh *	\$2,204.42
Capacity Credit:	\$4.664493	/ kW *	-946 kW = -\$4,412.61
Adjustment for prior month:			-\$4,108.18
Subtotal	\$0.012769	/ kWh *	606,666 kWh = \$7,746.22
JV5 - 7X24 @ ATSI			
Demand Charge:			3,088 kW
Energy Charge:			2,223,360 kWh
Transmission Credit:	\$3.682050	/ kW *	-3,088 kW = -\$11,370.17
Capacity Credit:	\$4.700194	/ kW *	-3,088 kW = -\$14,514.20
Subtotal	-\$0.011642	/ kWh *	2,223,360 kWh = -\$25,884.37
JV5 Losses - Sched @ ATSI			
Energy Charge:			32,478 kWh
Subtotal	#N/A	/ kWh *	32,478 kWh = \$0.00

DETAIL INFORMATION OF POWER CHARGES November , 2016

Napoleon

JV2 - Sched @ ATSI				
Demand Charge:			264 kW	
Energy Charge:	\$0.023543	/ kWh *	161 kWh =	\$3.79
Transmission Credit:	\$2.054735	/ kW *	-264 kW =	-\$542.45
Capacity Credit:	\$5.634015	/ kW *	-264 kW =	-\$1,487.38
Subtotal	-\$12.585403	/ kWh *	161 kWh =	-\$2,026.04
AMP Solar Phase I - Sched @ ATSI				
Demand Charge:			1,040 kW	
Energy Charge:	\$0.085000	/ kWh *	104,152 kWh =	\$8,852.89
Subtotal	\$0.085000	/ kWh *	104,152 kWh =	\$8,852.89
Morgan Stanley 2015-2020 - 7x24 @ AD				
Demand Charge:			3,800 kW	
Energy Charge:	\$0.062950	/ kWh *	2,736,000 kWh =	\$172,231.20
Net Congestion, Losses, FTR:	-\$0.000090	/ kWh *		-\$246.73
Subtotal	\$0.062860	/ kWh *	2,736,000 kWh =	\$171,984.47
Efficiency Smart Power Plant 2014-2017				
ESPP 2014-2017 obligation @ \$1.400 /MWh x 153,113. MWh / 12				\$17,863.18
Subtotal	#N/A	/ kWh *	0 kWh =	\$17,863.18
Northern Power Pool:				
On Peak Energy Charge: (M-F HE 08-23 EDT)	\$0.040189	/ kWh *	1,296,710 kWh =	\$52,113.96
Off Peak Energy Charge:	\$0.034127	/ kWh *	528,037 kWh =	\$18,020.58
Sale of Excess Non-Pool Resources to Pool	\$0.023094	/ kWh *	-369,585 kWh =	-\$8,535.08
Subtotal	\$0.042332	/ kWh *	1,455,163 kWh =	\$61,599.46
Total Demand Charges:				\$282,386.22
Total Energy Charges:				\$354,875.19
Total Power Charges:			12,220,092 kWh	\$637,261.41
TRANSMISSION CHARGES:				
Demand Charge:	\$3.682048	/ kW *	30,302 kW =	\$111,573.43
Energy Charge:	\$0.000501	/ kWh *	9,996,732 kWh =	\$5,007.28
RPM (Capacity) Charges:	\$4.857200	/ kW *	29,713 kW =	\$144,321.01
TOTAL TRANSMISSION CHARGES:	\$0.026099	/ kWh *	9,996,732 kWh =	\$260,901.72
Service Fee Part A,				
Based on Annual Municipal Sales	\$0.000229	/ kWh *	155,609,698 kWh 1/12 =	\$2,969.55
Service Fee Part B,				
Energy Purchases	\$0.000580	/ kWh *	12,251,357 kWh =	\$7,105.79
TOTAL OTHER CHARGES:				\$10,075.34
MISCELLANEOUS CHARGES:				
Deposit / (Withdraw) from RSF account				-\$100,000.00
TOTAL MISCELLANEOUS CHARGES:				-\$100,000.00
GRAND TOTAL POWER INVOICE:				\$808,238.47

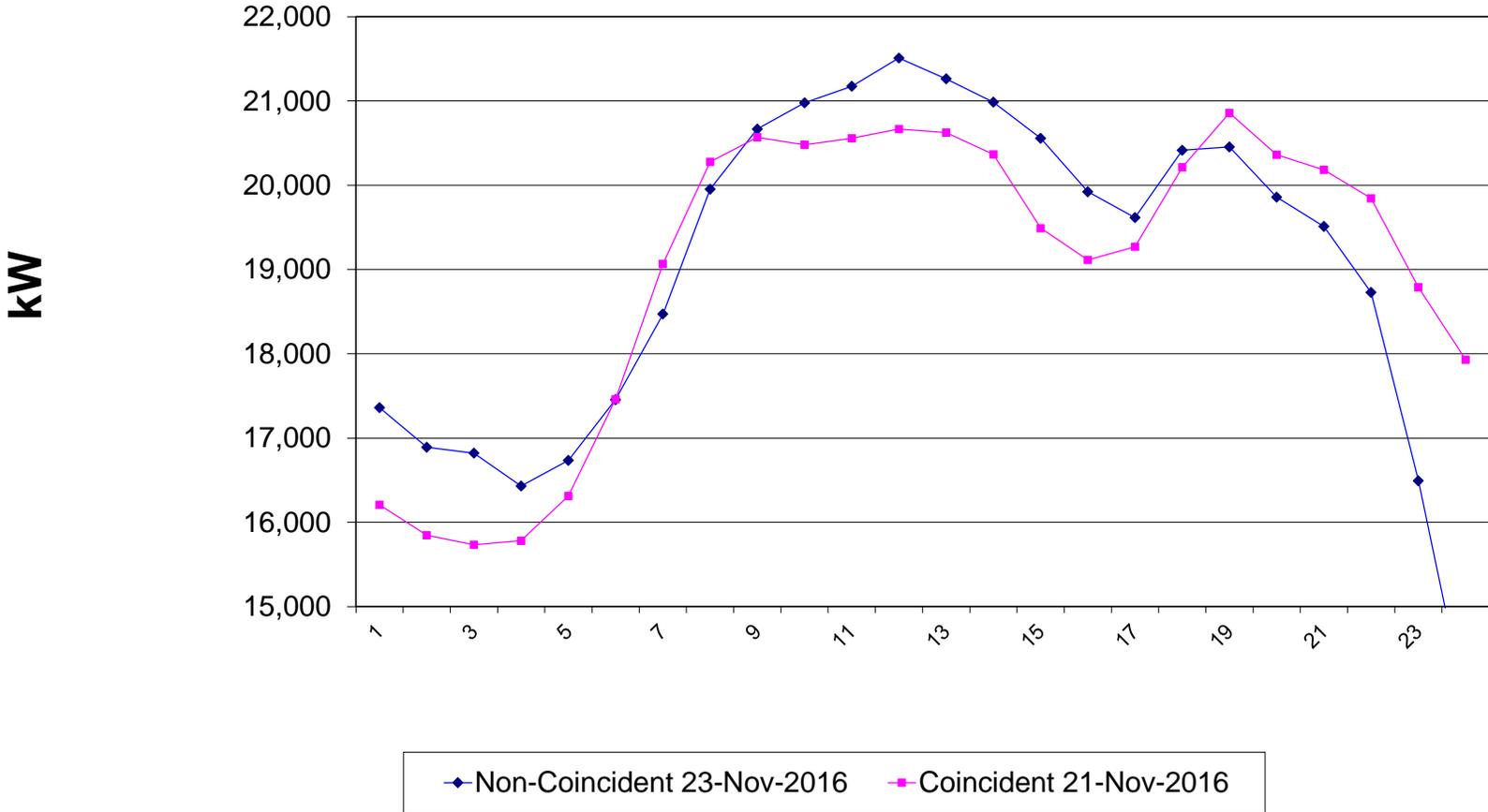
Napoleon Capacity Plan - Actual												
Nov 2016		ACTUAL DEMAND = 21.508 MW										
Days 30		ACTUAL ENERGY = 12,251 MWH										
SOURCE (1)		DEMAND MW (2)	ENERGY MWH (4)	LOAD FACTOR (5)	RATE \$/KW (6)	RATE \$/MWH (7)	DEMAND CHARGE (9)	ENERGY CHARGE (10)	TOTAL CHARGES (11)	EFFECTIVE RATE \$/MWH (12)	% OF DOLLARS (13)	
1	NPP Pool Purchases	0.00	1,825	0%	\$0.00	\$38.44	\$0	\$70,135	\$70,135	\$38.44	6.7%	
2	NPP Pool Sales	0.00	-370	0%	\$0.00	\$23.09	\$0	-\$8,535	-\$8,535	\$23.09	-0.8%	
3	AFEC	8.77	291	5%	\$5.98	\$31.74	\$52,414	\$9,246	\$61,660	\$211.68	5.9%	
4	Prairie State	4.98	3,253	91%	\$22.50	\$30.27	\$111,935	\$98,450	\$210,385	\$64.68	20.0%	
5	NYPa - Ohio	0.94	607	89%	-\$2.38	\$16.47	-\$2,248	\$9,994	\$7,746	\$12.77	0.7%	
6	JV5	3.09	2,223	100%	\$20.99	\$24.83	\$64,830	\$55,211	\$120,041	\$53.99	11.4%	
7	JV5 Losses	0.00	32	0%	\$0.00	\$0.00	\$0	\$0	\$0	\$0.00	0.0%	
8	AMP-Hydro	2.22	1,104	69%	\$69.71	\$1.39	\$154,757	\$1,539	\$156,297	\$141.52	14.8%	
9	Meldahl	0.50	214	59%	\$33.37	\$1.05	\$16,819	\$224	\$17,043	\$79.80	1.6%	
10	Greenup	0.33	160	68%	\$27.07	\$1.61	\$8,934	\$258	\$9,192	\$57.30	0.9%	
11	JV6	0.30	40	18%	\$4.51	\$0.00	\$1,352	\$0	\$1,352	\$33.95	0.1%	
12	AMP Solar Phase I	1.04	104	14%	\$0.00	\$85.00	\$0	\$8,853	\$8,853	\$85.00	0.8%	
13	Morgan Stanley 2015-2020 7x24	3.80	2,736	100%	\$0.00	\$62.86	\$0	\$171,984	\$171,984	\$62.86	16.3%	
14	AMPCT	12.40	0	0%	-\$4.62	\$0.00	-\$57,227	\$0	-\$57,227	\$0.00	-5.4%	
15	JV2	0.26	0	0%	-\$4.50	\$23.54	-\$1,189	\$4	-\$1,185	-\$7,363.40	-0.1%	
POWER TOTAL		38.63	12,220	44%			\$350,378	\$417,362	\$767,741	\$62.83	72.9%	
16	Energy Efficiency		0		\$0.00	\$0.00	\$0	\$17,863	\$17,863	\$0.00	1.7%	
17	Installed Capacity	29.71			\$4.86		\$144,321	\$0	\$144,321	\$11.78	13.7%	
18	TRANSMISSION	30.30	9,997		\$3.68	\$0.50	\$111,573	\$5,007	\$116,581	\$9.52	11.1%	
19	Distribution Charge	21.51			\$0.00	\$0.00	\$0	\$0	\$0	\$0.00	0.0%	
20	Service Fee B		12,251			\$0.58		\$7,106	\$7,106	\$0.58	0.7%	
21	Dispatch Charge		12,251			\$0.00		\$0	\$0	\$0.00	0.0%	
OTHER TOTAL							\$255,894	\$29,976	\$285,871	\$23.33	27.1%	
GRAND TOTAL PURCHASED			12,220				\$606,273	\$447,339	\$1,053,611			
Delivered to members		21.508	12,251	79%			\$606,273	\$447,339	\$1,053,611	\$86.00	100.0%	
		DEMAND	ENERGY	L.F.				TOTAL \$	\$/MWh	Avg Temp		
2016 Forecast		25.02	13,444	75%				\$1,188,187	\$88.38	41.2		
2015 Actual		23.14	13,117	79%				\$936,372	\$71.39	45.0		
2014 Actual		25.51	13,706	75%				\$945,499	\$68.99	35.1		
								Actual Temp		45.5		

NAPOLEON

Date	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday
Hour	11/1/2016	11/2/2016	11/3/2016	11/4/2016	11/5/2016	11/6/2016	11/7/2016	11/8/2016	11/9/2016	11/10/2016	11/11/2016	11/12/2016	11/13/2016	11/14/2016	11/15/2016
100	15,838	15,684	15,797	15,342	13,027	11,919	14,710	15,890	16,959	17,087	16,371	14,148	13,683	15,546	16,741
200	15,471	15,596	15,360	15,127	12,877	11,681	14,510	15,570	16,279	16,301	15,850	13,840	13,331	15,335	16,193
300	15,158	15,287	15,002	14,756	12,694	11,501	14,626	15,531	16,025	16,176	15,739	13,821	13,012	15,394	16,163
400	15,453	15,635	15,451	15,286	12,880	11,510	13,886	15,253	15,715	16,299	15,710	13,754	12,901	15,652	15,814
500	16,570	16,362	16,188	16,308	13,493	11,612	15,218	15,405	16,256	16,715	16,154	13,742	12,933	16,447	16,215
600	17,882	17,694	17,715	17,393	14,003	12,156	16,273	16,658	17,594	17,769	17,219	14,419	13,710	17,631	17,522
700	19,446	19,297	19,215	18,792	14,786	12,944	17,307	18,508	18,907	19,140	18,646	15,257	14,194	19,230	18,585
800	19,208	19,853	18,946	19,431	15,361	13,427	18,146	19,328	19,744	20,147	19,563	15,854	14,130	19,961	19,777
900	19,019	19,774	19,204	19,389	15,853	13,816	18,960	19,929	19,716	20,655	19,737	16,631	13,917	20,482	20,175
1000	19,299	19,632	19,425	19,701	15,916	13,917	19,022	20,160	20,208	20,498	19,855	16,655	14,030	20,734	18,842
1100	19,823	19,826	19,602	19,191	15,771	14,031	18,976	20,084	19,803	20,327	20,029	16,336	14,182	20,533	19,469
1200	20,003	20,148	19,421	19,401	15,180	13,996	18,866	20,034	19,805	19,949	19,901	15,981	14,083	20,050	19,352
1300	19,934	20,449	19,403	19,045	14,358	13,664	18,901	20,233	19,762	19,914	20,011	15,863	13,940	19,767	19,407
1400	19,723	20,023	19,251	18,896	13,995	13,494	18,713	20,269	19,753	19,669	19,296	15,487	14,538	19,576	18,990
1500	19,459	20,118	18,930	18,271	13,593	13,461	18,519	20,156	19,221	19,466	19,119	15,220	14,260	19,393	18,858
1600	19,611	19,861	18,668	18,164	13,325	13,761	18,454	20,175	19,102	18,907	18,302	14,765	14,568	19,199	18,460
1700	19,205	19,718	18,537	17,847	13,407	14,081	18,235	20,145	19,312	18,893	18,290	14,491	14,906	19,237	18,230
1800	19,527	20,102	19,106	18,306	14,145	15,204	19,064	20,226	20,113	19,457	19,227	15,689	16,042	20,147	18,965
1900	20,159	20,097	19,373	18,718	14,882	15,968	20,600	20,638	21,032	20,255	19,875	16,387	16,819	20,710	19,627
2000	19,532	19,639	18,724	18,477	14,691	15,735	20,238	20,240	20,296	20,107	19,388	16,098	16,455	20,459	19,316
2100	18,808	18,929	18,062	17,827	14,163	15,305	19,427	19,705	19,911	19,879	18,949	15,501	16,198	19,788	19,137
2200	17,849	17,913	17,087	16,795	13,588	14,635	18,586	18,840	19,144	19,093	18,476	15,030	15,703	19,161	18,340
2300	17,012	16,937	16,517	14,749	12,968	13,685	16,951	17,705	17,985	18,090	17,593	14,622	14,976	17,896	17,041
2400	16,239	16,473	16,031	13,480	12,391	14,257	16,011	17,204	17,362	16,995	15,527	14,060	15,060	17,086	16,251
Total	440,228	445,047	431,015	420,752	324,956	325,760	424,199	447,886	450,004	451,788	438,827	363,651	347,571	449,414	437,470

Date	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday
Hour	11/16/2016	11/17/2016	11/18/2016	11/19/2016	11/20/2016	11/21/2016	11/22/2016	11/23/2016	11/24/2016	11/25/2016	11/26/2016	11/27/2016	11/28/2016	11/29/2016	11/30/2016	12/1/2016
100	16,106	16,358	15,402	12,901	13,976	16,207	17,585	17,361	12,667	11,744	12,417	12,564	14,964	16,883	16,148	-
200	15,508	15,994	15,057	12,456	13,861	15,845	17,238	16,891	12,115	11,513	12,002	12,310	14,824	16,345	15,588	-
300	15,470	16,039	14,878	12,380	13,863	15,732	17,133	16,820	11,675	11,565	11,759	12,117	14,709	16,015	15,615	-
400	15,249	15,710	14,436	12,333	13,430	15,781	16,872	16,430	11,548	11,610	11,609	12,087	14,775	15,471	15,703	-
500	15,599	16,247	14,896	12,551	13,529	16,312	17,376	16,734	11,637	11,698	11,697	12,185	15,908	15,793	16,088	-
600	16,770	17,062	15,824	12,912	14,056	17,460	18,267	17,455	11,747	11,887	12,158	12,429	17,086	16,477	16,963	-
700	17,959	18,400	17,207	13,806	14,631	19,067	19,600	18,470	12,122	12,521	12,583	12,920	18,623	17,790	18,288	-
800	19,270	19,855	18,106	15,125	15,199	20,277	20,668	19,953	12,836	13,352	13,148	13,331	20,490	19,327	19,683	-
900	20,139	20,400	18,481	15,523	15,511	20,568	21,152	20,665	13,368	13,675	13,767	13,615	20,643	19,328	19,667	-
1000	19,887	20,079	18,924	16,204	16,215	20,480	20,976	20,977	14,378	14,285	14,131	13,742	20,636	19,409	19,668	-
1100	20,032	19,740	18,929	16,658	16,468	20,557	21,143	21,174	14,849	14,571	14,397	13,814	20,649	19,293	19,461	-
1200	20,146	19,509	19,071	16,986	16,349	20,665	20,791	21,508	14,685	14,765	14,285	13,833	20,573	19,003	19,124	-
1300	19,895	19,544	18,815	16,578	16,511	20,625	20,158	21,262	13,608	14,615	13,839	13,595	20,741	18,849	19,182	-
1400	19,921	19,126	18,801	16,372	16,350	20,366	19,695	20,985	13,204	14,360	13,500	13,266	20,788	18,992	19,209	-
1500	19,319	18,783	18,529	15,575	16,494	19,490	19,127	20,556	12,693	14,365	13,436	13,119	20,515	18,692	18,956	-
1600	18,980	18,571	17,650	15,703	16,629	19,114	19,114	19,923	12,590	14,209	13,327	13,021	19,950	18,446	19,050	-
1700	18,815	18,519	17,300	15,963	16,939	19,270	18,900	19,617	12,687	14,445	13,757	14,035	20,286	18,433	19,300	-
1800	19,907	19,094	17,915	16,718	17,835	20,213	20,176	20,414	13,347	15,338	14,969	16,018	21,117	19,496	20,383	-
1900	20,541	19,477	18,061	17,355	18,107	20,857	20,670	20,453	13,495	15,217	15,085	16,407	21,387	20,160	20,881	-
2000	19,693	18,952	17,650	17,026	18,030	20,361	20,408	19,859	13,445	15,100	14,998	16,171	21,046	19,879	20,651	-
2100	19,480	18,649	17,343	16,577	17,684	20,183	20,341	19,511	13,394	14,940	14,689	16,036	20,457	19,419	20,403	-
2200	18,719	18,069	16,733	16,090	17,069	19,845	19,587	18,727	13,229	14,679	14,335	15,461	19,751	18,674	19,894	-
2300	17,463	17,002	15,647	15,384	16,458	18,789	18,509	16,493	12,737	13,990	13,817	14,787	18,483	17,580	18,902	-
2400	16,689	15,902	14,374	14,571	16,211	17,930	17,828	13,829	12,279	13,122	13,169	14,831	17,399	16,547	17,827	-
Total	441,557	421,179	410,029	363,747	381,405	455,994	463,314	456,067	310,335	327,566	322,874	331,694	455,800	436,301	446,634	-
											Maximum	21,508	Minimum	11,501	Grand Total	12,251,357

Napoleon Peak Day Load Curve





Omega Joint Venture Two

1111 Schrock Rd, Suite 100

COLUMBUS, OHIO 43229

PHONE: (614) 540-1111

FAX: (614) 540-1078

City of Napoleon

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

INVOICE NUMBER: 195721

INVOICE DATE: 12/7/2016

DUE DATE: 12/19/2016

TOTAL AMOUNT DUE: \$840.68

CUSTOMER NUMBER: 5020

CUSTOMER P.O. #:

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

OMEGA JV2 POWER INVOICE -

November, 2016

FIXED RATE CHARGE:	264 kW *	\$3.17 / kW =	\$837.26
ENERGY CHARGE:	0 kWh *	\$0.000000 / kWh =	\$0.00
SERVICE FEES:	0 kWh *	\$0.000000 / kWh =	\$0.00
Fuel Costs that were not recovered through Energy Sales to Market		=	\$3.42

TOTAL CHARGES

\$840.68



1111 Schrock Rd, Suite 100
Columbus, Ohio 43229
Phone: (614) 540-1111
Fax: (614) 540-1078

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

INVOICE NUMBER: 195801
INVOICE DATE: 12/1/2016
DUE DATE: 12/12/2016
TOTAL AMOUNT DUE: \$90,543.49
CUSTOMER NUMBER: 5020
CUSTOMER P.O. NUMBER: BL980397
MAKE CHECKS PAYABLE TO: OMEGA JV5

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

FOR THE MONTH/YEAR OF: **November, 2016**

DEMAND CHARGES:

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

Base Operating Expense Demand Charge:	\$11.442014	/ kW *	3,088 kW =	\$35,332.94
Seca Associated with JV5.	\$0.000000	/ kW *	3,088 kW =	\$0.00

TOTAL DEMAND CHARGES: \$11.442014 / kW * 3,088 kW = \$35,332.94

ENERGY CHARGES:

JV5 Repl. Pwr. & Variable (Budgeted Rate):	\$0.024832	/ kWh *	2,223,360 kWh =	\$55,210.55
JV5 Fuel Cost (Actual Expense):	\$0.000000	/ kWh *	2,223,360 kWh =	\$0.00

TOTAL ENERGY CHARGES: \$0.024832 / kWh * 2,223,360 kWh = \$55,210.55

SUB-TOTAL \$90,543.49

Total OMEGA JV5 Invoice: **\$90,543.49**



1111 Schrock Rd, Suite 100
Columbus, Ohio 43229
Phone: (614) 540-1111
Fax: (614) 540-1078

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

INVOICE NUMBER: 195843
INVOICE DATE: 12/1/2016
DUE DATE: 12/12/2016
TOTAL AMOUNT DUE: \$55,381.81
CUSTOMER NUMBER: 5020
CUSTOMER P.O. NUMBER: **BL980397**
MAKE CHECKS PAYABLE TO: OMEGA JV5

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

Debt Service - OMEGA JV5

FOR THE MONTH/YEAR OF: December, 2016

Financing CHARGES:
Debt Service \$17.934524 / kW * 3,088 kW = \$55,381.81

Total OMEGA JV5 Financing Invoice: \$55,381.81



AMERICAN MUNICIPAL POWER, INC.

1111 Schrock Rd, Suite 100
COLUMBUS, OHIO 43229
PHONE: (614) 540-1111
FAX: (614) 540-1078

INVOICE NUMBER: 195861
INVOICE DATE: 12/1/2016
DUE DATE: 12/16/2016
TOTAL AMOUNT DUE: \$1,576.48
CUSTOMER NUMBER: 5020
CUSTOMER P.O. #:

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

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

Omega JV6

Project Capacity: 300 kW

Year 2016

Electric Fixed

300 kW * 5.25 per kW-Month

Total

December, 2016 -

Electric Fixed

\$1,576.48

AMOUNT DUE FOR :

TOTAL CHARGES

\$1,576.48

BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - JANUARY, 2017															
JANUARY, 2017															
2017 - JANUARY BILLING WITH DECEMBER 2016 DATA BILLING UNITS															
Class and/or Schedule	Rate Code	Dec-16		Dec-16 Billed (kWh Usage)	Billed kVa of Demand	Cost / kWh For Month	Cost / kWh Prior 12 Mo Average	# of Bills	Jan-16 (kWh Usage)	Jan-16 Billed	Cost / kWh For Month	Feb-16		Cost / kWh For Month	
		# of Bills	Dec-16 (kWh Usage)									# of Bills	Feb-16 (kWh Usage)		
Residential (Dom-In)	E1	3,336	1,581,730	\$183,002.56	0	\$0.1157	\$0.1118	3,336	1,861,416	\$195,822.68	\$0.1052	3,343	2,336,473	\$233,564.23	\$0.1000
Residential (Dom-In) w/Ecosmart	E1E	9	3,850	\$450.79	0	\$0.1171	\$0.1146	10	4,037	\$441.29	\$0.1093	9	4,542	\$469.07	\$0.1033
Residential (Dom-In - All Electric)	E2	609	334,728	\$38,111.29	0	\$0.1139	\$0.1087	603	469,722	\$47,982.01	\$0.1021	605	655,616	\$63,527.74	\$0.0969
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	463	\$53.72	0	\$0.1160	\$0.1127	1	481	\$51.43	\$0.1069	1	545	\$55.80	\$0.1024
Total Residential (Domestic)		3,955	1,920,771	\$221,618.36	0	\$0.1154	\$0.1113	3,950	2,335,656	\$244,297.41	\$0.1046	3,958	2,997,176	\$297,616.84	\$0.0993
Residential (Rural-Out)	ER1	758	608,892	\$73,171.67	0	\$0.1202	\$0.1169	756	692,545	\$76,216.42	\$0.1101	757	907,174	\$94,694.90	\$0.1044
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,668	\$327.66	0	\$0.1228	\$0.1210	4	2,902	\$327.89	\$0.1130	4	3,834	\$408.52	\$0.1066
Residential (Rural-Out - All Electric)	ER2	382	362,974	\$42,933.79	0	\$0.1183	\$0.1150	383	425,593	\$46,020.44	\$0.1081	383	551,963	\$56,838.04	\$0.1030
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	1,582	\$190.47	0	\$0.1204	\$0.1157	2	2,005	\$218.79	\$0.1091	2	2,918	\$300.36	\$0.1029
Residential (Rural-Out w/Dmd)	ER3	16	46,766	\$5,185.34	429	\$0.1109	\$0.1096	16	98,686	\$9,894.24	\$0.1003	16	25,972	\$2,651.52	\$0.1021
Residential (Rural-Out - All Electric w/Dm	ER4	9	18,500	\$2,079.32	164	\$0.1124	\$0.1151	9	13,792	\$1,455.82	\$0.1056	9	10,004	\$1,051.19	\$0.1051
Total Residential (Rural)		1,171	1,041,382	\$123,888.25	593	\$0.1190	\$0.1160	1,170	1,235,523	\$134,133.60	\$0.1086	1,171	1,501,865	\$155,944.53	\$0.1038
Commercial (1 Ph-In - No Dmd)	EC2	75	50,946	\$7,049.12	14	\$0.1384	\$0.1381	74	43,794	\$5,800.34	\$0.1324	74	52,205	\$6,581.79	\$0.1261
Commercial (1 Ph-Out - No Dmd)	EC2O	45	8,932	\$1,620.43	0	\$0.1814	\$0.1889	43	8,154	\$1,432.14	\$0.1756	43	8,018	\$1,392.38	\$0.1737
Total Commercial (1 Ph) No Dmd		120	59,878	\$8,669.55	14	\$0.1448	\$0.1451	117	51,948	\$7,232.48	\$0.1392	117	60,223	\$7,974.17	\$0.1324
Commercial (1 Ph-In - w/Demand)	EC1	259	284,650	\$41,080.72	1910	\$0.1443	\$0.1346	255	275,088	\$36,491.09	\$0.1327	256	306,848	\$38,364.05	\$0.1250
Commercial (1 Ph-Out - w/Demand)	EC1O	25	27,577	\$3,864.86	160	\$0.1401	\$0.1331	24	30,192	\$3,885.43	\$0.1287	24	36,267	\$4,391.42	\$0.1211
Total Commercial (1 Ph) w/Demand		284	312,227	\$44,945.58	2,070	\$0.1440	\$0.1344	279	305,280	\$40,376.52	\$0.1323	280	343,115	\$42,755.47	\$0.1246
Commercial (3 Ph-Out - No Dmd)	EC4O	2	40	\$40.84	5	\$1.0210	\$0.1363	2	15,040	\$1,719.24	\$0.1143	2	400	\$79.67	\$0.1992
Total Commercial (3 Ph) No Dmd		2	40	\$40.84	5	\$1.0210	\$0.1363	2	15,040	\$1,719.24	\$0.1143	2	400	\$79.67	\$0.1992
Commercial (3 Ph-In - w/Demand)	EC3	201	1,384,783	\$169,316.91	5365	\$0.1223	\$0.1198	205	1,414,090	\$158,505.09	\$0.1121	205	1,396,306	\$152,228.19	\$0.1090
Commercial (3 Ph-Out - w/Demand)	EC3O	38	557,691	\$64,658.85	1889	\$0.1159	\$0.1189	39	438,660	\$48,468.19	\$0.1105	39	355,628	\$38,994.81	\$0.1097
Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	3	139,320	\$15,472.45	452	\$0.1111	\$0.1115	3	137,480	\$14,239.58	\$0.1036	3	137,920	\$14,016.49	\$0.1016
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	3,320	\$439.88	21	\$0.1325	\$0.1240	1	1,840	\$211.56	\$0.1150	1	1,920	\$212.10	\$0.1105
Total Commercial (3 Ph) w/Demand		243	2,085,114	\$249,888.09	7,727	\$0.1198	\$0.1191	248	1,992,070	\$221,424.42	\$0.1112	248	1,891,774	\$205,451.59	\$0.1086
Large Power (In - w/Dmd & Rct)	EL1	20	2,210,942	\$210,920.21	5180	\$0.0954	\$0.0957	21	2,403,640	\$211,797.66	\$0.0881	21	2,310,925	\$199,175.25	\$0.0862
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	887,321	\$79,476.15	1816	\$0.0896	\$0.0888	3	994,472	\$79,375.27	\$0.0798	3	1,009,639	\$77,760.04	\$0.0770
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	1	474,000	\$42,120.83	916	\$0.0889	\$0.0941	1	295,200	\$26,076.76	\$0.0883	1	246,000	\$21,470.29	\$0.0873
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	36,000	\$3,604.02	84	\$0.1001	\$0.1437	2	70,607	\$7,256.69	\$0.1028	2	85,654	\$6,264.07	\$0.0731
Total Large Power		26	3,608,263	\$336,121.21	7,996	\$0.0932	\$0.0947	27	3,763,919	\$324,506.38	\$0.0862	27	3,652,218	\$304,669.65	\$0.0834
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,026,149	\$85,785.78	1910	\$0.0836	\$0.0829	1	1,156,158	\$87,758.35	\$0.0759	1	957,122	\$74,102.43	\$0.0774
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	877,066	\$77,044.35	1820	\$0.0878	\$0.0819	1	1,023,505	\$77,586.44	\$0.0758	1	896,274	\$67,913.52	\$0.0758
Total Industrial		2	1,903,215	\$162,830.13	3,730	\$0.0856	\$0.0824	2	2,179,663	\$165,344.79	\$0.0759	2	1,853,396	\$142,015.95	\$0.0766
Interdepartmental (In - No Dmd)	ED1	8	34,023	\$3,760.94	91	\$0.1105	\$0.1094	8	63,180	\$6,320.99	\$0.1000	8	79,167	\$7,560.57	\$0.0955
Interdepartmental (Out - w/Dmd)	ED2O	2	294	\$59.69	0	\$0.2030	\$0.1756	2	238	\$50.86	\$0.2137	2	240	\$50.36	\$0.2098
Interdepartmental (In - w/Dmd)	ED2	27	36,353	\$4,716.41	0	\$0.1297	\$0.1256	27	49,447	\$5,868.15	\$0.1187	27	77,462	\$8,762.54	\$0.1131
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	182,999	\$20,119.76	559	\$0.1099	\$0.1094	11	205,612	\$21,129.50	\$0.1028	11	257,347	\$25,478.65	\$0.0990
Interdepartmental (Street Lights)	EDSL	7	62,879	\$5,851.14	0	\$0.0931	\$0.0930	7	62,879	\$5,850.15	\$0.0930	7	62,879	\$5,849.08	\$0.0930
Interdepartmental (Traffic Signals)	EDTS	9	1,881	\$173.91	0	\$0.0925	\$0.0925	15	1,837	\$169.84	\$0.0925	15	2,189	\$202.38	\$0.0925
Generators (JV2 Power Cost Only)	GJV2	1	19,755	\$1,142.63	32	\$0.0578	\$0.0000	1	19,199	\$676.19	\$0.0352	1	23,269	\$819.53	\$0.0352
Generators (JV5 Power Cost Only)	GJV5	1	13,591	\$786.10	23	\$0.0578	\$0.0000	1	13,204	\$465.04	\$0.0352	1	15,064	\$530.55	\$0.0352
Total Interdepartmental		66	351,775	\$36,610.58	705	\$0.1041	\$0.1025	72	415,596	\$40,530.72	\$0.0975	72	517,617	\$49,253.66	\$0.0952
SUB-TOTAL CONSUMPTION & DEMAND		5,869	11,282,665	\$1,184,612.59	22,840	\$0.1050	\$0.1038	5,867	12,294,695	\$1,179,565.56	\$0.0959	5,877	12,817,784	\$1,205,761.53	\$0.0941
Street Lights (In)	SLO	16	0	\$13.74	0	\$0.0000	\$0.2336	15	0	\$13.59	\$0.0000	15	0	\$13.59	\$0.0000
Street Lights (Out)	SLOO	2	0	\$0.77	0	\$0.0000	\$0.0000	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000
Total Street Light Only		18	0	\$14.51	0	\$0.0000	\$0.2407	17	0	\$14.36	\$0.0000	17	0	\$14.36	\$0.0000
TOTAL CONSUMPTION & DEMAND		5,887	11,282,665	\$1,184,627.10	22,840	\$0.1050	\$0.1038	5,884	12,294,695	\$1,179,579.92	\$0.0959	5,894	12,817,784	\$1,205,775.89	\$0.0941

BILLING SUMMARY AND CO																				
JANUARY, 2017																				
2017 - JANUARY BILLING WITH DECEMBER 2017																				
Class and/or Schedule	Rate Code	Mar-16				Cost / kWh For Month	Apr-16				Cost / kWh For Month	May-16				Cost / kWh For Month	Jun-16			
		# of Bills	Mar-16 (kWh Usage)	Mar-16 Billed	Mar-16		# of Bills	Apr-16 (kWh Usage)	Apr-16 Billed	Apr-16		# of Bills	May-16 (kWh Usage)	May-16 Billed	May-16		# of Bills	Jun-16 (kWh Usage)	Jun-16 Billed	Jun-16
Residential (Dom-In)	E1	3,345	2,347,687	\$244,491.10	\$0.1041	3,345	2,115,617	\$223,079.18	\$0.1054	3,328	1,745,478	\$196,444.14	\$0.1125	3,339	1,674,098	\$190,965.01	\$0.1141			
Residential (Dom-In) w/Ecosmart	E1E	9	4,327	\$468.00	\$0.1082	9	3,918	\$429.97	\$0.1097	9	3,507	\$408.58	\$0.1165	9	3,414	\$402.55	\$0.1179			
Residential (Dom-In - All Electric)	E2	608	756,980	\$76,046.71	\$0.1005	608	638,315	\$64,884.51	\$0.1016	610	457,976	\$49,954.20	\$0.1091	611	379,613	\$42,421.37	\$0.1117			
Res. (Dom-In - All Elec.) w/Ecosmart	E2E	1	597	\$63.13	\$0.1057	1	596	\$63.19	\$0.1060	1	511	\$57.67	\$0.1129	1	534	\$60.52	\$0.1133			
Total Residential (Domestic)		3,963	3,109,591	\$321,068.94	\$0.1033	3,963	2,758,446	\$288,456.85	\$0.1046	3,948	2,207,472	\$246,864.59	\$0.1118	3,960	2,057,659	\$233,849.45	\$0.1136			
Residential (Rural-Out)	ER1	759	875,454	\$95,412.70	\$0.1090	756	779,953	\$86,047.23	\$0.1103	752	663,486	\$77,716.74	\$0.1171	755	586,997	\$70,250.79	\$0.1197			
Residential (Rural-Out) w/Ecosmart	ER1E	4	3,230	\$364.37	\$0.1128	4	2,546	\$296.42	\$0.1164	4	2,328	\$286.46	\$0.1230	4	1,833	\$235.87	\$0.1287			
Residential (Rural-Out - All Electric)	ER2	384	587,960	\$62,814.15	\$0.1068	384	507,976	\$54,947.15	\$0.1082	383	427,039	\$49,004.46	\$0.1148	384	355,880	\$41,847.24	\$0.1176			
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	2,960	\$317.12	\$0.1071	2	2,616	\$283.32	\$0.1083	2	1,902	\$221.22	\$0.1163	2	1,701	\$201.66	\$0.1186			
Residential (Rural-Out w/Dmd)	ER3	16	30,157	\$3,181.29	\$0.1055	16	27,753	\$2,948.93	\$0.1063	16	21,910	\$2,475.80	\$0.1130	16	27,150	\$3,054.38	\$0.1125			
Residential (Rural-Out - All Electric w/Dm)	ER4	9	11,290	\$1,222.89	\$0.1083	9	9,995	\$1,096.12	\$0.1097	9	7,908	\$926.67	\$0.1172	9	7,392	\$879.39	\$0.1190			
Total Residential (Rural)		1,174	1,511,051	\$163,312.52	\$0.1081	1,171	1,330,839	\$145,619.17	\$0.1094	1,166	1,124,573	\$130,631.35	\$0.1162	1,170	980,953	\$116,469.33	\$0.1187			
Commercial (1 Ph-In - No Dmd)	EC2	75	53,648	\$6,982.89	\$0.1302	75	52,551	\$6,871.47	\$0.1308	75	45,379	\$6,290.63	\$0.1386	75	42,140	\$5,948.45	\$0.1412			
Commercial (1 Ph-Out - No Dmd)	EC2O	43	8,383	\$1,468.25	\$0.1751	43	8,714	\$1,508.23	\$0.1731	43	6,659	\$1,308.66	\$0.1965	43	6,225	\$1,262.95	\$0.2029			
Total Commercial (1 Ph) No Dmd		118	62,031	\$8,451.14	\$0.1362	118	61,265	\$8,379.70	\$0.1368	118	52,038	\$7,599.29	\$0.1460	118	48,365	\$7,211.40	\$0.1491			
Commercial (1 Ph-In - w/Demand)	EC1	255	337,026	\$42,741.72	\$0.1268	255	300,781	\$39,283.01	\$0.1306	256	353,349	\$46,128.85	\$0.1305	257	339,056	\$39,544.56	\$0.1166			
Commercial (1 Ph-Out - w/Demand)	EC1O	24	41,186	\$4,956.90	\$0.1204	24	36,470	\$4,539.18	\$0.1245	24	33,089	\$4,386.25	\$0.1326	24	29,990	\$4,043.76	\$0.1348			
Total Commercial (1 Ph) w/Demand		279	378,212	\$47,698.62	\$0.1261	279	337,251	\$43,822.19	\$0.1299	280	386,438	\$50,515.10	\$0.1307	281	369,046	\$43,588.32	\$0.1181			
Commercial (3 Ph-Out - No Dmd)	EC4O	2	1,000	\$149.48	\$0.1495	2	880	\$136.11	\$0.1547	2	400	\$83.56	\$0.2089	2	160	\$55.18	\$0.3449			
Total Commercial (3 Ph) No Dmd		2	1,000	\$149.48	\$0.1495	2	880	\$136.11	\$0.1547	2	400	\$83.56	\$0.2089	2	160	\$55.18	\$0.3449			
Commercial (3 Ph-In - w/Demand)	EC3	204	1,492,235	\$165,735.10	\$0.1111	201	1,330,300	\$150,670.14	\$0.1133	204	1,337,448	\$158,129.92	\$0.1182	202	1,281,048	\$154,525.82	\$0.1206			
Commercial (3 Ph-Out - w/Demand)	EC3O	39	379,416	\$42,543.57	\$0.1121	39	336,543	\$38,541.02	\$0.1145	39	333,423	\$39,624.69	\$0.1188	39	286,219	\$35,062.05	\$0.1225			
Commercial (3 Ph-Out - w/Dmd.&Sub-St)	E3SO	3	149,800	\$15,798.47	\$0.1055	3	131,080	\$13,890.07	\$0.1060	3	134,040	\$14,680.26	\$0.1095	3	127,640	\$14,187.89	\$0.1112			
Commercial (3 Ph-In - w/Demand, No Ta)	EC3T	1	2,160	\$242.85	\$0.1124	1	2,120	\$240.01	\$0.1132	1	2,000	\$238.27	\$0.1191	1	2,040	\$245.05	\$0.1201			
Total Commercial (3 Ph) w/Demand		247	2,023,611	\$224,319.99	\$0.1109	244	1,800,043	\$203,341.24	\$0.1130	247	1,806,911	\$212,673.14	\$0.1177	245	1,696,947	\$204,020.81	\$0.1202			
Large Power (In - w/Dmd & Rct)	EL1	21	2,561,160	\$221,085.42	\$0.0863	21	2,385,374	\$216,220.16	\$0.0906	21	2,454,545	\$231,732.96	\$0.0944	21	2,477,658	\$236,532.65	\$0.0955			
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,042,283	\$84,501.97	\$0.0811	3	807,206	\$67,444.50	\$0.0836	3	912,431	\$78,956.21	\$0.0865	3	919,793	\$83,363.79	\$0.0906			
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	322,800	\$28,467.29	\$0.0882	1	338,400	\$30,419.43	\$0.0899	1	370,800	\$33,718.56	\$0.0909	1	366,000	\$34,899.72	\$0.0954			
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	85,512	\$6,619.24	\$0.0774	2	72,927	\$6,016.76	\$0.0825	2	93,761	\$14,517.81	\$0.1548	2	58,685	\$7,385.30	\$0.1258			
Total Large Power		27	4,011,755	\$340,673.92	\$0.0849	27	3,603,907	\$320,100.85	\$0.0888	27	3,831,537	\$358,925.54	\$0.0937	27	3,822,136	\$362,181.46	\$0.0948			
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,194,711	\$89,279.02	\$0.0747	1	1,035,693	\$80,055.22	\$0.0773	1	1,030,712	\$85,857.58	\$0.0833	1	990,474	\$82,403.94	\$0.0832			
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	1,122,083	\$81,701.62	\$0.0728	1	1,052,644	\$78,469.13	\$0.0745	1	990,465	\$79,362.02	\$0.0801	1	942,832	\$77,160.17	\$0.0818			
Total Industrial		2	2,316,794	\$170,980.64	\$0.0738	2	2,088,337	\$158,524.35	\$0.0759	2	2,021,177	\$165,219.60	\$0.0817	2	1,933,306	\$159,564.11	\$0.0825			
Interdepartmental (In - No Dmd)	ED1	8	65,565	\$6,459.45	\$0.0985	8	51,501	\$5,211.49	\$0.1012	8	42,349	\$4,637.84	\$0.1095	7	30,257	\$3,583.85	\$0.1184			
Interdepartmental (Out - w/Dmd)	ED2O	2	192	\$45.93	\$0.2392	2	235	\$50.88	\$0.2165	2	368	\$67.89	\$0.1845	2	369	\$68.39	\$0.1853			
Interdepartmental (In - w/Dmd)	ED2	26	70,540	\$8,300.04	\$0.1177	26	50,904	\$6,096.14	\$0.1198	26	41,532	\$5,247.09	\$0.1263	26	25,395	\$3,357.54	\$0.1322			
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	306,526	\$30,656.81	\$0.1000	11	251,871	\$26,080.07	\$0.1035	11	235,903	\$25,894.91	\$0.1098	11	187,202	\$20,851.55	\$0.1114			
Interdepartmental (Street Lights)	EDSL	7	62,879	\$5,849.08	\$0.0930	7	62,879	\$5,850.15	\$0.0930	7	62,879	\$5,849.08	\$0.0930	7	62,879	\$5,849.08	\$0.0930			
Interdepartmental (Traffic Signals)	EDTS	11	1,916	\$177.17	\$0.0925	9	1,771	\$163.74	\$0.0925	9	1,663	\$153.77	\$0.0925	9	1,557	\$143.97	\$0.0925			
Generators (JV2 Power Cost Only)	GJV2	1	21,905	\$781.57	\$0.0357	1	18,065	-\$265.01	-\$0.0147	1	19,031	\$533.06	\$0.0280	1	17,254	\$308.85	\$0.0179			
Generators (JV5 Power Cost Only)	GJV5	1	16,067	\$573.27	\$0.0357	1	13,192	-\$193.53	-\$0.0147	1	13,635	\$381.92	\$0.0280	1	10,693	\$191.40	\$0.0179			
Total Interdepartmental		67	545,590	\$52,843.32	\$0.0969	65	450,418	\$42,993.93	\$0.0955	65	417,360	\$42,765.56	\$0.1025	64	335,606	\$34,354.63	\$0.1024			
SUB-TOTAL CONSUMPTION & DEMAND		5,879	13,959,635	\$1,329,498.57	\$0.0952	5,871	12,431,386	\$1,211,374.39	\$0.0974	5,855	11,847,906	\$1,215,277.73	\$0.1026	5,869	11,244,178	\$1,161,294.69	\$0.1033			
Street Lights (In)	SLO	16	1,463	\$191.76	\$0.1311	16	0	\$13.74	\$0.0000	16	0	\$13.74	\$0.0000	16	0	\$13.74	\$0.0000			
Street Lights (Out)	SLOO	2	0	\$0.77	\$0.0000	2	0	\$0.76	\$0.0000	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000			
Total Street Light Only		18	1,463	\$192.53	\$0.1316	18	0	\$14.50	\$0.0000	18	0	\$14.51	\$0.0000	18	0	\$14.51	\$0.0000			
TOTAL CONSUMPTION & DEMAND		5,897	13,961,098	\$1,329,691.10	\$0.0952	5,889	12,431,386	\$1,211,388.89	\$0.0974	5,873	11,847,906	\$1,215,292.24	\$0.1026	5,887	11,244,178	\$1,161,309.20	\$0.1033			

BILLING SUMMARY AND COST																					
JANUARY, 2017																					
2017 - JANUARY BILLING WITH DECEMBER 201																					
Class and/or Schedule	Rate Code	Jul-16			Cost / kWh For Month	Aug-16			Cost / kWh For Month	Sep-16			Cost / kWh For Month	Oct-16			Cost / kWh For Month	Nov-16			
		# of Bills	Jul-16 (kWh Usage)	Jul-16 Billed		# of Bills	Aug-16 (kWh Usage)	Aug-16 Billed		# of Bills	Sep-16 (kWh Usage)	Sep-16 Billed		# of Bills	Oct-16 (kWh Usage)	Oct-16 Billed		# of Bills	Nov-16 (kWh Usage)	Nov-16 Billed	
Residential (Dom-In)	E1	3,340	2,133,169	\$248,418.37	\$0.1165	3,327	2,832,020	\$332,693.75	\$0.1175	3,339	3,439,128	\$405,561.66	\$0.1179	3,324	3,116,816	\$358,640.04	\$0.1151	3,318	2,147,731		
Residential (Dom-In) w/Ecosmart	E1E	9	4,890	\$577.51	\$0.1181	9	7,000	\$827.07	\$0.1182	9	7,961	\$946.73	\$0.1189	9	6,928	\$806.87	\$0.1165	9	4,777		
Residential (Dom-In - All Electric)	E2	613	381,668	\$44,540.19	\$0.1167	610	458,361	\$54,279.87	\$0.1184	608	519,149	\$61,850.34	\$0.1191	608	469,940	\$54,713.23	\$0.1164	610	350,406		
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	692	\$80.09	\$0.1157	1	796	\$93.91	\$0.1180	1	1,026	\$121.06	\$0.1180	1	844	\$97.71	\$0.1158	1	609		
Total Residential (Domestic)		3,963	2,520,419	\$293,616.16	\$0.1165	3,947	3,298,177	\$387,894.60	\$0.1176	3,957	3,967,264	\$468,479.79	\$0.1181	3,942	3,594,528	\$414,257.85	\$0.1152	3,938	2,503,523		
Residential (Rural-Out)	ER1	757	712,526	\$87,201.53	\$0.1224	760	863,493	\$107,008.31	\$0.1239	760	984,416	\$122,587.50	\$0.1245	759	884,230	\$107,817.96	\$0.1219	761	655,236		
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,470	\$316.19	\$0.1280	4	3,000	\$385.56	\$0.1285	4	3,422	\$440.00	\$0.1286	4	3,185	\$401.26	\$0.1260	4	2,236		
Residential (Rural-Out - All Electric)	ER2	383	380,642	\$46,371.53	\$0.1218	383	443,608	\$54,903.94	\$0.1238	382	509,155	\$63,286.00	\$0.1243	382	467,015	\$56,756.10	\$0.1215	381	359,421		
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	1,606	\$199.48	\$0.1242	2	1,669	\$212.18	\$0.1271	2	2,157	\$272.02	\$0.1261	2	1,724	\$215.45	\$0.1250	2	1,322		
Residential (Rural-Out w/Dmd)	ER3	16	19,858	\$2,377.56	\$0.1197	16	16,942	\$2,109.31	\$0.1245	16	20,579	\$2,560.83	\$0.1244	16	19,261	\$2,341.81	\$0.1216	16	17,439		
Residential (Rural-Out - All Electric w/Dm)	ER4	9	7,401	\$917.12	\$0.1239	9	8,540	\$1,073.07	\$0.1257	9	9,466	\$1,195.61	\$0.1263	9	9,576	\$1,175.26	\$0.1227	9	8,288		
Total Residential (Rural)		1,171	1,124,503	\$137,383.41	\$0.1222	1,174	1,337,252	\$165,692.37	\$0.1239	1,173	1,529,195	\$190,341.96	\$0.1245	1,172	1,384,991	\$168,707.84	\$0.1218	1,173	1,043,942		
Commercial (1 Ph-In - No Dmd)	EC2	72	47,338	\$6,768.08	\$0.1430	75	48,276	\$7,085.12	\$0.1468	75	49,252	\$7,295.40	\$0.1481	74	52,027	\$7,461.56	\$0.1434	74	46,563		
Commercial (1 Ph-Out - No Dmd)	EC2O	46	6,906	\$1,415.05	\$0.2049	46	7,669	\$1,536.40	\$0.2003	47	7,405	\$1,527.13	\$0.2062	45	8,002	\$1,552.94	\$0.1941	45	7,372		
Total Commercial (1 Ph) No Dmd		118	54,244	\$8,183.13	\$0.1509	121	55,945	\$8,621.52	\$0.1541	122	56,657	\$8,822.53	\$0.1557	119	60,029	\$9,014.50	\$0.1502	119	53,935		
Commercial (1 Ph-In - w/Demand)	EC1	257	297,012	\$43,203.06	\$0.1455	258	352,786	\$50,743.54	\$0.1438	258	402,789	\$57,034.99	\$0.1416	258	460,502	\$62,668.02	\$0.1361	258	335,821		
Commercial (1 Ph-Out - w/Demand)	EC1O	26	38,595	\$5,289.71	\$0.1371	25	30,982	\$4,512.62	\$0.1457	25	37,237	\$5,295.75	\$0.1422	25	38,742	\$5,266.86	\$0.1359	25	30,652		
Total Commercial (1 Ph) w/Demand		283	335,607	\$48,492.77	\$0.1445	283	383,768	\$55,256.16	\$0.1440	283	440,026	\$62,330.74	\$0.1417	283	499,244	\$67,934.88	\$0.1361	283	366,473		
Commercial (3 Ph-Out - No Dmd)	EC4O	2	40	\$41.00	\$1.0250	2	80	\$46.26	\$0.5783	2	40	\$41.20	\$1.0300	2	40	\$41.06	\$1.0265	2	40		
Total Commercial (3 Ph) No Dmd		2	40	\$41.00	\$1.0250	2	80	\$46.26	\$0.5783	2	40	\$41.20	\$1.0300	2	40	\$41.06	\$1.0265	2	40		
Commercial (3 Ph-In - w/Demand)	EC3	201	1,379,117	\$172,587.98	\$0.1251	203	1,595,241	\$203,673.47	\$0.1277	202	1,740,671	\$223,495.26	\$0.1284	202	1,914,635	\$238,552.14	\$0.1246	203	1,651,057		
Commercial (3 Ph-Out - w/Demand)	EC3O	39	283,681	\$36,648.60	\$0.1292	39	317,778	\$41,164.85	\$0.1295	40	412,439	\$52,282.08	\$0.1268	38	415,582	\$51,509.04	\$0.1239	38	412,387		
Commercial (3 Ph-Out - w/Dmd.&Sub-St)	E3SO	3	120,080	\$14,126.22	\$0.1176	3	139,680	\$16,763.38	\$0.1200	3	145,680	\$17,795.85	\$0.1222	3	142,840	\$16,789.77	\$0.1175	3	133,720		
Commercial (3 Ph-In - w/Demand, No Ta)	EC3T	1	1,880	\$235.92	\$0.1255	1	3,120	\$442.73	\$0.1419	1	4,800	\$637.44	\$0.1328	1	6,240	\$771.43	\$0.1236	1	5,680		
Total Commercial (3 Ph) w/Demand		244	1,784,758	\$223,598.72	\$0.1253	246	2,055,819	\$262,044.43	\$0.1275	246	2,303,590	\$294,210.63	\$0.1277	244	2,479,297	\$307,622.38	\$0.1241	245	2,202,844		
Large Power (In - w/Dmd & Rct)	EL1	21	2,611,643	\$261,934.52	\$0.1003	21	2,731,809	\$284,732.35	\$0.1042	21	3,037,231	\$311,034.61	\$0.1024	21	2,685,366	\$284,900.17	\$0.1061	20	2,303,124		
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	975,151	\$92,615.26	\$0.0950	3	921,926	\$91,984.54	\$0.0998	3	1,112,508	\$107,637.55	\$0.0968	3	1,006,242	\$96,026.30	\$0.0954	3	966,087		
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	405,600	\$40,258.99	\$0.0993	1	398,400	\$40,709.41	\$0.1022	1	451,200	\$45,502.92	\$0.1008	1	474,000	\$45,851.97	\$0.0967	1	475,200		
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	74,535	\$14,994.13	\$0.2012	2	75,019	\$15,989.77	\$0.2131	2	77,094	\$18,053.44	\$0.2342	2	75,674	\$13,439.88	\$0.1776	2	45,195		
Total Large Power		27	4,066,929	\$409,802.90	\$0.1008	27	4,127,154	\$433,416.07	\$0.1050	27	4,678,033	\$482,228.52	\$0.1031	27	4,241,282	\$440,218.32	\$0.1038	26	3,789,606		
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	989,828	\$87,858.45	\$0.0888	1	1,050,981	\$94,370.91	\$0.0898	1	1,180,028	\$105,636.89	\$0.0895	1	1,140,292	\$99,897.30	\$0.0876	1	1,120,127		
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	1,001,560	\$85,009.44	\$0.0849	1	989,846	\$88,326.21	\$0.0892	1	1,067,043	\$94,185.61	\$0.0883	1	1,004,383	\$87,514.48	\$0.0871	1	866,459		
Total Industrial		2	1,991,388	\$172,867.89	\$0.0868	2	2,040,827	\$182,697.12	\$0.0895	2	2,247,071	\$199,822.50	\$0.0889	2	2,144,675	\$187,411.78	\$0.0874	2	1,986,586		
Interdepartmental (In - No Dmd)	ED1	7	37,530	\$4,545.42	\$0.1211	7	39,363	\$4,882.68	\$0.1240	8	91,948	\$10,692.83	\$0.1163	8	42,268	\$5,155.27	\$0.1220	8	32,523		
Interdepartmental (Out - w/Dmd)	ED2O	2	624	\$102.05	\$0.1635	2	861	\$134.56	\$0.1563	2	924	\$144.21	\$0.1561	2	785	\$123.43	\$0.1572	2	396		
Interdepartmental (In - w/Dmd)	ED2	30	23,144	\$3,251.87	\$0.1405	31	24,898	\$3,566.86	\$0.1433	27	26,097	\$3,716.02	\$0.1424	27	25,226	\$3,515.77	\$0.1394	27	21,392		
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	167,921	\$19,556.26	\$0.1165	11	174,247	\$21,123.86	\$0.1212	11	165,579	\$20,410.43	\$0.1233	11	214,907	\$25,016.23	\$0.1164	11	207,490		
Interdepartmental (Street Lights)	EDSL	7	62,879	\$5,850.15	\$0.0930	7	62,879	\$5,849.06	\$0.0930	7	62,879	\$5,849.06	\$0.0930	7	62,879	\$5,851.14	\$0.0931	7	62,879		
Interdepartmental (Traffic Signals)	EDTS	9	1,702	\$157.37	\$0.0925	9	1,649	\$152.46	\$0.0925	9	1,582	\$146.25	\$0.0924	9	1,783	\$164.85	\$0.0925	9	1,716		
Generators (JV2 Power Cost Only)	GJV2	1	16,509	\$227.66	\$0.0138	1	14,549	\$61.40	\$0.0042	1	13,740	\$151.14	\$0.0110	1	16,181	\$1,059.37	\$0.0655	1	17,504		
Generators (JV5 Power Cost Only)	GJV5	1	12,432	\$171.44	\$0.0138	1	11,829	\$49.92	\$0.0042	1	11,827	\$130.10	\$0.0110	1	12,410	\$812.48	\$0.0655	1	12,279		
Total Interdepartmental		68	322,741	\$33,862.22	\$0.1049	69	330,275	\$35,820.82	\$0.1085	66	374,576	\$41,240.06	\$0.1101	66	376,439	\$41,698.54	\$0.1108	66	356,179		
SUB-TOTAL CONSUMPTION & DEMAND		5,878	12,200,629	\$1,327,848.20	\$0.1088	5,871	13,629,297	\$1,531,489.35	\$0.1124	5,878	15,596,452	\$1,747,517.93	\$0.1120	5,857	14,780,525	\$1,636,907.15	\$0.1107	5,854	12,303,128		
Street Lights (In)	SLO	16	0	\$13.73	\$0.0000	16	0	\$13.73	\$0.0000	16	0	\$12.99	\$0.0000	16	0	\$13.74	\$0.0000	16	0		
Street Lights (Out)	SLOO	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	2	0		
Total Street Light Only		18	0	\$14.50	\$0.0000	18	0	\$14.50	\$0.0000	18	0	\$13.76	\$0.0000	18	0	\$14.51	\$0.0000	18	0		
TOTAL CONSUMPTION & DEMAND		5,896	12,200,629	\$1,327,862.70	\$0.1088	5,889	13,629,297	\$1,531,503.85	\$0.1124	5,896	15,596,452										

BILLING SUMMARY AND CO												
JANUARY, 2017												
2017 - JANUARY BILLING WITH DECEMBER 201												
Class and/or Schedule	Rate Code	Nov-16 Billed	Cost / kWh For Month	Dec-16 # of Bills	Dec-16 (kWh Usage)	Dec-16 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	\$242,932.58	\$0.1131	3,336	1,581,730	\$183,002.56	\$0.1157	27,331,363	\$3,055,615.30	\$0.1118	3,335	56.6543%
Residential (Dom-In) w/Ecosmart	E1E	\$550.03	\$0.1151	9	3,850	\$450.79	\$0.1171	59,151	\$6,778.46	\$0.1146	9	0.1543%
Residential (Dom-In - All Electric)	E2	\$40,046.25	\$0.1143	609	334,728	\$38,111.29	\$0.1139	5,872,474	\$638,357.71	\$0.1087	609	10.3385%
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	\$69.24	\$0.1137	1	463	\$53.72	\$0.1160	7,694	\$867.47	\$0.1127	1	0.0170%
Total Residential (Domestic)		\$283,598.10	\$0.1133	3,955	1,920,771	\$221,618.36	\$0.1154	33,270,682	\$3,701,618.94	\$0.1113	3,954	67.1640%
Residential (Rural-Out)	ER1	\$78,722.02	\$0.1201	758	608,892	\$73,171.67	\$0.1202	9,214,402	\$1,076,847.77	\$0.1169	758	12.8682%
Residential (Rural-Out) w/Ecosmart	ER1E	\$282.84	\$0.1265	4	2,668	\$327.66	\$0.1228	33,654	\$4,073.04	\$0.1210	4	0.0680%
Residential (Rural-Out - All Electric)	ER2	\$42,825.95	\$0.1192	382	362,974	\$42,933.79	\$0.1183	5,379,226	\$618,548.79	\$0.1150	383	6.5035%
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	\$163.49	\$0.1237	2	1,582	\$190.47	\$0.1204	24,162	\$2,795.56	\$0.1157	2	0.0340%
Residential (Rural-Out w/Dmd)	ER3	\$2,051.35	\$0.1176	16	46,766	\$5,185.34	\$0.1109	372,473	\$40,832.36	\$0.1096	16	0.2718%
Residential (Rural-Out - All Electric w/Dm)	ER4	\$989.52	\$0.1194	9	18,500	\$2,079.32	\$0.1124	122,152	\$14,061.98	\$0.1151	9	0.1529%
Total Residential (Rural)		\$125,035.17	\$0.1198	1,171	1,041,382	\$123,888.25	\$0.1190	15,146,069	\$1,757,159.50	\$0.1160	1,171	19.8984%
Commercial (1 Ph-In - No Dmd)	EC2	\$6,545.95	\$0.1406	75	50,946	\$7,049.12	\$0.1384	584,119	\$90,680.80	\$0.1381	74	1.2642%
Commercial (1 Ph-Out - No Dmd)	EC2O	\$1,437.56	\$0.1950	45	8,932	\$1,620.43	\$0.1814	92,439	\$17,462.12	\$0.1889	44	0.7531%
Total Commercial (1 Ph) No Dmd		\$7,983.51	\$0.1480	120	59,878	\$8,669.55	\$0.1448	676,558	\$98,142.92	\$0.1451	119	2.0173%
Commercial (1 Ph-In - w/Demand)	EC1	\$47,217.20	\$0.1406	259	284,650	\$41,080.72	\$0.1443	4,045,708	\$544,500.81	\$0.1346	257	4.3630%
Commercial (1 Ph-Out - w/Demand)	EC1O	\$4,264.42	\$0.1391	25	27,577	\$3,864.86	\$0.1401	410,979	\$54,697.16	\$0.1331	25	0.4176%
Total Commercial (1 Ph) w/Demand		\$51,481.62	\$0.1405	284	312,227	\$44,945.58	\$0.1440	4,456,687	\$599,197.97	\$0.1344	281	4.7806%
Commercial (3 Ph-Out - No Dmd)	EC4O	\$40.87	\$1.0218	2	40	\$40.84	\$1.0210	18,160	\$2,474.47	\$0.1363	2	0.0340%
Total Commercial (3 Ph) No Dmd		\$40.87	\$1.0218	2	40	\$40.84	\$1.0210	18,160	\$2,474.47	\$0.1363	2	0.0340%
Commercial (3 Ph-In - w/Demand)	EC3	\$199,730.82	\$0.1210	201	1,384,783	\$169,316.91	\$0.1223	17,916,931	\$2,147,150.84	\$0.1198	203	3.4443%
Commercial (3 Ph-Out - w/Demand)	EC3O	\$49,235.84	\$0.1194	38	557,691	\$64,658.85	\$0.1159	4,529,447	\$538,733.59	\$0.1189	39	0.6597%
Commercial (3 Ph-Out - w/Dmd.&Sub-St)	E3SO	\$15,002.98	\$0.1122	3	139,320	\$15,472.45	\$0.1111	1,639,280	\$182,763.41	\$0.1115	3	0.0510%
Commercial (3 Ph-In - w/Demand, No Ta)	EC3T	\$686.81	\$0.1209	1	3,320	\$439.88	\$0.1325	37,120	\$4,604.05	\$0.1240	1	0.0170%
Total Commercial (3 Ph) w/Demand		\$264,656.45	\$0.1201	243	2,085,114	\$249,888.09	\$0.1198	24,122,778	\$2,873,251.89	\$0.1191	246	4.1719%
Large Power (In - w/Dmd & Rct)	EL1	\$218,711.68	\$0.0950	20	2,210,942	\$210,920.21	\$0.0954	30,173,417	\$2,888,777.64	\$0.0957	21	0.3539%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	\$86,575.44	\$0.0896	3	887,321	\$79,476.15	\$0.0896	11,555,059	\$1,025,717.02	\$0.0888	3	0.0510%
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	\$44,870.95	\$0.0944	1	474,000	\$42,120.83	\$0.0889	4,617,600	\$434,367.12	\$0.0941	1	0.0170%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	\$8,059.22	\$0.1783	2	36,000	\$3,604.02	\$0.1001	850,663	\$122,200.33	\$0.1437	2	0.0340%
Total Large Power		\$358,217.29	\$0.0945	26	3,608,263	\$336,121.21	\$0.0932	47,196,739	\$4,471,062.11	\$0.0947	27	0.4558%
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	\$93,821.52	\$0.0838	1	1,026,149	\$85,785.78	\$0.0836	12,872,275	\$1,066,827.39	\$0.0829	1	0.0170%
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	\$74,763.55	\$0.0863	1	877,066	\$77,044.35	\$0.0878	11,834,160	\$969,036.54	\$0.0819	1	0.0170%
Total Industrial		\$168,585.07	\$0.0849	2	1,903,215	\$162,830.13	\$0.0856	24,706,435	\$2,035,863.93	\$0.0824	2	0.0340%
Interdepartmental (In - No Dmd)	ED1	\$3,903.77	\$0.1200	8	34,023	\$3,760.94	\$0.1105	609,674	\$66,715.10	\$0.1094	8	0.1317%
Interdepartmental (Out - w/Dmd)	ED2O	\$72.33	\$0.1827	2	294	\$59.69	\$0.2030	5,526	\$970.58	\$0.1756	2	0.0340%
Interdepartmental (In - w/Dmd)	ED2	\$2,928.44	\$0.1369	27	36,353	\$4,716.41	\$0.1297	472,390	\$59,326.87	\$0.1256	27	0.4629%
Interdepartmental (3Ph-In - w/Dmd)	ED3	\$23,420.90	\$0.1129	11	182,999	\$20,119.76	\$0.1099	2,557,604	\$279,738.93	\$0.1094	11	0.1869%
Interdepartmental (Street Lights)	EDSL	\$5,849.08	\$0.0930	7	62,879	\$5,851.14	\$0.0931	754,548	\$70,196.29	\$0.0930	7	0.1189%
Interdepartmental (Traffic Signals)	EDTS	\$158.67	\$0.0925	9	1,881	\$173.91	\$0.0925	21,246	\$1,964.38	\$0.0925	10	0.1727%
Generators (JV2 Power Cost Only)	GJV2	\$1,768.25	\$0.1010	1	19,755	\$1,142.63	\$0.0578	216,961	\$7,264.64	\$0.0335	1	0.0170%
Generators (JV5 Power Cost Only)	GJV5	\$1,240.42	\$0.1010	1	13,591	\$786.10	\$0.0578	156,223	\$5,139.11	\$0.0329	1	0.0170%
Total Interdepartmental		\$39,341.86	\$0.1105	66	351,775	\$36,610.58	\$0.1041	4,794,172	\$491,315.90	\$0.1025	67	1.1410%
SUB-TOTAL CONSUMPTION & DEMAND		\$1,298,939.94	\$0.1056	5,869	11,282,665	\$1,184,612.59	\$0.1050	154,388,280	\$16,030,087.63	\$0.1038	5,869	99.6971%
Street Lights (In)	SLO	\$13.73	\$0.0000	16	0	\$13.74	\$0.0000	1,463	\$341.82	\$0.2336	16	0.2690%
Street Lights (Out)	SLOO	\$1.92	\$0.0000	2	0	\$0.77	\$0.0000	0	\$10.38	\$0.0000	2	0.0340%
Total Street Light Only		\$15.65	\$0.0000	18	0	\$14.51	\$0.0000	1,463	\$352.20	\$0.2407	18	0.3029%
TOTAL CONSUMPTION & DEMAND		\$1,298,955.59	\$0.1056	5,887	11,282,665	\$1,184,627.10	\$0.1050	154,389,743	\$16,030,439.83	\$0.1038	5,887	100.0000%

2017 JANUARY - ELECTRIC PSCAF - BILLING COMPARISONS TO PRIOR PERIODS										
Rate Comparisons to Prior Month and Prior Year for Same Period						Month and Prior Year				
	Service Usage	Service Units	Current January 2017 Rate	Prior Month December 2016 Rate	Prior Year January 2016 Rate	Service Usage	Service Units	Current January 2017 Rate	Prior Month December 2016 Rate	Prior Year January 2016 Rate
Customer Type										
<i>Customer Type -></i>	RESIDENTIAL USER - (w/Gas Heat)					RESIDENTIAL USER - (All Electric)				
Customer Charge			\$6.00	\$6.00	\$6.00			\$6.00	\$6.00	\$6.00
Distribution Energy Charge			\$20.93	\$20.93	\$20.93			\$33.39	\$33.39	\$33.39
Distribution Demand Charge										
Power Supply Energy Charge	978	kWh	\$71.20	\$71.20	\$71.20	1,976	kWh	\$143.85	\$143.85	\$143.85
Power Supply Demand Charge										
PSCAF - Monthly Factor	978	kWh	\$6.13	\$4.12	-\$4.30	1,976	kWh	\$12.39	\$8.32	-\$8.69
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			\$108.81	\$106.80	\$98.38			\$204.82	\$200.75	\$183.74
Water	6	CCF	\$42.27	\$41.37	\$39.57	11	CCF	\$68.02	\$66.37	\$63.07
Sewer (w/Stm.Sew. & Lat.)	6	CCF	\$70.89	\$64.63	\$54.58	11	CCF	\$98.89	\$90.08	\$76.78
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			\$140.66	\$133.50	\$121.65			\$194.41	\$183.95	\$167.35
Total Billing - All Services			\$249.47	\$240.30	\$220.03			\$399.23	\$384.70	\$351.09
<i>Verification Totals-></i>			\$249.47	\$240.30	\$220.03			\$399.23	\$384.70	\$351.09
				<i>Cr.Mo to Pr.Mo</i>	<i>Cr.Yr to Pr.Yr</i>				<i>Cr.Mo to Pr.Mo</i>	<i>Cr.Yr to Pr.Yr</i>
Dollar Chg.to Prior Periods				\$9.17	\$29.44				\$14.53	\$48.14
% Inc/Dec(-) to Prior Periods				3.82%	13.38%				3.78%	13.71%
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Cost/kWH - Electric	978	kWh	\$0.11126	\$0.10920	\$0.10059	1,976	kWh	\$0.10365	\$0.10159	\$0.09299
% Inc/Dec(-) to Prior Periods				1.89%	10.61%				2.03%	11.46%
Cost/CCF - Water	6	CCF	\$7.04500	\$6.89500	\$6.59500	11	CCF	\$6.18364	\$6.03364	\$5.73364
Cost/GALLONS - Water	4,488	GAL	\$0.00942	\$0.00922	\$0.00882	8,229	GAL	\$0.00827	\$0.00807	\$0.00766
% Inc/Dec(-) to Prior Periods				2.18%	6.82%				2.49%	7.85%
Cost/CCF - Sewer	6	CCF	\$11.81500	\$10.77167	\$9.09667	11	CCF	\$8.99000	\$8.18909	\$6.98000
Cost/GALLON - Sewer	4,488	GAL	\$0.01580	\$0.01440	\$0.01216	8,229	GAL	\$0.01202	\$0.01095	\$0.00933
% Inc/Dec(-) to Prior Periods				9.69%	29.88%				9.78%	28.80%
<i>(Listed Accounts Assume SAME USAGE for kWH and Water (CCF) for All Billing Periods)</i>										
<i>(One "1" Unit CCF of Water = "Hundred Cubic Foot" = 748 Gallons)</i>										

2017 JANUARY - ELECTRIC P			RATE REVIEW COMPARISONS - Current to Prior Month and Prior Year							
Rate Comparisons to Prior Month at										
	Service	Service	Current	Prior Month	Prior Year			Current	Prior Month	Prior Year
Customer Type	Usage	Units	January	December	January	Service	Service	January	December	January
			2017 Rate	2016 Rate	2016 Rate	Usage	Units	2017 Rate	2016 Rate	2016 Rate
<i>Customer Type -></i>	COMMERCIAL USER - (3 Phase w/Demand)					INDUSTRIAL USER - (3 Phase w/Demand)				
Customer Charge			\$18.00	\$18.00	\$18.00			\$100.00	\$100.00	\$100.00
Distribution Energy Charge	7,040	kWh	\$38.02	\$38.02	\$38.02	98,748	Reactive	\$2,303.85	\$2,303.85	\$2,303.85
Distribution Demand Charge	20.32	kW/Dmd	\$92.86	\$92.86	\$92.86	1510.1	kW/Dmd	\$8,215.30	\$8,215.30	\$8,215.30
Power Supply Energy Charge	7,040	kWh	\$623.04	\$623.04	\$623.04	866,108	kWh	\$39,165.42	\$39,165.42	\$39,165.42
Power Supply Demand Charge								\$15,296.55	\$15,296.55	\$15,296.55
PSCAF - Monthly Factor	7,040	kWh	\$44.14	\$29.64	-\$30.98			\$5,158.97	\$3,464.00	-\$3,620.33
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			\$846.52	\$832.02	\$771.40			\$73,393.70	\$71,698.73	\$64,614.40
Water	25	CCF	\$137.32	\$133.57	\$126.07	300	CCF	\$1,555.51	\$1,555.51	\$1,420.51
Sewer (w/Stm.Sew. & Lat.)	25	CCF	\$178.69	\$162.74	\$138.94	300	CCF	\$1,718.69	\$1,562.49	\$1,359.94
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			\$330.51	\$310.81	\$279.51			\$3,609.20	\$3,453.00	\$3,115.45
Total Billing - All Services			\$1,177.03	\$1,142.83	\$1,050.91			\$77,002.90	\$75,151.73	\$67,729.85
<i>Verification Totals-></i>			\$1,177.03	\$1,142.83	\$1,050.91			\$77,002.90	\$75,151.73	\$67,729.85
				<i>Cr.Mo to Pr.Mo</i>	<i>Cr.Yr to Pr.Yr</i>				<i>Cr.Mo to Pr.Mo</i>	<i>Cr.Yr to Pr.Yr</i>
Dollar Chg.to Prior Periods				\$34.20	\$126.12				\$1,851.17	\$9,273.05
% Inc/Dec(-) to Prior Periods				2.99%	12.00%				2.46%	13.69%
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Cost/kWh - Electric	7,040	kWh	\$0.12024	\$0.11818	\$0.10957	866,108	kWh	\$0.08474	\$0.08278	\$0.07460
% Inc/Dec(-) to Prior Periods				1.74%	9.74%				2.37%	13.59%
Cost/CCF - Water	25	CCF	\$5.49280	\$5.34280	\$5.04280	300	CCF	\$5.18503	\$5.18503	\$4.73503
Cost/GALLONS - Water	18,701	GAL	\$0.00734	\$0.00714	\$0.00674	224,415	GAL	\$0.00693	\$0.00693	\$0.00633
% Inc/Dec(-) to Prior Periods				2.81%	8.92%				0.00%	9.50%
Cost/CCF - Sewer	25	CCF	\$7.14760	\$6.50960	\$5.55760	300	CCF	\$5.72897	\$5.20830	\$4.53313
Cost/GALLON - Sewer	18,701	GAL	\$0.00956	\$0.00870	\$0.00743	224,415	GAL	\$0.00766	\$0.00696	\$0.00606
% Inc/Dec(-) to Prior Periods				9.80%	28.61%				10.00%	26.38%
<i>(Listed Accounts Assume SAME USA</i>										
<i>(One "1" Unit CCF of Water = "Hundre</i>										

Electric Dept. Report December 2016

There were 8 callout/outages during the month of December. Two callouts were electrical issues with a traffic light on Scott Street by McDonalds. One outage was caused by phone cables snapping Electric poles on West Riverview. One outage was caused by a faulty transformer at 504 East Washington. One outage was caused by a broken epoxilator on Rd. M between Rds. 15 and 16. One callout was to check leaning and cracked poles on West Riverview that turned out to be phone company poles. One outage was caused by a broken copper wire going to a cutout that fed power to a transformer on RD T between Rds. 14 and 15. One outage was found to be a faulted underground feed on a house service on Lakeview Drive.

Linemen/Service Truck: Linemen installed a new URD at 107 Pontious. Crews ran new primary URD for Dental Excellence. Crews installed new 3 phase for Dominos on Scott street. Crews replaced primary URD service on Lamar Lane. Crews installed new primary URD service on Rd. T between 9 & 10 for grain hauling terminal. Crews installed a temp service in 800 block of Welsted and attended safety class. Linemen replaced street light poles at Woodland Groves at Holly Hill area. Crews cleaned up poles from Ritter Park and installed new 3 phase pole and guy pole across Riverview. Crews removed 2 poles on Rd. R and installed 1 pole to correct span distance. Line crews helped tree crew take down large tree on Rd T between Rd. 13 and St. Rt. 108 that was threat to 69 KV transmission line. Crews helped clean up inventory yard. Crews replaced 3 phase distribution pole on Enterprise adjacent to Industrial substation. Crews also performed truck and shop maintenance. The Service truck lineman performed locates and completed work orders.

Substation Crew: This crew performed monthly maintenance and checks, upgrades, switching for FE and worked on NERC compliance and attended safety classes.

Tree Crew: The tree trimming crew worked on 424 West, Coon Hollow, Rd. 16, Eastpointe Apts., Freedom Drive, Lagrange St. and Rd. T. The crew attended safety classes. Jerry also helped count inventory during Jaime Howe's vacation.

Storeroom/Inventory: Shawn read meters, ordered inventory, performed equipment maintenance in shop as needed. Shawn and Jerry completed inventory counts for year end.

The Peak Load for December, 2016 was **24.36 MW** occurring on the 14th at 7:30 PM. This was an increase of .42 MW compared to December 2015. The turbine and JV5 did not run. The JV2 was started on December 20th but provided a negligent amount of output. The Solar Field produced 113.02 MWh in December. This was a decrease of 51.59 MWh compared to December, 2015. The December 2016 peak was 3.26 MW. This was an increase of .21 MW compared to December, 2015

City of Napoleon, Ohio



SUMMARY OF DECEMBER 2016 OUTAGE/STANDBY CALL-OUTS

December 11, 2016:

Electric personnel were dispatched at 6:20 p.m. to the traffic light on Scott St. at Walmart. The light had a shorted switch because of the snow and ice and the personnel disconnected the bad switch and reset the lights.

December 12, 2016:

Electric personnel were dispatched at 1:30 a.m. to the traffic light on Scott St. at Walmart. The circuit breaker failed and the personnel could not reset it. The Operations Department brought out temporary stop signs.

December 15, 2016:

Electric personnel were dispatched at 5:39 p.m. to 1025 W. Riverview Ave. due to a power outage. The outage lasted two hours and forty five minutes and affected five hundred and sixty seven customers. The outage was due to an electric pole that broke due to snow and ice that made the wires contracting pulling harder on the pole. The personnel replaced the pole and restored power.

December 17, 2016:

Electric personnel were dispatched at 8:17 p.m. to 504 E. Washington St. due to a power outage. The outage lasted two hours and affected one customer. The outage was due to a bad transformer. The personnel replaced the transformer.

December 17, 2016:

Electric personnel were dispatched at 11:38 p.m. to 15070 County Road M due to a power outage. The outage lasted one hour and twenty minutes and affected one customer. The outage was caused by a broken epoxilator due to snow and ice. The personnel replaced the epoxilator and refused the cut out.

December 20, 2016:

Electric personnel were dispatched at 3:40 p.m. to W. Riverview Ave. from Glenwood Ave to Hurst Dr. due to cracked and leaning poles. The personnel checked the poles and they were phone poles.

December 31, 2016:

Electric personnel were dispatched at 1:36 p.m. to 14816 County Road T due to a power outage. The outage lasted one hour and affected one customer. The outage was due to a broken copper wire. The personnel repaired the broken wire.

December 31, 2016:

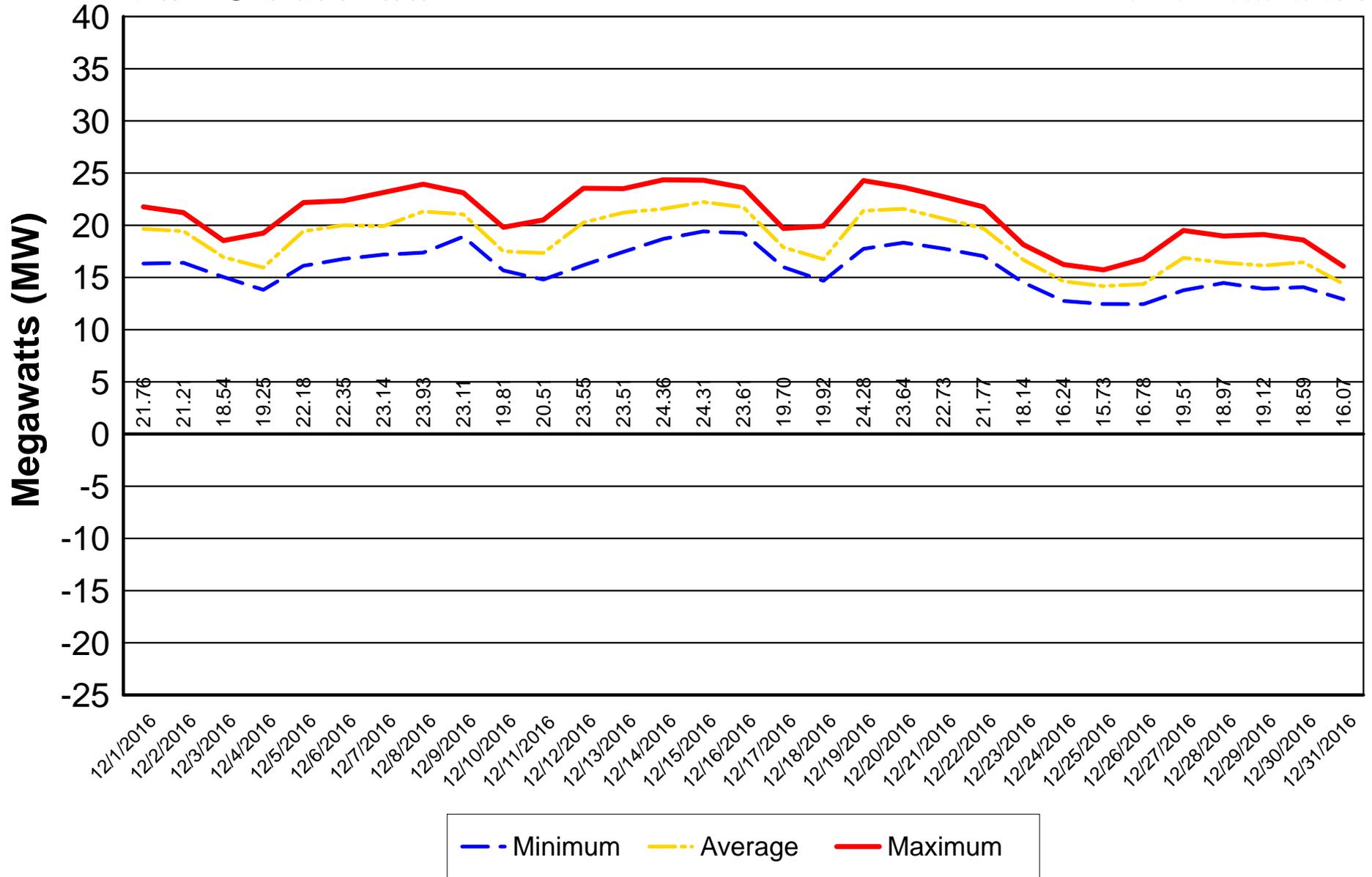
Electric personnel were dispatched at 3:00 p.m. to 1 Lakeview Dr. due to a power outage. The outage lasted two hours and affected one customer. The outage was due to a bad underground wire. The personnel identified the bad underground wire and hooked up the service saver.

Napoleon Power & Light

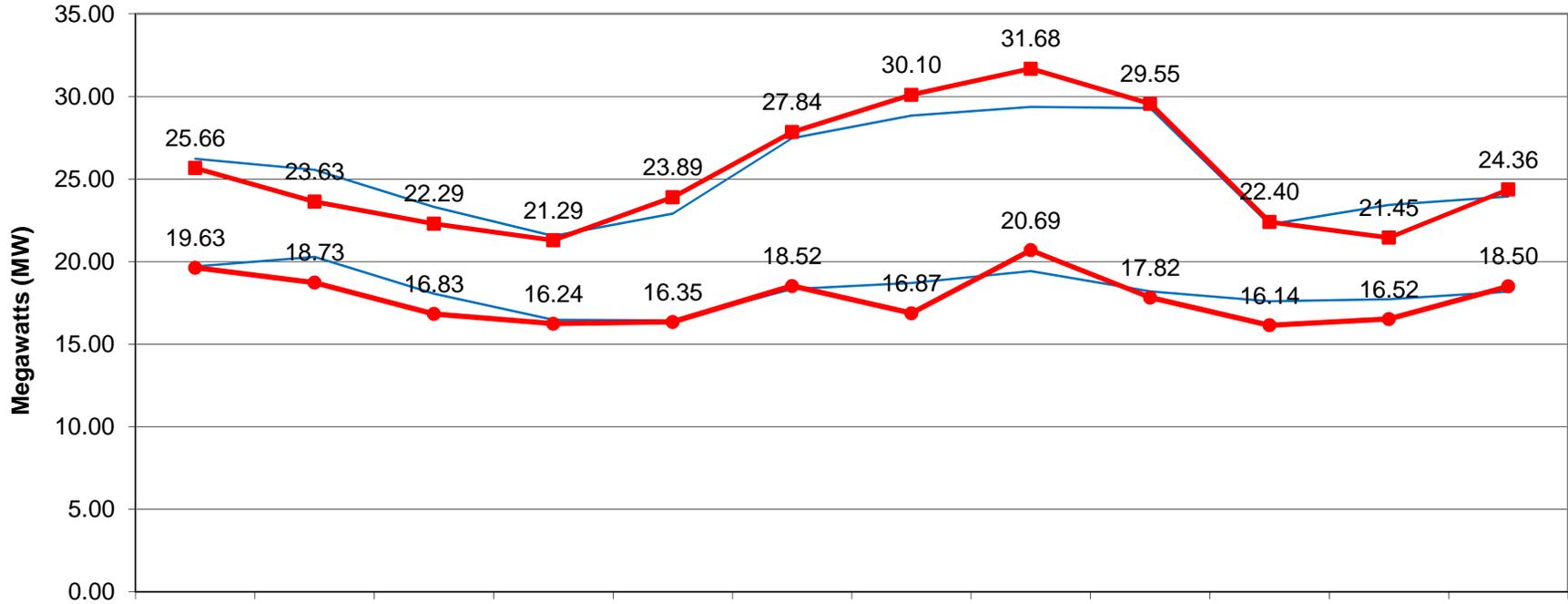
System Load

Peak Load:
24.36 MW @ 12/14/2016 7:30:00PM

Month of: December 2016



NAPOLEON POWER & LIGHT



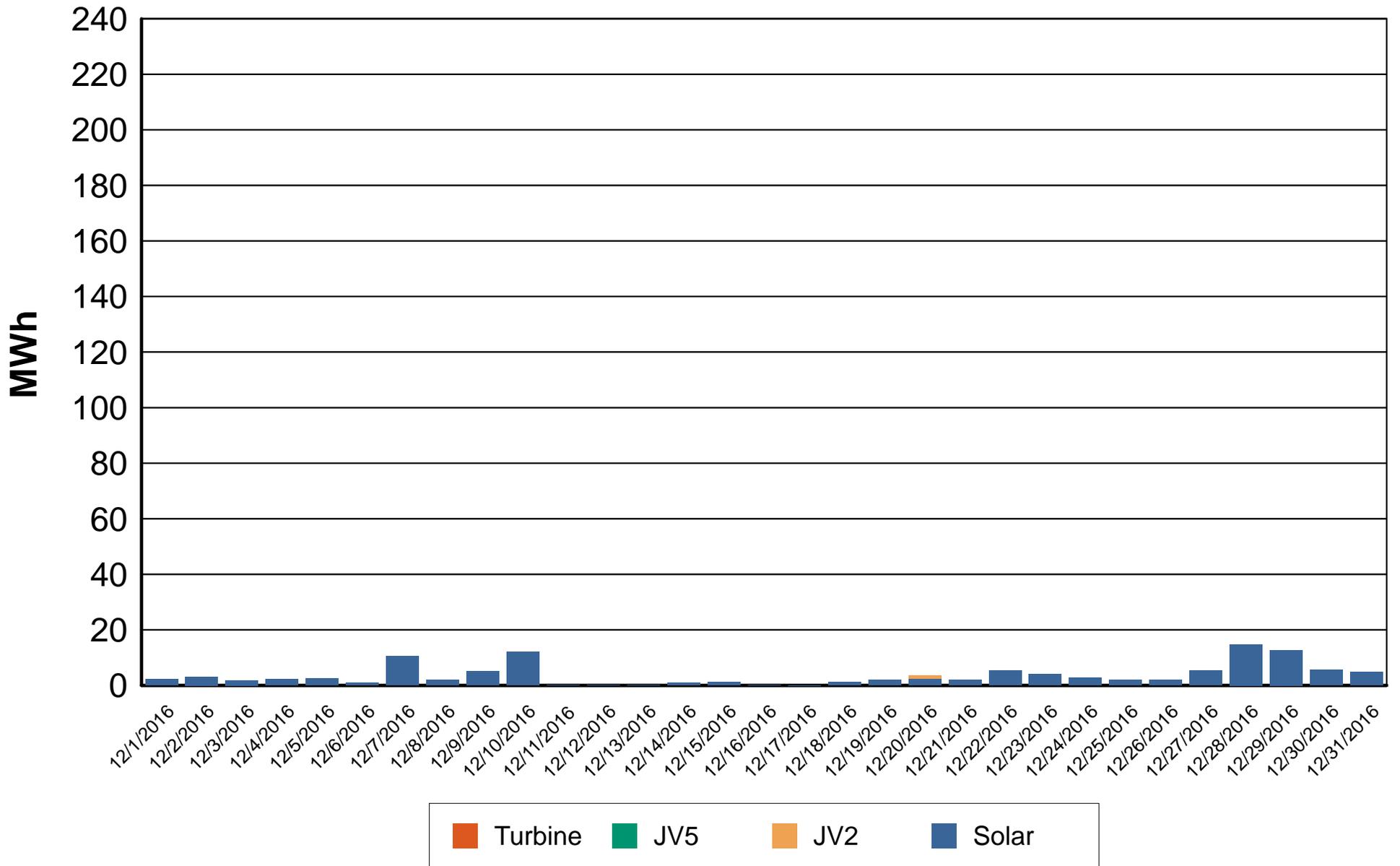
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1/1/2015	1/1/2015	2/1/2015	3/1/2015	4/1/2015	5/1/2015	6/1/2015	7/1/2015	8/1/2015	9/1/2015	10/1/2015	11/1/2015	12/1/2015
— 2015 MAX	26.22	25.55	23.31	21.55	22.90	27.47	28.83	29.37	29.29	22.25	23.43	23.94
— 2015 AVG	19.70	20.28	18.05	16.48	16.43	18.33	18.71	19.43	18.19	17.59	17.72	18.17
— 2016 MAX	25.66	23.63	22.29	21.29	23.89	27.84	30.10	31.68	29.55	22.40	21.45	24.36
— 2016 AVG	19.63	18.73	16.83	16.24	16.35	18.52	16.87	20.69	17.82	16.14	16.52	18.50

— 2015 MAX — 2015 AVG — 2016 MAX — 2016 AVG

Napoleon Power & Light

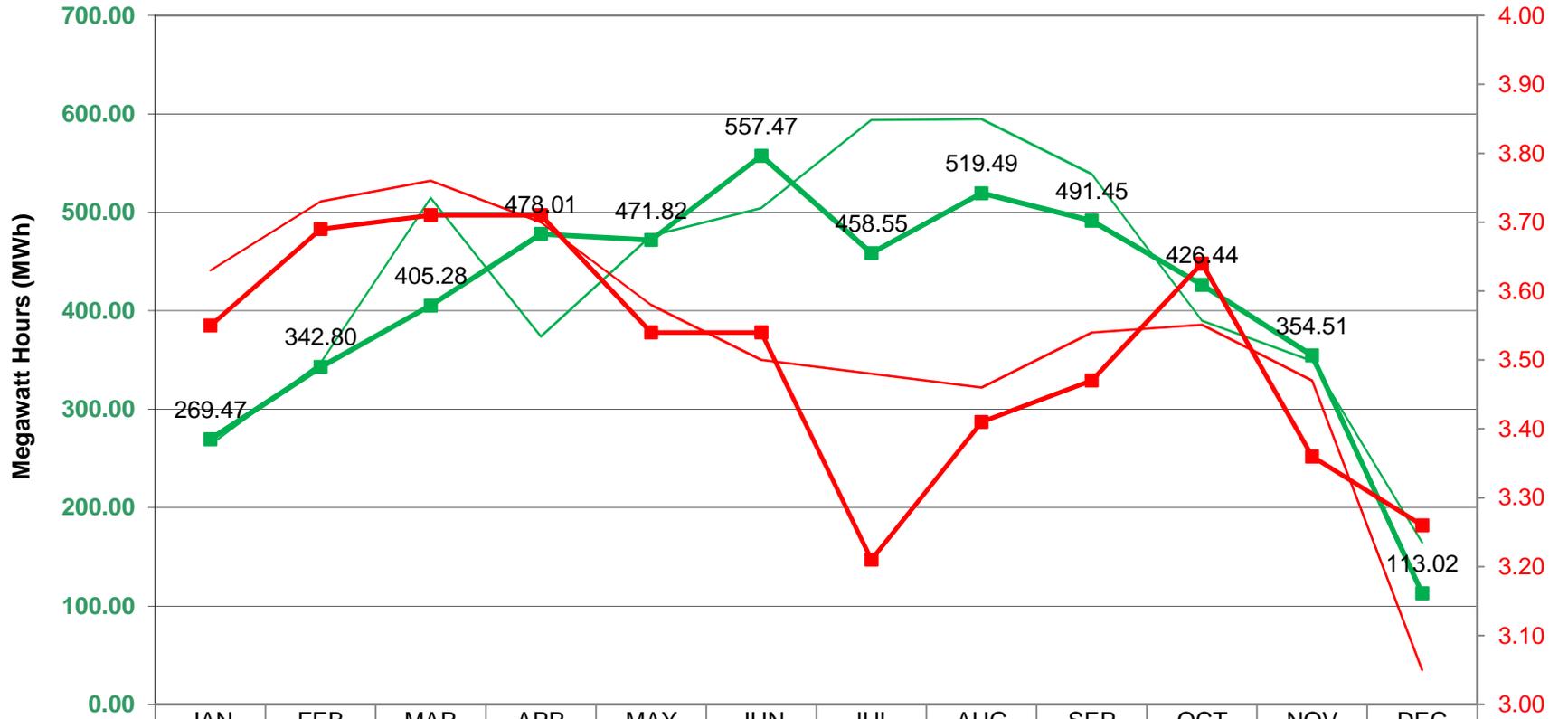
Daily Generation Output

December 2016



NAPOLEON POWER & LIGHT

Solar Field Output Trend

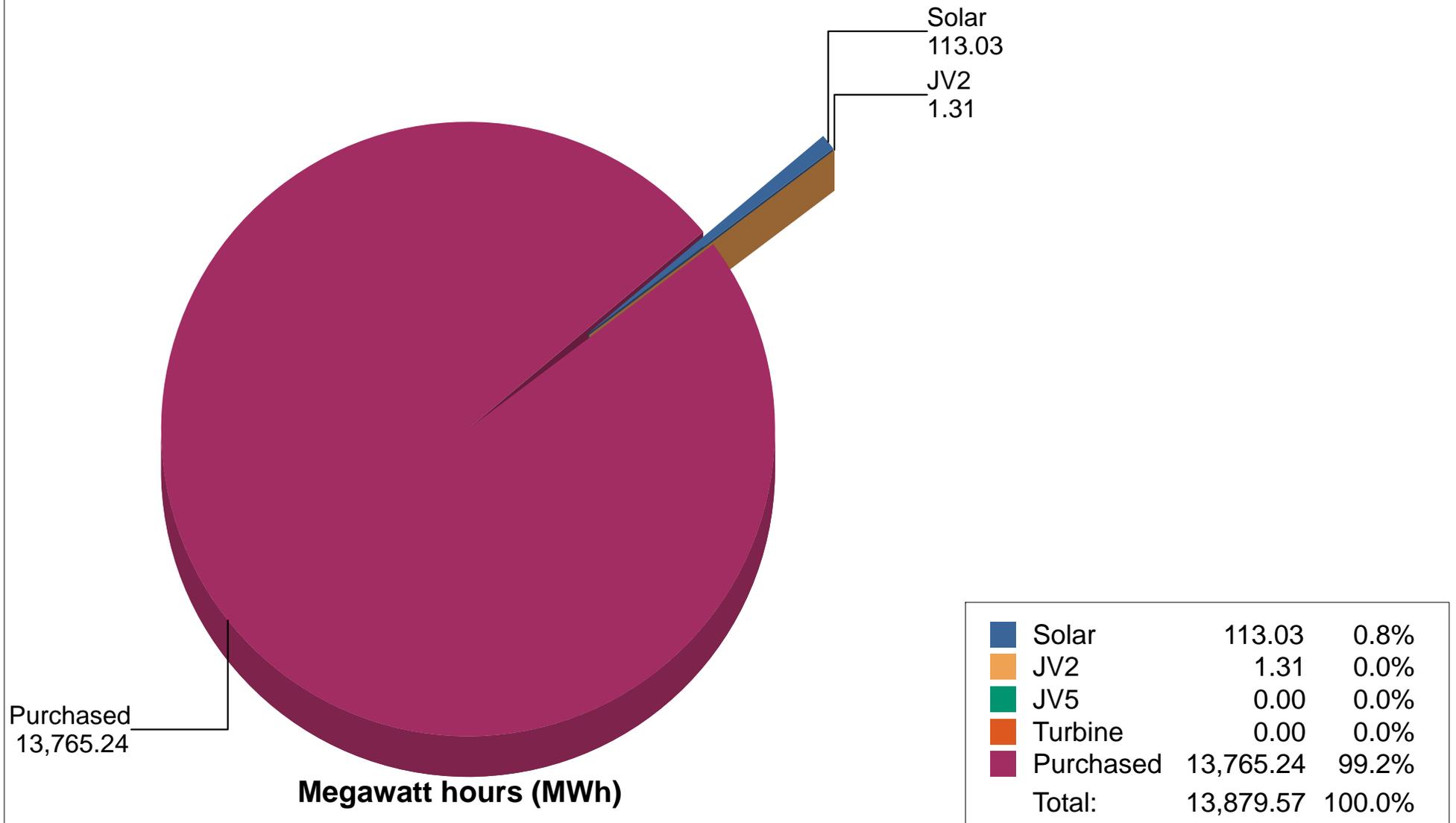


	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
— 2015 MWh	264.01	347.24	514.48	373.66	476.27	504.31	593.72	594.85	538.75	389.83	348.77	164.61
—■ 2016 MWh	269.47	342.80	405.28	478.01	471.82	557.47	458.55	519.49	491.45	426.44	354.51	113.02
— 2015 PEAK	3.63	3.73	3.76	3.70	3.58	3.50	3.48	3.46	3.54	3.55	3.47	3.05
—■ 2016 PEAK	3.55	3.69	3.71	3.71	3.54	3.54	3.21	3.41	3.47	3.64	3.36	3.26

Napoleon Power & Light

Power Portfolio

December 2016



City of Napoleon, Ohio

BOARD OF PUBLIC AFFAIRS

Meeting Agenda

Monday, January 09, 2017 at 6:30 pm

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

- 1) Approval of the Minutes from December 12, 2016 (*In the absence of any objections or corrections, the Minutes shall stand approved*)
- 2) Review/Approval of the Power Supply Cost Adjustment Factor for January, 2017:
PSCAF three (3) month averaged factor \$0.00627
JV2 \$0.066441
JV5 \$0.066441
- 3) Electric Department Report.
- 4) Any other matters to come before the Board.
- 5) Adjournment



Gregory J. Heath
Finance Director/Clerk of Council

City of Napoleon, Ohio

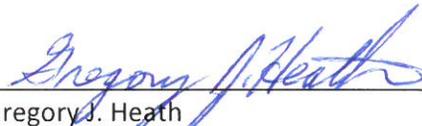
AD-HOC COMMITTEE ON ORGANIZATIONAL HEALTH AND STRATEGIC VISION

Monday, January 09, 2017 at 7:00 pm

Meeting Agenda

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

1. Approval of Minutes from August 15, 2016 and September 19, 2016 *(In the absence of any objections or corrections, the Minutes shall stand approved)*
2. Discussion on Mission and Strategic Vision.
3. Any other matters currently assigned to the Committee.
4. Adjournment.



Gregory J. Heath
Finance Director/Clerk of Council

City of Napoleon, Ohio
AD HOC COMMITTEE ON ORGANIZATIONAL HEALTH
Meeting Minutes
August 15, 2016 at 6:00 pm

PRESENT

Members
City Staff

Travis Sheaffer – Chair, Dan Baer, Joe Bialorucki
Monica Irelan, City Manager
Gregory Heath, Finance Director/Clerk of Council
Lisa Nagel, Law Director
Clayton O’Brien, Fire Chief
Kristi Rhoads
Newsmedia

Recorder
Others

ABSENT

None

Council President Sheaffer created the Ad-hoc Committee on Organizational Health at the August 1, 2016 regular meeting of City Council, and appointed himself as the Chair of the Committee.

Call To Order

Chairman Sheaffer called the meeting to order at 6:03 pm.

**Discussion Regarding
City Organizational
Health by City Manager**

Irelan summarized the survey results on governance (copy attached), she feels we need to focus on community engagement. Travis asked how we can make our citizens feel more welcome. Irelan said in previous communities she worked in they did a Citizens Academy where once a year for a month you meet on every Tuesday and a different topic/departments are covered each week. Baer asked what the cost would be. Irelan said it would depend on how you structured it, approximately \$500 that would include dinner and a plaque at the end of the class, she suggested limiting the class to thirty people or less. Sheaffer asked how much time would be involved. Irelan said we would not have to reinvent the wheel as other communities have already done this program, the first time would be the most expensive. Is this something you would want to set as a 2017 goal. Baer said he liked the idea if it would fit in the budget. He also suggested you could possibly do an information flyer you could put in with the bills. He is going to meet with the high school government teacher about setting up a program for government student of the month and the students could a Council Meeting and meet with Department Head of a department they are interested in, would affect Juniors and Seniors but will may back to the rest of the family, this would be another option. Sheaffer said we should start with value of services and possibly start academy in 2017. Irelan feels people would appreciate curbside waste pickup services, there are some exceptions she is not sure what they are. Baer said it would nice on

AD-HOC COMMITTEE ON ORGANIZATIONAL HEALTH

Monday, September 19, 2016 at 6:30 pm

Meeting Minutes

<p>PRESENT Committee City Staff</p> <p>Recorder ABSENT Committee Member</p>	<p>Travis Sheaffer – Chair; Joe Bialorucki Greg Heath, Finance Director Lisa Nagel, Law Director Monica Irelan, City Manager Clayton O’Brien, Fire Chief Jason Maassel, Mayor Robert L. Weitzel, Chief of Police Roxanne Dietrich</p> <p>Dan Baer</p>
<p>Call To Order</p> <p>Governance Based on Survey Results</p>	<p>Chairman Sheaffer called the meeting to order at 6:35 pm.</p> <p>Irelan passed out a presentation on citizens academy (see attached). She said there are several communities throughout the nation that are participating in a citizens academy. The mission of the academy is to familiarize and educate the citizens about the function and purpose of city government. It is recommended to keep a smaller class size of 25-30 members that would be divided into six sessions. Some lessons others have learnt, the academy did not just benefit citizens it also helped staff understand what other departments do. Is this something the group would be interested in? What would be the mission and goals for program? How would we measure success? Do we want to provide dinner? How large and how long should the classes be? How may group session do you want to hold? Where could the classes be held? Sheaffer said he would like to see something start next year. Bialorucki agreed.</p> <p>Sheaffer asked you do one session every six months for the first year? I think there will be enough interest. Irelan said her guess would be the first year would have a higher demand. We can reassess every couple of years. Sheaffer said the mission could be to familiarize citizens about the functions of the government. Irelan said we could have closing questions at graduation to measure the success of the program. Bialorucki suggested we could ask after the first three sessions if they have any suggestions for an area we did not think of. Sheaffer said he had no problem providing pizza or something like that. Irelan asked if they wanted to limit the class size to 25-30 people. Bialorucki said any more than that would be too much. Sheaffer asked where would the classes be held. Irelan said she thought the Fire</p>

Department Training Room would hold 30 people and is set up with a power point option. Bialorucki asked how long would the sessions be for. Irelan said we should try to keep them to an hour from 6:00 – 7:00 pm, some may be longer depending on the group. Sheaffer suggested we plan for an hour and a half and if the class is done in an hour we leave. Irelan said may want to plan for two hour sessions with a break at an hour. Heath asked if these would be a public meeting. Irelan said the first one would be. Sheaffer said council can attend other sessions as long as there are not four councilmembers at the same meeting. Irelan said she will put together more about the project and bring it back for the committee to look at. Sheaffer said last month Baer brought up about the government class and I am still working on that.

Sheaffer told the committee it is his plan to merge the Ad Hoc Committee on Organizational Health and Strategic Vision. I would suggest putting the three current councilmembers and the Mayor on that committee.

Motion To Adjourn

Motion: Bialorucki Second: Sheaffer
To adjourn the meeting at 6:50 pm.

Passed
Yea- 2
Nay- 0

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

Approval Date

January 09, 2017

Travis Sheaffer, Chair



City of Napoleon, Ohio

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Napoleon, Ohio 43545-0151
Phone (419) 599-1235 Fax (419)-599-8393
www.napoleonohio.com

MEMORANDUM

TO: Water/Sewer Committee, City Council, Mayor, City Manager, City Law Director, City Finance Director, Department Supervisors, Newsmedia

FROM: Gregory J. Heath, Finance Director/Clerk of Council *G. H.*

DATE: January 5, 2017

RE: Water/Sewer Committee Meeting Cancellation

The regularly scheduled meeting of the Water, Sewer, Refuse, Recycling & Litter Committee for Monday, January 09, 2017 at 7:00 pm has been CANCELED due to the lack of agenda items.



City of Napoleon, Ohio

255 West Riverview Avenue • P. O. Box 151
Napoleon, Ohio 43545-0151
Phone (419) 599-1235 Fax (419)-599-8393
www.napoleonohio.com

MEMORANDUM

TO: Municipal Properties/ED Committee, City Council, Mayor, City Manager, City Law Director, City Finance Director, Department Supervisors, Newsmedia

FROM: Gregory J. Heath, Finance Director/Clerk of Council *G. H.*

DATE: January 5, 2017

RE: Municipal Properties/ED Committee Meeting Cancellation

The regularly scheduled meeting of the Municipal Properties & Economic Development Committee for Monday, January 09, 2017 at 7:30 pm has been CANCELED due to the lack of agenda items.

City of Napoleon, Ohio

PRESERVATION COMMISSION

Meeting Agenda

Tuesday, January 10, 2017 at 2:30 pm

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

1. Approval of Minutes from October 04, 2016 (*In the absence of any objections or corrections, the Minutes shall stand approved.*)

2. To Review an Amended Application for a Certificate of Appropriateness for proposed changes to 303-315 West Main Street (Central Middle School facility). This amended application is on behalf of the Napoleon Civic Center Foundation filed by the Napoleon Area City Board of Education. The property is within the City's Preservation District.

3. Any other matters to come before the Commission

4. Adjournment



Gregory J. Heath, Finance Director/Clerk of Council



City of Napoleon, Ohio

255 West Riverview Avenue • P. O. Box 151
Napoleon, Ohio 43545-0151
Phone (419) 599-1235 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, Newsmedia

FROM: Gregory J. Heath, Finance Director/Clerk of Council *G.J.H.*

DATE: January 5, 2017

RE: Board of Zoning Appeals Meeting Cancellation

The Board of Zoning Appeals meeting regularly scheduled for Tuesday, January 10, 2017 at 4:30 pm has been CANCELED due to lack of agenda items.



City of Napoleon, Ohio

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MEMORANDUM

TO: Planning Commission, City Council, Mayor, City Manager, City Law Director,
City Finance Director, Department Supervisors, Newsmedia

FROM: Gregory J. Heath, Finance Director/Clerk of Council *G. H.*

DATE: January 5, 2017

RE: Planning Commission Meeting Cancellation

The Planning Commission meeting regularly scheduled for Tuesday, January 10, 2017 at 5:00 pm has been CANCELED due to lack of agenda items.