
Memorandum

To: Mayor and Members of Council
From: Roxanne
Subject: General Information
Date: May 5, 2017

CALENDAR

AGENDAS

Monday, May 8th

ELECTRIC COMMITTEE AND BOARD OF PUBLIC AFFAIRS @6:30 PM

1. Approval of Minutes from April 10, 2017
 - a copy of the meeting minutes is enclosed
2. Review/Approval of the Power Supply Cost Adjustment Factor for May 2017
 - the reports are attached
3. Electric Department Report
 - The reports from April 2017 are enclosed

Tuesday, May 9th

PRIVACY COMMITTEE @10:30 AM

Friday, May 12th

HEALTHCARE COST COMMITTEE @10:00 AM

CANCELLATIONS

1. Water/Sewer Committee
2. Municipal Properties/ED Committee
3. Building of Zoning Appeals
4. Planning Commission

INFORMATIONAL ITEMS

1. **TUESDAY, MAY 9TH 5:30 PM – 7:30 PM** Napoleon Alive Downtown Beautification Forum @ The Armory
2. AMP Update/April 28, 2017
3. AMP Update/May 5, 2017

MAY 2017

<i>Sun</i>	<i>Mon</i>	<i>Tues</i>	<i>Wed</i>	<i>Thurs</i>	<i>Fri</i>	<i>Sat</i>
	1	2	3	4	5	6
	6:45 pm Public Hearing					
	7:00 pm City Council					
7	8	9	10	11	12	13
	6:30 pm Electric Committee BOPA	10:30 am Privacy Comm. 5:30pm-7:30pm ... Napoleon Alive Downtown Beautification Forum at The Armory			10:00 am Healthcare Cost Committee Mtg.	
14	15	16	17	18	19	20
	6:00 pm Ad-hoc Committee Organizational Health and Strategic Vision					
	6:00 pm Tree Commission					
	6:15 pm Parks & Rec Comm.					
	7:00 pm City Council					
21	22	23	24	25	26	27
	2:30 pm NIEDF Comm.					
	6:30 pm Finance & Budget Committee	4:30 pm Civil Service				
	7:30 pm Safety & Human Resources Committee					
28	29	30	31			
	Offices Closed for <i>Memorial Day Holiday</i>		6:30 pm Park & Rec Board			

City of Napoleon, Ohio

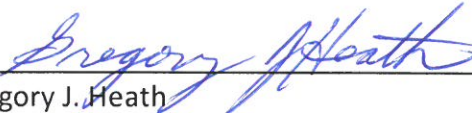
ELECTRIC COMMITTEE

Meeting Agenda

Monday, May 08, 2017 at 6:30 pm

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

- 1) Approval of the Minutes from April 10, 2017 (In the absence of any objections or corrections, the Minutes shall stand approved).
- 2) Review/Approval of the Power Supply Cost Adjustment Factor for May, 2017:
PSCAF - Corrected three (3) month averaged factor \$0.00673
JV2 \$0.031644
JV5 \$0.031644
- 3) Electric Department Reports.
- 4) Any other matters currently assigned to the Committee.
- 5) Adjournment.



Gregory J. Heath
Finance Director/Clerk of Council

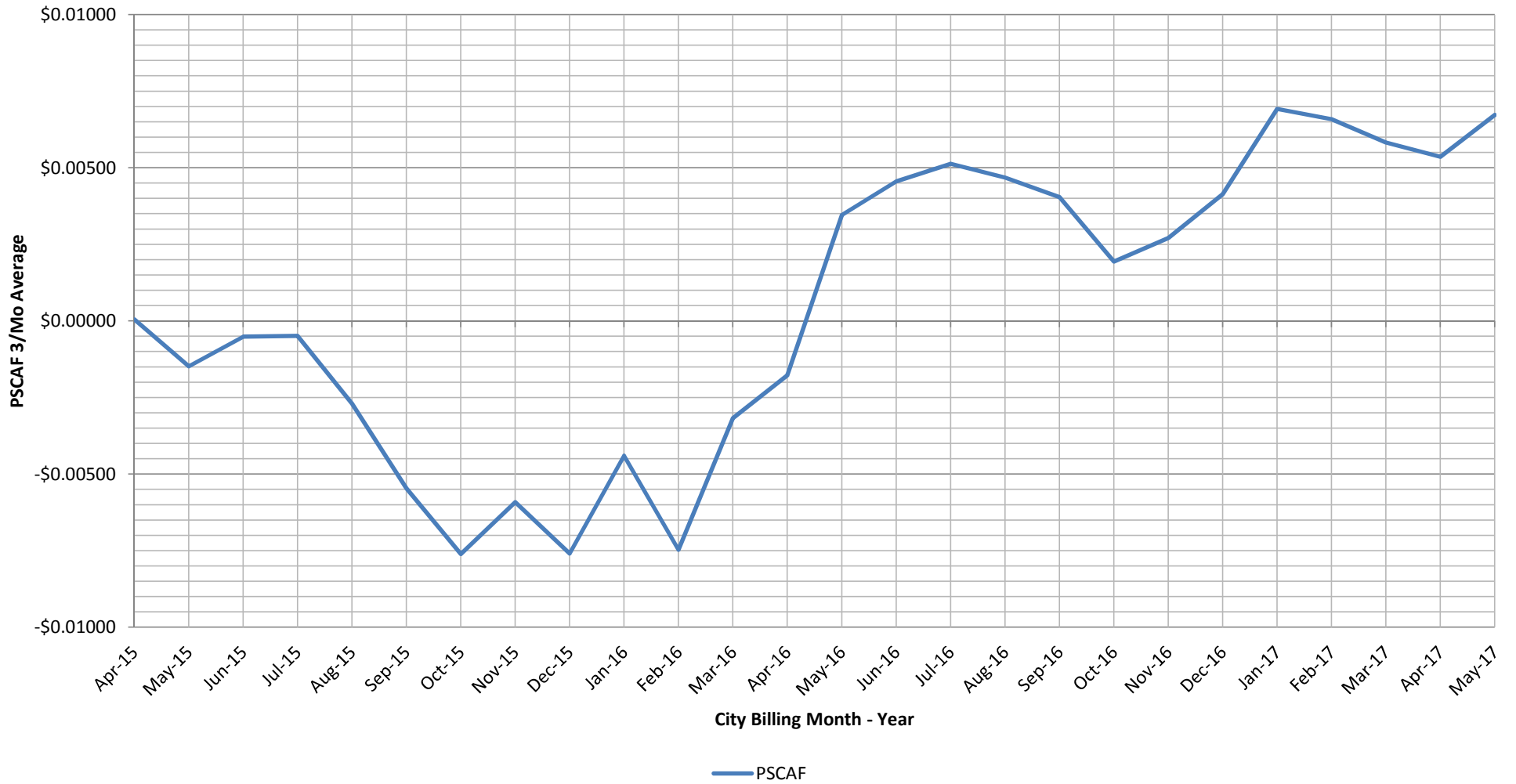
City of Napoleon, Ohio

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

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

AMP Billed Usage Month	PSCAF City Billing Month	AMP - kWh Delivered As Listed on AMP Invoices	Purchased Power Supply Costs (*=Net of Known) (+ OR - Other Cr's)	Rolling 3-Month Totals Current + Prior 2 Months		Rolling 3 Month Average Cost	Less: Fixed Base Power Supply Cost	PSCA Dollar Difference + or (-)	PSCA-Corrted. 3 MONTH AVG.FACTOR + Line Loss
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
		Actual Billed	Actual Billed w/Cr's	c + prior 2 Mo	d + prior 2 Mo	f / e	\$0.07194 Fixed	g + h	i X 1.075
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	13,333,740	\$ 1,012,584.64	41,782,091	\$ 2,936,844.01	\$ 0.07029	\$ (0.07194)	\$ (0.00165)	\$ (0.00177)
Mar '16	May '16	12,975,047	\$ 1,017,837.14	41,122,559	\$ 3,090,911.51	\$ 0.07516	\$ (0.07194)	\$ 0.00322	\$ 0.00346
Apr '16	June '16	12,132,975	\$ 897,981.75	38,441,762	\$ 2,928,403.53	\$ 0.07618	\$ (0.07194)	\$ 0.00424	\$ 0.00456
May '16	July '16	12,603,253	\$ 976,900.73	37,711,275	\$ 2,892,719.62	\$ 0.07671	\$ (0.07194)	\$ 0.00477	\$ 0.00513
June '16	Aug '16	13,839,770	\$ 1,068,079.71	38,575,998	\$ 2,942,962.19	\$ 0.07629	\$ (0.07194)	\$ 0.00435	\$ 0.00468
July '16	Sep '16	14,844,510	*\$ 1,080,619.47	41,287,533	\$ 3,125,599.91	\$ 0.07570	\$ (0.07194)	\$ 0.00376	\$ 0.00404
Aug '16	Oct '16	16,864,052	\$ 1,210,058.88	45,548,332	\$ 3,358,758.06	\$ 0.07374	\$ (0.07194)	\$ 0.00180	\$ 0.00194
Sep '16	Nov '16	13,547,772	\$ 1,079,259.61	45,256,334	\$ 3,369,937.96	\$ 0.07446	\$ (0.07194)	\$ 0.00252	\$ 0.00271
Oct '16	Dec '16	12,402,405	\$ 955,761.68	42,814,229	\$ 3,245,080.17	\$ 0.07579	\$ (0.07194)	\$ 0.00385	\$ 0.00414
Nov '16	Jan '17	12,220,092	\$ 956,580.93	38,170,269	\$ 2,991,602.22	\$ 0.07838	\$ (0.07194)	\$ 0.00644	\$ 0.00692
Dec '16	Feb '17	13,827,811	\$ 1,089,497.78	38,450,308	\$ 3,001,840.39	\$ 0.07807	\$ (0.07194)	\$ 0.00613	\$ 0.00659
Jan'17	Mar '17	13,656,702	*\$ 1,025,645.91	39,704,605	\$ 3,071,724.62	\$ 0.07736	\$ (0.07194)	\$ 0.00542	\$ 0.00583
Feb'17	Apr '17	11,866,614	*\$ 912,320.61	39,351,127	\$ 3,027,464.30	\$ 0.07693	\$ (0.07194)	\$ 0.00499	\$ 0.00536
Mar'17	May '17	12,936,492	\$ 1,069,577.85	38,459,808	\$ 3,007,544.37	\$ 0.07820	\$ (0.07194)	\$ 0.00626	\$ 0.00673
* Other (-) Credits / (+) Debits Included in Purchased Power Costs, Not Listed on AMP Billings:									
PSCAF - Preparers Signature:						PSCAF - Reviewers Signature:			
Name -	Gregory J. Heath, Finance Director					Name -	Christine R. Peddicord, Ast.Finance Director		
Signature	Date					Signature	Date		
	4/23/2017						4/23/2017		

Power Supply Cost Adjustment Factor - PSCAF - Corrected



BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - MAY, 2017

2017 - MAY BILLING WITH APRIL 2017 DATA BILLING UNITS

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	MARCH, 2017	31	22.250						
City-System Data Month	APRIL, 2017	30							
City-Monthly Billing Cycle	MAY, 2017	31							
=====CONTRACTED AND OPEN MARKET POWER=====									
=====PEAKING=====									
=====HYDRO POWER=====									
(	FREE MONT	PRAIRIE STATE	MORGAN STNLV.	NORTHERN	JV-2	AMP-HYDRO	MELDAHL-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	4,943,384	3,723,112	2,827,200	4,258	10	938,205	146,220	32,698
Delivered kWh (Off Peak) ->					45,386				
Delivered kWh (Replacement/Losses/Offset) ->									
Delivered kWh/Sale (Credits) ->					-2,873,155				
Net Total Delivered kWh as Billed ->	0	4,943,384	3,723,112	2,827,200	-2,823,511	10	938,205	146,220	32,698
Percent % of Total Power Purchased->	0.0000%	38.2127%	28.7799%	21.8545%	-21.8259%	0.0001%	7.2524%	1.1303%	0.2528%
COST OF PURCHASED POWER:									
DEMAND CHARGES (+Debits)									
Demand Charges	\$31,620.00	\$34,749.14	\$56,868.27			\$667.92	\$7,614.20	\$2,131.92	\$2,346.30
Debt Services (Principal & Interest)		\$44,291.71	\$99,228.85				\$135,035.58	\$17,544.24	\$5,646.30
DEMAND CHARGES (-Credits)									
Transmission Charges (Demand-Credits)	-\$31,299.29					-\$881.46			
Capacity Credit	-\$62,412.87	-\$33,738.40	-\$15,041.17			-\$1,487.38	-\$2,637.49	-\$1,708.74	-\$882.95
Sub-Total Demand Charges	-\$62,092.16	\$45,302.45	\$141,055.95	\$0.00	\$0.00	-\$1,700.92	\$140,012.29	\$17,967.42	\$7,109.65
ENERGY CHARGES (+Debits):									
Energy Charges - (On Peak)		\$132,675.85	\$25,469.81	\$177,972.24	\$252.80	\$0.43	\$395.47	\$64.88	\$84.20
Energy Charges - (Replacement/Off Peak)					\$1,072.24				
Net Congestion, Losses, FTR		\$23,911.16	\$18,646.83	\$3,775.08			\$4,961.37	\$427.77	\$43.56
Transmission Charges (Energy-Debits)			\$68,831.25						
ESPP Charges									
Bill Adjustments (General & Rate Levelization)		\$79.42	\$207.38			\$2.20	-\$6,966.83	-\$5,925.26	-\$5,000.49
ENERGY CHARGES (-Credits or Adjustments):									
Energy Charges - On Peak (Sale or Rate Stabilization)					-\$92,109.80				
Net Congestion, Losses, FTR									
Bill Adjustments (General & Rate Levelization)							-\$1,876.41	-\$292.44	-\$65.40
Sub-Total Energy Charges	\$0.00	\$156,666.43	\$113,155.27	\$181,747.32	-\$90,784.76	\$2.63	-\$3,486.40	-\$5,725.05	-\$4,938.13
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 - ALL COSTS OF PURCHASED POWER	-\$62,092.16	\$201,968.88	\$254,211.22	\$181,747.32	-\$90,784.76	-\$1,698.29	\$136,525.89	\$12,242.37	\$2,171.52
Purchased Power Resources - Cost per kWh->	\$0.000000	\$0.040856	\$0.068279	\$0.064285	-\$0.032153	-\$169.829000	\$0.145518	\$0.083726	\$0.066411

BILLING SUMMARY AND CONS									
2017 - MAY BILLING WITH APRIL 2017 DATA BI									
PREVIOUS MONTH'S POWER BILLS - PU									
DATA PERIOD									
AMP-Ohio Bill Month									
City-System Data Month									
City-Monthly Billing Cycle									
=====WIND=====									
===SOLAR===									
===TRANSMISSION, SERVICE FEES & MISC. CONTRACTS===									
(	NYPA	JV-5	JV-6	AMP SOLAR	EFFNCY.SMART	TRANSMISSION	SERVICE FEES	MISCELLANEOUS	TOTAL -
PURCHASED POWER-RESOURCES -> (	HYDRO	HYDRO	WIND	PHASE 1	POWER PLANT	CHARGES	DISPATCH, A & B	CHARGES &	ALL
(	SCHED. @ NYIS	7x24 @ ATSI	SCHED. @ ATSI	SCHED. @ ATSI	2014 - 2017	Other Charges	Other Charges	LEVELIZATION	RESOURCES
Delivered kWh (On Peak) ->	631,730	2,297,472	59,592	126,936	0	0	0	0	15,730,817
Delivered kWh (Off Peak) ->									45,386
Delivered kWh (Replacement/Losses/Offset) ->		33,444							33,444
Delivered kWh/Sale (Credits) ->									-2,873,155
Net Total Delivered kWh as Billed ->	631,730	2,330,916	59,592	126,936	0	0	0	0	12,936,492
Percent % of Total Power Purchased->	4.8833%	18.0181%	0.4607%	0.9812%	0.0000%	0.0000%	0.0000%	0.0000%	100.0001%
								Verification Total ->	100.0000%
COST OF PURCHASED POWER:									
DEMAND CHARGES (+Debits)									
Demand Charges	\$6,155.93	\$2,772.72	\$1,545.40			\$125,980.66			\$272,452.46
Debt Services (Principal & Interest)		\$55,367.84							\$357,114.52
DEMAND CHARGES (-Credits)									
Transmission Charges (Demand-Credits)		-\$12,169.30	-\$76.50						-\$44,426.55
Capacity Credit	-\$4,412.61	-\$14,514.20	-\$106.71						-\$136,942.52
Sub-Total Demand Charges	\$1,743.32	\$31,457.06	\$1,362.19	\$0.00	\$0.00	\$125,980.66	\$0.00	\$0.00	\$448,197.91
ENERGY CHARGES (+Debits):									
Energy Charges - (On Peak)	\$5,775.52	\$78,648.03		\$11,043.47		\$4,148.21			\$436,530.91
Energy Charges - (Replacement/Off Peak)									\$1,072.24
Net Congestion, Losses, FTR	\$708.61								\$52,474.38
Transmission Charges (Energy-Debits)									\$68,831.25
ESPP Charges					\$18,154.46				\$18,154.46
Bill Adjustments (General & Rate Levelization)								\$0.00	-\$17,603.58
ENERGY CHARGES (-Credits or Adjustments):									
Energy Charges - On Peak (Sale or Rate Stabilization)									-\$92,109.80
Net Congestion, Losses, FTR									\$0.00
Bill Adjustments (General & Rate Levelization)	\$226.59							\$0.00	-\$2,007.66
Sub-Total Energy Charges	\$6,710.72	\$78,648.03	\$0.00	\$11,043.47	\$18,154.46	\$4,148.21	\$0.00	\$0.00	\$465,342.20
TRANSMISSION & SERVICE CHARGES, MISC.:									
RPM / PJM Charges Capacity - (+Debit)						\$145,521.41			\$145,521.41
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)							\$7,546.78		\$7,546.78
Other Charges & Bill Adjustments - (+Debit/-Credit)									\$0.00
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$145,521.41	\$10,516.33	\$0.00	\$156,037.74
TOTAL - ALL COSTS OF PURCHASED POWER	\$8,454.04	\$110,105.09	\$1,362.19	\$11,043.47	\$18,154.46	\$275,650.28	\$10,516.33	\$0.00	\$1,069,577.85
								Verification Total ->	\$1,069,577.85
Purchased Power Resources - Cost per kWh->	\$0.013382	\$0.047237	\$0.022859	\$0.087000	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.082679
									(Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWh) = JV2 Electric Service Rate ->
									\$0.031644
									(Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWh) = JV5 Electric Service Rate ->
									\$0.031644



AMERICAN MUNICIPAL POWER, INC.

1111 Schrock Rd, Suite 100

COLUMBUS, OHIO 43229

PHONE: (614) 540-1111

FAX: (614) 540-1078

INVOICE NUMBER: 197453

INVOICE DATE: 4/14/2017

DUE DATE: 5/1/2017

TOTAL AMOUNT DUE: \$930,573.74

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 - March, 2017

MUNICIPAL PEAK: 22,250 kW
TOTAL METERED ENERGY: 13,011,689 kWh

Total Power Charges:	\$644,407.13
Total Transmission Charges:	\$275,650.28
Total Other Charges:	\$10,516.33
Total Miscellaneous Charges:	\$0.00

GRAND TOTAL POWER INVOICE: **\$930,573.74**

DETAIL INFORMATION OF POWER CHARGES March , 2017

Napoleon

FOR THE MONTH OF:	March, 2017	Total Metered Load kWh:	13,011,689
		Transmission Losses kWh:	-75,197
		Distribution Losses kWh:	0
		Total Energy Req. kWh:	12,936,492
TIME OF FENTS PEAK:	03/15/2017 @ H.E. 10:00	COINCIDENT PEAK kW:	22,144
TIME OF MUNICIPAL PEAK:	03/15/2017 @ H.E. 09:00	MUNICIPAL PEAK kW:	22,250
TRANSMISSION PEAK:	August, 2016	TRANSMISSION PEAK kW:	31,968
		PJM Capacity Requirement kW:	29,713

Napoleon Resources

AMP CT - Sched @ ATSI				
Demand Charge:	\$2.550000	/ kW *	12,400 kW =	\$31,620.00
Transmission Credit:	\$2.524136	/ kW *	-12,400 kW =	-\$31,299.29
Capacity Credit:	\$5.033296	/ kW *	-12,400 kW =	-\$62,412.87
Subtotal	#N/A	/ kWh *	0 kWh =	-\$62,092.16
Fremont - sched @ Fremont				
Demand Charge:	\$3.963630	/ kW *	8,767 kW =	\$34,749.14
Energy Charge:	\$0.026839	/ kWh *	4,943,384 kWh =	\$132,675.85
Net Congestion, Losses, FTR:	\$0.004837	/ kWh *		\$23,911.16
Capacity Credit:	\$3.848340	/ kW *	-8,767 kW =	-\$33,738.40
Debt Service	\$5.052094	/ kW	8,767 kW	\$44,291.71
Adjustment for prior month:				\$79.42
Subtotal	\$0.040856	/ kWh *	4,943,384 kWh =	\$201,968.88
AMP Hydro CSW - Sched @ PJMC				
Demand Charge:	\$3.429998	/ kW *	2,220 kW =	\$7,614.20
Energy Charge:	\$0.000422	/ kWh *	938,205 kWh =	\$395.47
Net Congestion, Losses, FTR:	\$0.005288	/ kWh *		\$4,961.37
Capacity Credit:	\$1.188120	/ kW *	-2,220 kW =	-\$2,637.49
Debt Service	\$60.830000	/ kW	2,220 kW	\$135,035.58
Board Approved Rate Levelization				-\$6,966.83
REC Credit (Estimate)				-\$1,876.41
Subtotal	\$0.145518	/ kWh *	938,205 kWh =	\$136,525.89
Meldahl Hydro - Sched @ Meldahl Bus				
Demand Charge:	\$4.230000	/ kW *	504 kW =	\$2,131.92
Energy Charge:	\$0.000444	/ kWh *	146,220 kWh =	\$64.88
Net Congestion, Losses, FTR:	\$0.002926	/ kWh *		\$427.77
Capacity Credit:	\$3.390357	/ kW *	-504 kW =	-\$1,708.74
Debt Service	\$34.810000	/ kW	504 kW	\$17,544.24
Board Approved Rate Levelization				-\$5,925.26
REC Credit (Estimate)				-\$292.44
Subtotal	\$0.083725	/ kWh *	146,220 kWh =	\$12,242.37
JV6 - Sched @ ATSI				
Demand Charge:			300 kW	
Energy Charge:			59,592 kWh	
Transmission Credit:	\$0.255000	/ kW *	-300 kW =	-\$76.50
Capacity Credit:	\$0.355700	/ kW *	-300 kW =	-\$106.71
Subtotal	-\$0.003074	/ kWh *	59,592 kWh =	-\$183.21
Greenup Hydro - Sched @ Greenup Bus				
Demand Charge:	\$7.110000	/ kW *	330 kW =	\$2,346.30
Energy Charge:	\$0.002575	/ kWh *	32,698 kWh =	\$84.20
Net Congestion, Losses, FTR:	\$0.001332	/ kWh *		\$43.56
Capacity Credit:	\$2.675606	/ kW *	-330 kW =	-\$882.95
Debt Service	\$17.110000	/ kW	330 kW	\$5,646.30
Board Approved Rate Levelization				-\$5,000.49
REC Credit (Estimate)				-\$65.40
Subtotal	\$0.066412	/ kWh *	32,698 kWh =	\$2,171.52
Prairie State - Sched @ PJMC				
Demand Charge:	\$11.428511	/ kW *	4,976 kW =	\$56,868.27
Energy Charge:	\$0.006841	/ kWh *	3,723,112 kWh =	\$25,469.81
Net Congestion, Losses, FTR:	\$0.005008	/ kWh *		\$18,646.83
Capacity Credit:	\$3.022743	/ kW *	-4,976 kW =	-\$15,041.17
Debt Service	\$19.941489	/ kW	4,976 kW	\$99,228.85
Transmission from PSEC to PJM/MISO, including non-Prairie State variable charges/credits	\$0.018488	/ kWh	3,723,112 kWh	\$68,831.25
Board Approved Rate Levelization				\$207.38
Subtotal	\$0.068279	/ kWh *	3,723,112 kWh =	\$254,211.22
NYPA - Sched @ NYIS				
Demand Charge:	\$6.676714	/ kW *	922 kW =	\$6,155.93
Energy Charge:	\$0.009142	/ kWh *	631,730 kWh =	\$5,775.52
Net Congestion, Losses, FTR:	\$0.001122	/ kWh *		\$708.61
Capacity Credit:	\$4.664493	/ kW *	-946 kW =	-\$4,412.61
Adjustment for prior month:				\$226.59
Subtotal	\$0.013382	/ kWh *	631,730 kWh =	\$8,454.04
JV5 - 7X24 @ ATSI				
Demand Charge:			3,088 kW	
Energy Charge:			2,297,472 kWh	
Transmission Credit:	\$3.940835	/ kW *	-3,088 kW =	-\$12,169.30
Capacity Credit:	\$4.700194	/ kW *	-3,088 kW =	-\$14,514.20
Subtotal	-\$0.011614	/ kWh *	2,297,472 kWh =	-\$26,683.50
JV5 Losses - Sched @ ATSI				
Energy Charge:			33,444 kWh	
Subtotal	#N/A	/ kWh *	33,444 kWh =	\$0.00

DETAIL INFORMATION OF POWER CHARGES March , 2017

Napoleon

JV2 - Sched @ ATSI				
Demand Charge:			264 kW	
Energy Charge:	\$0.041117	/ kWh *	10 kWh =	\$0.43
Transmission Credit:	\$3.338864	/ kW *	-264 kW =	-\$881.46
Capacity Credit:	\$5.634015	/ kW *	-264 kW =	-\$1,487.38
Subtotal	-\$226.470203	/ kWh *	10 kWh =	-\$2,368.41
AMP Solar Phase I - Sched @ ATSI				
Demand Charge:			1,040 kW	
Energy Charge:	\$0.087000	/ kWh *	126,936 kWh =	\$11,043.47
Subtotal	\$0.087000	/ kWh *	126,936 kWh =	\$11,043.47
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:	\$0.001335	/ kWh *		\$3,775.08
Subtotal	\$0.064285	/ kWh *	2,827,200 kWh =	\$181,747.32
Efficiency Smart Power Plant 2017-2020				
ESPP 2017-2020 obligation @ \$1.400 /MWh x 155,609.7 MWh / 12				\$18,154.46
Subtotal	#N/A	/ kWh *	0 kWh =	\$18,154.46
Northern Power Pool:				
On Peak Energy Charge: (M-F HE 08-23 EDT)	\$0.059373	/ kWh *	4,258 kWh =	\$252.80
Off Peak Energy Charge:	\$0.023625	/ kWh *	45,386 kWh =	\$1,072.24
Sale of Excess Non-Pool Resources to Pool	\$0.032059	/ kWh *	-2,873,155 kWh =	-\$92,109.80
Subtotal	\$0.032153	/ kWh *	-2,823,512 kWh =	-\$90,784.76
Total Demand Charges:				\$261,863.37
Total Energy Charges:				\$382,543.76
Total Power Charges:			12,936,492 kWh	\$644,407.13
TRANSMISSION CHARGES:				
Demand Charge:	\$3.940836	/ kW *	31,968 kW =	\$125,980.66
Energy Charge:	\$0.000390	/ kWh *	10,639,020 kWh =	\$4,148.21
RPM (Capacity) Charges:	\$4.897600	/ kW *	29,713 kW =	\$145,521.41
TOTAL TRANSMISSION CHARGES:	\$0.025909	/ kWh *	10,639,020 kWh =	\$275,650.28
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 *	13,011,689 kWh =	\$7,546.78
TOTAL OTHER CHARGES:				\$10,516.33
GRAND TOTAL POWER INVOICE:				\$930,573.74

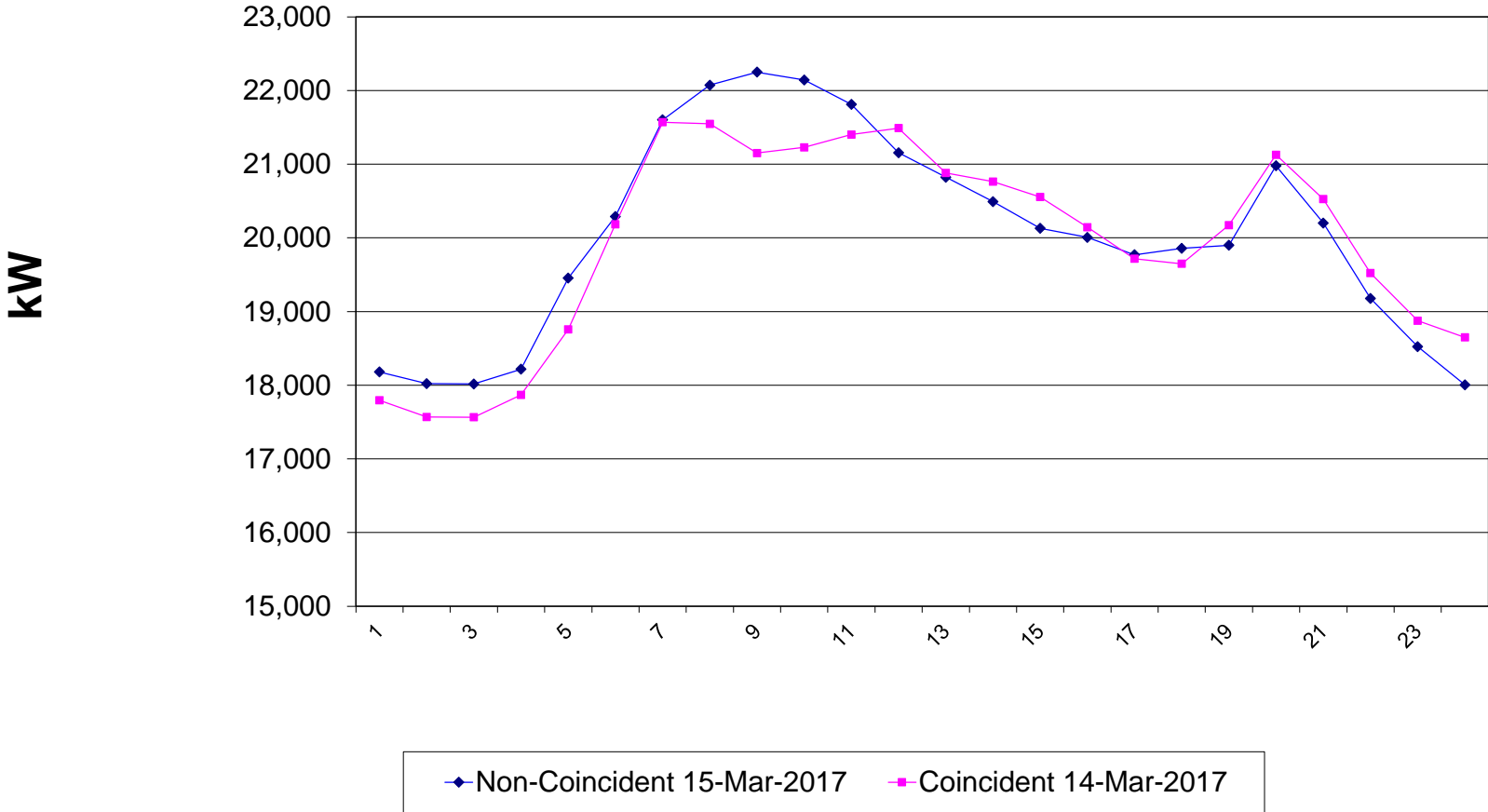
Napoleon Capacity Plan - Actual														
Mar 2017		ACTUAL DEMAND =			22.25	MW								
Days 31		ACTUAL ENERGY =			13,012	MWH								
	SOURCE	DEMAND MW	DEMAND MW-MO	ENERGY MWH	LOAD FACTOR	DEMAND RATE \$/KW	ENERGY RATE \$/MWH	CONGESTION/L OSSES \$/MWH	CAPACITY CREDIT RATE \$/KW	TRANSMISSION CREDIT 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	0.92	0.92	632	92%	\$6.68	\$9.50	\$1.12	-\$4.79		\$8,454	\$13.38	0.8%	
2	JV5	3.09	3.09	2,297	100%	\$31.49	\$17.22		-\$4.70	-\$3.94	\$110,105	\$47.92	10.3%	
3	JV5 Losses	0.00	0.00	33	0%						\$0		0.0%	
4	JV6	0.30	0.30	60	27%	\$5.15			-\$0.26	-\$0.36	\$1,362	\$22.86	0.1%	
5	AMP-Hydro	2.22	2.22	938	57%	\$61.12	-\$1.58	\$5.29	-\$1.19		\$136,526	\$145.52	12.8%	
6	Meldahl	0.50	0.50	146	39%	\$27.28	-\$1.56	\$2.93	-\$3.39		\$12,242	\$83.73	1.1%	
7	Greenup	0.33	0.33	33	13%	\$9.07	\$0.57	\$1.33	-\$2.68		\$2,172	\$66.41	0.2%	
8	AFEC	8.77	8.77	4,943	76%	\$9.02	\$26.86	\$4.84	-\$3.85		\$201,969	\$40.86	18.9%	
9	Prairie State	4.98	4.98	3,723	101%	\$31.41	\$25.33	\$5.01	-\$3.02		\$254,211	\$68.28	23.8%	
10	AMP Solar Phase I	1.04	1.04	127	16%		\$87.00				\$11,043	\$87.00	1.0%	
11	Morgan Stanley 2015-20 7x24	3.80	3.80	2,827	100%		\$62.95	\$1.34			\$181,747	\$64.29	17.0%	
12	AMPCT	12.40	12.40	0	0%	\$2.55			-\$5.03	-\$2.52	-\$62,092		-5.8%	
13	JV2	0.26	0.26	0	0%	\$2.54	\$41.11		-\$5.63	-\$3.34	-\$1,698		-0.2%	
14	NPP Pool Purchases	0.00	0.00	50	0%		\$26.69				\$1,325	\$26.69	0.1%	
15	NPP Pool Sales	0.00		-2,873	0%		\$32.06				-\$92,110	\$32.06	-8.6%	
	POWER TOTAL	38.61	38.61	12,936	45%	\$524,997	\$369,154	\$4.06	-\$136,912	-\$44,457	\$765,257	\$59.15	71.7%	
16	Energy Efficiency			0							\$18,154		1.7%	
17	Installed Capacity	29.71	29.71			\$4.90					\$145,521	\$11.18	13.6%	
18	Transmission	31.97	31.97	10,639		\$3.94	\$0.39				\$130,129	\$10.00	12.2%	
19	Service Fee B			13,012			\$0.58				\$7,547	\$0.58	0.7%	
20	Dispatch Charge			13,012							\$0		0.0%	
	OTHER TOTAL					\$271,502	\$29,849				\$301,352	\$23.16	28.3%	
GRAND TOTAL PURCHASED				12,936							\$1,066,608			
Delivered to members		22.250	22.250	13,012	79%						\$1,066,608	\$81.97	100.0%	
	2017 Forecast	DEMAND		ENERGY	L.F.						TOTAL \$	\$/MWh	Avg Temp	
	2016 Actual	22.56		13,411	80%						\$1,123,224	\$83.75	37.6	
	2015 Actual	22.37		12,996	78%						\$1,094,415	\$84.21	43.1	
		23.46		13,947	80%						\$970,628	\$69.59	32.8	
											Actual Temp		36.6	

NAPOLEON

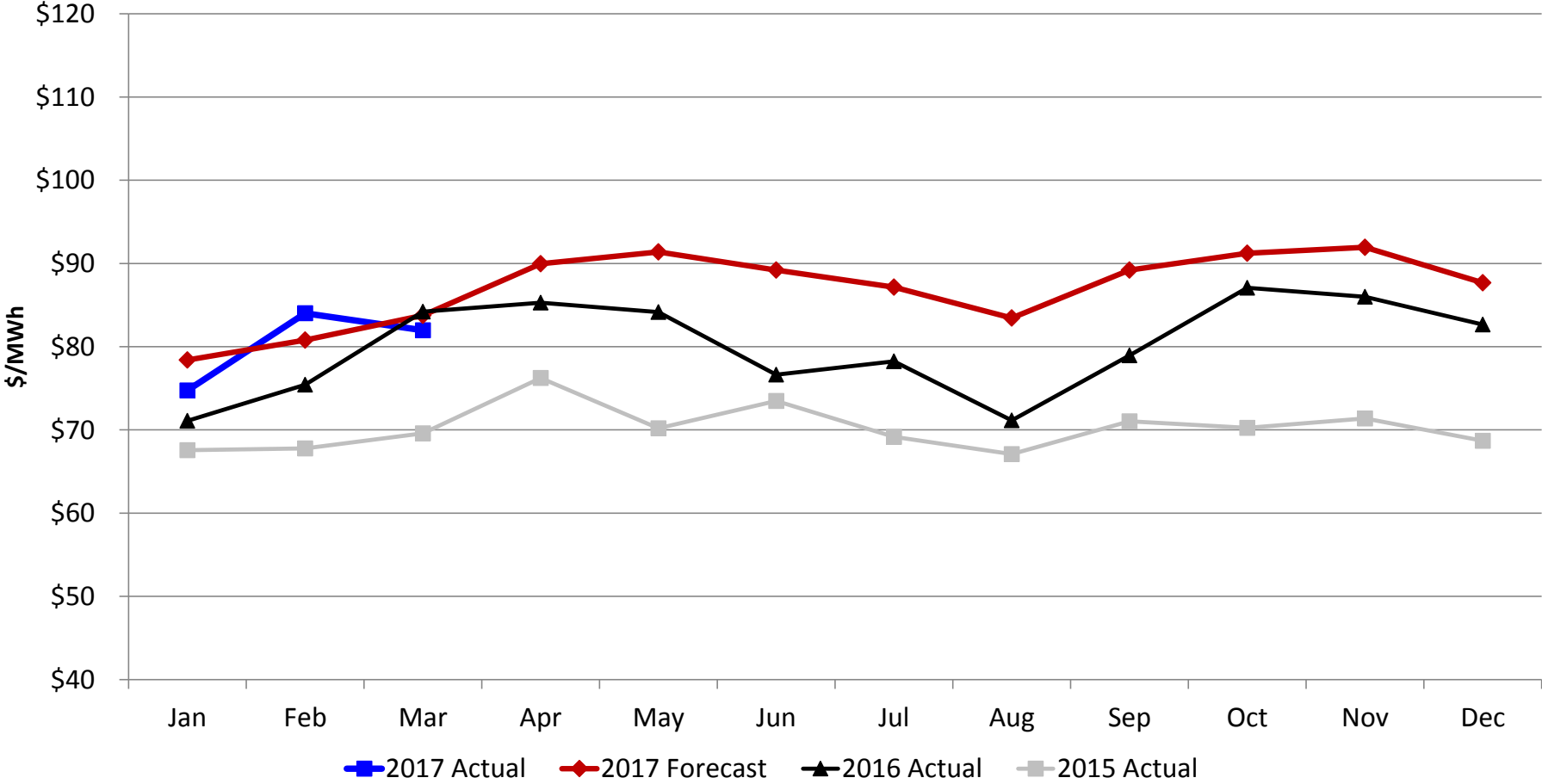
Date	Wednesday 3/1/2017	Thursday 3/2/2017	Friday 3/3/2017	Saturday 3/4/2017	Sunday 3/5/2017	Monday 3/6/2017	Tuesday 3/7/2017	Wednesday 3/8/2017	Thursday 3/9/2017	Friday 3/10/2017	Saturday 3/11/2017	Sunday 3/12/2017	Monday 3/13/2017	Tuesday 3/14/2017	Wednesday 3/15/2017
Hour															
100	15,750	17,744	17,848	15,436	14,332	14,764	15,347	16,291	15,584	16,277	15,450	14,045	15,434	17,796	18,180
200	15,327	17,235	17,280	14,969	14,168	14,574	14,930	15,763	15,325	15,885	14,918	13,759	15,520	17,569	18,022
300	15,129	17,234	17,102	14,790	14,065	14,759	14,942	15,553	15,356	15,614	14,981	13,861	15,364	17,566	18,017
400	14,914	16,944	17,045	14,688	13,800	14,650	14,700	15,563	15,262	15,727	14,770	13,678	15,936	17,869	18,218
500	15,418	17,288	17,556	15,103	13,967	15,065	14,960	16,132	15,510	16,217	14,960	13,780	17,121	18,759	19,454
600	16,483	18,223	18,753	15,471	14,300	16,297	15,945	17,192	16,706	17,528	15,519	14,290	18,676	20,185	20,289
700	17,550	19,374	20,062	16,193	14,733	17,721	17,356	18,443	18,109	18,686	16,041	14,846	20,390	21,570	21,603
800	18,672	19,972	21,033	16,782	15,186	18,535	18,166	19,279	19,327	19,543	16,079	14,962	20,596	21,548	22,073
900	19,101	19,534	21,322	17,621	15,658	18,694	18,429	19,648	19,183	19,909	16,807	15,312	20,676	21,151	22,250
1000	19,431	19,035	21,430	17,543	16,029	18,670	18,816	19,692	19,133	19,931	17,355	15,161	20,770	21,229	22,144
1100	19,250	18,705	21,248	17,540	15,820	18,849	18,814	19,730	19,329	20,172	17,029	15,090	21,256	21,403	22,183
1200	18,951	18,465	21,345	17,118	15,515	18,594	19,088	19,659	19,312	19,680	17,115	15,001	20,975	21,490	21,156
1300	19,139	19,020	21,166	16,775	15,340	18,535	19,042	18,906	18,862	19,904	16,191	14,750	20,937	20,880	20,823
1400	19,027	18,935	21,174	16,547	14,854	18,544	18,891	18,487	18,712	19,497	15,780	14,508	20,605	20,763	20,492
1500	18,949	19,391	20,252	15,749	14,028	18,543	18,700	18,467	18,353	19,086	15,033	14,253	20,331	20,554	20,131
1600	18,923	19,872	19,475	15,005	14,144	18,441	18,784	18,256	18,238	18,148	14,766	14,422	20,166	20,144	20,006
1700	19,281	19,915	19,161	14,884	14,822	18,540	17,728	17,984	18,277	17,965	14,631	14,679	20,080	19,717	19,771
1800	19,249	19,704	18,645	14,813	15,222	18,371	17,369	17,665	18,155	17,865	14,777	15,011	20,238	19,649	19,858
1900	20,004	20,373	19,306	15,870	16,255	19,128	18,070	16,790	18,947	18,044	15,662	15,762	20,401	20,173	19,900
2000	20,114	20,814	19,840	16,795	16,371	18,911	18,750	16,879	19,276	19,214	16,557	16,928	20,899	21,128	20,980
2100	19,953	20,608	19,762	16,511	16,005	18,507	18,741	17,235	19,267	19,176	16,637	16,416	20,324	20,527	20,201
2200	19,609	20,025	18,877	16,128	15,368	17,784	18,136	17,614	18,281	18,651	16,085	15,597	19,510	19,522	19,178
2300	18,636	19,063	17,703	15,553	14,799	16,525	17,093	16,633	17,113	17,763	15,166	15,520	18,481	18,876	18,523
2400	17,972	18,093	16,254	14,885	14,928	15,859	16,630	15,893	16,473	16,259	14,640	15,804	18,192	18,650	18,004
Total	436,832	455,566	463,639	382,769	344,781	418,860	419,427	423,754	428,090	436,741	376,949	357,435	462,878	478,718	481,086

Date	Thursday 3/16/2017	Friday 3/17/2017	Saturday 3/18/2017	Sunday 3/19/2017	Monday 3/20/2017	Tuesday 3/21/2017	Wednesday 3/22/2017	Thursday 3/23/2017	Friday 3/24/2017	Saturday 3/25/2017	Sunday 3/26/2017	Monday 3/27/2017	Tuesday 3/28/2017	Wednesday 3/29/2017	Thursday 3/30/2017	Friday 3/31/2017
Hour																
100	17,727	17,073	14,337	13,272	15,949	15,811	16,235	16,627	15,825	12,466	12,818	13,954	14,831	15,593	15,683	16,052
200	17,570	16,814	14,085	13,163	16,088	15,981	16,280	16,593	15,535	12,208	12,582	13,889	14,597	15,626	15,460	15,954
300	17,325	16,720	13,953	13,004	16,282	15,770	16,475	16,461	15,399	12,061	12,464	13,789	14,427	15,443	15,564	15,834
400	17,952	17,119	14,206	12,905	16,442	15,962	16,669	17,090	15,928	12,371	12,564	14,288	14,802	15,909	15,872	16,067
500	18,966	17,993	14,709	13,287	17,450	16,924	17,824	17,880	16,811	12,695	12,713	15,568	15,817	16,970	16,955	17,027
600	19,883	19,587	15,310	13,650	18,848	18,174	19,232	19,195	18,174	13,281	13,069	17,039	17,121	18,516	18,239	18,667
700	20,916	20,880	16,378	14,488	20,206	19,528	20,706	20,690	19,091	13,693	13,608	18,259	18,470	19,420	19,855	19,778
800	21,251	20,855	16,882	14,680	20,163	19,517	20,868	20,758	18,927	14,201	13,855	18,607	18,572	19,544	20,278	19,844
900	21,090	21,122	17,279	15,202	20,464	19,247	21,070	20,747	18,805	14,808	14,205	18,458	18,685	19,403	20,625	19,845
1000	20,665	21,390	17,399	15,411	20,527	19,283	20,914	20,835	18,991	14,974	14,649	18,770	19,046	19,258	20,467	20,026
1100	20,505	21,263	17,272	15,727	20,187	19,036	20,367	20,523	18,545	15,003	14,968	18,383	19,043	19,123	20,508	19,854
1200	20,319	20,703	16,900	15,790	20,065	18,766	20,216	20,178	18,421	14,422	15,157	18,496	18,945	19,168	20,255	19,790
1300	20,308	20,490	16,257	15,478	19,414	18,424	19,707	19,494	18,364	14,533	14,562	18,237	18,885	18,863	20,009	19,668
1400	19,771	20,495	16,025	14,996	18,300	18,000	19,259	19,117	18,055	13,727	14,487	17,838	18,510	18,503	19,857	19,415
1500	19,099	19,906	15,530	15,419	18,740	17,646	18,487	18,595	17,628	13,798	14,777	17,440	18,163	17,562	19,874	19,054
1600	18,844	19,825	15,371	15,529	18,784	17,946	18,310	18,407	17,124	14,216	14,380	17,269	18,259	17,860	19,996	18,810
1700	18,178	19,280	15,240	15,583	18,921	17,943	17,861	18,020	16,632	14,100	14,537	17,264	18,080	17,522	19,120	18,339
1800	18,002	19,146	15,512	15,862	18,974	17,617	17,816	17,897	16,319	14,112	14,573	17,146	17,911	17,887	19,338	18,280
1900	18,168	19,081	15,855	16,354	18,880	17,599	18,060	18,043	16,236	14,437	15,308	16,992	18,196	17,828	19,473	18,180
2000	19,790	19,718	16,200	16,902	19,319	18,883	19,321	19,585	17,424	15,444	15,831	17,814	18,810	18,910	19,961	18,812
2100	19,469	19,066	15,713	16,608	18,280	18,313	18,953	18,985	16,939	15,366	15,136	17,386	17,981	18,435	19,132	18,582
2200	18,374	18,077	15,249	15,877	17,368	17,434	18,025	17,793	15,768	14,559	14,329	16,533	16,954	17,311	18,139	17,491
2300	17,737	15,935	14,475	15,886	16,493	16,790	17,271	16,944	13,847	13,761	13,955	15,703	16,360	16,470	17,304	15,533
2400	17,244	14,925	13,823	16,162	16,198	16,446	17,131	16,488	13,029	13,300	14,334	15,344	16,746	16,106	17,404	14,076
Total	459,153	442,538	373,960	361,235	442,342	427,040	447,057	446,945	407,817	333,536	338,861	404,466	418,443	427,230	448,710	434,978
											Maximum	22,250	Minimum	12,061	Grand Total	13,011,689

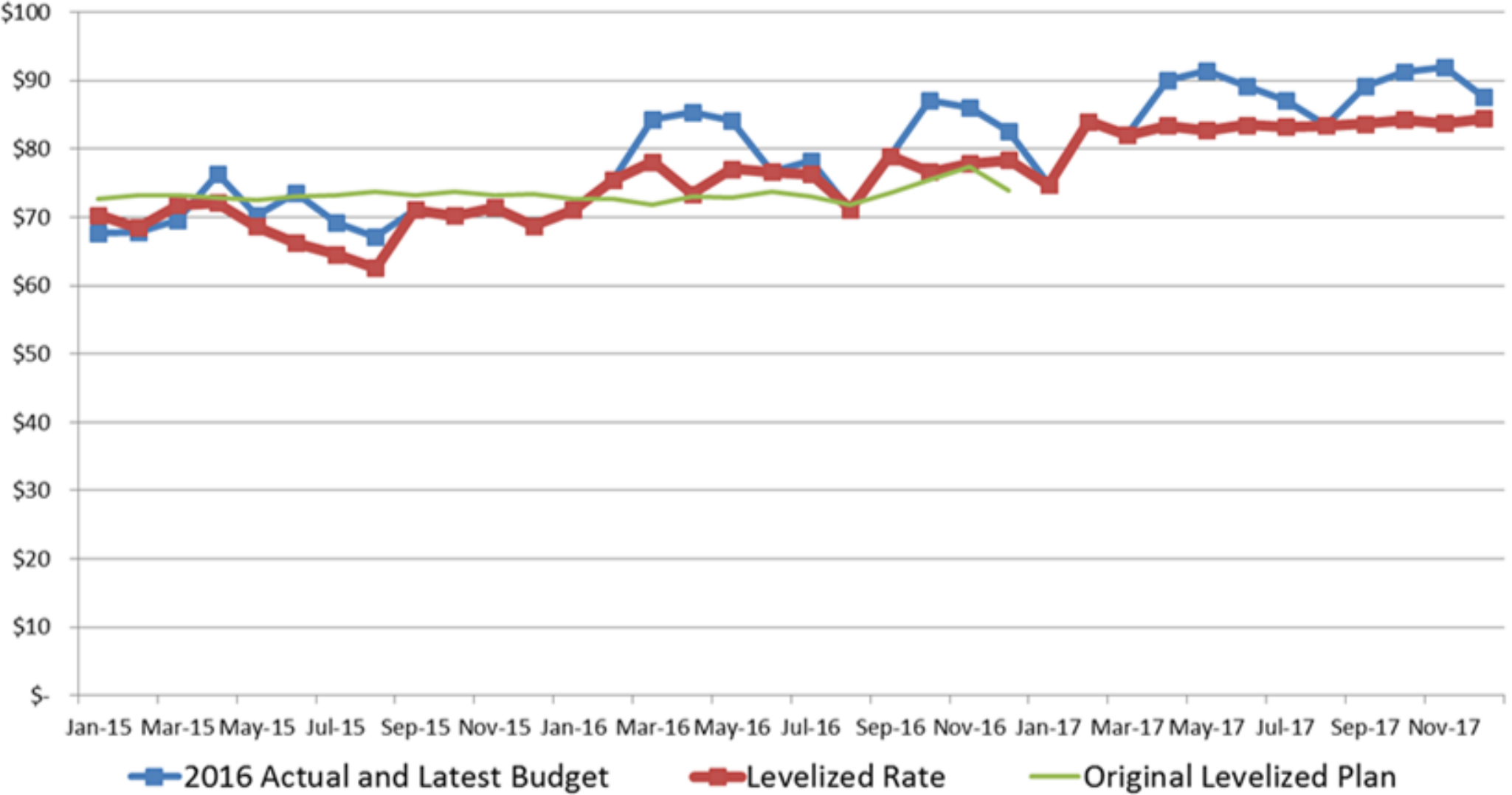
Napoleon Peak Day Load Curve



Napoleon 2017 Monthly Rates



Napoleon Monthly Rate Levelization





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: 197269

INVOICE DATE: 4/5/2017

DUE DATE: 4/17/2017

TOTAL AMOUNT DUE: \$670.12

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 -

March, 2017

FIXED RATE CHARGE:	264 kW *	\$2.53 / kW =	\$667.92
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		=	\$2.20

TOTAL CHARGES

\$670.12



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: 197349
INVOICE DATE: 4/4/2017
DUE DATE: 4/14/2017
TOTAL AMOUNT DUE: \$81,420.75
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: March, 2017

DEMAND CHARGES:

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

Base Operating Expense Demand Charge:	\$0.897901	/ kW *	3,088 kW =	\$2,772.72
Seca Associated with JV5.	\$0.000000	/ kW *	3,088 kW =	\$0.00

TOTAL DEMAND CHARGES:	\$0.897902	/ kW *	3,088 kW =	\$2,772.72
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ENERGY CHARGES:

JV5 Repl. Pwr. & Variable (Budgeted Rate):	\$0.034232	/ kWh *	2,297,472 kWh =	\$78,648.03
JV5 Fuel Cost (Actual Expense):	\$0.000000	/ kWh *	2,297,472 kWh =	\$0.00

TOTAL ENERGY CHARGES:	\$0.034232	/ kWh *	2,297,472 kWh =	\$78,648.03
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SUB-TOTAL				\$81,420.75
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Total OMEGA JV5 Invoice:				\$81,420.75
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1111 Schrock Rd, Suite 100
Columbus, Ohio 43229
Phone: (614) 540-1111
Fax: (614) 540-1078

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

INVOICE NUMBER: 197391
INVOICE DATE: 4/4/2017
DUE DATE: 4/14/2017
TOTAL AMOUNT DUE: \$55,367.84
CUSTOMER NUMBER: 5020
CUSTOMER P.O. NUMBER: BL980397
MAKE CHECKS PAYABLE TO: OMEGA JV5

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

Debt Service - OMEGA JV5

FOR THE MONTH/YEAR OF: April, 2017

Financing CHARGES:
Debt Service \$17.930000 / kW * 3,088 kW = \$55,367.84

Total OMEGA JV5 Financing Invoice: \$55,367.84



AMERICAN MUNICIPAL POWER, INC.

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

INVOICE NUMBER: 197409
INVOICE DATE: 4/3/2017
DUE DATE: 4/17/2017
TOTAL AMOUNT DUE: \$1,545.40
CUSTOMER NUMBER: 5020
CUSTOMER P.O. #:

City of Napoleon

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

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

Omega JV6

Project Capacity: 300 kW

Year 2017

Electric Fixed

300 kW * 5.151 per kW-Month

Total

April, 2017 -

Electric Fixed

\$1,545.40

AMOUNT DUE FOR :

TOTAL CHARGES

\$1,545.40



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0116208-00-00546-04

13836
Page 1 of 5

ACCOUNT NUMBER: 12-6239-05
AMERICAN MUNICIPAL POWER, INC.
RATE STABILIZATION FUND FOR
THE CITY OF NAPOLEON OHIO
STABILIZATION FUND

This statement is for the period from
March 1, 2017 to March 31, 2017

000005053 01 SP 000638626964013 S

AMERICAN MUNICIPAL POWER INC
ATTN TREASURY DEPT
1111 SCHROCK RD
COLUMBUS OH 43229

QUESTIONS?

If you have any questions regarding
your account or this statement, please
contact your Account Manager or Analyst.

Account Manager:
SCOTT R. MILLER
CN-OH-TT4
CN-OH-W6CT
425 WALNUT ST.
CINCINNATI, OH 45202
Phone 614-849-3402
E-mail scott.miller6@usbank.com

Analyst:
CAROLYN KETCHMARK
Phone 651-466-6197



ACCOUNT NUMBER: 12-6239-05
AMERICAN MUNICIPAL POWER, INC.
RATE STABILIZATION FUND FOR
THE CITY OF NAPOLEON OHIO
STABILIZATION FUND

This statement is for the period from
March 1, 2017 to March 31, 2017

MARKET VALUE SUMMARY

	Current Period 03/01/17 to 03/31/17
Beginning Market Value	\$656,963.28
Investment Results	
Interest, Dividends and Other Income	248.21
Total Investment Results	\$248.21
Ending Market Value	\$657,211.49





ACCOUNT NUMBER: 12-6239-05
AMERICAN MUNICIPAL POWER, INC.
RATE STABILIZATION FUND FOR
THE CITY OF NAPOLEON OHIO
STABILIZATION FUND

This statement is for the period from
March 1, 2017 to March 31, 2017

ASSET DETAIL AS OF 03/31/17

Shares or Face Amount	Security Description	Market Value/ Price	Tax Cost/ Unit Cost	% of Total Yield at Market	Est Ann Inc
Cash Equivalents					
657,211.490	First American Government Obligation Fund Class X #5385 31846V336	657,211.49 1.0000	657,211.49 1.00	100.0 .45 **	2,979.53
Total Cash Equivalents		\$657,211.49	\$657,211.49	100.0	\$2,979.53
Cash					
	Principal Cash	- 2,211.41	- 2,211.41	- 0.3	
	Income Cash	2,211.41	2,211.41	0.3	
	Total Cash	\$0.00	\$0.00	0.0	
Total Assets		\$657,211.49	\$657,211.49	100.0	\$2,979.53

ASSET DETAIL MESSAGES

Time of trade execution and trading party (if not disclosed) will be provided upon request.

Publicly traded assets are valued in accordance with market quotations or valuation methodologies from financial industry services believed by us to be reliable. Assets that are not publicly traded may be reflected at values from other external sources. Assets for which a current value is not available may be reflected at a previous value or as not valued, at par value, or at a nominal value. Values shown do not necessarily reflect prices at which assets could be bought or sold. Values are updated based on internal policy and may be updated less frequently than statement generation.

For further information, please contact your Analyst.

** The Yield at Market set forth in this statement for any money market fund is based on the interest rate applicable to that money market fund as of the last business day of the statement period only and may not be relied upon as (i) a yield estimate for the statement period as a whole, or (ii) a guarantee of future performance.



ACCOUNT NUMBER: 12-6239-05
AMERICAN MUNICIPAL POWER, INC.
RATE STABILIZATION FUND FOR
THE CITY OF NAPOLEON OHIO
STABILIZATION FUND

This statement is for the period from
March 1, 2017 to March 31, 2017

CASH SUMMARY

	Income Cash	Principal Cash	Total Cash
Beginning Cash Balance as of 03/01/2017	\$1,963.20	- \$1,963.20	\$0.00
Taxable Interest	248.21		248.21
Net Money Market Activity		- 248.21	- 248.21
Ending Cash Balance as of 03/31/2017	\$2,211.41	- \$2,211.41	\$0.00





ACCOUNT NUMBER: 12-6239-05
AMERICAN MUNICIPAL POWER, INC.
RATE STABILIZATION FUND FOR
THE CITY OF NAPOLEON OHIO
STABILIZATION FUND

This statement is for the period from
March 1, 2017 to March 31, 2017

TRANSACTION DETAIL

Date Posted	Description	Income Cash	Principal Cash	Tax Cost
	Beginning Balance 03/01/2017	\$1,963.20	- \$1,963.20	\$656,963.28
03/01/17	Interest Earned On First American Govt Oblig Fund Cl X Interest From 2/1/17 To 2/28/17 31846V336	248.21		
03/02/17	Purchased 248.21 Units Of First American Govt Oblig Fund Cl X Trade Date 3/2/17 31846V336		- 248.21	248.21
	Ending Balance 03/31/2017	\$2,211.41	- \$2,211.41	\$657,211.49

2017 MAY - ELECTRIC PSCAF - BILLING COMPARISONS TO PRIOR PERIODS - As Corrected for PSCAF

Rate Comparisons to Prior Month and Prior Year for Same Period										
	Service Usage	Service Units	Current May 2017 Rate	Prior Month April 2017 Rate	Prior Year May 2016 Rate	Service Usage	Service Units	Current May 2017 Rate	Prior Month April 2017 Rate	Prior Year May 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	\$6.58	\$5.24	\$3.38	1,976	kWh	\$13.30	\$10.59	\$6.84
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			\$109.26	\$107.92	\$106.06			\$205.73	\$203.02	\$199.27
Water	6	CCF	\$46.23	\$41.37	\$39.57	11	CCF	\$75.25	\$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			\$144.62	\$133.50	\$121.65			\$201.64	\$183.95	\$167.35
Total Billing - All Services			\$253.88	\$241.42	\$227.71			\$407.37	\$386.97	\$366.62
<i>Verification Totals-></i>			<i>\$253.88</i>	<i>\$241.42</i>	<i>\$227.71</i>			<i>\$407.37</i>	<i>\$386.97</i>	<i>\$366.62</i>
				<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				\$12.46	\$26.17				\$20.40	\$40.75
% Inc/Dec(-) to Prior Periods				5.16%	11.49%				5.27%	11.12%
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Cost/kWH - Electric	978	kWh	\$0.11172	\$0.11035	\$0.10845	1,976	kWh	\$0.10411	\$0.10274	\$0.10085
% Inc/Dec(-) to Prior Periods				1.24%	3.02%				1.33%	3.23%
Cost/CCF - Water	6	CCF	\$7.70500	\$6.89500	\$6.59500	11	CCF	\$6.84091	\$6.03364	\$5.73364
Cost/GALLONS - Water	4,488	GAL	\$0.01030	\$0.00922	\$0.00882	8,229	GAL	\$0.00914	\$0.00807	\$0.00766
% Inc/Dec(-) to Prior Periods				11.75%	16.83%				13.38%	19.31%
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>										

<u>2017 MAY - ELECTRIC PSCAF</u>			<u>RATE REVIEW COMPARISONS - Current to Prior Month and Prior Year</u>							
Rate Comparisons to Prior Month and										
			<i>Current</i>	<i>Prior Month</i>	<i>Prior Year</i>			<i>Current</i>	<i>Prior Month</i>	<i>Prior Year</i>
	<u>Service</u>	<u>Service</u>	<u>May</u>	<u>April</u>	<u>May</u>	<u>Service</u>	<u>Service</u>	<u>May</u>	<u>April</u>	<u>May</u>
<u>Customer Type</u>	<u>Usage</u>	<u>Units</u>	<u>2017 Rate</u>	<u>2017 Rate</u>	<u>2016 Rate</u>	<u>Usage</u>	<u>Units</u>	<u>2017 Rate</u>	<u>2017 Rate</u>	<u>2016 Rate</u>
<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	\$47.38	\$37.73	\$24.36			\$5,537.46	\$4,410.22	\$2,846.90
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			\$849.76	\$840.11	\$826.74			\$73,772.19	\$72,644.95	\$71,081.63
Water	25	CCF	\$153.37	\$133.57	\$126.07	300	CCF	\$1,736.81	\$1,736.81	\$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			\$346.56	\$310.81	\$279.51			\$3,790.50	\$3,634.30	\$3,115.45
Total Billing - All Services			\$1,196.32	\$1,150.92	\$1,106.25			\$77,562.69	\$76,279.25	\$74,197.08
<i>Verification Totals-></i>			<i>\$1,196.32</i>	<i>\$1,150.92</i>	<i>\$1,106.25</i>			<i>\$77,562.69</i>	<i>\$76,279.25</i>	<i>\$74,197.08</i>
				<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				\$45.40	\$90.07				\$1,283.44	\$3,365.61
% Inc/Dec(-) to Prior Periods				3.94%	8.14%				1.68%	4.54%
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Cost/kWh - Electric	7,040	kWh	\$0.12070	\$0.11933	\$0.11743	866,108	kWh	\$0.08518	\$0.08388	\$0.08207
% Inc/Dec(-) to Prior Periods				1.15%	2.78%				1.55%	3.79%
Cost/CCF - Water	25	CCF	\$6.13480	\$5.34280	\$5.04280	300	CCF	\$5.78937	\$5.78937	\$4.73503
Cost/GALLONS - Water	18,701	GAL	\$0.00820	\$0.00714	\$0.00674	224,415	GAL	\$0.00774	\$0.00774	\$0.00633
% Inc/Dec(-) to Prior Periods				14.82%	21.65%				0.00%	22.27%
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>										

BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - MAY, 2017															
MAY, 2017															
2017 - MAY BILLING WITH APRIL 2017 DATA BILLING UNITS															
Class and/or Schedule	Rate Code	Apr-17		Apr-17 Billed (kWh Usage)	Billed kVa of Demand	Cost / kWh For Month	Prior 12 Mo Average	May-16		May-16 Billed	Cost / kWh For Month	Jun-16		Jun-16 Billed	Cost / kWh For Month
		# of Bills	(kWh Usage)					# of Bills	(kWh Usage)			# of Bills	(kWh Usage)		
Residential (Dom-In)	E1	3,338	1,787,054	\$206,305.02	0	\$0.1154	\$0.1165	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	3,670	\$436.45	0	\$0.1189	\$0.1187	9	3,507	\$408.58	\$0.1165	9	3,414	\$402.55	\$0.1179
Residential (Dom-In - All Electric)	E2	608	521,473	\$57,972.50	0	\$0.1112	\$0.1151	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	408	\$48.52	0	\$0.1189	\$0.1173	1	511	\$57.67	\$0.1129	1	534	\$60.52	\$0.1133
Total Residential (Domestic)		3,954	2,312,605	\$264,762.49	0	\$0.1145	\$0.1163	3,948	2,207,472	\$246,864.59	\$0.1118	3,960	2,057,659	\$233,849.45	\$0.1136
Residential (Rural-Out)	ER1	762	671,645	\$80,711.49	0	\$0.1202	\$0.1222	752	663,486	\$77,716.74	\$0.1171	755	586,997	\$70,250.79	\$0.1197
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,449	\$306.73	0	\$0.1252	\$0.1267	4	2,328	\$286.46	\$0.1230	4	1,833	\$235.87	\$0.1287
Residential (Rural-Out - All Electric)	ER2	380	433,094	\$60,945.44	0	\$0.1176	\$0.1207	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	2,181	\$257.53	0	\$0.1181	\$0.1222	2	1,902	\$221.22	\$0.1163	2	1,701	\$201.66	\$0.1186
Residential (Rural-Out w/Dmd)	ER3	16	27,151	\$3,112.43	285	\$0.1146	\$0.1153	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	8,891	\$1,058.33	78	\$0.1190	\$0.1197	9	7,908	\$926.67	\$0.1172	9	7,392	\$879.39	\$0.1190
Total Residential (Rural)		1,173	1,145,411	\$136,391.95	363	\$0.1191	\$0.1214	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	44,744	\$6,356.34	13	\$0.1421	\$0.1376	75	45,379	\$6,290.63	\$0.1386	75	42,140	\$5,948.45	\$0.1412
Commercial (1 Ph-Out - No Dmd)	EC2O	45	8,224	\$1,544.36	0	\$0.1878	\$0.1907	43	6,659	\$1,308.66	\$0.1965	43	6,225	\$1,262.95	\$0.2029
Total Commercial (1 Ph) No Dmd		120	52,968	\$7,900.70	13	\$0.1492	\$0.1450	118	52,038	\$7,599.29	\$0.1460	118	48,365	\$7,211.40	\$0.1491
Commercial (1 Ph-In - w/Demand)	EC1	257	277,332	\$39,713.45	1710	\$0.1432	\$0.1395	256	353,349	\$46,128.85	\$0.1305	257	339,056	\$39,544.56	\$0.1166
Commercial (1 Ph-Out - w/Demand)	EC1O	26	29,327	\$4,037.97	149	\$0.1377	\$0.1399	24	33,089	\$4,386.25	\$0.1326	24	29,990	\$4,043.76	\$0.1348
Total Commercial (1 Ph) w/Demand		283	306,659	\$43,751.42	1,859	\$0.1427	\$0.1396	280	386,438	\$50,515.10	\$0.1307	281	369,046	\$43,588.32	\$0.1181
Commercial (3 Ph-Out - No Dmd)	EC4O	2	160	\$55.52	15	\$0.3470	\$0.1389	2	400	\$83.56	\$0.2089	2	160	\$55.18	\$0.3449
Total Commercial (3 Ph) No Dmd		2	160	\$55.52	15	\$0.3470	\$0.1389	2	400	\$83.56	\$0.2089	2	160	\$55.18	\$0.3449
Commercial (3 Ph-In - w/Demand)	EC3	202	1,289,727	\$157,879.99	4629	\$0.1224	\$0.1247	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	38	302,041	\$37,066.58	1197	\$0.1227	\$0.1235	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	115,480	\$13,160.31	433	\$0.1140	\$0.1162	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	2,000	\$243.21	6	\$0.1216	\$0.1281	1	2,000	\$238.27	\$0.1191	1	2,040	\$245.05	\$0.1201
Total Commercial (3 Ph) w/Demand		244	1,709,248	\$208,350.09	6,265	\$0.1219	\$0.1239	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	20	1,940,943	\$198,976.27	5005	\$0.1025	\$0.1006	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	850,735	\$82,907.22	1995	\$0.0975	\$0.0947	3	912,431	\$78,956.21	\$0.0865	3	919,793	\$83,363.79	\$0.0906
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	1	396,000	\$37,297.21	871	\$0.0942	\$0.0974	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	74,895	\$6,902.43	150	\$0.0922	\$0.1552	2	93,761	\$14,517.81	\$0.1548	2	58,685	\$7,385.30	\$0.1258
Total Large Power		26	3,262,573	\$326,083.13	8,021	\$0.0999	\$0.0998	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	971,093	\$85,014.91	1992	\$0.0875	\$0.0883	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	721,823	\$64,225.48	1515	\$0.0890	\$0.0868	1	990,465	\$79,362.02	\$0.0801	1	942,832	\$77,160.17	\$0.0818
Total Industrial		2	1,692,916	\$149,240.39	3,507	\$0.0882	\$0.0876	2	2,021,177	\$165,219.60	\$0.0817	2	1,933,306	\$159,564.11	\$0.0825
Interdepartmental (In - No Dmd)	ED1	7	41,616	\$4,731.78	144	\$0.1137	\$0.1166	8	42,349	\$4,637.84	\$0.1095	7	30,257	\$3,583.85	\$0.1184
Interdepartmental (Out - w/Dmd)	ED2O	2	189	\$47.21	0	\$0.2498	\$0.1791	2	368	\$67.89	\$0.1845	2	369	\$68.39	\$0.1853
Interdepartmental (In - w/Dmd)	ED2	26	53,381	\$6,816.66	0	\$0.1277	\$0.1334	26	41,532	\$5,247.09	\$0.1263	26	25,395	\$3,357.54	\$0.1322
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	219,570	\$24,221.35	638	\$0.1103	\$0.1151	11	235,903	\$25,894.91	\$0.1098	11	187,202	\$20,851.55	\$0.1114
Interdepartmental (Street Lights)	EDSL	7	62,879	\$5,851.60	0	\$0.0931	\$0.0926	7	62,879	\$5,849.08	\$0.0930	7	62,879	\$5,849.08	\$0.0930
Interdepartmental (Traffic Signals)	EDTS	9	1,584	\$146.45	0	\$0.0925	\$0.0925	9	1,663	\$153.77	\$0.0925	9	1,557	\$143.97	\$0.0925
Generators (JV2 Power Cost Only)	GJV2	1	24,961	\$282.56	48	\$0.0113	\$0.0000	1	19,031	\$533.06	\$0.0280	1	17,254	\$308.85	\$0.0179
Generators (JV5 Power Cost Only)	GJV5	1	13,985	\$158.31	31	\$0.0113	\$0.0000	1	13,635	\$381.92	\$0.0280	1	10,693	\$191.40	\$0.0179
Total Interdepartmental		64	418,165	\$42,255.92	861	\$0.1011	\$0.1080	65	417,360	\$42,765.56	\$0.1025	64	335,606	\$34,354.63	\$0.1024
SUB-TOTAL CONSUMPTION & DEMAND		5,868	10,900,705	\$1,178,791.61	20,904	\$0.1081	\$0.1091	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	14	0	\$13.44	0	\$0.0000	\$0.0000	16	0	\$13.74	\$0.0000	16	0	\$13.74	\$0.0000
Street Lights (Out)	SLOO	2	0	\$1.92	0	\$0.0000	\$0.0000	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000
Total Street Light Only		16	0	\$15.36	0	\$0.0000	\$0.0000	18	0	\$14.51	\$0.0000	18	0	\$14.51	\$0.0000
TOTAL CONSUMPTION & DEMAND		5,884	10,900,705	\$1,178,806.97	20,904	\$0.1081	\$0.1091	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 CO																	
MAY 2017																	
2017 - MAY BILLING WITH APRIL 2017 DATA BIL																	
Class and/or Schedule	Rate Code	Jul-16				Aug-16				Sep-16				Oct-16			
		# of Bills	Jul-16 (kWh Usage)	Jul-16 Billed	Cost / kWh For Month	# of Bills	Aug-16 (kWh Usage)	Aug-16 Billed	Cost / kWh For Month	# of Bills	Sep-16 (kWh Usage)	Sep-16 Billed	Cost / kWh For Month	# of Bills	Oct-16 (kWh Usage)	Oct-16 Billed	Cost / kWh For Month
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
Interdepartmental (Street Lights)	EDSL	7	62,879	\$5,850.15	\$0.0930	7	62,879	\$5,849.08	\$0.0930	7	62,879	\$5,849.08	\$0.0930	7	62,879	\$5,851.14	\$0.0931
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
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
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
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
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
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
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
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
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	\$1,747,531.69	\$0.1120	5,875	14,780,525	\$1,636,921.66	\$0.1107

BILLING SUMMARY AND CO																					
MAY, 2017																					
2017 - MAY BILLING WITH APRIL 2017 DATA BI																					
Class and/or Schedule	Rate Code	Nov-16			Cost / kWh For Month	Dec-16			Cost / kWh For Month	Jan-17			Cost / kWh For Month	Feb-17			Cost / kWh For Month	Mar-17			
		# of Bills	Nov-16 (kWh Usage)	Nov-16 Billed		# of Bills	Dec-16 (kWh Usage)	Dec-16 Billed		# of Bills	Jan-17 (kWh Usage)	Jan-17 Billed		# of Bills	Feb-17 (kWh Usage)	Feb-17 Billed		# of Bills	Mar-17 (kWh Usage)	Mar-17 Billed	
Residential (Dom-In)	E1	3,318	2,147,731	\$242,932.58	\$0.1131	3,336	1,581,730	\$183,002.56	\$0.1157	3,320	2,047,456	\$235,139.57	\$0.1148	3,324	2,525,869	\$303,196.39	\$0.1200	3,332	2,252,555		
Residential (Dom-In) w/Ecosmart	E1E	9	4,777	\$550.03	\$0.1151	9	3,850	\$450.79	\$0.1171	9	4,222	\$497.76	\$0.1179	9	4,875	\$600.71	\$0.1232	9	4,307		
Residential (Dom-In - All Electric)	E2	610	350,406	\$40,046.25	\$0.1143	609	334,728	\$38,111.29	\$0.1139	616	565,766	\$63,157.92	\$0.1116	605	798,681	\$93,166.10	\$0.1166	605	698,429		
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	609	\$69.24	\$0.1137	1	463	\$53.72	\$0.1160	1	476	\$56.03	\$0.1177	1	574	\$70.37	\$0.1226	1	515		
Total Residential (Domestic)		3,938	2,503,523	\$283,598.10	\$0.1133	3,955	1,920,771	\$221,618.36	\$0.1154	3,946	2,617,920	\$298,851.28	\$0.1142	3,939	3,329,999	\$397,033.57	\$0.1192	3,947	2,955,806		
Residential (Rural-Out)	ER1	761	655,236	\$78,722.02	\$0.1201	758	608,892	\$73,171.67	\$0.1202	759	783,151	\$93,567.10	\$0.1195	762	942,656	\$117,717.54	\$0.1249	763	843,115		
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,236	\$282.84	\$0.1265	4	2,668	\$327.66	\$0.1228	4	3,302	\$402.77	\$0.1220	4	3,854	\$490.49	\$0.1273	4	2,660		
Residential (Rural-Out - All Electric)	ER2	381	359,421	\$42,825.95	\$0.1192	382	362,974	\$42,933.79	\$0.1183	382	501,415	\$58,868.46	\$0.1174	380	612,505	\$75,327.02	\$0.1230	379	540,436		
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	1,322	\$163.49	\$0.1237	2	1,582	\$190.47	\$0.1204	2	2,472	\$291.48	\$0.1179	2	3,072	\$378.97	\$0.1234	2	2,758		
Residential (Rural-Out w/Dmd)	ER3	16	17,439	\$2,051.35	\$0.1176	16	46,766	\$5,185.34	\$0.1109	16	141,108	\$15,567.40	\$0.1103	16	40,277	\$4,856.65	\$0.1206	16	27,444		
Residential (Rural-Out - All Electric w/Dm	ER4	9	8,288	\$989.52	\$0.1194	9	18,500	\$2,079.32	\$0.1124	9	21,837	\$2,483.22	\$0.1137	9	12,658	\$1,568.71	\$0.1239	9	10,770		
Total Residential (Rural)		1,173	1,043,942	\$125,035.17	\$0.1198	1,171	1,041,382	\$123,888.25	\$0.1190	1,172	1,453,285	\$171,180.43	\$0.1178	1,173	1,615,022	\$200,339.38	\$0.1240	1,173	1,427,183		
Commercial (1 Ph-In - No Dmd)	EC2	74	46,563	\$6,545.95	\$0.1406	75	50,946	\$7,049.12	\$0.1384	74	74,830	\$7,157.52	\$0.0957	74	53,225	\$7,800.15	\$0.1466	74	53,347		
Commercial (1 Ph-Out - No Dmd)	EC2O	45	7,372	\$1,437.56	\$0.1950	45	8,932	\$1,620.43	\$0.1814	45	10,916	\$1,882.50	\$0.1725	45	11,063	\$1,978.58	\$0.1788	45	9,606		
Total Commercial (1 Ph) No Dmd		119	53,935	\$7,983.51	\$0.1480	120	59,878	\$8,669.55	\$0.1448	119	85,746	\$9,040.10	\$0.1054	119	64,288	\$9,778.73	\$0.1521	119	62,953		
Commercial (1 Ph-In - w/Demand)	EC1	258	335,821	\$47,217.20	\$0.1406	259	284,650	\$41,080.72	\$0.1443	255	273,985	\$39,684.83	\$0.1448	255	325,967	\$47,313.63	\$0.1451	256	321,809		
Commercial (1 Ph-Out - w/Demand)	EC1O	25	30,652	\$4,264.42	\$0.1391	25	27,577	\$3,864.86	\$0.1401	25	28,864	\$4,173.69	\$0.1446	25	33,753	\$4,888.09	\$0.1448	26	32,531		
Total Commercial (1 Ph) w/Demand		283	366,473	\$51,481.62	\$0.1405	284	312,227	\$44,945.58	\$0.1440	280	302,849	\$43,858.52	\$0.1448	280	359,720	\$52,201.72	\$0.1451	282	354,340		
Commercial (3 Ph-Out - No Dmd)	EC4O	2	40	\$40.87	\$1.0218	2	40	\$40.84	\$1.0210	2	19,360	\$2,408.74	\$0.1244	2	10,480	\$1,394.50	\$0.1331	2	320		
Total Commercial (3 Ph) No Dmd		2	40	\$40.87	\$1.0218	2	40	\$40.84	\$1.0210	2	19,360	\$2,408.74	\$0.1244	2	10,480	\$1,394.50	\$0.1331	2	320		
Commercial (3 Ph-In - w/Demand)	EC3	203	1,651,057	\$199,730.82	\$0.1210	201	1,384,783	\$169,316.91	\$0.1223	201	1,262,393	\$157,429.94	\$0.1247	200	1,304,571	\$169,704.62	\$0.1301	203	1,403,998		
Commercial (3 Ph-Out - w/Demand)	EC3O	38	412,387	\$49,235.84	\$0.1194	38	557,691	\$64,658.85	\$0.1159	38	414,816	\$50,699.62	\$0.1222	38	346,995	\$44,259.83	\$0.1276	38	343,866		
Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	3	133,720	\$15,002.98	\$0.1122	3	139,320	\$15,472.45	\$0.1111	3	127,120	\$14,446.02	\$0.1136	3	129,120	\$15,765.96	\$0.1221	3	122,800		
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	5,680	\$686.81	\$0.1209	1	3,320	\$439.88	\$0.1325	1	1,840	\$263.92	\$0.1434	1	2,000	\$262.01	\$0.1310	1	2,120		
Total Commercial (3 Ph) w/Demand		245	2,202,844	\$264,656.45	\$0.1201	243	2,085,114	\$249,888.09	\$0.1198	243	1,806,169	\$222,839.50	\$0.1234	242	1,782,686	\$229,992.42	\$0.1290	245	1,872,784		
Large Power (In - w/Dmd & Rct)	EL1	20	2,303,124	\$218,711.68	\$0.0950	20	2,210,942	\$210,920.21	\$0.0954	20	1,903,088	\$193,464.07	\$0.1017	20	1,899,404	\$201,301.03	\$0.1060	20	2,001,747		
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	966,087	\$86,575.44	\$0.0896	3	887,321	\$79,476.15	\$0.0896	3	862,559	\$82,241.33	\$0.0953	3	865,077	\$87,292.90	\$0.1009	3	944,738		
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	475,200	\$44,870.95	\$0.0944	1	474,000	\$42,120.83	\$0.0889	1	428,400	\$41,057.53	\$0.0958	1	334,800	\$37,097.96	\$0.1108	1	418,800		
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	45,195	\$8,059.22	\$0.1783	2	36,000	\$3,604.02	\$0.1001	2	57,600	\$5,119.35	\$0.0889	2	56,176	\$8,110.51	\$0.1444	2	88,446		
Total Large Power		26	3,789,606	\$358,217.29	\$0.0945	26	3,608,263	\$336,121.21	\$0.0932	26	3,251,647	\$321,882.01	\$0.0990	26	3,155,457	\$333,802.40	\$0.1058	26	3,453,731		
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,120,127	\$93,821.52	\$0.0838	1	1,026,149	\$85,785.78	\$0.0836	1	977,328	\$87,084.20	\$0.0891	1	847,132	\$84,562.83	\$0.0998	1	1,057,395		
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	866,459	\$74,763.55	\$0.0863	1	877,066	\$77,044.35	\$0.0878	1	941,807	\$77,491.53	\$0.0823	1	890,615	\$83,601.93	\$0.0939	1	885,784		
Total Industrial		2	1,986,586	\$168,585.07	\$0.0849	2	1,903,215	\$162,830.13	\$0.0856	2	1,919,135	\$164,575.76	\$0.0858	2	1,737,747	\$168,164.76	\$0.0968	2	1,943,179		
Interdepartmental (In - No Dmd)	ED1	8	32,523	\$3,903.77	\$0.1200	8	34,023	\$3,760.94	\$0.1105	8	46,967	\$5,248.57	\$0.1118	7	61,380	\$7,090.99	\$0.1155	7	53,690		
Interdepartmental (Out - w/Dmd)	ED2O	2	396	\$72.33	\$0.1827	2	294	\$59.69	\$0.2030	2	234	\$52.92	\$0.2262	2	182	\$47.81	\$0.2627	2	181		
Interdepartmental (In - w/Dmd)	ED2	27	21,392	\$2,928.44	\$0.1369	27	36,353	\$4,716.41	\$0.1297	29	67,128	\$8,584.69	\$0.1279	28	73,905	\$9,923.10	\$0.1343	26	63,564		
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	207,490	\$23,420.90	\$0.1129	11	182,999	\$20,119.76	\$0.1099	11	244,427	\$27,245.48	\$0.1115	11	298,915	\$35,486.14	\$0.1187	11	268,425		
Interdepartmental (Street Lights)	EDSL	7	62,879	\$5,849.08	\$0.0930	7	62,879	\$5,851.14	\$0.0931	7	62,879	\$5,531.33	\$0.0880	7	62,879	\$5,851.54	\$0.0931	7	62,879		
Interdepartmental (Traffic Signals)	EDTS	9	1,716	\$158.67	\$0.0925	9	1,881	\$173.91	\$0.0925	9	1,742	\$161.06	\$0.0925	9	1,852	\$171.22	\$0.0925	9	1,807		
Generators (JV2 Power Cost Only)	GJV2	1	17,504	\$1,768.25	\$0.1010	1	19,755	\$1,142.63	\$0.0578	1	25,311	\$1,681.66	\$0.0664	1	28,385	\$1,914.57	\$0.0675	1	27,990		
Generators (JV5 Power Cost Only)	GJV5	1	12,279	\$1,240.42	\$0.1010	1	13,591	\$786.10	\$0.0578	1	15,791	\$1,049.15	\$0.0664	1	16,122	\$1,087.43	\$0.0675	1	15,457		
Total Interdepartmental		66	356,179	\$39,341.86	\$0.1105	66	351,775	\$36,610.58	\$0.1041	68	464,479	\$49,554.86	\$0.1067	66	543,620	\$61,572.80	\$0.1133	64	493,993		
SUB-TOTAL CONSUMPTION & DEMAND		5,854	12,303,128	\$1,298,939.94	\$0.1056	5,869	11,282,665	\$1,184,612.59	\$0.1050	5,858	11,920,590	\$1,284,191.20	\$0.1077	5,849	12,599,019	\$1,454,280.28	\$0.1154	5,860	12,564,289		
Street Lights (In)	SLO	16	0	\$13.73	\$0.0000	16	0	\$13.74	\$0.0000	15	0	\$13.59	\$0.0000	15	0	\$13.58	\$0.0000	14	0		
Street Lights (Out)	SLOO	2	0	\$1.92	\$0.0000	2	0	\$0.77	\$0.0000	2	0	\$0.76	\$0.0000	2	0	\$1.91	\$0.0000	2	0		
Total Street Light Only		18	0	\$15.65	\$0.0000	18	0	\$14.51	\$0.0000	17	0	\$14.35	\$0.0000	17	0	\$15.49	\$0.0000	16	0		
TOTAL CONSUMPTION & DEMAND		5,872	12,303,128	\$1,298,955.59	\$0.1056	5,887	11,282,665	\$1,184,627.10	\$0.1050	5,875											

BILLING SUMMARY AND CO												
MAY, 2017												
2017 - MAY BILLING WITH APRIL 2017 DATA BIL												
Class and/or Schedule	Rate Code	Mar-17 Billed	Cost / kWh For Month	Apr-17 # of Bills	Apr-17 (kWh Usage)	Apr-17 Billed	Cost / kWh For Month	TOTAL	TOTAL	Avg.Cost	Avg.Num.	Avg.Per.%
								KWH USAGE PRIOR 12 MO	BILLING PRIOR 12 MO	Per kWh For Period	of Bills For Period	of Bills For Period
Residential (Dom-In)	E1	\$276,197.70	\$0.1226	3,336	1,787,054	\$206,305.02	\$0.1154	27,283,104	\$3,179,496.79	\$0.1165	3,330	56.6241%
Residential (Dom-In) w/Ecosmart	E1E	\$543.89	\$0.1263	9	3,670	\$436.45	\$0.1189	59,401	\$7,048.94	\$0.1187	9	0.1530%
Residential (Dom-In - All Electric)	E2	\$83,055.76	\$0.1189	608	521,473	\$57,972.50	\$0.1112	5,936,190	\$683,269.02	\$0.1151	609	10.3619%
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	\$64.57	\$0.1254	1	408	\$48.52	\$0.1189	7,448	\$873.41	\$0.1173	1	0.0170%
Total Residential (Domestic)		\$359,861.92	\$0.1217	3,954	2,312,605	\$264,762.49	\$0.1145	33,286,143	\$3,870,688.16	\$0.1163	3,950	67.1560%
Residential (Rural-Out)	ER1	\$107,464.06	\$0.1275	762	671,645	\$80,711.49	\$0.1202	9,199,843	\$1,123,936.71	\$0.1222	759	12.9052%
Residential (Rural-Out) w/Ecosmart	ER1E	\$355.22	\$0.1335	4	2,449	\$306.73	\$0.1252	33,407	\$4,231.05	\$0.1267	4	0.0680%
Residential (Rural-Out - All Electric)	ER2	\$67,765.59	\$0.1254	380	433,094	\$50,945.44	\$0.1176	5,393,184	\$650,835.52	\$0.1207	382	6.4909%
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	\$346.68	\$0.1257	2	2,181	\$257.53	\$0.1181	24,146	\$2,950.63	\$0.1222	2	0.0340%
Residential (Rural-Out w/Dmd)	ER3	\$3,406.48	\$0.1241	16	27,151	\$3,112.43	\$0.1146	425,885	\$49,099.34	\$0.1153	16	0.2720%
Residential (Rural-Out - All Electric w/Dm	ER4	\$1,365.56	\$0.1268	9	8,891	\$1,058.33	\$0.1190	131,227	\$15,711.78	\$0.1197	9	0.1530%
Total Residential (Rural)		\$180,703.59	\$0.1266	1,173	1,145,411	\$136,391.95	\$0.1191	15,207,692	\$1,846,765.03	\$0.1214	1,172	19.9232%
Commercial (1 Ph-In - No Dmd)	EC2	\$7,901.22	\$0.1481	75	44,744	\$6,356.34	\$0.1421	608,067	\$83,659.54	\$0.1376	74	1.2639%
Commercial (1 Ph-Out - No Dmd)	EC2O	\$1,804.54	\$0.1879	45	8,224	\$1,544.36	\$0.1878	98,979	\$18,871.18	\$0.1907	45	0.7651%
Total Commercial (1 Ph) No Dmd		\$9,705.76	\$0.1542	120	52,968	\$7,900.70	\$0.1492	707,046	\$102,530.72	\$0.1450	119	2.0290%
Commercial (1 Ph-In - w/Demand)	EC1	\$47,358.59	\$0.1472	257	277,332	\$39,713.45	\$0.1432	4,025,058	\$561,691.43	\$0.1395	257	4.3698%
Commercial (1 Ph-Out - w/Demand)	EC1O	\$4,737.46	\$0.1456	26	29,327	\$4,037.97	\$0.1377	391,339	\$54,761.44	\$0.1399	25	0.4265%
Total Commercial (1 Ph) w/Demand		\$52,096.04	\$0.1470	283	306,659	\$43,751.42	\$0.1427	4,416,397	\$616,452.87	\$0.1396	282	4.7962%
Commercial (3 Ph-Out - No Dmd)	EC4O	\$78.10	\$0.2441	2	160	\$55.52	\$0.3470	31,160	\$4,326.83	\$0.1389	2	0.0340%
Total Commercial (3 Ph) No Dmd		\$78.10	\$0.2441	2	160	\$55.52	\$0.3470	31,160	\$4,326.83	\$0.1389	2	0.0340%
Commercial (3 Ph-In - w/Demand)	EC3	\$182,636.69	\$0.1301	202	1,289,727	\$157,879.99	\$0.1224	17,544,689	\$2,187,663.56	\$0.1247	202	3.4346%
Commercial (3 Ph-Out - w/Demand)	EC3O	\$44,728.25	\$0.1301	38	302,041	\$37,066.58	\$0.1227	4,426,918	\$546,940.28	\$0.1235	39	0.6546%
Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	\$15,112.45	\$0.1231	3	115,480	\$13,160.31	\$0.1140	1,577,520	\$183,303.54	\$0.1162	3	0.0510%
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	\$279.19	\$0.1317	1	2,000	\$243.21	\$0.1216	37,040	\$4,745.86	\$0.1281	1	0.0170%
Total Commercial (3 Ph) w/Demand		\$242,756.58	\$0.1296	244	1,709,248	\$208,350.09	\$0.1219	23,586,167	\$2,922,653.24	\$0.1239	245	4.1572%
Large Power (In - w/Dmd & Rct)	EL1	\$209,227.25	\$0.1045	20	1,940,943	\$198,976.27	\$0.1025	28,257,500	\$2,843,467.77	\$0.1006	21	0.3486%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	\$93,494.69	\$0.0990	3	850,735	\$82,907.22	\$0.0975	11,224,568	\$1,062,571.11	\$0.0947	3	0.0510%
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	\$42,960.40	\$0.1026	1	396,000	\$37,297.21	\$0.0942	4,993,200	\$486,346.45	\$0.0974	1	0.0170%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	\$9,975.60	\$0.1128	2	74,895	\$6,902.43	\$0.0922	813,080	\$126,151.46	\$0.1552	2	0.0340%
Total Large Power		\$355,657.94	\$0.1030	26	3,262,573	\$326,083.13	\$0.0999	45,288,348	\$4,518,536.79	\$0.0998	27	0.4506%
Industrial (In - w/Dmd & Rct, w/SbCr)	E11	\$101,258.49	\$0.0958	1	971,093	\$85,014.91	\$0.0875	12,381,539	\$1,093,552.83	\$0.0883	1	0.0170%
Industrial (In - w/Dmd & Rct, No/SbCr)	E12	\$82,030.37	\$0.0926	1	721,823	\$64,225.48	\$0.0890	11,179,683	\$970,715.14	\$0.0868	1	0.0170%
Total Industrial		\$183,288.86	\$0.0943	2	1,692,916	\$149,240.39	\$0.0882	23,561,222	\$2,064,267.97	\$0.0876	2	0.0340%
Interdepartmental (In - No Dmd)	ED1	\$6,335.78	\$0.1180	7	41,616	\$4,731.78	\$0.1137	553,914	\$64,569.72	\$0.1166	8	0.1275%
Interdepartmental (Out - w/Dmd)	ED2O	\$47.96	\$0.2650	2	189	\$47.21	\$0.2498	5,407	\$968.45	\$0.1791	2	0.0340%
Interdepartmental (In - w/Dmd)	ED2	\$8,662.49	\$0.1363	26	53,381	\$6,816.66	\$0.1277	482,015	\$64,286.94	\$0.1334	28	0.4676%
Interdepartmental (3Ph-In - w/Dmd)	ED3	\$32,187.48	\$0.1199	11	219,570	\$24,221.35	\$0.1103	2,567,585	\$295,534.35	\$0.1151	11	0.1870%
Interdepartmental (Street Lights)	EDSL	\$5,844.53	\$0.0929	7	62,879	\$5,851.60	\$0.0931	754,548	\$69,876.83	\$0.0928	7	0.1190%
Interdepartmental (Traffic Signals)	EDTS	\$167.06	\$0.0925	9	1,584	\$146.45	\$0.0925	20,518	\$1,897.04	\$0.0925	9	0.1530%
Generators (JV2 Power Cost Only)	GJV2	\$2,925.23	\$0.1045	1	24,961	\$282.56	\$0.0113	241,170	\$12,056.38	\$0.0500	1	0.0170%
Generators (JV5 Power Cost Only)	GJV5	\$1,615.41	\$0.1045	1	13,985	\$158.31	\$0.0113	160,051	\$7,674.08	\$0.0479	1	0.0170%
Total Interdepartmental		\$57,785.94	\$0.1170	64	418,165	\$42,255.92	\$0.1011	4,785,208	\$516,863.79	\$0.1080	66	1.1222%
SUB-TOTAL CONSUMPTION & DEMAND		\$1,441,934.73	\$0.1148	5,868	10,900,705	\$1,178,791.61	\$0.1081	150,869,383	\$16,463,085.40	\$0.1091	5,864	99.7024%
Street Lights (In)	SLO	\$13.44	\$0.0000	14	0	\$13.44	\$0.0000	0	\$163.19	\$0.0000	16	0.2635%
Street Lights (Out)	SLOO	\$1.92	\$0.0000	2	0	\$1.92	\$0.0000	0	\$13.82	\$0.0000	2	0.0340%
Total Street Light Only		\$15.36	\$0.0000	16	0	\$15.36	\$0.0000	0	\$177.01	\$0.0000	18	0.2976%
TOTAL CONSUMPTION & DEMAND		\$1,441,950.09	\$0.1148	5,884	10,900,705	\$1,178,806.97	\$0.1081	150,869,383	\$16,463,262.41	\$0.1091	5,881	100.0000%

Electric Dept. Report April 2017

There were 10 outage/callouts in April. 1 callout was a high voltage complaint that was found to be an open neutral on customer side of meter. 1 callout was to check guy wires hit in accident and found to not be NPL pole or wires. 1 callout was to explain error message on meter to customer. 1 callout was found to be a broken pole and crews installed pike poles and changed it out the next day. 1 Outage was due to lightning causing a line fuse to fail affecting 5 customers. 1 callout was found to be customers issue as full voltage was being supplied at meter. 1 callout was found to be a branch that fell on house roof and electrical service drop causing no power outage. Crews were called on 1 outage to reinstall secondary wires caught by farmer's equipment and pulled off and broken from electric pole. 1 outage was caused by a contractor dig- in to one phase in an underground service conduit.

Linemen/Service Truck: Crews set a pole along State Route 24 with back lot machine for Tri County Electric Co-op. Linemen upgraded the service for NR&G on Freedom Drive. Crews performed shut-offs for our billing department. Crews replaced poles along Freedom Drive. Crews installed two new URD services at U-030 Road 11 and 10 -341 Road V. Crews replaced a three phase pole on Road 13 South of Road S. Linemen set a pole and transferred a service and separated power at V-521 County Road R. Crews Replaced a three phase pole on State Route 110 just East of Route 6 to prep for a new service. Crews straightened a secondary pole and upgraded wire for service at 415 West Clinton. Crews installed a line extension at Coon Hollow 424 West. Crews installed underarm switches on Oakwood at Henry County Plaza. Linemen completed replacement of 3phase pole for a new service for commercial building at N.E. corner of County Road T and 10. Crews installed a new URD service at 16 -611 Road P-1. The Service Truck completed locates and work orders. He also helped line crews as needed.

Substation Crew: The crew performed maintenance and testing, reports, switching for FE and NPL crews, mowing and regulatory planning and paperwork.

Tree Crew: The tree trimming crew worked at Road 12 North of Road W, Road 12 and S-1, Road 10 North of Road V, v-521 Road 10, 415 West Clinton and County Road 10. They also performed maintenance on their truck and equipment.

Storeroom/Inventory/Meter Reading: Shawn read meters, ordered inventory, performed equipment maintenance in shop and helped crews as needed.

The Peak Load for April, 2017 was **20.95 MW** occurring on the 6th at 8:30 PM. This was a decrease of 1.34 MW compared to April 2016. The JV2, JV5 and turbines did not run in April. The solar field produced 386.27 MWh compared to 478.01 in April 2016. This was a decrease of 91.74 MWh. The April, 2017 Peak was 3.62. This was a decrease is of .09 MW compared to April 2016.

City of Napoleon, Ohio



SUMMARY OF APRIL 2017 OUTAGE/STANDBY CALL-OUTS

April 6, 2017:

One employee was dispatched at 3:20 p.m. from City Hall to turn on electric at one residence.

April 9, 2017:

Electric personnel were dispatched at 10:00 p.m. to 103 Courtland Dr. due to having high voltage. The personnel found that it was a bad neutral and it was the customers' problem.

April 9, 2017:

Electric personnel were dispatched at 8:50 p.m. to County Road 12 & S due to a car accident. When the personnel arrived the car hit guy wires and it was not Napoleon Light and Power wires.

April 10, 2017:

One employee was dispatched at 3:10 p.m. to 605 Wood Dr. due to an error message on their electric meter. The employee explained to the manager that the message error was from the outage earlier in the day.

April 10, 2017:

Electric personnel were dispatched at 4:10 p.m. to County Road P3 by State Route 109 due to a broken pole. The personnel put pike poles on the broken pole to raise the wires and straighten the pole.

April 10, 2017:

Electric personnel were dispatched at 6:30 p.m. to 11419 County Road V due to a power outage. The outage lasted one hour and affected five customers. The outage was due to lightning that blew a fuse. The personnel replaced the fuse.

April 15, 2017:

One employee was dispatched at 1:00 p.m. to 10196 State Route 110 due to a power outage. When the employee arrived the customer had full voltage. The employee talked with the customer and let him know it was their issue.

April 15, 2017

Electric personnel were dispatched at 6:30 p.m. to 935 Westmont Ave. due to a tree branch that fell across the electric service and on the roof. The personnel removed the branch from the electric service and the roof.

April 19, 2017:

Electric personnel were dispatched at 2:30 p.m. to 400 Huddle Road due to a power outage. The outage lasted one hour and affected two customers. The outage was due to a farmer that caught the electric services with his farm equipment. The personnel reconnected the services.

April 22, 2017:

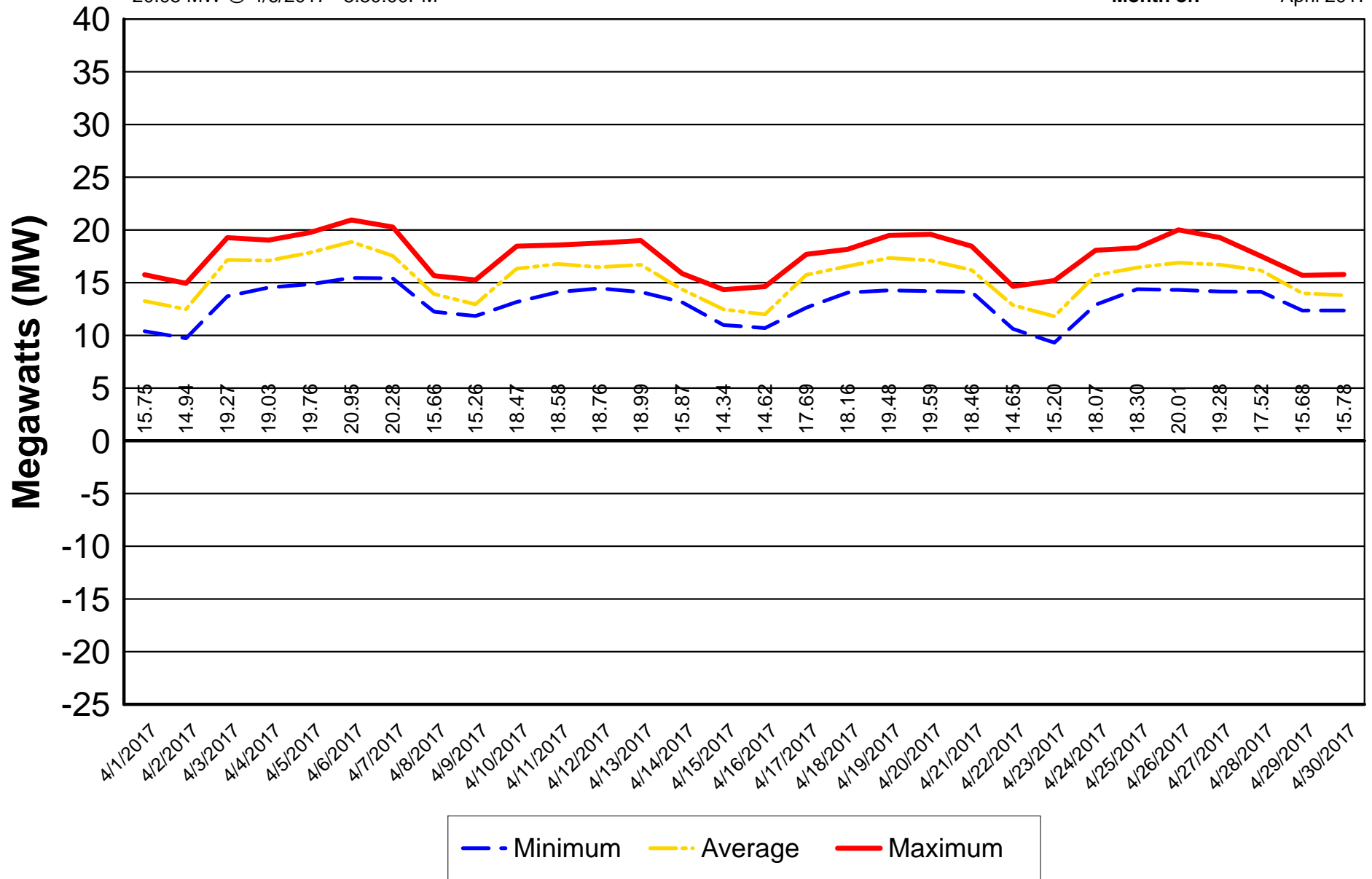
Electric personnel were dispatched at 10:04 a.m. to 16611 County Road P1 due to a power outage. The outage lasted one hour and affected one customer. The outage was due to a contractor that dug into our underground electric service. The personnel installed a service saver.

Napoleon Power & Light

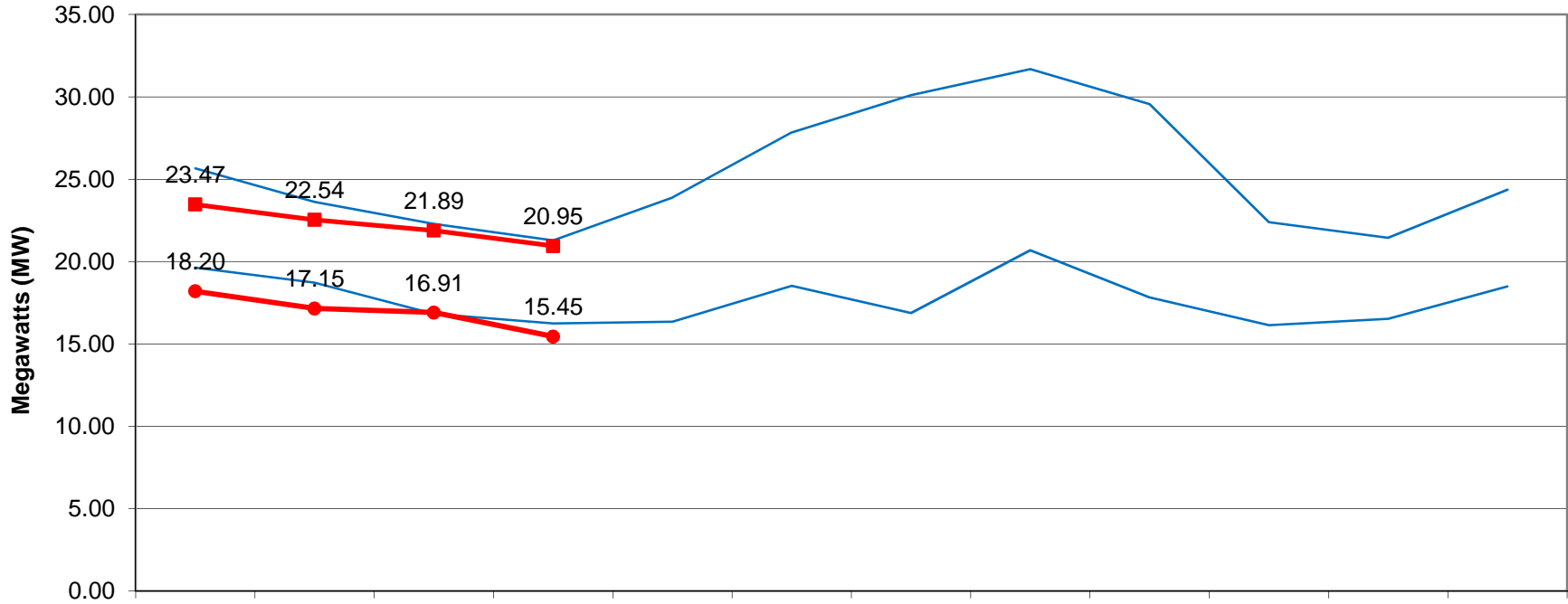
System Load

Peak Load:
20.95 MW @ 4/6/2017 8:30:00PM

Month of: April 2017



NAPOLEON POWER & LIGHT



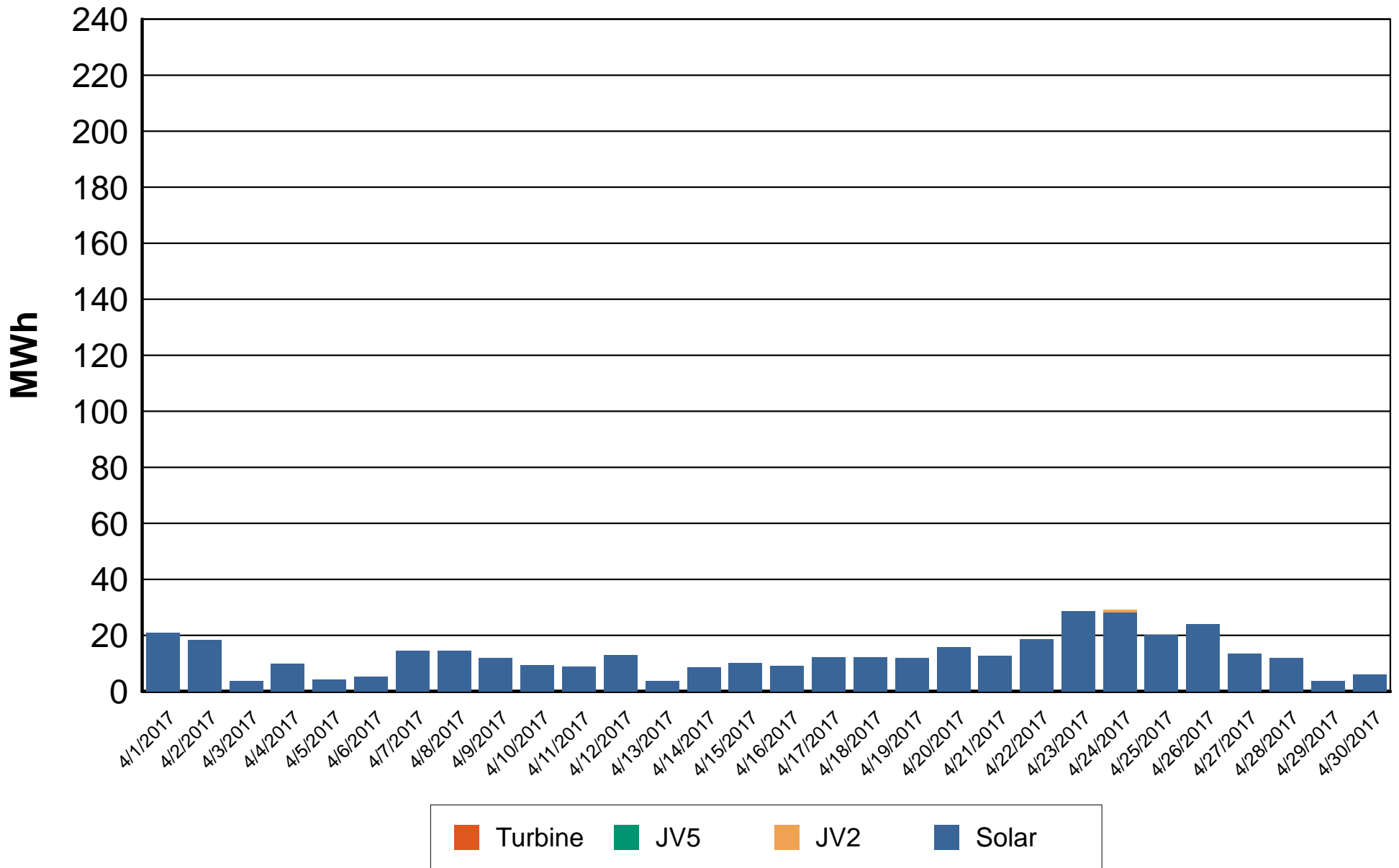
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1/1/2016	2/1/2016	3/1/2016	4/1/2016	5/1/2016	6/1/2016	7/1/2016	8/1/2016	9/1/2016	10/1/2016	11/1/2016	12/1/2016
— 2016 MAX	25.66	23.63	22.29	21.29	23.89	27.84	30.10	31.68	29.55	22.40	21.45	24.36
— 2016 AVG	19.63	18.73	16.83	16.24	16.35	18.52	16.87	20.69	17.82	16.14	16.52	18.50
■ 2017 MAX	23.47	22.54	21.89	20.95								
● 2017 AVG	18.20	17.15	16.91	15.45								

— 2016 MAX — 2016 AVG ■ 2017 MAX ● 2017 AVG

Napoleon Power & Light

Daily Generation Output

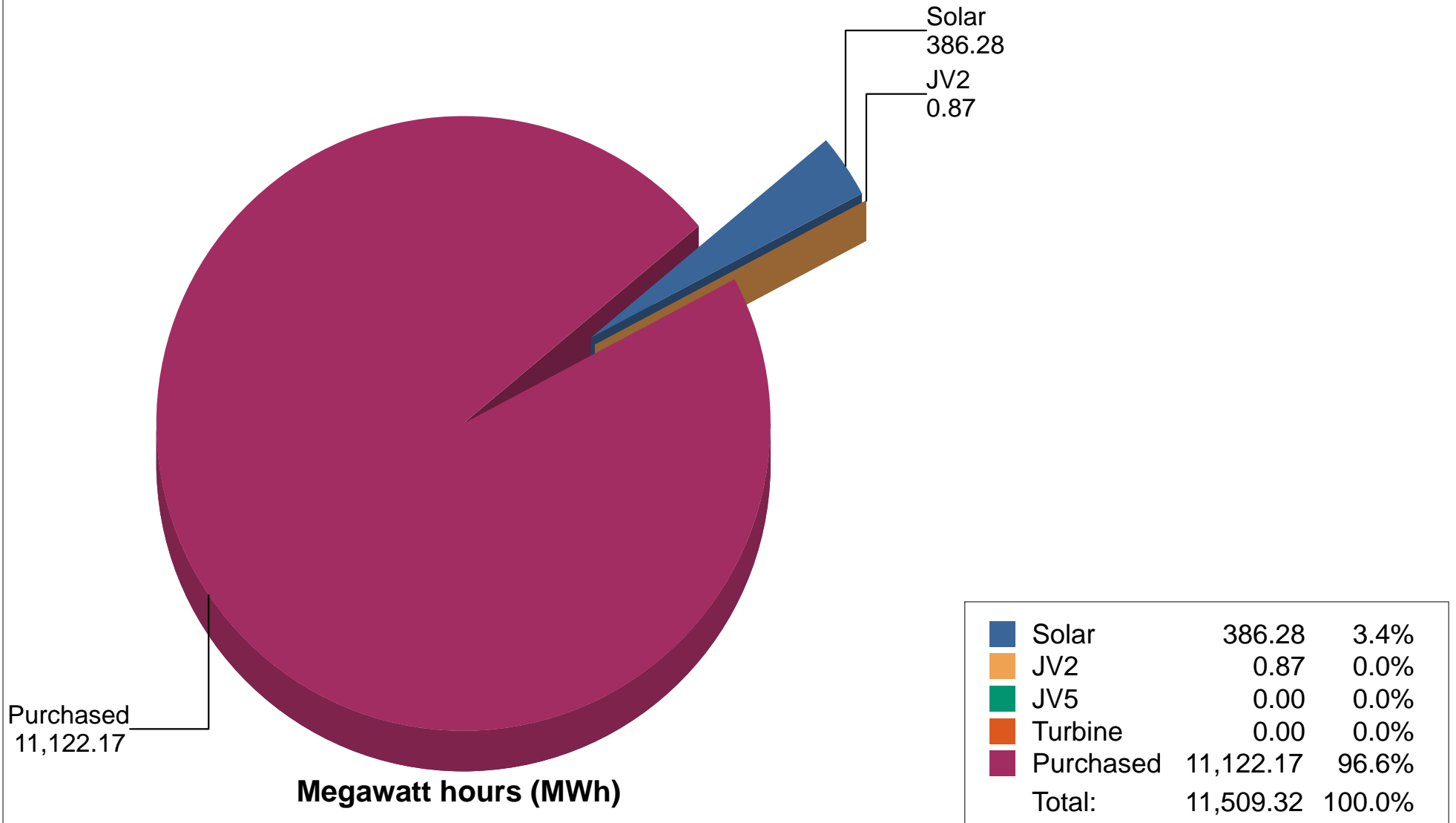
April 2017



Napoleon Power & Light

Power Portfolio

April 2017



City of Napoleon, Ohio

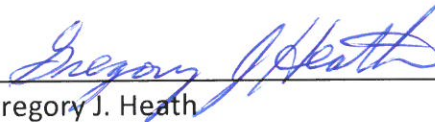
BOARD OF PUBLIC AFFAIRS

Meeting Agenda

Monday, May 08, 2017 at 6:30 pm

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

- 1) Approval of the Minutes from April 10, 2017 (*In the absence of any objections or corrections, the Minutes shall stand approved.*)
- 2) Review/Approval of the Power Supply Cost Adjustment Factor for May, 2017:
PSCAF – Corrected three (3) month averaged factor \$0.00673
JV2 \$0.031644
JV5 \$0.031644
- 3) Electric Department Reports.
- 4) Any other matters to come before the Board.
- 5) Adjournment.



Gregory J. Heath
Finance Director/Clerk of Council

City of Napoleon, Ohio

PRIVACY COMMITTEE

MEETING AGENDA

Tuesday, May 09, 2017 at 10:30 am

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

- 1) Approval of the November 08, 2016 Minutes *(In the absence of any objections or corrections, the Minutes shall stand approved)*
- 2) Review of Policies/Procedures for Identity Theft Protection.
- 3) Provide List of Names and Addresses to Police Union for Shop with a Cop.
- 4) Report from Staff.
- 5) Any other matters currently assigned to the Committee.
- 6) Adjournment.



Gregory J. Heath
Finance Director/Clerk of Council

PRIVACY COMMITTEE

MEETING MINUTES

Tuesday, November 08, 2016 at 10:30 am

PRESENT

Members
City Staff

Chris Peddicord, Chair; Robert Weitzel
Greg Heath, Finance Director
Lori Rausch, Utility Billing Supervisor
Roxanne Dietrich

Recorder

ABSENT

Members

Call to Order

Chair Peddicord called the meeting to order at 10:37 am.

Approval of Minutes

Minutes from the May 10, 2016 meeting stand approved as presented with no objections or corrections.

Review of Policies/Procedures for Identity Theft Prevention

There were not any changes or issues to report.

Report from Staff

Lori Rausch reported she did not have any violations to report.

Any Other Items

Need to appoint a member.

Motion to have Privacy Officer Bring Back a Name to the Next Meeting of Committee Member to be Appointed

Motion: Peddicord Second: Weitzel
To recommend the Privacy Officer ask Bobby Stites, Shannon Fielder or Kristi Rhoads, in that order, and to bring a name back to the next committee meeting.

Passed
Yea-2
Nay-0

Roll call vote on above motion:
Yea - Peddicord, Weitzel

Motion to Adjourn

Motion: Weitzel Second: Peddicord
To adjourn the meeting at 10:41 am.

Passed
Yea-2
Nay-0

Roll call vote on above motion:
Yea-Peddicord, Weitzel
Nay-

Date

Chris Peddicord, Chair

City of Napoleon, Ohio

HEALTHCARE COST COMMITTEE

Meeting Agenda

Friday, May 12, 2017 at 10:00 am

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

- 1) Approval of Minutes of April 10, 2017. *(In the absence of any objections or corrections, the Minutes shall stand approved.)*
- 2) Review of Wellness Options of Biometric Screening and/or a Preventative Care Campaign.
- 3) Any other matters currently assigned to the Committee.
- 4) Adjournment.



Gregory J. Heath, Finance Director/Clerk

HEALTHCARE COST COMMITTEE

MEETING MINUTES

Monday, April 10, 2017 at 10:00 am

PRESENT	Rocky Rubio (PD); Gregory Heath (AD); Joel L. Mazur (AD);
Committee Members	Brady Schaffner (FD); Jeremy Okuley (AFSCME); Roger Eis (AFSCME); Dave Mack (NB)
Recorder	Roxanne Dietrich
City Staff	Morgan Druhot, Human Resources Director
Others	Chapman & Chapman (Andrew Seiler, Amber Slotta via telephone)
ABSENT	
Members	Mike Foreman (PD), Dave Bowen (FD), Chad Lulfs (NB)
Call To Order	Heath called the meeting to order at 10:02 am
Approval of Minutes	Minutes from the January 27, 2017 meeting stand approved as presented with no objections or corrections.
Review Survey Results	<p>Andrew Seiler from Chapman & Chapman reviewed the results from the recent survey to see how receptive employees would be to a wellness program. 77% of those who responded to the survey said they would participate in a wellness program. The top six areas of interest were: Physical Activity, Nutrition, Men's Health, Weight Management, CPR and Safety Training and Healthy Cooking. The way most people would like to receive health information is from health screenings. The top incentive for 86% of the participants was a wellness program to help lower their health insurance premiums. 87% of the participants were in favor of having biometric screenings tied into their health insurance premiums. Time, inconvenience and privacy were some of the main concerns cited for beginning a health program Slotta said this would be where educating your people would help. Seiler responded we would suggest you start with educating your employees before beginning the wellness program, if the program is done the right way, it will take about three (3) years before you will see outcome based results. The next step if the City wants to start rolling out a wellness program is to formalize who will be overseeing the program, Chapman & Chapman is willing to help you set up a wellness program by providing suggestions and ideas and answer any questions you may have. We could start a preventive care campaign as early as May 1st and next year do something more formal if you want to. The City does have a Wellness Fund from Aetna in the amount of \$6,388.42 that has to be used by December 31, 2017 there is a list of eligible costs. Heath asked if the City has to upfront the money and who decides if what the City submits is reimbursable? Seiler said Chapman & Chapman would decide if the costs are reimbursable. The way it works, once Chapman &</p>

Chapman approves the reimbursement request, the City would have to submit the request to Aetna sixty days after the close of the wellness year. Aetna will reimburse the BORMA pool around the end of the first quarter in 2018. Heath asked if the actual wellness programs accomplish the goal of reducing the cost of premiums and the number of claims.

Slotta replied you have to create a culture of wellness and educate the employees it takes a long time to get to that point.

Seiler said if you tie the wellness program to the premiums employees will think their premiums are going to come down the City will have to raise the premiums and build the points and incentives into that for an opportunity to have lower rates. A good place to start is an incentive preventive care campaign or biometrics screenings and at the end of the campaign those who participated could receive a gift card or another incentive. Biometric screenings are done onsite with the cost about \$60 per employee that would take up a large portion of the Aetna allowance.

Mazur asked what is our next step?

Seiler told the committee your next step would be to digest the information and decide if you want to do a preventive care campaign or screenings Chapman can help you with the logistics and setting up the screenings we also have white papers on challenges if you decide to do one or two of them. The screenings are most effective with the wellness fund then you will have to decide if you want the finger stick or blood draw done, there is a cost difference and the finger stick is not as reliable.

Mazur suggested starting with the screenings if the City is going to have a real legitimate wellness program. Do the rates not go up as much as the trend when you have a wellness program?

Seiler stated the medical trend is a 11%-15% increase and those with a wellness program in place see a 6%-8% increase.

Heath asked about the proper public purpose rule when buying gift certificates that is an issue that would have to be addressed, we have to be careful about the use of public funds to benefit to employees.

Slotta answered if an employee gets a gift card there are tax laws on how the employee would have to be taxed.

Seiler replied they would have to look into the public purpose rule.

11:13 am – Brady Schafner left

11:16 am – Rocky Rubio left

**Next Meeting May
12, 2017 @10:00 am**

The next meeting was set for Friday, May 12th, 2017 @10:00 am.

Mazur said the agenda items will be: BORMA update, biometric screenings- what direction do we go, if we do screenings want to have done by blood draws or finger pick or both, do we want to have early signups/include spouses.



City of Napoleon, Ohio

255 West Riverview Avenue • P. O. Box 151
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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 *GJH*

DATE: May 4, 2017

RE: Water/Sewer Committee Meeting Cancellation

The regularly scheduled meeting of the Water, Sewer, Refuse, Recycling and Litter Committee for Monday, May 08, 2017 at 7:00 pm has been CANCELED due to lack of agenda items.



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MEMORANDUM

TO: Municipal Properties, Building, Land Use, & Economic Development Committee,
City Council, Mayor, City Manager, City Law Director, Finance Director,
Department Supervisors, Newsmedia

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

DATE: May 04, 2017

RE: Municipal Properties, Building, Land Use, & Economic Development Committee
Meeting Cancellation

The regularly scheduled meeting of the Municipal Properties, Building, Land Use, & Economic Development for Monday, May 08, 2017 at 7:30 pm has been CANCELED at the direction of Council President.



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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

DATE: May 04, 2017

RE: Board of Zoning Appeals Meeting Cancellation

The Board of Zoning Appeals meeting regularly scheduled for Tuesday, May 09, 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

DATE: May 04, 2017

RE: Planning Commission Meeting Cancellation

The Planning Commission meeting regularly scheduled for Tuesday, May 09, 2017 at 5:00 pm has been CANCELED due to lack of agenda items.



Update

A weekly newsletter presented by AMP President/CEO Marc Gerken

April 28, 2017



Ohio Sen. Randy Gardner presents a letter of citation honoring AMP, NextEra Energy Resources and participating municipal electric communities during the solar dedication ceremony.

Dedication ceremony celebrates largest solar installation in state of Ohio

By Pam Sullivan – executive vice president of power supply & generation operations

AMP, the City of Bowling Green and NextEra Energy Resources celebrated the commercial operation of the Bowling Green Solar Facility with a dedication ceremony on April 27.

We appreciate all who helped make this facility a reality. Solar is a cost-effective, environmentally friendly, and asset-based alternative to wholesale energy and capacity markets, and an important part of AMP's power supply mix.

The event was attended by elected and local city and county officials, AMP member officials, AMP, NextEra Energy Resources, contractors and consultants of the project. Ohio Sen. Randy Gardner presented a letter of citation honoring AMP, NextEra Energy Resources and participating municipal electric communities. Ann Longworth, northwest Ohio regional representative for U.S. Sen. Sherrod Brown and Andrew Lorenz, district director for Congressman Bob Latta were also in attendance.

"Here in Bowling Green we are very proud of our diverse and renewable power supply portfolio, and this solar site is just one more way we're trying to do the right thing," said Brian O'Connell, director of utilities with the City of Bowling Green and member of the AMP Board of Trustees.

"We are pleased to be working with AMP to bring the benefits of renewable energy to its customers," said Matt Handel, vice president of development for NextEra Energy Resources. "This 20 megawatt solar project will generate cost-effective, clean, solar energy for years to come."

see SOLAR Page 2

Tech Services Conference continues success in 2017

By Michelle Palmer, PE – vice president of technical services

More than 100 vendors and members from two states attended AMP's 2017 AMP Technical Services Conference in Columbus April 25 and 26. The agenda included:

- RP3 Program Review – Charles Bauschard, Coldwater
- eReliability Benefits – Bob Rumbaugh, AMP
- Transmission & Distribution System Predictive Maintenance – Dane Nagel, Exacter; and Dick Smith, Orrville
- Product Demo – Infrared demo by RJ Lang Sales Inc. and PEPCO; LED Streetlighting from Eaton
- Emergency Action Plans – Kyle Weygandt, AMP
- APPA Safety Manual Updates – Scott McKenzie, AMP
- Drones – Bob Rumbaugh, AMP
- Lightning Science – Terry Klimchak, Erico
- DER Interconnections – Trisha Swayne and Diwakar Tewari, Leidos
- Small Cell Wireless Antennas – Chris Wyche, AT&T; Mike Russo, Verizon; and Maureen Whitfield, Crown Castle

Thank you to all our speakers, attendees and vendors for continuing the success of this event. AMP's technical services event and training schedule is available on the Member Extranet section of the [AMP website](#).



SOLAR continued from Page 1

The 20 MW facility, the largest solar installation in the state of Ohio, went into commercial operation in January 2017.

The site is made up of more than 85,000 modules and uses a tracker system that rotates the solar panels to help in maximizing production. A substation was also built on the site that steps the voltage up from 34.5 kV to 69 kV to be transmitted on a newly built 1.75 mile, 69 kV line that ties back into the City of Bowling Green's electric system.

There are 22 participating AMP members receiving energy from the project. The Bowling Green Solar Facility is part of a larger AMP Solar Phase II project. In the spring of 2016, AMP executed a solar power purchase agreement with DG AMP Solar, a wholly owned subsidiary of NextEra Energy Resources, for the development, construction and operation of up to 80 MW or more of new solar electric generation facilities. Solar Phase II sites in Ohio and Virginia are also in commercial operation, with additional sites under development in Ohio, Michigan and Delaware.

Federal court ruling against AMP member Lebanon

By Rachel Gerrick – senior vice president & general counsel for corporate affairs

As reported in the March 10, 2017, edition of Update, AMP member Lebanon received an adverse ruling from the U.S. Court of Appeals for the Sixth Circuit regarding a case stemming from a customer, NIBCO, Inc., who was "back billed" to correct a significant under-billing resulting from a clerical error made by the city at the time that NIBCO's meter was installed. While NIBCO did not dispute that it actually consumed the electric service for which Lebanon retroactively billed, NIBCO argued that it should not be responsible for Lebanon's billing mistake because the city's codified ordinances did not authorize Lebanon to collect under-billings based on Lebanon's unilateral mistake.

The Court of Appeals reversed the favorable decision rendered by the District Court, finding that the city lacked express authority for the back billing and so could not recover the under-billed amount. Following the adverse ruling, Lebanon filed a petition for panel rehearing and for rehearing *en banc*, asking for reconsideration on the basis of: (1) the original panel's misapprehension of critical facts and disregard by the panel of Ohio case law with precedential value; (2) the original panel's misapprehension that the case did not present rate discrimination issues; (3) the exceptional importance of the decision due to its potential application to municipal utilities throughout Ohio; and (4) the exceptional importance of the decision due to its conclusions which were directly contrary to Ohio case law and the weight of authority in other jurisdictions. AMP filed an amicus brief with the Court, supporting Lebanon's petition.

The Court has denied the city's petition, and no further appeals are anticipated at this time. Although we feel the

see RULING Page 3

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

Week ending April 28

MON	TUE	WED	THU	FRI
\$31.17	\$31.01	\$35.81	\$31.90	\$33.02

Week ending April 21

MON	TUE	WED	THU	FRI
\$32.75	\$30.40	\$34.61	\$35.26	\$30.83

AEP/Dayton 2018 5x16 price as of April 27 — \$36.62

AEP/Dayton 2018 5x16 price as of April 20 — \$36.43

Energy markets update

By Jerry Willman – assistant vice president of energy marketing

The June 2017 natural gas contract is now trading as the prompt month and decreased \$0.032/MMBtu to settle at \$3.239/MMBtu. The EIA reported an injection of 74 Bcf for the week ending April 21, which was 2 Bcf above analyst expectations. Total natural gas storage inventory is 16 percent over the five-year average.

On-peak power prices for 2018 at AD Hub closed yesterday at \$36.62/MWh, which was \$0.19/MWh higher for the week.

AFEC update

By Jerry Willman

The Fremont plant was offline on Saturday and Sunday, but ran in 2x1 configuration for the remainder of the week. Duct firing operated for 28 hours this week. The plant generated at a 48 percent capacity factor (based on 675 MW rating).

Webinar covers distributed solar for smaller utilities

The Distributed Generation Interconnection Collaborative (DGIC) will offer a free webinar at 2 p.m. May 18 on the topic of distributed solar for smaller utilities.

The webinar will highlight the experience of two utilities, each having between 5,000 and 50,000 customers, as they shift their business processes, staffing, planning and operations to incorporate distributed solar into their systems.

Scheduled speakers are Len Mediavilla, general manager of key accounts at Groton Utilities (Connecticut), and Laree St. Onge, supervisor of public affairs and sustainable energy programs at Trico Electric Cooperative, Inc. (Arizona).

Additional information and registration is available [here](#).

RULING continued from Page 2

Court's decision conflicts with Ohio case law, Ohio AMP members should anticipate that federal courts will follow its decision. Federal courts issuing rulings related to members in other states, particularly the Sixth Circuit states of Kentucky and Michigan, may also give weight to this decision.

In light of this adverse ruling, we recommend that each member review with its legal advisor how a similar billing situation would or could be addressed by the community in light of relevant express local law, including utility tariffs and/or regulations, and contract provisions. I will be sharing with each member's legal counsel sample legislative language which could be utilized to address metering, clerical and other billing errors on a going-forward basis. For additional information, please contact me at rgerrick@amppartners.org or 614.540.6379.

PUCO invites AMP to participate in PowerForward initiative

By Michael Beirne – vice president of external affairs

The Public Utilities Commission of Ohio (PUCO) launched the first phase of its PowerForward initiative last week with a three-day conference featuring presentations from a range of industry perspectives on grid modernization and the various ways it is affecting the industry.

AMP was invited to participate in the concluding panel of experts and I discussed AMP's advanced metering infrastructure program and work being done by the Focus Forward Advisory Council.

The PUCO's PowerForward is a three-phase review of the latest in technology, regulatory innovation and rate making that could serve to enhance the consumer electricity experience. PUCO is working to chart a clear path forward for future grid modernization projects, innovative regulations and forward-thinking policies. PUCO Chair Asim Haque plans to host two more phases of PowerForward with one on regulatory pathways this summer and another on rate design this fall.

Please contact me with questions or for additional information at mbeirne@amppartners.org or 614.540.0835.

Calendar

May 5-10—APPA Engineering & Operations Conference/Rodeo
San Antonio, TX

May 22-26—Lineworker Basic 2
AMP Headquarters, Columbus

June 12-16—Lineworker Intermediate
AMP Headquarters, Columbus

July 11-13—Hotline Training
AMP Headquarters, Columbus

Classifieds

Wastewater positions available in City of Bryan

The City of Bryan wastewater treatment plant is currently seeking qualified candidates for the following positions. Resumes can be emailed to bryanwwtp@cityofbryan.com or delivered to the City of Bryan wastewater treatment plant at 15500 Co Rd 15-C Bryan, OH between the hours of 7 a.m. and 3 p.m. weekdays.

Laboratory Analyst – Qualified candidates for the lab analyst position will preferably possess a minimum of a class 1 operator certification along with three to four years of experience working in a wastewater treatment plant laboratory, but persons with operations experience and a solid understanding of basic wastewater laboratory principals and procedures will be considered.

Plant Operator – Qualified candidates for the position of plant operator will preferably possess a minimum of a class 1 operator certification and three to four years of experience in the operation and maintenance of a wastewater treatment plant, but persons with less operations experience or a background in industrial maintenance will be considered.

AMP seeks applicants for multiple positions

American Municipal Power, Inc. (AMP) is seeking applicants for the following positions. For additional information or complete job descriptions, please visit the "careers" section of the AMP [website](#).

Hydro Plant Operations & Maintenance Supervisor – This position is responsible for the operations, maintenance, and supervision of hydro plant operations and maintenance staff. Candidates must have a four-year degree in engineering/technology field or a two-year degree in engineering/technology and a minimum of two years of supervisory experience in plant operations, or a minimum six years' experience in power plant operations including supervisory experience. Working conditions and environment include: working indoors in environmentally controlled conditions in the confines of a submerged plant; exposure to adverse weather; hazardous conditions/equipment; exposure to noise; working in precarious or high locations (ladders, etc.); and must frequently lift and/or move items over 65 pounds.

Manager of Marketing/Member Relations – This position is responsible for fostering member relationships and implementing AMP's strategic growth plan. This includes assisting the director of marketing/member relations in the administration and marketing of AMP services, programs and projects to members, performing regular visits to member communities and educating members about power supply portfolios, energy markets and AMP programs and

see CLASSIFIEDS Page 4

CLASSIFIEDS continued from Page 3

services. Qualifications include a bachelor's degree in business or an engineering-related field; three or more years of experience in the electric utility industry; and excellent interpersonal and communication skills. Travel required.

Power Dispatcher – This position is responsible for making hourly purchasing and selling decisions for the use of available generating resources to optimally meet member load requirements; monitoring member loads; and implementing and scheduling power supply arrangements. Candidates must have a minimum of an associate degree in business or related field (bachelor's degree preferred), or related work experience. Candidate must be willing to work rotating shifts; learn power supply operations, economic dispatch of generation resources and transmission use; and become PJM Generation Operation certified within one year of employment.

St. Clairsville begins search for assistant superintendent

The City of St. Clairsville has an immediate opening for an assistant superintendent in its electric department. The assistant superintendent is responsible for assisting the electric superintendent in the day to day operation and management of the electric department in a municipal government setting.

The position also is responsible for conducting maintenance on and installation of high voltage and secondary electric lines. The position also may serve as assistant superintendent for other public service departments. Qualifications include completion of high school (or equivalent) and a minimum of five years of experience working with high voltage electrical, or any equivalent combination of education, experience and training that provides the required knowledge, skills and abilities. Field experience and/or project management experience would be considered a plus. Applicants who live within a 60 minute drive of the city preferred.

A complete position description is available on the city's [website](#). Interested candidates should send a letter of interest with salary requirements and a resume to DOPS, City of St. Clairsville, PO Box 537, St. Clairsville, OH 43950, by May 5.

Village of Oak Harbor in need of superintendent

The Village of Oak Harbor is accepting applications for the position of superintendent of public power. The position is a full-time position that performs a variety of supervisory, administrative, skilled, technical and maintenance oversight in the planning, construction, operation, repair and replacement of the village's electrical system and facilities. The superintendent exercises close supervision over assigned workers and works under the general supervision of the village administrator. Minimum requirements include a high school diploma or GED, seven years of experience

relating to the construction, repair and maintenance of electric supply and distribution systems including the operation of related maintenance equipment or five years of journey line experience. Special requirements include possession of a class "A" CDL not under suspension and able to maintain insurability with the Village of Oak Harbor insurance carrier, a Journeyman Line Worker Certificate and must be bondable.

Applications and full job description are available at www.oakharbor.oh.us or may be obtained from the village offices. Applications will be accepted until 4 p.m. on May 19. Applications should be returned to Administrator Randall Genzman, 146 N. Church St., PO Box 232, Oak Harbor, Ohio 43449-0232, or emailed to randyg@oakharbor.oh.us. Wage is dependent on experience and Ordinance 06-2013. EOE.

Bowling Green seeks park maintenance specialist

City of Bowling Green Parks and Recreation Department is seeking an hourly, full-time position responsible for ensuring that park grounds, buildings and sports facilities are properly maintained. Prepares facilities for rentals; cleans restrooms and buildings; operates equipment; maintains grounds; prepares athletic fields; checks mechanical pool operations; prepares for special events; and performs other related duties as assigned. Must be able to work various shifts and weekends. Experience and education: high school diploma or equivalent; certification/licenses include First Aid/CPR, Certified Pool Operator (ability to obtain w/i six months of employment); one to six months relevant experience; valid Ohio Driver's License. (Pay Band 1: \$13.64 per hour)

Interested persons must complete the application that is available online at opportunities or available in the Personnel Department. Resumes may be included, but will not substitute for a completed application. Applications must be completed and returned to the Personnel Department, City of Bowling Green, 304 N. Church St, Bowling Green, OH 43402. Telephone: 419.354.6200; email: BGPersonnel@bgohio.org Office hours: 8 a.m. to 4:30 p.m. weekdays. A copy of the job description will be provided. The deadline for making application is 4:30 p.m. May 15, 2017. AA/EEO

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Columbus, Ohio 43229
614.540.1111 • FAX 614.540.1113
www.amppartners.org





UPdate

A weekly newsletter presented by AMP President/CEO Marc Gerken

May 5, 2017

April 2017: Congestion costs remain low

By Mike Migliore – vice president of power supply planning & marketing

Although April 2017 averaged 5 degrees above normal, there were no days warm enough to call for air conditioning. Loads and prices remained in a small range throughout the month. Although many generating units were on their spring outage, congestion throughout PJM stayed low.

AVERAGE DAILY RATE COMPARISONS			
	April 2017 \$/MWh	March 2017 \$/MWh	April 2016 \$/MWh
A/D Hub 7x24 Price	\$28.62	\$30.77	\$28.56
PJM West 7x24 Price	\$29.40	\$31.65	\$30.00
A/D to AMP-ATSI Congestion/Losses	\$0.65	\$1.34	\$0.44
A/D to Blue Ridge Congestion/Losses	\$0.68	\$0.83	\$1.47
A/D to PJM West Congestion/Losses	\$0.78	\$0.88	\$1.44
PJM West to PP&L Congestion/Losses	-\$0.70	-\$0.01	-\$7.74
IND Hub to A/D Hub Congestion/Losses	-\$1.23	\$2.40	\$0.57

AMP represents public power at FERC technical conference on capacity markets

By Ed Tatum – vice president transmission

The Federal Energy Regulatory Commission (FERC) held a staff-directed technical conference May 1-2 to discuss centralized capacity constructs, which, as currently designed, generally select resources based on principles of operational and economic efficiency without specific regard to resource type and without regard to the interests of state policymakers.

The purpose of the technical conference was to explore how these administrative constructs could select resources of interest to state policymakers without adversely impacting prices. Panelists at the conference represented public power, investor-owned utilities, competitive genera-

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Milford of DEMEC moves forward with AMI

By Jared Price – assistant vice president of IT & chief technology officer

A kickoff workshop for the AMP advanced metering infrastructure (AMI) program was held in Milford April 24-25. During the workshop, AMP and its vendor partners Silver Spring Networks and ElectSolve discussed the coordination and deployment of an advanced metering system for the City of Milford, which is a member of DEMEC. Topics included the overall timeline and project plan, delivery and storage of network and metering equipment, actual equipment and meter configuration and installation, configuration of the communications network, applications and data interfaces, training and communications to customers.

Milford is preparing for the next steps in the AMI process, which will include a series of bi-weekly project status calls throughout the remainder of the city's deployment.

AMP would like to give special thanks to Milford City Manager Eric Norenberg and Electric Department Superintendent Rick Carmean for orchestrating the resources at Milford to be in attendance for the kickoff workshop.

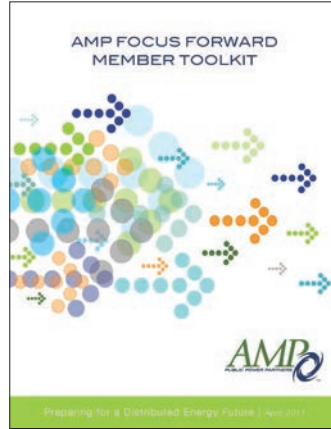
continued on Page 2



Updated AMP Focus Forward Toolkit is available online

By Erin Miller – director of energy policy & sustainability

The AMP Focus Forward Member Toolkit has been updated and is available on the Member Extranet section of the AMP [website](#) under “Focus Forward.” Updates are minor and include grammatical and visual tweaks, and updated links.



The toolkit was first unveiled at the 2016 AMP/OMEA Conference to help members with their local decisions about policies related to customer-side distributed energy resources (DER). The report is broken into two main components: a Rate Design Guide that highlights a policy development cycle for integrating customer-side DER into rate structures, and an Interconnection Checklist that provides members with key considerations. The toolkit also includes four case studies of AMP members who have taken action on DER matters and the lessons they’ve learned in the process.

As a reminder, there are many resources available on the Focus Forward section of the AMP Member Extranet, including member net metering and interconnection policies, and reference materials.

Please contact me with questions or for additional information at 614.540.1019 or emiller@amppartners.org.

AFEC update

By Jerry Willman – assistant vice president of energy marketing

Fremont started its spring maintenance outage last Saturday and is offline for its planned outage for approximately two weeks.

Energy markets update

By Jerry Willman

The June 2017 natural gas contract decreased \$0.042/MMBtu to settle at \$3.186/MMBtu. The EIA reported an injection of 67 Bcf for the week ending April 28, which was 6 Bcf above analyst expectations.

On-peak power prices for 2018 at AD Hub closed yesterday at \$36.67/MWh, which was \$0.05/MWh higher for the week.



News or Ads?

Call Krista Barber at 614.540.6407 or email to kbarber@amppartners.org if you would like to pass along news or ads.

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

Week ending May 5

MON	TUE	WED	THU	FRI
\$32.64	\$33.64	\$35.51	\$33.22	\$32.22

Week ending April 28

MON	TUE	WED	THU	FRI
\$31.17	\$31.01	\$35.81	\$31.90	\$33.02

AEP/Dayton 2018 5x16 price as of May 4 — \$36.67

AEP/Dayton 2018 5x16 price as of April 27 — \$36.62

Milford moves forward with AMI

continued from Page 1

The AMP advanced metering program allows both large and small members to take advantage of top tier technologies at an affordable price by enabling them to acquire meters and communications components under an aggregated purchasing agreement negotiated by AMP with partnering vendors. AMP hosts the back office applications, IT infrastructure and supporting staff as a shared service to participating member utilities. AMP staff not only provides overall program management, but oversees individual equipment deployment and provides ongoing support to the communities.

Please contact me with questions or for additional information about the AMI program at 614.540.1069 or jprice@amppartners.org.

APRIL OPERATIONS DATA

	April 2017	April 2016
AFEC Capacity Factor	54%	51%
Prairie State Capacity Factor	44%	63%
Meldahl Capacity Factor	40%	N/A
Cannelton Capacity Factor	39%	N/A
Greenup Capacity Factor	23%	N/A
Willow Island Capacity Factor	56%	77%
Belleville Capacity Factor	63%	65%
Blue Creek Wind Capacity Factor	35%	34%
JV6 Wind Capacity Factor	27%	19%
Napoleon Solar Capacity Factor	15%	19%
Bowling Green Solar Capacity Factor	27%	N/A
Avg. A/D Hub On-Peak Rate	\$33/MWh	\$31/MWh

*Fremont capacity factor based on 675 MW rating.

*PS capacity factor based on 1,582 MW rating.

*PS had one unit down for spring maintenance in 2016 and 2017.

*Meldahl capacity factor based on 105 MW rating

*Cannelton capacity factor based on 87.6 MW rating

*Greenup capacity factor based on 70 MW rating.

*Willow Island capacity factor based on 44.2 MW rating.

*Belleville capacity factor based on 42 MW rating.

*Solar capacity factor based on 3.54 MW rating.

FERC technical conference

continued from Page 1

tors, economists, state utility commissions and the three eastern regional transmission organizations (RTOs) – PJM Interconnection LLC (PJM), ISO New England Inc. (ISO-NE), and New York Independent System Operator Inc. (NYISO). Lisa McAlister, AMP’s general counsel for regulatory affairs, went toe-to-toe with market participants with views divergent from AMP and APPA.

During the two-day conference, several panelists, including competitive suppliers insisted that the markets are working and FERC should protect the markets from “illegitimate” state actions. State programs like Illinois’ zero emissions credit program (ZEC) that benefits Exelon’s nuclear resource were hotly debated. Many panelists argued that pricing carbon and other generator attributes through the energy markets would nullify the need for states to take action. McAlister argued that the current centralized administrative resource adequacy constructs have become increasingly inflexible regarding resource technology and fuel types, and they erroneously treat capacity as a fungible commodity.

“Resource adequacy constructs, centralized or not, need to accommodate consumer-driven resource selection,” she said. “Once they accommodate this, energy and ancillary service markets can provide operational market-based signals.”

Although McAlister supported the case that energy markets are better positioned to accommodate operational characteristics of particular resources than the capacity constructs, she urged FERC to consider a capacity construct based on bilateral contracts in accordance with customer preferences that would better align the goals of customers, resource developers and the entities tasked with ensuring resource adequacy and reliability. AEP and NRDC echoed support for a construct that enables bilateral contracting.

At the conclusion of the conference, Acting Chair Cheryl LaFleur summarized the discussions by noting that different regions are in different stages of solution development, but no panelists supported re-regulating and few states were interested in taking back the resource adequacy obligation. She noted also that panelists favored stakeholder-driven solutions to protracted litigation, but that achieving the integration of state policies into the markets is more challenging than accommodating them.

Stakeholders will have an opportunity to provide post-conference comments and AMP will be submitting comments that reflect the positions taken at the conference and address other questions posed by FERC. If you have any questions regarding this matter, please contact McAlister at 614.540.6400 or lmcalister@amppartners.org.

SEPA event highlights trends in utility industry

By Erin Miller

AMP staff attended the Smart Electric Power Alliance (SEPA) Utility Conference last week in Tucson Arizona.

SEPA’s goal is to assist its members toward achieving a smart transition to a clean energy future. “Smart” is defined by SEPA as having the following components:

- Technology – such as smart meters, battery storage;
- Strategy – evolution of the utility business model, regulations, culture;
- Planning – avoiding stranded assets by taking customer actions into consideration; and
- Customer Engagement – understanding customer expectations and delivering what customers want.

Highlights of the conference included:

- The price of solar continues to decrease and performance is improving.
- Future trends in the utility industry such as:
 - Community solar;
 - Rate design reforms;
 - Solar + energy storage; and
 - Electrification of the transportation sector.
- Corporations are continuing to push for renewable options and will circumvent utilities to work with developers if they meet resistance.
- Examples of utilities that have successfully streamlined their interconnection application processes, developed stakeholder groups and messaging for successful rate design reforms when faced with DER.

SEPA has a comprehensive member-only online national database with example DER agreements, ordinances, as well as data on penetration of solar and energy storage. To access, visit <http://usd.solarelectricpower.org/> and login.

AMP recently renewed its SEPA membership, which extends to all of AMP’s members. To start receiving SEPA member benefits, AMP members are encouraged to visit the SEPA [website](#) to sign up. Those with existing accounts should log in. Those without accounts can register as a new user.

Please contact me at 614.540.1019 or emiller@amppartners.org with questions or for additional information regarding SEPA.

Opportunities available at AMP

American Municipal Power, Inc. (AMP) is seeking applicants for the following positions. For additional information or complete job descriptions, please visit the "careers" section of the AMP [website](#).

Director Transmission Planning – This position represents AMP's members' interests by participating in regional transmission organization (RTO) and transmission owner (TO) transmission stakeholder and planning processes, primarily within PJM and MISO. Qualifications include a four-year accredited degree in electrical engineering. Professional engineer certification preferred. Must have knowledge of RTO transmission planning models, processes, system operations, load forecasting, system reliability requirements. It is preferred for candidates to have a minimum of three years of experience in the RTO regional and local transmission planning processes; and a minimum of five years of experience in power system studies including power flow, short circuit, dynamic and transient analysis, stability, reliability and economic dispatch. Prior experience with power system analysis software such as PSSE, PowerGEM, ProMod, MUST, etc. is also preferred.

Communications/Public Relations Specialist – Assists with content creation for publications, public relations and communications efforts. This includes writing copy and layout design. A four-year degree in journalism, communications, public relations or a related field is required. Experience with Adobe Creative Suite and knowledge of Associated Press style are preferred.

Hydro Plant Operations & Maintenance Supervisor – Responsible for the operations, maintenance, and supervision of hydro plant operations and maintenance staff. Candidates must have a four-year degree in engineering/technology field or a two-year degree in engineering/technology and a minimum of two years of supervisory experience in plant operations, or a minimum six years' experience in power plant operations including supervisory experience. Working conditions and environment include: working indoors in environmentally controlled conditions in the confines of a submerged plant; exposure to adverse weather; hazardous conditions/equipment; exposure to noise; working in precarious or high locations (ladders, etc.). Must frequently lift and/or move items over 65 pounds.

Manager of Marketing/Member Relations – Responsible for fostering member relationships and implementing AMP's strategic growth plan. This includes assisting the director of marketing/member relations in the administration and marketing of AMP services, programs and projects to members, performing regular visits to member communities and educating members about

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AMP releases fourth quarter sustainability report

By Erin Miller

The 2016 fourth quarter At-A-Glance Sustainability Report is now available on the sustainability section of the AMP [website](#). AMP provides these At-A-Glance reports quarterly to keep members and key stakeholders updated on the progress of sustainability metrics, while highlighting sustainability milestones achieved throughout the quarter.

For additional information about the report or other sustainability initiatives, please contact me at 614.540.1019 emiller@amppartners.org.

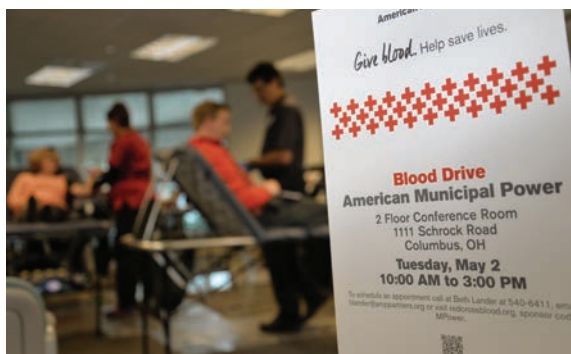
DEED to accept applications for fall funding cycle until Aug. 15

By Michelle Palmer, PE – vice president of technical services

As a reminder, the fall funding cycle of the American Public Power Association's (APPA) Demonstration of Energy Efficiency & Developments (DEED) program opened on May 1 and runs through Aug. 15. Grants, up to \$125,000, are designed to fund innovative utility projects that increase efficiency, reduce costs, investigate new technologies, offer new services or improve processes and practices to better serve customers.

AMP pays for its members to be DEED participants and will assist utilities with the grant application process. For assistance completing a DEED application, please contact me at mpalmer@amppartners.org or 614.540.0924.

Applicants will be notified of the DEED Board's funding decision by mid-October 2017. Additional DEED program details are available on APPA's [website](#) or by emailing DEED@PublicPower.org.



Third annual AMP blood drive benefits Red Cross

Staff and friends at AMP headquarters once again helped save lives through an AMP blood drive to benefit the American Red Cross this week. The third annual drive produced 28 productive units – exceeding the Red Cross' goal for AMP's event. About 44,000 pints of blood are needed in the U.S. every day. Please visit www.redcrossblood.org for more information.



power supply portfolios, energy markets and AMP programs and services. Qualifications include a bachelor's degree in business or an engineering-related field; three or more years of experience in the electric utility industry; and excellent interpersonal and communication skills. Travel required.

Power Dispatcher – Responsible for making hourly purchasing and selling decisions for the use of available generating resources to optimally meet member load requirements; monitoring member loads; and implementing and scheduling power supply arrangements. Candidates must have a minimum of an associate degree in business or related field (bachelor's degree preferred), or related work experience. Candidate must be willing to work rotating shifts; learn power supply operations, economic dispatch of generation resources and transmission use; and become PJM Generation Operation certified within one year of employment.

Wastewater positions available in City of Bryan

The City of Bryan wastewater treatment plant is seeking qualified candidates for the following positions. Resumes can be emailed to bryanwwtp@cityofbryan.com or delivered to the City of Bryan wastewater treatment plant at 15500 Co Rd 15-C Bryan, OH between the hours of 7 a.m. and 3 p.m. weekdays.

Laboratory Analyst – Qualified candidates for the lab analyst position will preferably possess a minimum of a class 1 operator certification along with three to four years of experience working in a wastewater treatment plant laboratory, but persons with operations experience and a solid understanding of basic wastewater laboratory principals and procedures will be considered.

Plant Operator – Qualified candidates for the position of plant operator will preferably possess a minimum of a class 1 operator certification and three to four years of experience in the operation and maintenance of a wastewater treatment plant, but persons with less operations experience or a background in industrial maintenance will be considered.

Oberlin begins search for electric department director

The OMLPS director is responsible for planning, directing and overseeing all engineering, financial, administrative and management functions of the Municipal Light and Power System. The OMLPS director shall function with a high degree of independence and utilize sound professional judgment, demonstrate planning and organizational skills to establish and manage priorities, programs and staff for his/her functional area.

Minimum qualifications: Bachelor's degree in electrical engineering, public administration or related field and

must have at least five years hands-on experience in generation, transmission and distribution system operations, including extensive planning, personnel management, and financial experience; or an equivalent combination of education and experience which provides the skills and abilities necessary to perform the primary job duties. Understanding of energy trends, energy reduction funding programs, alternative energy and power purchasing a plus. Valid state of Ohio driver's license required.

Starting Salary Range: \$80,000 – \$95,000/Year D.O.Q Applications and full job description are available at www.cityofoberlin.com and at Oberlin City Hall (85 S. Main St., Oberlin, OH 44074). Please include a cover letter and resume with completed application. Application and subsequent materials may be returned via email to hr@cityofoberlin.com or mailed to City of Oberlin Human Resources Department, 85 S. Main St., Oberlin, OH 44074. Position closing date is 4:30 p.m. May 19.

Oak Harbor to auction items

The Village of Oak Harbor is auctioning the following items on Govdeals.com. The closing date of the auction is May 9.

- [Hersey Water Meters](#) Model 420-Quick Connect (Lot of 32) Pit Style-BRAND NEW
- [Hersey Water Meters](#) Model 420-Direct Wire (Lot of 256) In-home Style-BRAND NEW
- [Itron 100W-Direct Wire ERTs](#) (Lot of 251) In-home Style-BRAND NEW



Village of Oak Harbor in need of superintendent

The Village of Oak Harbor is accepting applications for the position of superintendent of public power. The position is a full-time position that performs a variety of supervisory, administrative, skilled, technical and maintenance oversight in the planning, construction, operation, repair and replacement of the village's electrical system and facilities.

The superintendent exercises close supervision over assigned workers and works under the general supervision of the village administrator. Minimum requirements include a high school diploma or GED, seven years of experience relating to the construction, repair and maintenance of electric supply and distribution systems including the operation of related maintenance equipment or five years of journey line experience. Special require-

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ments include possession of a class "A" CDL not under suspension and able to maintain insurability with the Village of Oak Harbor insurance carrier, a Journeyman Line Worker Certificate and must be bondable.

Applications and full job description are available at www.oakharbor.oh.us or may be obtained from the village offices. Applications will be accepted until 4 p.m. on May 19. Applications should be returned to Administrator Randall Genzman, 146 N. Church St., PO Box 232, Oak Harbor, OH 43449-0232, or emailed to randyg@oakharbor.oh.us. Wage is dependent on experience and Ordinance 06-2013. EOE.

Bowling Green Parks & Rec seeks candidates for positions

The Bowling Green Parks and Recreation Department is seeking candidates for the following positions. Interested persons must complete the application that is available [online](#) or available in the Personnel Department. Resumes may be included, but will not substitute for a completed application. Applications must be completed and returned to the Personnel Department, City of Bowling Green, 304 N. Church St, Bowling Green, OH 43402. Telephone: 419.354.6200; email: BGPersonnel@bgohio.org Office hours: 8 a.m. to 4:30 p.m. weekdays. AA/EEO

Park Maintenance Specialist – Hourly, full-time position responsible for ensuring that park grounds, buildings and sports facilities are properly maintained. Prepares facilities for rentals; cleans restrooms and buildings; operates equipment; maintains grounds; prepares athletic fields; checks mechanical pool operations; prepares for special events; and performs other related duties as assigned. Must be able to work various shifts and weekends. Experience and education: high school diploma or equivalent; certification/licenses include First Aid/CPR, Certified Pool Operator (ability to obtain w/i six months of employment); one to six months relevant experience; valid Ohio Driver's License. (Pay Band 1: \$13.64 per hour). The deadline for making application is 4:30 p.m. May 15.

Part-Time Recreation Administrative Assistant – Part-time, non-bargaining hourly position is responsible for customer service at the Community Center and other P&R facilities. Prepares reports; handles money; performs data entry; must be proficient in computer software: Word, Excel, Adobe Acrobat, RecTrac or other registration software; website management. Two-year associate degree or equivalent preferred; three to five years administrative/clerical support experience; must have ability to drive. Hours will generally be 20 to 24 hours per week dependent upon department need. (Pay Band 1 - \$14.70 per hour). The deadline for making application is 4:30 p.m. May 26.

Calendar

May 5-10—APPA Engineering & Operations Conference/Rodeo
San Antonio, TX

May 22-26—Lineworker Basic 2
AMP Headquarters, Columbus

June 12-16—Lineworker Intermediate
AMP Headquarters, Columbus

July 11-13—Hotline Training
AMP Headquarters, Columbus

August 25-26—AMP Lineworkers Rodeo
AMP Headquarters, Columbus

Sept. 11-15—Lineworker Basic 2
AMP Headquarters, Columbus

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May 5, 2017

This week the Ohio legislature largely focused on Sub. HB49, the state operating budget bill. The House of Representatives passing the measure Tuesday by a bi-partisan vote, sending it on to the Senate for their review. As we have reported, the Senate had already begun hearings on the two year plan and continued the unpacking of the items sent to them this week through various committees. There are no Senate Finance committee hearings next week but subcommittees will continue to focus on specific issues and areas of state concern. League staff spent the week meeting with members of the Ohio Senate to communicate challenges brought to them for some of their municipalities and to support the areas that we believe the House got the policy correct.

HOUSE PASSES BUDGET BILL

On Tuesday the Ohio House of Representatives passed its proposed FY 18-19 budget, House Bill 49 (R-Smith) sending the bill to the Ohio Senate for its consideration. The bill passed 58-37. Reps. John Patterson (D-Jefferson), John Rogers (D-Mentor-on-the-Lake) and Martin Sweeney (D-Cleveland) joining most Republicans in support of the budget. Reps. John Becker (R-Cincinnati), Bill Dean (R-Xenia), Keith Faber (R-Celina), Wes Goodman (R-Cardington), Christina Hagan (R-Alliance), Ron Hood (R-Ashville), Jim Hughes (R-Upper Arlington), Candice Keller (R-Middletown), Kristina Roegner (R-Hudson), Nino Vitale (R-Urban) and Paul Zeltwanger (R-Mason) joined most Democrats in voting against the legislation.

While the budget was being considered in House committees, Governor Kasich's office announced that revenue predictions needed to be lowered about \$800 million over the biennium or about \$400 million per year. Ohio Office of Budget and Management Director Tim Keen testified this week that the administration still believes those numbers are an accurate assessment going forward.

One alarming trend that is significantly influencing budget conversations at the Statehouse are the continued underperformance of state tax revenues and the continued collection shortfalls. April sales tax revenue collections came in \$47.5 million below estimates and are behind year-to-date projections by \$208.4 million. Even more alarming for legislative leaders, state income tax collections for the previous month missed projections by -12% and were \$106.7 million less than planned, lagging expectations by -8.1% or \$554 million less year to date with two months remaining in the 2017 fiscal calendar. Justifications for the underperformance of these projections are generally related in conversation to the small business income tax cut enacted in the previous state operating budget.

The League is currently combing through the substitute version of the state operating budget in detail. However, there are a few items that we can report on today.

First, the provisions that would have centralized collection of the municipal income tax have been taken out of the budget, as previously reported via previous bulletins.

Meanwhile, provisions that would essentially eliminate the "throwback" rule remain. The actual language as it appears in the bill for these two municipal tax items can be found (OBG) [HERE](#) & (Throwback) [HERE](#) . The League remains opposed to the new "throwback" rule change that essentially creates a situation where there is "nexus to nowhere" for the application of the tax to any municipality unless shipments are made within the incorporated area or an employee of the shipper is located at the shipment destination. This translates to significant revenue loss for municipalities across Ohio that have warehouse, distribution facilities, fulfillment centers or basically any commerce whose business model includes shipping purchased products (tangible personal property) to a consumer. It is imperative that municipal leaders concerned about the repeal of this provision and the ensuing revenue loss further challenging the delivery of services to identify in their local tax collections how much revenue will be lost and communicate that concern through Resolutions or direct contact to members of the Ohio Senate. This repeal, proposed by the state legislature, will only impact municipal revenues, no state dollars will be lost to this further tax cut for Ohio business interests. Please also communicate with your legislative delegation if you have had any conversations with business owners in your communities who have complained about the application of the "throwback" rule. This will reinforce what legislators are telling league staff; that they have never heard a business leader identify this tax component as a hurdle to their operations' success in Ohio.

Another amendment added by the House that we want to highlight for our members is the creation of the STARS-II program. The language, which we support, will create another STARS-like investment program to allow local governments with "excess reserves" to access longer-term investments. For political subdivisions, excess reserves are the amount of the subdivision's public money that exceeds the subdivision's average annual operating expense, defined as the average of that subdivision's operating expenses for the previous 3 years.

Currently, political subdivisions - from municipalities to school districts - can utilize the State Treasury Asset Reserve of Ohio ["STAR Ohio"] program to invest their excess cash in a highly-rated public investment pool. STAR Ohio is a liquid money market account constructed for short-term investments that was established and is managed by the State Treasurer.

This amendment would allow the State Treasurer to set up and manage a new investment fund for political subdivisions to make longer-term investments with their excess reserves, using the state's current investment authority, including highly-rated debt. For subdivisions with excess reserves, this program will allow the State Treasurer to use the state's full investment authority to deliver higher investment returns than currently available. This Amendment is supported by both the Ohio Treasurer's office and the Ohio Auditor's office as well.

A full comparison document can be accessed here:

<http://www.lsc.ohio.gov/fiscal/comparedoc132/hp/comparedoc-hb49-hp.pdf>

Here are several points in the budget that we support:

- Discards proposed changes to the distribution of the Local Government Fund
- Allows a county with a population between 300,000 and 350,000 that levies a 3% lodging tax (Lorain) to increase the municipal lodging tax up to an additional 3%.
- Provides a \$300,000 capital appropriation for the purchase of MARCS radios.
- Continues the ability for a county or municipality to enter into an enterprise zone agreement after October 15, 2017.
- Authorizes a county or municipal government to extend a pre-1994 CRA without triggering the laws enacted in 1994.
- Clarifies that public officials are allowed to accept registration fees, travel expenses, and meals during a meeting or convention of a national, state, and regional organizations that a government body pays dues to. This amendment corrects a misinterpretation of the ethics law by the Ohio Ethics Commission in an informal advisory opinion.
- Earmarks \$150,000 in FY'18 in the 800-635, Small Government Fire Departments, for equipment related to a fire training center that received capital appropriation in S.B. 310 from the 131st GA.
- Compels Hamilton County to distribute the proceeds of its hotel and lodging tax above \$6 M per year to the township or municipality of origin on a proportional basis.
- Elevates the threshold for competitive bidding for port authorities to \$250,000.
- Adds cyber-training to the list of permissible activities the AOS can provide to local governments.

Budget items included in the House substitute HB49 that the League opposes and are working with members of the Ohio Senate to change:

- Maintains language in the bill regarding the repeal of the throwback rule, but maintains the current apportionment of sales to a municipality
- Lowers the threshold for signatures required to dissolve a village from 40% of electors to 30%.
- Language which would withhold Local Government Funds (LGF) payments in regards to restrictive conditions placed upon the distribution agreements of water and sewer services to regional political subdivisions. The language exclusively impacts a municipality with a population greater than 700,000.
- Language that provides exclusive authority to the Ohio Department of Health to conduct lead-abatement programs, preempting existing municipal programs to detect, enforce and order abatement of poisonous lead based exposures in rental properties.

Budget items the League is neutral on and/or are being reviewed to determine impact to municipalities:

- Creates the DataOhio program. This is consistent with legislation that the League worked out with Representative Mike Duffey (R-Worthington) in the last General Assembly.
- Deletes the fee related to filing municipal income tax returns through the Ohio Business Gateway
- Expands the class of permanent improvements a tourism development district (TDD) may use revenue for. Clarifies money can only be spent inside the TDD

area. Requires lodging taxes inside the TDD to be used to promote tourism in the TDD only if approved by the convention and visitor's bureau.

- Eliminates the Constitutional Modernization Commission on July 1, 2017.
- Directs the Governor to create Clean Water Central Ohio to oversee waste treatment planning in Franklin and parts of surrounding counties.
- Sanctions a probate court to do the following in regards to a park district created by an order of the court: 1) issue an order preventing interference with the court's order creating the district, 2) enforcing the court's order creating the district, 3) issuing an order compelling compliance with the laws, 4) investigating matters involving the park district, 5) Impose duties and restrictions on a person or party who interferes with the park district's purposes 6) tax the cost of proceedings as court costs.
- Exempts property conveyed to a development corporation that is unoccupied and once owned by the federal government from local property taxes
- Mandates a political subdivision pay owners fees when the subdivision appeals a property tax assessment case and loses.
- Adds two new factors to be considered in calculating the current agricultural use value (CAUV) "typical cropping and land use patterns" and "typical production costs" and deletes one existing factor "market value". States that the equity yield rate used to calculate the capitalization rate equals the 25-year average of the "total rate of return on farm equity" published by the US Department of Agriculture and the holding period for the purposes of calculating the components of capitalization is 25 years.
- Permits counties participating in a Regional Transportation Improvement Project (RTIP) to create a financing mechanism similar to TIF district and makes an \$250,000 appropriation for the RTIP involving Carroll, Columbiana and Stark counties.
- Removes the sunset that permits the AOS to escalate fiscal watch to fiscal emergency.
- Extends the number of days the AOS has to handle an investigation of malfeasance of fiscal officers from 10 to 30.

The League appreciates all of our members who have spoken with their members of the Ohio General Assembly and encourage municipal officials to share with their legislators budget matters that are important to their communities.

BWC REBATES APPROVED

Last Friday, the Board of Directors of the Ohio Bureau of Workers Compensation approved another \$1.1 billion in rebates to both public and private employers. Also, Lt. Gov. Mary Taylor and BWC CEO Sarah Morrison announced \$44 million in investments to come in workplace safety and health and wellness programs. Of the rebates, the BWC anticipates nearly \$133 million will go to local governments (not including school districts). The League would like to thank all the people who help make it possible for the BWC to grant these rebates. They are meaningful for our cities and villages.

GRANTS AVAILABLE FOR GAS STATION CLEAN UP

This week the Ohio Controlling Board authorized funds for three communities, including the City of Sandusky, to clean up abandoned gas stations. Ohio Development Services Agency, in partnership with Ohio EPA and the Department of Commerce,