

SEPTEMBER 2017

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
	Labor Day	7:00 pm				
	Offices Closed	City Council				
10	11	12	13	14	15	16
	6:30 pm Electric Comm. & BOPA	5:00 pm Planning Comm.			9:00 am Healthcare Cost Committee	
	7:00 pm Water/Sewer Comm.					
	7:30 pm Muni. Prop. ED Committee					
17	18	19	20	21	22	23
	6:00 pm Parks & Rec Comm.					
	Tree Commission					
	6:15 pm Ad-hoc Comm. Council Rules					
	7:00 pm City Council					
24	25	26	27	28	29	30
	6:30 pm Finance and Budget Committee	4:30 pm Civil Service	6:30 pm Parks & Rec Board			
	7:30 pm Safety and Human Resources					

City of Napoleon, Ohio

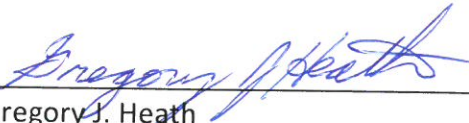
ELECTRIC COMMITTEE

Amended Meeting Agenda

Monday, September 11, 2017 at 6:30 pm

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

- 1) Approval of Minutes from August 14, 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 September, 2017:
PSCAF – three (3) month averaged factor \$0.01042
JV2 \$0.022959
JV5 \$0.022959
- 3) Discussion on Transmission Operator for Northside Substation. (Tabled)
- 4) Electric Vehicle Rebate. (Tabled)
- 5) Portfolio Realignment Opportunity.
- 6) Electric Department Reports.
- 7) Approval of Electric Department's Participation in City of Tallahassee Relief Efforts.
- 8) Any other matters to come before the Committee.
- 9) Adjournment.



Gregory J. Heath
Finance Director/Clerk of Council

Once you sell an asset you do not get it back, it is over and done with. We have heard FE is offering fifty percent of what the value of the asset is. We do not have to sell to FE we could sell to either Grid Alliance or Next Era, though I spoke with NextEra and they informed me the equipment Napoleon has is not enough for them to have an interest. They suggested if we could get the other communities to bundle together, there may be some interest. In the electric world, Napoleon's \$1.7 million of assets is a tiny fraction of what is out there. There are three other communities in the same position (Hudson and they want to sell and be out; Cuyahoga Falls is leaning towards selling though they really would like AMP to step in; and Wadsworth prefers to retain control of their asset). There are risks and rewards on both sides. No one was interested in leasing. We have a walk thru of our equipment scheduled with FE on Friday, August 25th, we have asked Utility Services to be there too.

Clapp commented if we don't own the asset, FE will have control over how much power they give us. To be a TO we will have to be 24-hour control center that will need to be manned with two licensed people and we are too small to afford that, it would cost millions of dollars, we would have to hire someone to run the control center.

DeWit responded we want to keep our asset. Sheaffer agreed, we do not want our economic development in their hands.

Mazur said the aspect of a TO owner is there are forty-five requirements, twenty-eight that we are in compliance with, twelve that do not pertain to us, and five we need to comply with. Three of the five are almost completed, but the big one is the 24-hour response call center with licensed operators. Grid Force Company would handle at a cost of \$10,000/month per entity. Mazur shared that he talked with someone at the APPA conference about tariffs. You would get a payback percentage of your asset, we would have to get at least 6% to recover our costs. There is a place in Rochelle, IL that has a good model for tariff recovery, they have made it work and figured out how to make more money.

**Motion to Table
Transmission Operator for
Northside Substation**

Motion: Siclair Second: Baer
to table Discussion on Transmission Operator for Northside Substation.

Passed

Yea-3

Nay-0

Roll call vote on above motion:

Yea-Sheaffer, Baer, Siclair

Nay-

Electric Vehicle Rebate

Mazur said this item is two-fold, there is the vehicle rebate plus electric charging station. I was contacted by a council member and also the Director of the Chamber of Commerce who asked us to look at a charging station in Napoleon. Leisure Time Winery has a charging station, but other than that from Waterville to Fort Wayne there is a void. There are some Level 2 charging stations and a few Level 3's in Toledo. The cost for a Level 2 pedestal charging station with dual drawback plugs would be about \$7,000.

Sheaffer recommended if we do put in a charging station, that it be a Level 3. Mazur continued a Level 1 is a 110 outlet and takes sixteen hours to charge, the Level 2 would take 3-1/2 hours and at a Level 3 it takes thirty minutes to charge

Dr. Cordes asked if Walmart may be interested in putting something out there. DeWit said maybe one of the truck stops would be interested also. Sheaffer suggested the Main Street Parking Lot. Heath noted if this is not a free service you will have to set a rate and track payments.

Motion: Siclair
to table Electric Vehicle Rebate.

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

Dennie Clapp, Electric Distribution Superintendent, passed out the Electric Department Reports for July, 2017. He noted there were twenty-four callouts for the month of July with one-third being customer issues.

Motion: Baer Second: Siclair
To adjourn the Electric Committee meeting at 8:02 pm.

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

Travis Sheaffer - Chairman

City of Napoleon, Ohio

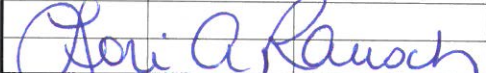
**POWER SUPPLY COST ADJUSTMENT FACTOR (PSCAF) - COMPUTATION OF MONTHLY PSCAF
COMPUTATIONS WITH CORRECTED DATA FROM JULY, 2015, THROUGH MARCH, 2017**

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		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
Apr'17	June '17	11,497,068	\$ 943,085.70	36,300,174	\$ 2,924,984.16	\$ 0.08058	\$ (0.07194)	\$ 0.00864	\$ 0.00929
May'17	July '17	12,213,395	\$ 1,006,024.23	36,646,955	\$ 3,018,687.78	\$ 0.08237	\$ (0.07194)	\$ 0.01043	\$ 0.01121
June'17	Aug '17	13,580,367	\$ 1,096,910.02	37,290,830	\$ 3,046,019.95	\$ 0.08168	\$ (0.07194)	\$ 0.00974	\$ 0.01047

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

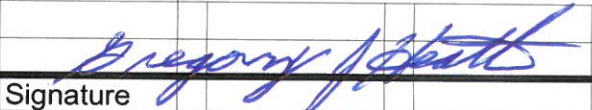
PSCAF - Preparers Signature:

Name - Lori A. Rausch, Utility Billing Administrator

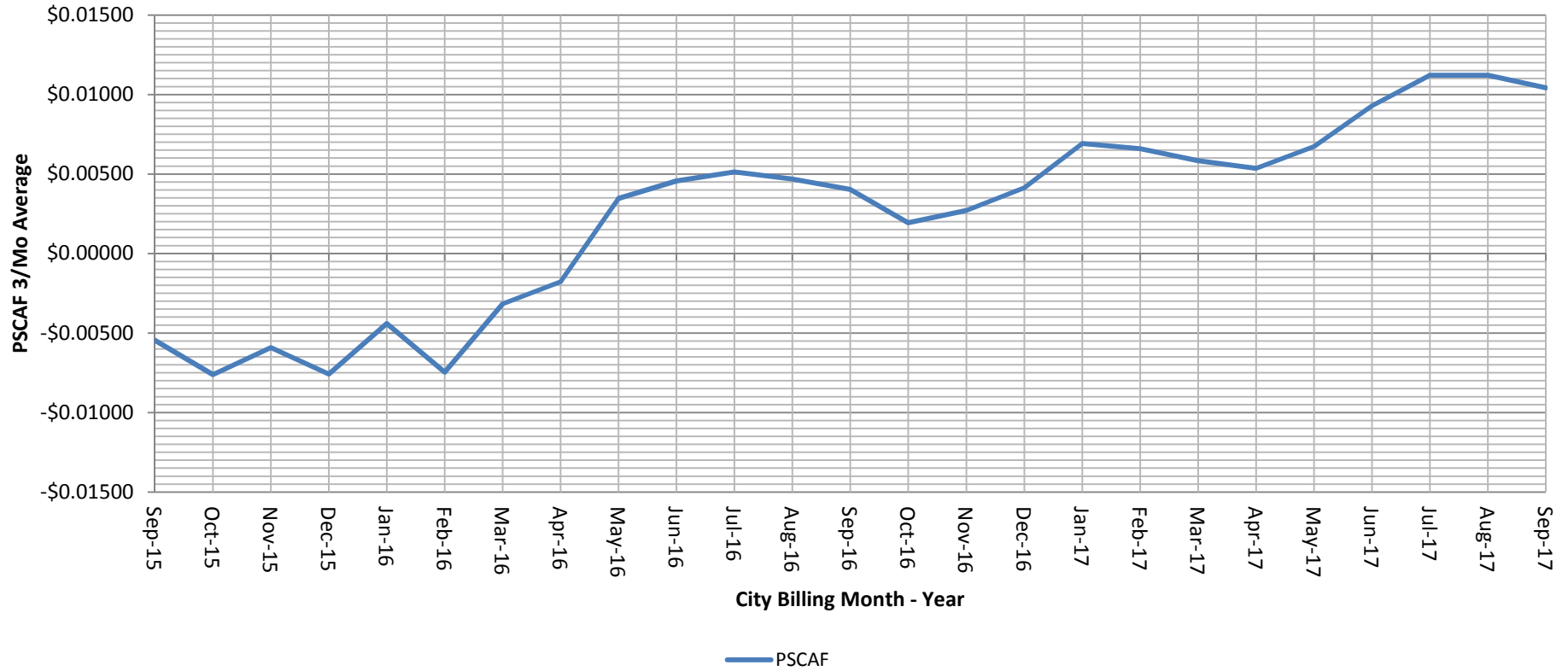
 **7/18/2017**
Signature _____ Date _____

PSCAF - Reviewers Signature:

Name - Gregory J. Heath, Finance Director

 **7/18/2017**
Signature _____ Date _____

Power Supply Cost Adjustment Factor - PSCAF - Corrected



<u>BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - SEPTEMBER, 2017</u>									
<u>2017 - AUGUST BILLING WITH JULY 2017 DATA BILLING UNITS</u>									
PREVIOUS MONTH'S POWER BILLS - PURCHASED POWER KWH AND COST ALLOCATIONS BY DEMAND & ENERGY:									
<u>DATA PERIOD</u>	<u>MONTH / YR</u>	<u>DAYS IN MONTH</u>	<u>MUNICIPAL PEAK</u>						
AMP-Ohio Bill Month	JULY, 2017	31	30.579						
City-System Data Month	AUGUST, 2017	31							
City-Monthly Billing Cycle	SEPTEMBER, 2017	30							
=====CONTRACTED AND OPEN MARKET POWER=====									
==PEAKING==									
=====HYDRO POWER=====									
(PURCHASED POWER-RESOURCES -> (	AMP CT	FREEMONT ENERGY	PRAIRIE STATE SCHED. @ PJMC	MORGAN STNLY. REPLMNT. 2015-20	NORTHERN POWER	JV-2 PEAKING	AMP-HYDRO CSW	MELDAHL-HYDRO SCHED. @	GREENUP HYDRO SCHED. @
(<u>SCHED. @ ATSI</u>	<u>SCHEDULED</u>	<u>REPLMT @ PJMC</u>	<u>7x24 @ AD</u>	<u>POOL</u>	<u>SCHED. @ ATSI</u>	<u>SCHED. @ PJMC</u>	<u>MELDAHL BUS</u>	<u>GREENUP BUS</u>	
Delivered kWh (On Peak) ->	299,558	3,338,472	3,580,173	2,827,200	220,205	4,252	1,600,593	299,360	158,002
Delivered kWh (Off Peak) ->					302,872				
Delivered kWh (Replacement/Losses/Offset) ->									
Delivered kWh/Sale (Credits) ->					-1,223,808				
Net Total Delivered kWh as Billed ->	299,558	3,338,472	3,580,173	2,827,200	-700,731	4,252	1,600,593	299,360	158,002
<i>Percent % of Total Power Purchased-></i>	<i>2.0555%</i>	<i>22.9081%</i>	<i>24.5666%</i>	<i>19.3998%</i>	<i>-4.8083%</i>	<i>0.0292%</i>	<i>10.9830%</i>	<i>2.0542%</i>	<i>1.0842%</i>
<u>COST OF PURCHASED POWER:</u>									
<u>DEMAND CHARGES (+Debits)</u>									
Demand Charges	\$31,620.00	\$34,749.14	\$56,868.27			\$667.92	\$8,415.57	\$2,131.92	\$2,346.30
Debt Services (Principal & Interest)		\$44,291.71	\$99,228.85				\$149,247.54	\$17,544.24	\$5,646.30
<u>DEMAND CHARGES (-Credits)</u>									
Transmission Charges (Demand-Credits)	-\$31,299.29					-\$881.46			
Capacity Credit	-\$47,201.21	-\$30,251.14	-\$16,532.18			-\$1,409.74	-\$2,870.14	-\$1,872.43	-\$1,072.35
Sub-Total Demand Charges	-\$46,880.50	\$48,789.71	\$139,564.94	\$0.00	\$0.00	-\$1,623.28	\$154,792.97	\$17,803.73	\$6,920.25
<u>ENERGY CHARGES (+Debits):</u>									
Energy Charges - (On Peak)	\$27,124.94	\$99,028.68	\$43,518.95	\$177,972.24	\$9,169.44	\$197.70	\$229.12	\$30.72	\$238.93
Energy Charges - (Replacement/Off Peak)					\$7,069.20				
Net Congestion, Losses, FTR		\$10,497.92	\$5,269.83	\$1,053.96			\$2,500.04	\$346.11	\$130.69
Transmission Charges (Energy-Debits)			\$32,244.46						
ESPP Charges									
Bill Adjustments (General & Rate Levelization)		-\$223.43	\$9,122.46			\$209.25	\$72,630.27	\$6,952.52	\$3,439.58
<u>ENERGY CHARGES (-Credits or Adjustments):</u>									
Energy Charges - On Peak (Sale or Rate Stabilization)					-\$39,280.52				
Net Congestion, Losses, FTR									
Bill Adjustments (General & Rate Levelization)							-\$3,201.19	-\$598.72	-\$316.00
Sub-Total Energy Charges	\$27,124.94	\$109,303.17	\$90,155.70	\$179,026.20	-\$23,041.88	\$406.95	\$72,158.24	\$6,730.63	\$3,493.20
<u>TRANSMISSION & SERVICE CHARGES, MISC.:</u>									
RPM / PJM Charges Capacity - (+Debit)									
RPM / PJM Charges Capacity - (-Credit)									
Service Fees AMP-Dispatch Center - (+Debit/-Credit)									
Service Fees AMP-Part A - (+Debit/-Credit)									
Service Fees AMP-Part B - (+Debit/-Credit)									
Other Charges & Bill Adjustments - (+Debit/-Credit)									
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL - ALL COSTS OF PURCHASED POWER	-\$19,755.56	\$158,092.88	\$229,720.64	\$179,026.20	-\$23,041.88	-\$1,216.33	\$226,951.21	\$24,534.36	\$10,413.45
<i>Purchased Power Resources - Cost per kWh-></i>	<i>-\$0.065949</i>	<i>\$0.047355</i>	<i>\$0.064165</i>	<i>\$0.063323</i>	<i>-\$0.032883</i>	<i>-\$0.286061</i>	<i>\$0.141792</i>	<i>\$0.081956</i>	<i>\$0.065907</i>

<u>BILLING SUMMARY AND CONS</u>									
<u>2017 - AUGUST BILLING WITH JULY 2017 DATA</u>									
<u>PREVIOUS MONTH'S POWER BILLS - PU</u>									
<u>DATA PERIOD</u>									
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 -
<u>PURCHASED POWER-RESOURCES -> (</u>	<u>HYDRO</u>	<u>HYDRO</u>	<u>WIND</u>	<u>PHASE 1</u>	<u>POWER PLANT</u>	<u>CHARGES</u>	<u>DISPATCH, A & B</u>	<u>CHARGES &</u>	<u>ALL</u>
(	<u>SCHED. @ NYIS</u>	<u>7x24 @ ATSI</u>	<u>SCHED. @ ATSI</u>	<u>SCHED. @ ATSI</u>	<u>2014 - 2017</u>	<u>Other Charges</u>	<u>Other Charges</u>	<u>LEVELIZATION</u>	<u>RESOURCES</u>
Delivered kWh (On Peak) ->	652,073	2,297,472	17,589	165,789	0	0	0	0	15,460,738
Delivered kWh (Off Peak) ->									302,872
Delivered kWh (Replacement/Losses/Offset) ->		33,544							33,544
Delivered kWh/Sale (Credits) ->									-1,223,808
	-----	-----	-----	-----	-----	-----	-----	-----	-----
Net Total Delivered kWh as Billed ->	652,073	2,331,016	17,589	165,789	0	0	0	0	14,573,346
Percent % of Total Power Purchased->	4.4744%	15.9951%	0.1207%	1.1378%	0.0000%	0.0000%	0.0000%	0.0000%	100.0003%
								Verification Total ->	100.0000%
<u>COST OF PURCHASED POWER:</u>									
<u>DEMAND CHARGES (+Debits)</u>									
Demand Charges	\$6,208.37	\$39,094.09	\$1,545.40			\$141,373.60			\$325,020.58
Debt Services (Principal & Interest)		\$55,367.84							\$371,326.48
<u>DEMAND CHARGES (-Credits)</u>									
Transmission Charges (Demand-Credits)		-\$13,656.21	-\$76.50						-\$45,913.46
Capacity Credit	-\$4,310.35	-\$14,428.23	-\$119.33						-\$120,067.10
	-----	-----	-----	-----	-----	-----	-----	-----	-----
Sub-Total Demand Charges	\$1,898.02	\$66,377.49	\$1,349.57	\$0.00	\$0.00	\$141,373.60	\$0.00	\$0.00	\$530,366.50
<u>ENERGY CHARGES (+Debits):</u>									
Energy Charges - (On Peak)	\$7,975.67	\$42,326.66		\$14,423.63		\$7,128.63			\$429,365.31
Energy Charges - (Replacement/Off Peak)									\$7,069.20
Net Congestion, Losses, FTR	\$1,176.00								\$20,974.55
Transmission Charges (Energy-Debits)									\$32,244.46
ESPP Charges					\$18,154.46				\$18,154.46
Bill Adjustments (General & Rate Levelization)								-\$80,000.00	\$12,130.65
<u>ENERGY CHARGES (-Credits or Adjustments):</u>									
Energy Charges - On Peak (Sale or Rate Stabilization)									-\$39,280.52
Net Congestion, Losses, FTR									\$0.00
Bill Adjustments (General & Rate Levelization)	\$956.73								-\$3,159.18
	-----	-----	-----	-----	-----	-----	-----	-----	-----
Sub-Total Energy Charges	\$10,108.40	\$42,326.66	\$0.00	\$14,423.63	\$18,154.46	\$7,128.63	\$0.00	-\$80,000.00	\$477,498.93
<u>TRANSMISSION & SERVICE CHARGES, MISC.:</u>									
RPM / PJM Charges Capacity - (+Debit)						\$175,110.46			\$175,110.46
RPM / PJM Charges Capacity - (-Credit)									\$0.00
Service Fees AMP-Dispatch Center - (+Debit/-Credit)							\$479.32		\$479.32
Service Fees AMP-Part A - (+Debit/-Credit)							\$2,946.27		\$2,946.27
Service Fees AMP-Part B - (+Debit/-Credit)							\$8,474.14		\$8,474.14
Other Charges & Bill Adjustments - (+Debit/-Credit)							-\$139.69	-\$2,416.04	-\$2,555.73
	-----	-----	-----	-----	-----	-----	-----	-----	-----
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$175,110.46	\$11,760.04	-\$2,416.04	\$184,454.46
TOTAL - ALL COSTS OF PURCHASED POWER	\$12,006.42	\$108,704.15	\$1,349.57	\$14,423.63	\$18,154.46	\$323,612.69	\$11,760.04	-\$82,416.04	\$1,192,319.89
								Verification Total ->	\$1,192,319.89
Purchased Power Resources - Cost per kWh->	\$0.018413	\$0.046634	\$0.076728	\$0.087000	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.081815
									(Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWH) = JV2 Electric Service Rate -> \$0.022959
									(Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWH) = JV5 Electric Service Rate -> \$0.022959

BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - SEPTEMBER, 2017															
SEPTEMBER, 2017															
2017 - AUGUST BILLING WITH JULY 2017 DATA BILLING UNITS															
Class and/or Schedule	Rate Code	Aug-17 # of Bills	Aug-17 (kWh Usage)	Aug-17 Billed	Billed kVa of Demand	Cost / kWh For Month	Prior 12 Mo Average	Sep-16 # of Bills	Sep-16 (kWh Usage)	Sep-16 Billed	Cost / kWh For Month	Oct-16 # of Bills	Oct-16 (kWh Usage)	Oct-16 Billed	Cost / kWh For Month
Residential (Dom-In)	E1	3,345	2,690,705	\$314,306.27	0	\$0.1168	\$0.1174	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	6,295	\$742.17	0	\$0.1179	\$0.1195	9	7,961	\$946.73	\$0.1189	9	6,928	\$806.87	\$0.1165
Residential (Dom-In - All Electric)	E2	600	430,173	\$50,625.88	0	\$0.1177	\$0.1159	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	624	\$74.21	0	\$0.1189	\$0.1189	1	1,026	\$121.06	\$0.1180	1	844	\$97.71	\$0.1158
Total Residential (Domestic)		3,955	3,127,797	\$365,748.53	0	\$0.1169	\$0.1171	3,957	3,967,264	\$468,479.79	\$0.1181	3,942	3,594,528	\$414,257.85	\$0.1152
Residential (Rural-Out)	ER1	776	809,279	\$98,658.70	0	\$0.1219	\$0.1230	760	984,416	\$122,587.50	\$0.1245	759	884,230	\$107,817.96	\$0.1219
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,850	\$364.95	0	\$0.1281	\$0.1272	4	3,422	\$440.00	\$0.1286	4	3,185	\$401.26	\$0.1260
Residential (Rural-Out - All Electric)	ER2	377	425,821	\$52,319.41	0	\$0.1229	\$0.1216	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	2,035	\$252.01	0	\$0.1238	\$0.1228	2	2,157	\$272.02	\$0.1261	2	1,724	\$215.45	\$0.1250
Residential (Rural-Out w/Dmd)	ER3	16	15,934	\$1,973.79	163	\$0.1239	\$0.1161	16	20,579	\$2,560.83	\$0.1244	16	19,261	\$2,341.81	\$0.1216
Residential (Rural-Out - All Electric w/Dmd)	ER4	9	7,593	\$955.60	64	\$0.1259	\$0.1205	9	9,466	\$1,195.61	\$0.1263	9	9,576	\$1,175.26	\$0.1227
Total Residential (Rural)		1,184	1,263,512	\$154,524.46	227	\$0.1223	\$0.1223	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	76	58,896	\$8,390.83	13	\$0.1425	\$0.1382	75	49,252	\$7,295.40	\$0.1481	74	52,027	\$7,461.56	\$0.1434
Commercial (1 Ph-Out - No Dmd)	EC2O	48	8,154	\$1,613.40	0	\$0.1979	\$0.1902	47	7,405	\$1,527.13	\$0.2062	45	8,002	\$1,552.94	\$0.1941
Total Commercial (1 Ph) No Dmd		124	67,050	\$10,004.23	13	\$0.1492	\$0.1454	122	56,657	\$8,822.53	\$0.1557	119	60,029	\$9,014.50	\$0.1502
Commercial (1 Ph-In - w/Demand)	EC1	258	347,281	\$50,323.85	2054	\$0.1449	\$0.1436	258	402,789	\$57,034.99	\$0.1416	258	460,502	\$62,668.02	\$0.1361
Commercial (1 Ph-Out - w/Demand)	EC1O	24	30,759	\$4,412.07	169	\$0.1434	\$0.1419	25	37,237	\$5,295.75	\$0.1422	25	38,742	\$5,266.86	\$0.1359
Total Commercial (1 Ph) w/Demand		282	378,040	\$54,735.92	2,223	\$0.1448	\$0.1434	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	\$41.09	6	\$1.0273	\$0.1391	2	40	\$41.20	\$1.0300	2	40	\$41.06	\$1.0265
Total Commercial (3 Ph) No Dmd		2	40	\$41.09	6	\$1.0273	\$0.1391	2	40	\$41.20	\$1.0300	2	40	\$41.06	\$1.0265
Commercial (3 Ph-In - w/Demand)	EC3	200	1,550,308	\$196,114.84	5424	\$0.1265	\$0.1259	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	38	262,736	\$34,248.95	1218	\$0.1304	\$0.1247	40	412,439	\$52,282.08	\$0.1268	38	415,582	\$51,509.04	\$0.1239
Commercial (3 Ph-Out - w/Dmd.&Sub-Station)	E3SO	3	115,600	\$13,912.96	494	\$0.1204	\$0.1178	3	145,680	\$17,795.85	\$0.1222	3	142,840	\$16,789.77	\$0.1175
Commercial (3 Ph-In - w/Demand, No Tax)	EC3T	1	3,320	\$464.87	22	\$0.1400	\$0.1291	1	4,800	\$637.44	\$0.1328	1	6,240	\$771.43	\$0.1236
Total Commercial (3 Ph) w/Demand		242	1,931,964	\$244,741.62	7,158	\$0.1267	\$0.1252	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	20	2,241,398	\$230,431.42	5117	\$0.1028	\$0.1023	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	1,106,992	\$104,791.60	2148	\$0.0947	\$0.0949	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	355,200	\$39,089.96	990	\$0.1101	\$0.0998	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	72,757	\$14,892.80	589	\$0.2047	\$0.1470	2	77,094	\$18,053.44	\$0.2342	2	75,674	\$13,439.88	\$0.1776
Total Large Power		26	3,776,347	\$389,205.78	8,844	\$0.1031	\$0.1008	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	1,058,217	\$93,929.97	1915	\$0.0888	\$0.0887	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	625,090	\$61,785.34	1515	\$0.0988	\$0.0879	1	1,067,043	\$94,185.61	\$0.0883	1	1,004,383	\$87,514.48	\$0.0871
Total Industrial		2	1,683,307	\$155,715.31	3,430	\$0.0925	\$0.0883	2	2,247,071	\$199,822.50	\$0.0889	2	2,144,675	\$187,411.78	\$0.0874
Interdepartmental (In - No Dmd)	ED1	9	51,101	\$6,163.94	183	\$0.1206	\$0.1172	8	91,948	\$10,692.83	\$0.1163	8	42,268	\$5,155.27	\$0.1220
Interdepartmental (Out - w/Dmd)	ED2O	2	472	\$84.14	0	\$0.1783	\$0.1857	2	924	\$144.21	\$0.1561	2	785	\$123.43	\$0.1572
Interdepartmental (In - w/Dmd)	ED2	27	22,367	\$3,169.47	0	\$0.1417	\$0.1342	27	26,097	\$3,716.02	\$0.1424	27	25,226	\$3,515.77	\$0.1394
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	195,150	\$23,572.78	811	\$0.1208	\$0.1162	11	165,579	\$20,410.43	\$0.1233	11	214,907	\$25,016.23	\$0.1164
Interdepartmental (Street Lights)	EDSL	7	62,879	\$5,848.05	0	\$0.0930	\$0.0926	7	62,879	\$5,849.08	\$0.0930	7	62,879	\$5,851.14	\$0.0931
Interdepartmental (Traffic Signals)	EDTS	9	1,575	\$145.62	0	\$0.0925	\$0.0925	9	1,582	\$146.25	\$0.0924	9	1,783	\$164.85	\$0.0925
Generators (JV2 Power Cost Only)	GJV2	1	16,988	\$380.02	62	\$0.0224	\$0.0000	1	13,740	\$151.14	\$0.0110	1	16,181	\$1,059.37	\$0.0655
Generators (JV5 Power Cost Only)	GJV5	1	12,382	\$276.99	20	\$0.0224	\$0.0000	1	11,827	\$130.10	\$0.0110	1	12,410	\$812.48	\$0.0655
Total Interdepartmental		67	362,914	\$39,641.01	1,076	\$0.1092	\$0.1086	66	374,576	\$41,240.06	\$0.1101	66	376,439	\$41,698.54	\$0.1108
SUB-TOTAL CONSUMPTION & DEMAND		5,884	12,590,971	\$1,414,357.95	22,977	\$0.1123	\$0.1101	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	13	0	\$13.28	0	\$0.0000	\$0.0000	16	0	\$12.99	\$0.0000	16	0	\$13.74	\$0.0000
Street Lights (Out)	SLOO	2	0	\$1.91	0	\$0.0000	\$0.0000	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000
Total Street Light Only		15	0	\$15.19	0	\$0.0000	\$0.0000	18	0	\$13.76	\$0.0000	18	0	\$14.51	\$0.0000
TOTAL CONSUMPTION & DEMAND		5,899	12,590,971	\$1,414,373.14	22,977	\$0.1123	\$0.1101	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																	
SEPTEMBER, 2017																	
2017 - AUGUST BILLING WITH JULY 2017 DATA																	
Class and/or Schedule	Rate Code	# of Bills	Nov-16 (kWh Usage)	Nov-16 Billed	Cost / kWh For Month	# of Bills	Dec-16 (kWh Usage)	Dec-16 Billed	Cost / kWh For Month	# of Bills	Jan-17 (kWh Usage)	Jan-17 Billed	Cost / kWh For Month	# of Bills	Feb-17 (kWh Usage)	Feb-17 Billed	Cost / kWh For Month
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
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
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
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
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
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
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
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
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
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
Residential (Rural-Out - All Electric w/Dmd)	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
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
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
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	\$1,882.58	\$0.1725	45	11,063	\$1,978.58	\$0.1788
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
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
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
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
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
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
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
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
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
Commercial (3 Ph-In - w/Demand, No Tax)	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
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
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
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	\$82,241.06	\$0.0953	3	865,077	\$87,292.90	\$0.1009
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
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
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
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	\$87,084.23	\$0.0891	1	847,132	\$84,562.83	\$0.0998
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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	11,920,590	\$1,284,205.55	\$0.1077	5,866	12,599,019	\$1,454,295.77	\$0.1154

BILLING SUMMARY AND CO

SEPTEMBER, 2017

2017 - AUGUST BILLING WITH JULY 2017 DATA

Class and/or Schedule	Rate Code	Mar-17 # of Bills	Mar-17 (kWh Usage)	Mar-17 Billed	Cost / kWh For Month	Apr-17 # of Bills	Apr-17 (kWh Usage)	Apr-17 Billed	Cost / kWh For Month	May-17 # of Bills	May-17 (kWh Usage)	May-17 Billed	Cost / kWh For Month	Jun-17 # of Bills	Jun-17 (kWh Usage)	Jun-17 Billed	Cost / kWh For Month	Jul-17 # of Bills	Jul-17 (kWh Usage)
Residential (Dom-In)	E1	3,332	2,252,555	\$276,197.70	\$0.1226	3,336	1,787,054	\$206,305.02	\$0.1154	3,326	1,930,645	\$223,878.51	\$0.1160	3,328	1,527,015	\$185,180.06	\$0.1213	3,328	1,980,449
Residential (Dom-In) w/Ecosmart	E1E	9	4,307	\$543.89	\$0.1263	9	3,670	\$436.45	\$0.1189	9	3,944	\$470.40	\$0.1193	9	3,267	\$407.28	\$0.1247	9	4,572
Residential (Dom-In - All Electric)	E2	605	698,429	\$83,055.76	\$0.1189	608	521,473	\$57,972.50	\$0.1112	603	527,673	\$59,328.08	\$0.1124	603	342,122	\$40,611.96	\$0.1187	603	359,740
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	515	\$64.57	\$0.1254	1	408	\$48.52	\$0.1189	1	403	\$48.54	\$0.1204	1	474	\$57.25	\$0.1208	1	527
Total Residential (Domestic)		3,947	2,955,806	\$359,861.92	\$0.1217	3,954	2,312,605	\$264,762.49	\$0.1145	3,939	2,462,665	\$283,725.53	\$0.1152	3,941	1,872,878	\$226,256.55	\$0.1208	3,941	2,345,288
Residential (Rural-Out)	ER1	763	843,115	\$107,464.06	\$0.1275	762	671,645	\$80,711.49	\$0.1202	762	691,521	\$83,875.65	\$0.1213	768	570,646	\$72,077.49	\$0.1263	775	682,505
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,660	\$355.22	\$0.1335	4	2,449	\$306.73	\$0.1252	4	2,393	\$303.91	\$0.1270	4	2,168	\$284.64	\$0.1313	4	2,644
Residential (Rural-Out - All Electric)	ER2	379	540,436	\$67,765.59	\$0.1254	380	433,094	\$50,945.44	\$0.1176	379	437,214	\$51,998.43	\$0.1189	380	336,298	\$41,751.02	\$0.1241	377	369,700
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	2,758	\$346.68	\$0.1257	2	2,181	\$257.53	\$0.1181	2	2,208	\$263.50	\$0.1193	2	1,599	\$200.43	\$0.1253	2	1,738
Residential (Rural-Out w/Dmd)	ER3	16	27,444	\$3,406.48	\$0.1241	16	27,151	\$3,112.43	\$0.1146	16	17,568	\$2,095.89	\$0.1193	16	20,548	\$2,476.25	\$0.1205	16	18,799
Residential (Rural-Out - All Electric w/Dmd)	ER4	9	10,770	\$1,365.56	\$0.1268	9	8,891	\$1,058.33	\$0.1190	9	7,954	\$967.16	\$0.1216	9	7,079	\$888.79	\$0.1256	9	6,901
Total Residential (Rural)		1,173	1,427,183	\$180,703.59	\$0.1266	1,173	1,145,411	\$136,391.95	\$0.1191	1,172	1,158,858	\$139,504.54	\$0.1204	1,179	938,338	\$117,678.62	\$0.1254	1,183	1,082,287
Commercial (1 Ph-In - No Dmd)	EC2	74	53,347	\$7,901.22	\$0.1481	75	44,744	\$6,356.34	\$0.1421	75	49,612	\$7,017.27	\$0.1414	75	43,400	\$6,362.85	\$0.1466	76	51,306
Commercial (1 Ph-Out - No Dmd)	EC2O	45	9,606	\$1,804.54	\$0.1879	45	8,224	\$1,544.36	\$0.1878	45	7,962	\$1,523.23	\$0.1913	45	6,560	\$1,367.13	\$0.2084	45	7,585
Total Commercial (1 Ph) No Dmd		119	62,953	\$9,705.76	\$0.1542	120	52,968	\$7,900.70	\$0.1492	120	57,574	\$8,540.50	\$0.1483	120	49,960	\$7,729.98	\$0.1547	121	58,891
Commercial (1 Ph-In - w/Demand)	EC1	256	321,809	\$47,358.58	\$0.1472	257	277,332	\$39,713.45	\$0.1432	256	304,663	\$43,027.24	\$0.1412	256	268,763	\$40,193.38	\$0.1495	257	292,211
Commercial (1 Ph-Out - w/Demand)	EC1O	26	32,531	\$4,737.46	\$0.1456	26	29,327	\$4,037.97	\$0.1377	26	32,998	\$4,512.13	\$0.1367	26	27,175	\$3,967.06	\$0.1460	26	27,624
Total Commercial (1 Ph) w/Demand		282	354,340	\$52,096.04	\$0.1470	283	306,659	\$43,751.42	\$0.1427	282	337,661	\$47,539.37	\$0.1408	282	295,938	\$44,160.44	\$0.1492	283	319,835
Commercial (3 Ph-Out - No Dmd)	EC4O	2	320	\$78.10	\$0.2441	2	160	\$55.52	\$0.3470	2	200	\$60.68	\$0.3034	2	40	\$41.04	\$1.0260	2	40
Total Commercial (3 Ph) No Dmd		2	320	\$78.10	\$0.2441	2	160	\$55.52	\$0.3470	2	200	\$60.68	\$0.3034	2	40	\$41.04	\$1.0260	2	40
Commercial (3 Ph-In - w/Demand)	EC3	203	1,403,998	\$182,636.69	\$0.1301	202	1,289,727	\$157,879.99	\$0.1224	202	1,223,048	\$153,154.36	\$0.1252	202	1,271,587	\$161,852.65	\$0.1273	202	1,350,746
Commercial (3 Ph-Out - w/Demand)	EC3O	38	343,866	\$44,728.25	\$0.1301	38	302,041	\$37,066.58	\$0.1227	38	289,144	\$36,150.35	\$0.1250	38	257,890	\$33,508.33	\$0.1299	38	260,438
Commercial (3 Ph-Out - w/Dmd.&Sub-St)	E3SO	3	122,800	\$15,112.45	\$0.1231	3	115,480	\$13,160.31	\$0.1140	3	116,920	\$13,644.18	\$0.1167	3	103,680	\$12,477.42	\$0.1203	3	108,920
Commercial (3 Ph-In - w/Demand, No Tax)	EC3T	1	2,120	\$279.19	\$0.1317	1	2,000	\$243.21	\$0.1216	1	1,760	\$221.06	\$0.1256	1	1,840	\$233.64	\$0.1270	1	1,600
Total Commercial (3 Ph) w/Demand		245	1,872,784	\$242,756.58	\$0.1296	244	1,709,248	\$208,350.09	\$0.1219	244	1,630,872	\$203,169.95	\$0.1246	244	1,634,997	\$208,072.04	\$0.1273	244	1,721,704
Large Power (In - w/Dmd & Rct)	EL1	20	2,001,747	\$209,227.25	\$0.1045	20	1,940,943	\$198,976.27	\$0.1025	20	2,099,798	\$212,872.23	\$0.1014	20	2,037,358	\$213,321.76	\$0.1047	20	2,242,947
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	944,738	\$93,494.69	\$0.0990	3	850,735	\$82,907.22	\$0.0975	3	1,057,187	\$97,245.54	\$0.0920	3	1,065,741	\$100,329.11	\$0.0941	3	1,149,393
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	418,800	\$42,960.40	\$0.1026	1	396,000	\$37,297.21	\$0.0942	1	430,800	\$41,237.24	\$0.0957	1	368,400	\$39,487.89	\$0.1072	1	390,000
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	88,446	\$9,975.60	\$0.1128	2	74,895	\$6,902.43	\$0.0922	2	75,639	\$6,907.09	\$0.0913	2	75,664	\$7,986.26	\$0.1055	2	78,979
Total Large Power		26	3,453,731	\$355,657.94	\$0.1030	26	3,262,573	\$326,083.13	\$0.0999	26	3,663,424	\$358,262.10	\$0.0978	26	3,547,163	\$361,125.02	\$0.1018	26	3,861,319
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,057,395	\$101,258.49	\$0.0958	1	971,093	\$85,014.91	\$0.0875	1	1,029,587	\$88,714.06	\$0.0862	1	1,071,317	\$92,026.12	\$0.0859	1	1,113,076
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	885,784	\$82,030.37	\$0.0926	1	721,823	\$64,225.48	\$0.0890	1	1,020,333	\$82,946.17	\$0.0813	1	1,050,109	\$87,223.59	\$0.0831	1	853,048
Total Industrial		2	1,943,179	\$183,288.86	\$0.0943	2	1,692,916	\$149,240.39	\$0.0882	2	2,049,920	\$171,660.23	\$0.0837	2	2,121,426	\$179,249.71	\$0.0845	2	1,966,124
Interdepartmental (In - No Dmd)	ED1	7	53,690	\$6,335.78	\$0.1180	7	41,616	\$4,731.78	\$0.1137	8	40,216	\$4,597.85	\$0.1143	8	28,258	\$3,502.62	\$0.1240	8	45,844
Interdepartmental (Out - w/Dmd)	ED2O	2	181	\$47.96	\$0.2650	2	189	\$47.21	\$0.2498	2	457	\$80.53	\$0.1762	2	364	\$69.99	\$0.1923	2	395
Interdepartmental (In - w/Dmd)	ED2	26	63,564	\$8,662.49	\$0.1363	26	53,381	\$6,816.66	\$0.1277	26	37,834	\$4,978.74	\$0.1316	26	24,344	\$3,380.02	\$0.1388	30	23,479
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	268,425	\$32,187.48	\$0.1199	11	219,570	\$24,221.35	\$0.1103	11	249,137	\$28,194.01	\$0.1132	11	198,736	\$23,854.96	\$0.1200	11	196,172
Interdepartmental (Street Lights)	EDSL	7	62,879	\$5,844.53	\$0.0929	7	62,879	\$5,851.60	\$0.0931	7	62,879	\$5,850.15	\$0.0930	7	62,879	\$5,830.15	\$0.0927	7	62,879
Interdepartmental (Traffic Signals)	EDTS	9	1,807	\$167.06	\$0.0925	9	1,584	\$146.45	\$0.0925	9	1,705	\$157.65	\$0.0925	9	1,543	\$142.67	\$0.0925	9	1,679
Generators (JV2 Power Cost Only)	GJV2	1	27,990	\$2,925.23	\$0.1045	1	24,961	\$282.56	\$0.0113	1	22,451	\$710.35	\$0.0316	1	19,326	\$570.31	\$0.0295	1	18,698
Generators (JV5 Power Cost Only)	GJV5	1	15,457	\$1,615.41	\$0.1045	1	13,985	\$158.31	\$0.0113	1	13,779	\$435.97	\$0.0316	1	12,735	\$375.81	\$0.0295	1	12,861
Total Interdepartmental		64	493,993	\$57,785.94	\$0.1170	64	418,165	\$42,255.92	\$0.1011	65	428,458	\$45,005.25	\$0.1050	65	348,185	\$37,726.53	\$0.1084	69	362,007
SUB-TOTAL CONSUMPTION & DEMAND		5,860	12,564,289	\$1,441,934.73	\$0.1148	5,868	10,900,705	\$1,178,791.61	\$0.1081	5,852	11,789,632	\$1,257,468.15	\$0.1067	5,861	10,808,925	\$1,182,039.93	\$0.1094	5,871	11,717,495
Street Lights (In)		14	0	\$13.44	\$0.0000	14	0	\$13.44	\$0.0000	14	0	\$13.43	\$0.0000	14	0	\$13.44	\$0.0000	14	0
Street Lights (Out)		2	0	\$1.92	\$0.0000	2	0	\$1.92	\$0.0000	2	0	\$1.91	\$0.0000	2	0	\$1.91	\$0.0000	2	0
Total Street Light Only		16	0	\$15.36	\$0.0000	16	0	\$15.36	\$0.0000	16	0	\$15.34	\$0.0000	16	0	\$15.35	\$0.0000	16	0
TOTAL CONSUMPTION & DEMAND		5,876	12,564,289	\$1,441,950.09	\$0.1148	5,884	10,900,705	\$1,178,806.97	\$0.1081	5,868	11,789,632	\$1,257,483.49	\$0.1067	5,877	10,808,925	\$1,182,055.28	\$0.1094	5,887	11,717,495

BILLING SUMMARY AND CO												
SEPTEMBER, 2017												
2017 - AUGUST BILLING WITH JULY 2017 DATA												
Class and/or Schedule	Rate Code	Jul-17 Billed	Cost / kWh For Month	Aug-17 # of Bills	Aug-17 (kWh Usage)	Aug-17 Billed	Cost / kWh For Month	TOTAL KWH USEAGE PRIOR 12 MO	TOTAL BILLING PRIOR 12 MO	Avg.Cost Per kWh For Period	Avg.Num. of Bills For Period	Avg.Per.% of Bills For Period
Residential (Dom-In)	E1	\$238,020.38	\$0.1202	3,345	2,690,705	\$314,306.27	\$0.1168	27,027,153	\$3,172,360.74	\$0.1174	3,330	56.6254%
Residential (Dom-In) w/Ecosmart	E1E	\$557.24	\$0.1219	9	6,295	\$742.17	\$0.1179	58,668	\$7,010.32	\$0.1195	9	0.1531%
Residential (Dom-In - All Electric)	E2	\$43,212.04	\$0.1201	600	430,173	\$50,625.88	\$0.1177	5,918,280	\$685,851.35	\$0.1159	607	10.3143%
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	\$64.01	\$0.1215	1	624	\$74.21	\$0.1189	6,943	\$825.23	\$0.1189	1	0.0170%
Total Residential (Domestic)		\$281,853.67	\$0.1202	3,955	3,127,797	\$365,748.53	\$0.1169	33,011,044	\$3,866,047.64	\$0.1171	3,946	67.1098%
Residential (Rural-Out)	ER1	\$86,077.05	\$0.1261	776	809,279	\$98,658.70	\$0.1219	9,127,292	\$1,122,448.23	\$0.1230	764	12.9886%
Residential (Rural-Out) w/Ecosmart	ER1E	\$343.42	\$0.1299	4	2,850	\$364.95	\$0.1281	33,831	\$4,303.89	\$0.1272	4	0.0680%
Residential (Rural-Out - All Electric)	ER2	\$46,197.65	\$0.1250	377	425,821	\$52,319.41	\$0.1229	5,355,048	\$650,974.86	\$0.1216	380	6.4638%
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	\$219.44	\$0.1263	2	2,035	\$252.01	\$0.1238	24,848	\$3,051.47	\$0.1228	2	0.0340%
Residential (Rural-Out w/Dmd)	ER3	\$2,316.15	\$0.1232	16	15,934	\$1,973.79	\$0.1239	412,874	\$47,944.37	\$0.1161	16	0.2721%
Residential (Rural-Out - All Electric w/Dmd)	ER4	\$881.97	\$0.1278	9	7,593	\$955.60	\$0.1259	129,513	\$15,609.05	\$0.1205	9	0.1531%
Total Residential (Rural)		\$136,035.68	\$0.1257	1,184	1,263,512	\$154,524.46	\$0.1223	15,083,406	\$1,844,331.87	\$0.1223	1,175	19.9796%
Commercial (1 Ph-In - No Dmd)	EC2	\$7,466.00	\$0.1455	76	58,896	\$8,390.83	\$0.1425	628,148	\$86,804.21	\$0.1382	75	1.2712%
Commercial (1 Ph-Out - No Dmd)	EC2O	\$1,510.65	\$0.1992	48	8,154	\$1,613.40	\$0.1979	101,781	\$19,362.53	\$0.1902	45	0.7724%
Total Commercial (1 Ph) No Dmd		\$8,976.65	\$0.1524	124	67,050	\$10,004.23	\$0.1492	729,929	\$106,166.74	\$0.1454	120	2.0436%
Commercial (1 Ph-In - w/Demand)	EC1	\$43,735.16	\$0.1497	258	347,281	\$50,323.85	\$0.1449	3,895,773	\$559,351.05	\$0.1436	257	4.3692%
Commercial (1 Ph-Out - w/Demand)	EC1O	\$4,113.22	\$0.1489	24	30,759	\$4,412.07	\$0.1434	377,239	\$53,533.58	\$0.1419	25	0.4308%
Total Commercial (1 Ph) w/Demand		\$47,848.38	\$0.1496	282	378,040	\$54,735.92	\$0.1448	4,273,012	\$612,884.63	\$0.1434	282	4.8000%
Commercial (3 Ph-Out - No Dmd)	EC4O	\$41.12	\$1.0280	2	40	\$41.09	\$1.0273	30,800	\$4,284.76	\$0.1391	2	0.0340%
Total Commercial (3 Ph) No Dmd		\$41.12	\$1.0280	2	40	\$41.09	\$1.0273	30,800	\$4,284.76	\$0.1391	2	0.0340%
Commercial (3 Ph-In - w/Demand)	EC3	\$174,664.25	\$0.1293	200	1,550,308	\$196,114.84	\$0.1265	17,347,524	\$2,184,532.47	\$0.1259	202	3.4296%
Commercial (3 Ph-Out - w/Demand)	EC3O	\$34,815.03	\$0.1337	38	262,736	\$34,248.95	\$0.1304	4,276,025	\$533,162.75	\$0.1247	38	0.6491%
Commercial (3 Ph-Out - w/Dmd.&Sub-Station)	E3SO	\$13,286.48	\$0.1220	3	115,600	\$13,912.96	\$0.1204	1,501,200	\$176,866.83	\$0.1178	3	0.0510%
Commercial (3 Ph-In - w/Demand, No Tax)	EC3T	\$210.68	\$0.1317	1	3,320	\$464.87	\$0.1400	36,520	\$4,714.14	\$0.1291	1	0.0170%
Total Commercial (3 Ph) w/Demand		\$222,976.44	\$0.1295	242	1,931,964	\$244,741.62	\$0.1267	23,161,269	\$2,899,276.19	\$0.1252	244	4.1467%
Large Power (In - w/Dmd & Rct)	EL1	\$235,908.53	\$0.1052	20	2,241,398	\$230,431.42	\$0.1028	26,603,346	\$2,721,069.23	\$0.1023	20	0.3430%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	\$108,730.64	\$0.0946	3	1,106,992	\$104,791.60	\$0.0947	11,874,580	\$1,126,748.20	\$0.0949	3	0.0510%
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	\$42,155.92	\$0.1081	1	355,200	\$39,089.96	\$0.1101	4,996,800	\$498,730.78	\$0.0998	1	0.0170%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	\$16,650.41	\$0.2108	2	72,757	\$14,892.80	\$0.2047	814,119	\$119,701.01	\$0.1470	2	0.0340%
Total Large Power		\$403,445.50	\$0.1045	26	3,776,347	\$389,205.78	\$0.1031	44,288,845	\$4,466,249.22	\$0.1008	26	0.4450%
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	\$98,777.47	\$0.0887	1	1,058,217	\$93,929.97	\$0.0888	12,591,741	\$1,116,509.57	\$0.0887	1	0.0170%
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	\$76,890.72	\$0.0901	1	625,090	\$61,785.34	\$0.0988	10,803,560	\$949,703.12	\$0.0879	1	0.0170%
Total Industrial		\$175,668.19	\$0.0893	2	1,683,307	\$155,715.31	\$0.0925	23,395,301	\$2,066,212.69	\$0.0883	2	0.0340%
Interdepartmental (In - No Dmd)	ED1	\$5,614.36	\$0.1225	9	51,101	\$6,163.94	\$0.1206	569,834	\$66,798.70	\$0.1172	8	0.1332%
Interdepartmental (Out - w/Dmd)	ED2O	\$74.66	\$0.1890	2	472	\$84.14	\$0.1783	4,873	\$904.88	\$0.1857	2	0.0340%
Interdepartmental (In - w/Dmd)	ED2	\$3,364.78	\$0.1433	27	22,367	\$3,169.47	\$0.1417	475,070	\$63,756.59	\$0.1342	27	0.4620%
Interdepartmental (3Ph-In - w/Dmd)	ED3	\$23,322.47	\$0.1189	11	195,150	\$23,572.78	\$0.1208	2,641,507	\$307,051.99	\$0.1162	11	0.1871%
Interdepartmental (Street Lights)	EDSL	\$5,850.15	\$0.0930	7	62,879	\$5,848.05	\$0.0930	754,548	\$69,857.94	\$0.0926	7	0.1190%
Interdepartmental (Traffic Signals)	EDTS	\$155.24	\$0.0925	9	1,575	\$145.62	\$0.0925	20,449	\$1,890.65	\$0.0925	9	0.1531%
Generators (JV2 Power Cost Only)	GJV2	\$-412.29	\$-0.0220	1	16,988	\$380.02	\$0.0224	251,290	\$12,173.80	\$0.0484	1	0.0170%
Generators (JV5 Power Cost Only)	GJV5	\$-283.59	\$-0.0221	1	12,382	\$276.99	\$0.0224	163,219	\$7,684.58	\$0.0471	1	0.0170%
Total Interdepartmental		\$37,685.78	\$0.1041	67	362,914	\$39,641.01	\$0.1092	4,880,790	\$530,119.13	\$0.1086	66	1.1224%
SUB-TOTAL CONSUMPTION & DEMAND		\$1,314,531.41	\$0.1122	5,884	12,590,971	\$1,414,357.95	\$0.1123	148,854,396	\$16,395,572.87	\$0.1101	5,863	99.7151%
Street Lights (In)	SLO	\$13.44	\$0.0000	13	0	\$13.28	\$0.0000	0	\$161.84	\$0.0000	15	0.2508%
Street Lights (Out)	SLOO	\$1.92	\$0.0000	2	0	\$1.91	\$0.0000	0	\$18.39	\$0.0000	2	0.0340%
Total Street Light Only		\$15.36	\$0.0000	15	0	\$15.19	\$0.0000	0	\$180.23	\$0.0000	17	0.2849%
TOTAL CONSUMPTION & DEMAND		\$1,314,546.77	\$0.1122	5,899	12,590,971	\$1,414,373.14	\$0.1123	148,854,396	\$16,395,753.10	\$0.1101	5,880	100.0000%



AMERICAN MUNICIPAL POWER, INC.

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: 199250

INVOICE DATE: 8/14/2017

DUE DATE: 8/29/2017

TOTAL AMOUNT DUE: \$1,053,108.73

CUSTOMER NUMBER: 5020

CUSTOMER P.O. #: RG10046

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

Northern Power Pool Billing - July, 2017

MUNICIPAL PEAK: 30,579 kW
TOTAL METERED ENERGY: 14,610,588 kWh

Total Power Charges:	\$800,152.04
Total Transmission Charges:	\$323,612.69
Total Other Charges:	\$11,760.04
Total Miscellaneous Charges:	-\$82,416.04

GRAND TOTAL POWER INVOICE:

\$1,053,108.73

DETAIL INFORMATION OF POWER CHARGES July, 2017

Napoleon

FOR THE MONTH OF:

July, 2017

Total Metered Load kWh:	14,610,588
Transmission Losses kWh:	-37,242
Distribution Losses kWh:	0
Total Energy Req. kWh:	14,573,346

TIME OF FENTS PEAK: 07/19/2017 @ H.E. 16:00
 TIME OF MUNICIPAL PEAK: 07/19/2017 @ H.E. 18:00
 TRANSMISSION PEAK: August, 2016

COINCIDENT PEAK kW:	29,687
MUNICIPAL PEAK kW:	30,579
TRANSMISSION PEAK kW:	31,968
PJM Capacity Requirement kW:	30,922

Napoleon Resources

AMP CT - Sched @ ATSI

Demand Charge:	\$2.550000 / kW *	12,400 kW =	\$31,620.00
Energy Charge:	\$0.090550 / kWh *	299,558 kWh =	\$27,124.94
Transmission Credit:	\$2.524136 / kW *	-12,400 kW =	-\$31,299.29
Capacity Credit:	\$3.806549 / kW *	-12,400 kW =	-\$47,201.21
Subtotal	-\$0.065949 / kWh *	299,558 kWh =	-\$19,755.56

Fremont - sched @ Fremont

Demand Charge:	\$3.963630 / kW *	8,767 kW =	\$34,749.14
Energy Charge:	\$0.029663 / kWh *	3,338,472 kWh =	\$99,028.68
Net Congestion, Losses, FTR:	\$0.003145 / kWh *		\$10,497.92
Capacity Credit:	\$3.450569 / kW *	-8,767 kW =	-\$30,251.14
Debt Service	\$5.052094 / kW	8,767 kW	\$44,291.71
Adjustment for prior month:			-\$223.43
Subtotal	\$0.047355 / kWh *	3,338,472 kWh =	\$158,092.88

AMP Hydro CSW - Sched @ PJMC

Demand Charge:	\$3.430000 / kW *	2,454 kW =	\$8,415.57
Energy Charge:	\$0.000143 / kWh *	1,600,593 kWh =	\$229.12
Net Congestion, Losses, FTR:	\$0.001562 / kWh *		\$2,500.04
Capacity Credit:	\$1.169806 / kW *	-2,454 kW =	-\$2,870.14
Debt Service	\$60.830001 / kW	2,454 kW	\$149,247.54
Board Approved Rate Levelization			\$72,630.27
REC Credit (Estimate)			-\$3,201.19
Subtotal	\$0.141792 / kWh *	1,600,593 kWh =	\$226,951.21

Meldahl Hydro - Sched @ Meldahl Bus

Demand Charge:	\$4.230000 / kW *	504 kW =	\$2,131.92
Energy Charge:	\$0.000103 / kWh *	299,360 kWh =	\$30.72
Net Congestion, Losses, FTR:	\$0.001156 / kWh *		\$346.11
Capacity Credit:	\$3.715139 / kW *	-504 kW =	-\$1,872.43
Debt Service	\$34.810000 / kW	504 kW	\$17,544.24
Board Approved Rate Levelization			\$6,952.52
REC Credit (Estimate)			-\$598.72
Subtotal	\$0.081956 / kWh *	299,360 kWh =	\$24,534.36

JV6 - Sched @ ATSI

Demand Charge:		300 kW	
Energy Charge:		17,589 kWh	
Transmission Credit:	\$0.255000 / kW *	-300 kW =	-\$76.50
Capacity Credit:	\$0.397767 / kW *	-300 kW =	-\$119.33
Subtotal	-\$0.011134 / kWh *	17,589 kWh =	-\$195.83

Greenup Hydro - Sched @ Greenup Bus

Demand Charge:	\$7.110000 / kW *	330 kW =	\$2,346.30
Energy Charge:	\$0.001512 / kWh *	158,002 kWh =	\$238.93
Net Congestion, Losses, FTR:	\$0.000827 / kWh *		\$130.69
Capacity Credit:	\$3.249545 / kW *	-330 kW =	-\$1,072.35
Debt Service	\$17.110000 / kW	330 kW	\$5,646.30
Board Approved Rate Levelization			\$3,439.58
REC Credit (Estimate)			-\$316.00
Subtotal	\$0.065907 / kWh *	158,002 kWh =	\$10,413.45

Prairie State - Sched @ PJMC

Demand Charge:	\$11.428511 / kW *	4,976 kW =	\$56,868.27
Energy Charge:	\$0.012156 / kWh *	3,580,173 kWh =	\$43,518.95
Net Congestion, Losses, FTR:	\$0.001472 / kWh *		\$5,269.83
Capacity Credit:	\$3.322383 / kW *	-4,976 kW =	-\$16,532.18
Debt Service	\$19.941489 / kW	4,976 kW	\$99,228.85
Transmission from PSEC to PJM/MISO, including non-Prairie State variable charges/credits	\$0.009006 / kWh	3,580,173 kWh	\$32,244.46
Board Approved Rate Levelization			\$9,122.46
Subtotal	\$0.064165 / kWh *	3,580,173 kWh =	\$229,720.64

NYPA - Sched @ NYIS

Demand Charge:	\$6.770305 / kW *	917 kW =	\$6,208.37
Energy Charge:	\$0.012231 / kWh *	652,073 kWh =	\$7,975.67
Net Congestion, Losses, FTR:	\$0.001803 / kWh *		\$1,176.00
Capacity Credit:	\$4.610000 / kW *	-935 kW =	-\$4,310.35
Adjustment for prior month:			\$956.73
Subtotal	\$0.018413 / kWh *	652,073 kWh =	\$12,006.42

JV5 - 7X24 @ ATSI

Demand Charge:		3,088 kW	
Energy Charge:		2,297,472 kWh	
Transmission Credit:	\$4.422348 / kW *	-3,088 kW =	-\$13,656.21
Capacity Credit:	\$4.672354 / kW *	-3,088 kW =	-\$14,428.23
Subtotal	-\$0.012224 / kWh *	2,297,472 kWh =	-\$28,084.44

JV5 Losses - Sched @ ATSI

Energy Charge:		33,544 kWh	
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DETAIL INFORMATION OF POWER CHARGES July , 2017

Napoleon

	Subtotal	#N/A	/ kWh *	33,544 kWh =	\$0.00
JV2 - Sched @ ATSI					
Demand Charge:				264 kW	
Energy Charge:	\$0.046495	/ kWh *		4,252 kWh =	\$197.70
Transmission Credit:	\$3.338864	/ kWh *		-264 kW =	-\$881.46
Capacity Credit:	\$5.339924	/ kWh *		-264 kW =	-\$1,409.74
	Subtotal	-\$0.492352	/ kWh *	4,252 kWh =	-\$2,093.50
AMP Solar Phase I - Sched @ ATSI					
Demand Charge:				1,040 kW	
Energy Charge:	\$0.087000	/ kWh *		165,789 kWh =	\$14,423.63
	Subtotal	\$0.087000	/ kWh *	165,789 kWh =	\$14,423.63
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:	\$0.000373	/ kWh *			\$1,053.96
	Subtotal	\$0.063323	/ kWh *	2,827,200 kWh =	\$179,026.20
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)	\$0.041640	/ kWh *		220,205 kWh =	\$9,169.44
Off Peak Energy Charge:	\$0.023341	/ kWh *		302,872 kWh =	\$7,069.20
Sale of Excess Non-Pool Resources to Pool	\$0.032097	/ kWh *		-1,223,808 kWh =	-\$39,280.52
	Subtotal	\$0.032883	/ kWh *	-700,731 kWh =	-\$23,041.88
Total Demand Charges:					\$292,317.65
Total Energy Charges:					\$507,834.39
Total Power Charges:				14,573,346 kWh	\$800,152.04
TRANSMISSION CHARGES:					
Demand Charge:	\$4.422347	/ kWh *		31,968 kW =	\$141,373.60
Energy Charge:	\$0.000581	/ kWh *		12,275,874 kWh =	\$7,128.63
RPM (Capacity) Charges:	\$5.662900	/ kWh *		30,922 kW =	\$175,110.46
TOTAL TRANSMISSION CHARGES:	\$0.026362	/ kWh *		12,275,874 kWh =	\$323,612.69
Dispatch Center Charges:	\$0.000033	/ kWh *		14,610,588 kWh =	\$479.32
Service Fee Part A,					
Based on Annual Municipal Sales	\$0.000229	/ kWh *		154,389,743 kWh 1/12 =	\$2,946.27
SF A adjustment for January-June 2017					-\$139.69
Service Fee Part B,					
Energy Purchases	\$0.000580	/ kWh *		14,610,588 kWh =	\$8,474.14
TOTAL OTHER CHARGES:					\$11,760.04
MISCELLANEOUS CHARGES:					
Deposit / (Withdraw) from RSF account					-\$80,000.00
Credit for PJM capacity revenues generated by Efficiency Smart projects					-\$2,416.04
TOTAL MISCELLANEOUS CHARGES:					-\$82,416.04
GRAND TOTAL POWER INVOICE:					\$1,053,108.73

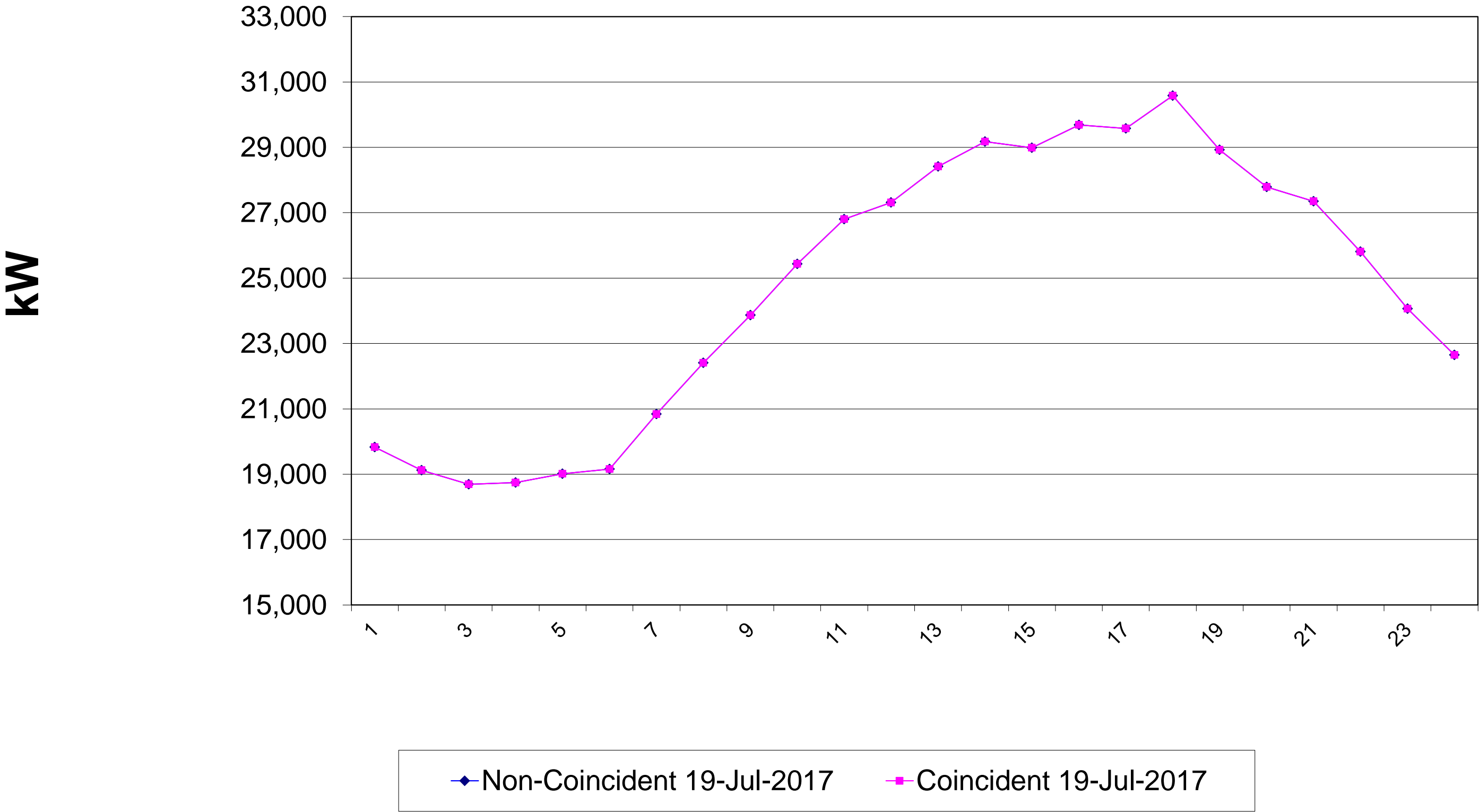
Napoleon Capacity Plan - Actual															
Jul	2017	ACTUAL DEMAND =			30.58	MW									
Days	31	ACTUAL ENERGY =			14,611	MWH									
	SOURCE	DEMAND	DEMAND	ENERGY	LOAD	DEMAND	ENERGY	CONGESTION/L	CAPACITY	TRANSMISSION				EFFECTIVE	%
	(1)	MW	MW-MO	MWH	FACTOR	RATE	RATE	OSSES	CREDIT RATE	CREDIT RATE	DEMAND	ENERGY	TOTAL	RATE	OF
		(2)	(3)	(4)	(5)	\$/KW	\$/MWH	\$/MWH	\$/KW	\$/KW	CHARGE	CHARGE	CHARGES	\$/MWH	DOLLARS
						(6)	(7)	(8)	(9)	(10)	(11)	(12)	(16)	(17)	(18)
1	NYPA - Ohio	0.92	0.92	652	96%	\$6.77	\$13.70	\$1.80	-\$4.70		\$6,208	\$8,932	\$12,006	\$18.41	0.9%
2	JV5	3.09	3.09	2,297	100%	\$31.49	\$17.22		-\$4.67	-\$4.42	\$97,235	\$39,554	\$108,704	\$47.31	8.6%
3	JV5 Losses	0.00	0.00	34	0%						\$0	\$0	\$0		0.0%
4	JV6	0.30	0.30	18	8%	\$5.15			-\$0.26	-\$0.40	\$1,545	\$0	\$1,350	\$76.73	0.1%
5	AMP-Hydro	2.45	2.45	1,601	88%	\$93.86	-\$1.86	\$1.56	-\$1.17		\$230,293	-\$2,972	\$226,951	\$141.79	17.9%
6	Meldahl	0.50	0.50	299	80%	\$52.83	-\$1.90	\$1.16	-\$3.72		\$26,629	-\$568	\$24,534	\$81.96	1.9%
7	Greenup	0.33	0.33	158	64%	\$34.64	-\$0.49	\$0.83	-\$3.25		\$11,432	-\$77	\$10,413	\$65.91	0.8%
8	AFEC	8.77	8.77	3,338	51%	\$9.02	\$29.60	\$3.14	-\$3.45		\$79,041	\$98,805	\$158,093	\$47.35	12.5%
9	Prairie State	4.98	4.98	3,580	97%	\$33.20	\$21.16	\$1.47	-\$3.32		\$165,220	\$75,763	\$229,721	\$64.16	18.1%
10	AMP Solar Phase I	1.04	1.04	166	21%		\$87.00				\$0	\$14,424	\$14,424	\$87.00	1.1%
11	Morgan Stanley 2015-20 7x24	3.80	3.80	2,827	100%		\$62.95	\$0.37			\$0	\$177,972	\$179,026	\$63.32	14.1%
12	AMPCT	12.40	12.40	300	3%	\$2.55	\$90.55		-\$3.81	-\$2.52	\$31,620	\$27,125	-\$19,756	-\$65.95	-1.6%
13	JV2	0.26	0.26	4	2%	\$3.32	\$46.50		-\$5.34	-\$3.34	\$877	\$198	-\$1,216		-0.1%
14	NPP Pool Purchases	0.00	0.00	523	0%		\$31.04				\$0	\$16,239	\$16,239	\$31.04	1.3%
15	NPP Pool Sales	0.00		-1,224	0%		\$32.10				\$0	-\$39,281	-\$39,281	\$32.10	-3.1%
	POWER TOTAL	38.84	38.84	14,573	50%	\$650,100	\$416,115	\$1.44	-\$120,024	-\$45,956	\$650,100	\$416,115	\$921,209	\$63.21	72.6%
16	Energy Efficiency			0							-\$2,416	\$18,154	\$15,738		1.2%
17	Installed Capacity	30.92	30.92			\$5.66					\$175,110	\$0	\$175,110	\$11.99	13.8%
18	Transmission	31.97	31.97	12,276		\$4.42	\$0.58				\$141,374	\$7,129	\$148,502	\$10.16	11.7%
19	Service Fee B			14,611			\$0.58					\$8,474	\$8,474	\$0.58	0.7%
20	Dispatch Charge			14,611			\$0.03					\$479	\$479	\$0.03	0.0%
	OTHER TOTAL					\$314,068	\$34,237				\$314,068	\$34,237	\$348,305	\$23.84	27.4%
GRAND TOTAL PURCHASED				14,573							\$964,168	\$450,351	\$1,269,513		
Delivered to members		30.579	30.579	14,611	64%						\$964,168	\$450,351	\$1,269,513	\$86.89	100.0%
		DEMAND		ENERGY	L.F.								TOTAL \$	\$/MWh	Avg Temp
	2017 Forecast	32.26		15,423	64%								\$1,344,134	\$87.15	73.5
	2016 Actual	35.90		14,921	56%								\$1,167,580	\$78.25	74.9
	2015 Actual	31.62		15,117	64%								\$1,045,634	\$69.17	73.0
													Actual Temp		72.3

NAPOLEON

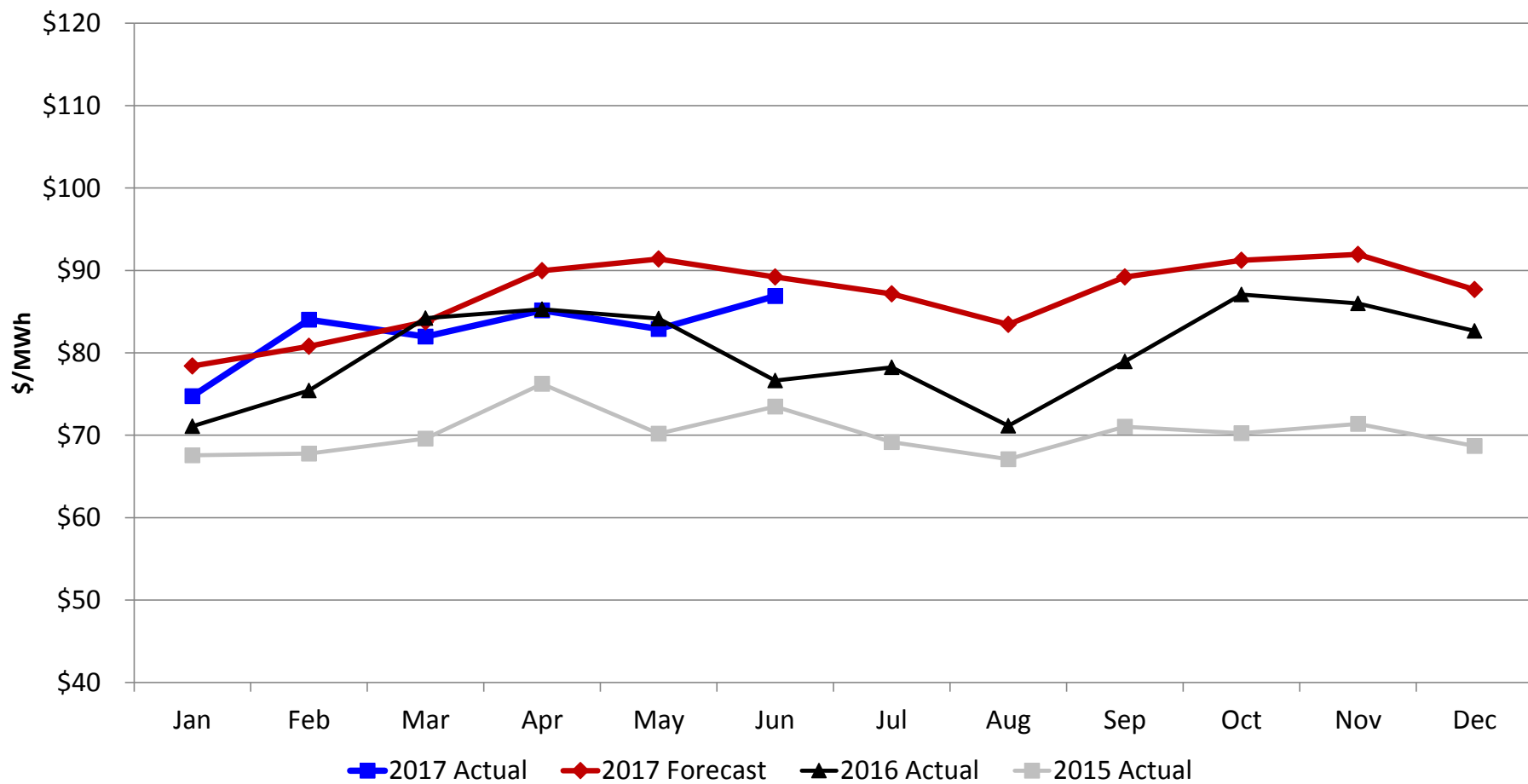
	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date	7/1/2017	7/2/2017	7/3/2017	7/4/2017	7/5/2017	7/6/2017	7/7/2017	7/8/2017	7/9/2017	7/10/2017	7/11/2017	7/12/2017	7/13/2017	7/14/2017	7/15/2017
Hour															
100	14,353	13,207	13,805	13,259	13,165	15,538	16,819	13,978	12,952	15,958	17,410	19,003	19,467	18,446	14,540
200	14,012	12,467	13,135	12,449	12,608	15,084	16,457	13,573	12,340	15,921	16,978	18,362	18,998	17,951	13,891
300	13,647	12,005	12,902	12,041	12,345	14,686	16,125	13,091	11,824	15,804	16,541	18,291	18,622	17,320	13,420
400	13,686	11,784	13,033	12,012	12,528	14,814	16,154	13,212	11,716	16,201	16,725	18,297	18,893	17,116	13,303
500	13,895	11,692	13,024	11,984	13,145	15,401	16,664	13,291	11,792	16,823	17,190	19,012	19,543	17,401	13,426
600	13,858	11,306	13,172	11,880	13,626	15,916	17,121	13,115	11,507	17,885	18,065	19,713	20,398	18,101	13,283
700	14,502	12,232	14,014	12,153	15,245	17,474	17,954	13,933	11,978	19,003	19,930	21,049	21,507	19,773	14,090
800	14,975	13,417	15,499	13,361	17,290	18,710	19,200	15,220	12,823	20,012	21,731	22,123	22,615	20,733	15,908
900	16,353	14,589	17,136	14,714	18,573	19,541	20,923	16,184	13,703	20,801	23,082	23,103	23,249	21,774	17,016
1000	17,497	15,749	18,337	15,801	19,713	20,462	21,468	16,758	14,324	21,036	24,121	23,962	23,957	23,006	17,840
1100	18,102	16,278	19,407	16,786	20,490	21,356	21,362	17,167	14,969	20,778	25,058	24,941	24,655	23,877	18,212
1200	18,291	16,768	19,960	17,340	21,400	21,928	20,683	17,083	15,539	19,824	26,332	25,819	25,354	24,438	18,434
1300	18,733	17,055	21,162	17,552	22,444	22,810	20,735	16,872	16,055	20,574	26,328	25,187	24,567	24,933	18,791
1400	19,052	17,361	21,288	18,036	22,859	23,138	20,374	16,987	16,687	21,117	27,458	25,986	25,707	25,434	19,278
1500	19,001	17,739	21,164	18,325	23,113	23,534	19,578	17,272	17,622	21,539	27,239	25,327	26,047	25,303	19,731
1600	19,064	18,397	20,843	19,053	23,257	23,897	18,940	17,668	18,309	21,926	27,031	25,705	26,530	25,076	20,257
1700	18,910	18,617	20,625	18,928	23,319	23,674	18,130	17,690	18,700	22,114	26,318	25,376	26,273	24,094	20,261
1800	18,631	18,932	20,287	18,331	23,163	23,629	17,841	17,477	18,910	21,869	26,961	26,464	26,937	23,405	20,224
1900	18,203	18,670	19,244	17,284	22,519	23,034	17,493	16,962	18,513	21,607	25,566	24,743	25,233	22,209	19,461
2000	17,571	17,732	18,303	16,439	21,454	22,482	17,476	16,282	18,102	21,516	25,031	24,456	24,746	21,182	18,593
2100	17,048	17,527	17,876	15,748	20,850	22,141	17,502	16,105	18,178	21,159	24,700	24,398	24,745	20,801	18,178
2200	16,489	16,905	16,840	14,941	19,549	21,015	16,922	15,590	17,683	20,446	23,203	23,344	23,473	18,912	17,433
2300	15,485	15,781	15,505	15,194	17,878	19,376	15,657	14,602	17,186	19,090	21,521	21,876	21,591	17,090	16,014
2400	14,333	14,637	14,501	14,048	16,551	17,953	14,657	13,771	16,310	18,283	20,292	20,779	20,182	15,831	14,964
Total	395,691	370,847	411,062	367,659	447,084	477,593	436,235	373,883	367,722	471,286	544,811	547,316	553,289	504,206	406,548

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday
Date	7/16/2017	7/17/2017	7/18/2017	7/19/2017	7/20/2017	7/21/2017	7/22/2017	7/23/2017	7/24/2017	7/25/2017	7/26/2017	7/27/2017	7/28/2017	7/29/2017	7/30/2017	7/31/2017
Hour																
100	14,052	16,313	17,467	19,832	21,306	20,617	18,667	16,408	16,929	15,729	16,746	18,329	18,422	13,302	13,396	16,638
200	13,349	16,181	17,147	19,118	20,816	19,799	17,884	15,460	16,798	15,641	16,117	17,982	17,771	12,917	12,790	16,251
300	13,055	15,708	16,628	18,692	20,324	19,185	17,101	14,866	16,691	15,403	15,913	17,467	17,177	12,573	12,377	15,869
400	12,858	15,864	16,666	18,745	20,310	19,153	16,952	14,656	16,632	15,678	16,240	17,664	17,174	12,415	12,179	16,048
500	12,878	16,574	17,210	19,017	20,771	19,622	16,838	14,750	17,229	16,000	16,664	18,305	17,522	12,778	12,508	16,590
600	12,630	17,021	17,771	19,160	21,374	19,943	17,065	14,549	17,745	16,348	17,284	18,827	17,888	12,806	12,238	17,446
700	13,191	18,655	18,913	20,844	22,398	21,184	17,172	14,843	19,309	17,592	18,488	19,676	18,684	13,523	12,374	18,717
800	14,860	20,488	21,108	22,403	24,261	22,582	18,079	15,710	20,277	18,908	19,889	20,719	19,906	14,582	13,356	20,369
900	16,117	21,271	23,519	23,863	25,372	23,491	18,767	16,511	21,006	19,857	20,965	21,688	20,770	15,408	14,498	21,461
1000	17,749	22,894	25,298	25,430	26,018	24,490	19,949	17,235	21,344	20,396	21,544	22,921	21,338	16,117	15,546	22,603
1100	18,640	23,658	26,668	26,805	27,033	25,633	20,416	18,360	21,577	21,097	22,118	23,944	21,514	16,475	16,471	23,685
1200	19,631	24,508	27,747	27,313	27,016	25,166	20,786	19,619	21,976	21,576	22,797	25,035	22,203	16,751	17,427	24,667
1300	20,086	25,120	27,332	28,412	28,298	27,398	21,650	20,541	22,299	22,264	23,441	25,955	22,908	16,833	18,193	25,327
1400	21,012	25,610	28,619	29,172	28,664	27,978	22,281	21,424	22,264	22,227	23,992	26,630	22,982	16,862	18,517	25,987
1500	21,540	25,787	28,836	28,984	28,621	28,431	22,469	22,370	21,866	22,390	24,367	26,770	22,581	17,229	19,741	25,996
1600	22,254	25,908	29,104	29,687	28,637	28,535	22,968	23,121	21,594	22,764	24,471	27,110	22,503	17,557	20,503	26,873
1700	22,406	25,670	29,097	29,578	29,597	28,021	23,160	21,862	21,440	22,796	24,375	26,960	21,588	17,799	20,916	26,446
1800	22,051	25,612	29,720	30,579	27,526	29,086	23,204	21,152	21,407	22,738	24,166	26,244	21,187	17,698	21,089	26,448
1900	20,854	24,491	27,417	28,924	26,820	26,735	22,518	20,968	20,577	21,978	23,435	25,558	20,360	17,571	20,998	25,584
2000	20,176	23,491	26,848	27,787	26,227	25,785	21,605	20,247	19,801	21,253	23,235	24,546	19,604	17,108	20,511	24,614
2100	19,859	22,704	26,059	27,350	26,118	25,482	21,273	20,051	19,990	21,161	23,609	24,169	19,037	17,131	20,360	24,254
2200	19,060	21,248	24,540	25,808	24,834	23,339	20,371	19,476	18,879	20,113	21,879	22,726	17,422	16,322	19,237	22,405
2300	17,994	19,631	22,788	24,067	23,190	21,367	18,928	18,637	17,439	18,644	20,289	21,087	15,295	14,964	18,355	20,572
2400	17,087	18,323	21,228	22,645	21,915	20,010	17,684	17,630	16,500	17,650	19,162	19,651	13,969	14,138	17,238	19,327
Total	423,389	494,408	567,730	594,215	597,446	573,032	477,787	440,446	471,569	470,203	501,186	539,963	469,805	370,859	400,818	524,177
											Maximum	30,579	Minimum	11,306	Grand Total	14,610,588

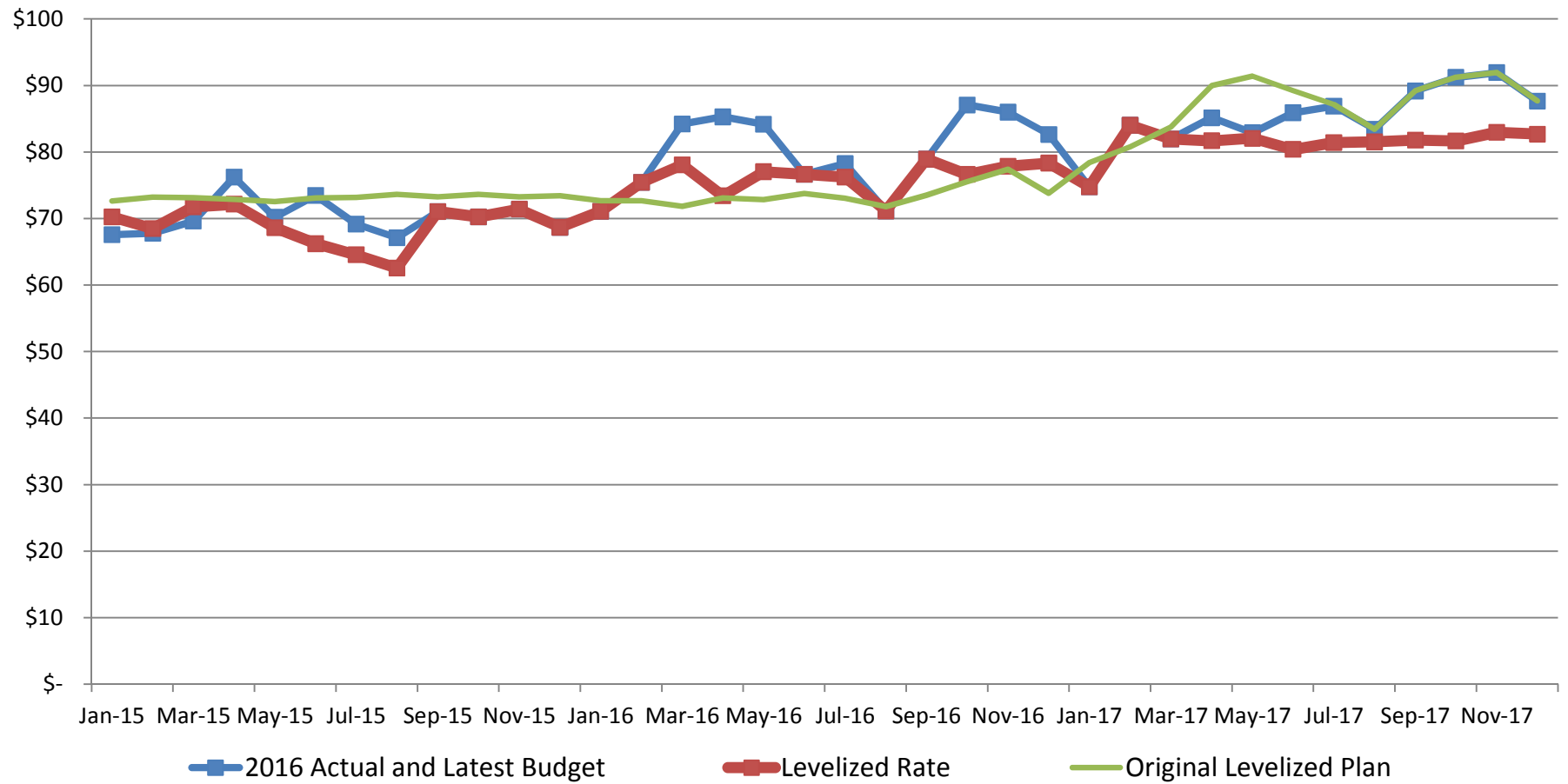
Napoleon Peak Day Load Curve



Napoleon 2017 Monthly Rates



Napoleon Monthly Rate Levelization



ESTIMATED RATES

Month (1)	ENERGY	DOLLARS	Planned RATE	LOAN	NEW RATE	Original Plan
Jan-15	14,919	\$ 1,007,996.28	\$67.56	\$ (40,000.00)	\$ 70.24	\$ 72.62
Feb-15	13,980	\$ 947,420.46	\$67.77	\$ (10,000.00)	\$ 68.49	\$ 73.20
Mar-15	13,947	\$ 970,628.11	\$69.59	\$ (30,000.00)	\$ 71.74	\$ 73.14
Apr-15	12,241	\$ 933,160.43	\$76.23	\$ 50,000.00	\$ 72.15	\$ 72.87
May-15	12,796	\$ 898,066.11	\$70.18	\$ 20,000.00	\$ 68.62	\$ 72.57
Jun-15	13,790	\$ 1,013,218.80	\$73.48	\$ 100,000.00	\$ 66.23	\$ 73.09
Jul-15	15,117	\$ 1,045,633.62	\$69.17	\$ 70,000.00	\$ 64.54	\$ 73.18
Aug-15	15,396	\$ 1,032,987.14	\$67.09	\$ 70,000.00	\$ 62.55	\$ 73.64
Sep-15	14,322	\$ 1,017,327.44	\$71.03	\$ -	\$ 71.03	\$ 73.26
Oct-15	13,525	\$ 949,998.43	\$70.24	\$ -	\$ 70.24	\$ 73.64
Nov-15	13,117	\$ 936,371.59	\$71.39	\$ -	\$ 71.39	\$ 73.26
Dec-15	13,676	\$ 939,378.70	\$68.69	\$ -	\$ 68.69	\$ 73.42
Jan-16	14,876	\$ 1,057,567.82	\$71.09	\$ -	\$ 71.09	\$ 72.65
Feb-16	13,387	\$ 1,009,662.73	\$75.42	\$ -	\$ 75.42	\$ 72.69
Mar-16	12,996	\$ 1,094,415.23	\$84.21	\$ 80,000.00	\$ 78.05	\$ 71.84
Apr-16	12,194	\$ 1,040,059.84	\$85.29	\$ 145,000.00	\$ 73.40	\$ 73.10
May-16	12,643	\$ 1,063,978.82	\$84.16	\$ 90,000.00	\$ 77.04	\$ 72.84
Jun-16	13,893	\$ 1,064,871.93	\$76.65		\$ 76.65	\$ 73.77
Jul-16	14,921	\$ 1,167,580.00	\$78.25	\$ 30,000.00	\$ 76.24	\$ 73.03
Aug-16	16,965	\$ 1,207,089.33	\$71.15		\$ 71.15	\$ 71.79
Sep-16	13,634	\$ 1,076,290.06	\$78.94		\$ 78.94	\$ 73.51
Oct-16	12,435	\$ 1,082,792.13	\$87.08	\$ 130,000.00	\$ 76.62	\$ 75.53
Nov-16	12,251	\$ 1,053,611.38	\$86.00	\$ 100,000.00	\$ 77.84	\$ 77.41
Dec-16	13,873	\$ 1,146,528.23	\$82.65	\$ 60,000.00	\$ 78.32	\$ 73.80
Jan-17	13,696	\$ 1,023,783.44	\$74.75		\$ 74.75	\$ 78.40
Feb-17	11,887	\$ 998,655.73	\$84.01		\$ 84.01	\$ 80.78
Mar-17	13,012	\$ 1,066,608.30	\$81.97		\$ 81.97	\$ 83.75
Apr-17	11,509	\$ 980,116.15	\$85.16	\$ 40,000.00	\$ 81.68	\$ 89.98
May-17	12,222	\$ 1,013,054.68	\$82.89	\$ 10,000.00	\$ 82.07	\$ 91.39
Jun-17	13,609	\$ 1,168,940.47	\$85.89	\$ 75,000.00	\$ 80.38	\$ 89.21
Jul-17	14,611	\$ 1,269,513.31	\$86.89	\$ 80,000.00	\$ 81.41	\$ 87.15
Aug-17	15,852	\$ 1,322,283.55	\$83.41	\$ 30,000.00	\$ 81.52	\$ 83.44
Sep-17	13,506	\$ 1,204,403.24	\$89.18	\$ 100,000.00	\$ 81.77	\$ 89.20
Oct-17	13,609	\$ 1,241,245.06	\$91.21	\$ 130,000.00	\$ 81.66	\$ 91.23
Nov-17	13,379	\$ 1,229,796.26	\$91.92	\$ 120,000.00	\$ 82.95	\$ 91.95
Dec-17	14,150	\$ 1,240,214.82	\$87.65	\$ 70,000.00	\$ 82.70	\$ 87.67

(1) Month means month of power delivery \$ -

(2) Negative means payment from Municipality to AMP

December 2016 payment is estimated. Actual payment will include true-up to fully reimburse AMP for principal and carrying charges.



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: 199066

INVOICE DATE: 8/9/2017

DUE DATE: 8/21/2017

TOTAL AMOUNT DUE: \$877.17

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 -

July, 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			= \$209.25

TOTAL CHARGES

\$877.17



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: 199146
INVOICE DATE: 8/1/2017
DUE DATE: 8/11/2017
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: **July, 2017**

DEMAND CHARGES:

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

Base Operating Expense Demand Charge:	\$12.660000	/ kW *	3,088 kW =	\$39,094.09
Seca Associated with JV5.	\$0.000000	/ kW *	3,088 kW =	\$0.00

TOTAL DEMAND CHARGES:	\$12.660003	/ kW *	3,088 kW =	\$39,094.09
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ENERGY CHARGES:

JV5 Repl. Pwr. & Variable (Budgeted Rate):	\$0.018423	/ kWh *	2,297,472 kWh =	\$42,326.66
JV5 Fuel Cost (Actual Expense):	\$0.000000	/ kWh *	2,297,472 kWh =	\$0.00

TOTAL ENERGY CHARGES:	\$0.018423	/ kWh *	2,297,472 kWh =	\$42,326.66
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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: 199188

INVOICE DATE: 8/1/2017

DUE DATE: 8/11/2017

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: **August, 2017**

Financing CHARGES:

Debt Service	\$17.930000	/ kW *	3,088 kW =	\$55,367.84
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Total OMEGA JV5 Financing Invoice:	\$55,367.84
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**AMERICAN MUNICIPAL POWER, INC.**

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

INVOICE NUMBER: 199206
INVOICE DATE: 8/1/2017
DUE DATE: 8/15/2017
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 2017Electric Fixed

300 kW * 5.151 per kW-Month

Total

AMOUNT DUE FOR :	August, 2017 -	Electric Fixed	\$1,545.40
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TOTAL CHARGES**\$1,545.40**



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0053993-00-00546-04

3274
Page 1 of 6

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
July 1, 2017 to July 31, 2017



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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



00- -M -P -PC -213-04 00327404 3274
0053993-00-00546-04 Page 2 of 6

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
July 1, 2017 to July 31, 2017

SPECIAL MESSAGES

Faster trade settlement begins September 5

To better meet the needs of all investors, the financial services industry is shortening the settlement cycle for stocks, corporate bonds, municipal bonds, unit investment trusts and financial products comprised of these security types (such as exchange-traded funds). The standard settlement cycle of three business days after the trade date will be changed to two business days on September 5, 2017.

This should result in reduced credit risk, cash deployment efficiencies, increased market liquidity and lower collateral requirements. It also will align the U.S. market with other major international markets. For example, 23 European Union members moved to a two-day settlement cycle in October 2014. U.S. Bank has been participating in industry-wide testing to ensure readiness for the shortened settlement cycle.





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
July 1, 2017 to July 31, 2017

MARKET VALUE SUMMARY

Current Period 07/01/17 to 07/31/17	
Beginning Market Value	\$618,274.32
Distributions	- 85,000.00
Adjusted Market Value	\$533,274.32
Investment Results	
Interest, Dividends and Other Income	416.92
Total Investment Results	\$416.92
Ending Market Value	\$533,691.24



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
July 1, 2017 to July 31, 2017

ASSET DETAIL AS OF 07/31/17

Shares or Face Amount	Security Description	Market Value/ Price	Tax Cost/ Unit Cost	% of Total Yield at Market	Est Ann Inc
Cash Equivalents					
533,691.240	First American Government Oblig Fd Cl X #5385 31846V336	533,691.24 1.0000	533,691.24 1.00	100.0 .79 **	4,221.07
Total Cash Equivalents		\$533,691.24	\$533,691.24	100.0	\$4,221.07
Cash					
	Principal Cash	- 3,691.16	- 3,691.16	- 0.7	
	Income Cash	3,691.16	3,691.16	0.7	
	Total Cash	\$0.00	\$0.00	0.0	
Total Assets		\$533,691.24	\$533,691.24	100.0	\$4,221.07

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 (or most recent daily rate available) 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
July 1, 2017 to July 31, 2017

CASH SUMMARY

	Income Cash	Principal Cash	Total Cash
Beginning Cash Balance as of 07/01/2017	\$3,274.24	- \$3,274.24	\$0.00
Taxable Interest	416.92		416.92
Cash Disbursements		- 85,000.00	- 85,000.00
Net Money Market Activity		84,583.08	84,583.08
Ending Cash Balance as of 07/31/2017	\$3,691.16	- \$3,691.16	\$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
July 1, 2017 to July 31, 2017

TRANSACTION DETAIL

Date Posted	Description	Income Cash	Principal Cash	Tax Cost
	Beginning Balance 07/01/2017	\$3,274.24	- \$3,274.24	\$618,274.32
07/03/17	Interest Earned On First Am Govt Ob Fd Cl X Interest From 6/1/17 To 6/30/17 31846V336	416.92		
07/05/17	Purchased 416.92 Units Of First Am Govt Ob Fd Cl X Trade Date 7/5/17 31846V336		- 416.92	416.92
07/20/17	Sold 85,000 Units Of First Am Govt Ob Fd Cl X Trade Date 7/20/17 31846V336		85,000.00	- 85,000.00
07/20/17	Cash Disbursement Paid To American Municipal Power Wire Transfer Cmk56379 Per Req #7 Dtd 7/17/17 Wire To American Municipal Power Req Reimb Pymt For Var Exp Napoleon June July		- 85,000.00	
	Ending Balance 07/31/2017	\$3,691.16	- \$3,691.16	\$533,691.24



RATE REVIEW COMPARISONS - Current to Prior Month and Prior Year

2017 AUGUST - ELECTRIC PSCAF - BILLING COMPARISONS TO PRIOR PERIODS - As Corrected for PSCAF											
Rate Comparisons to Prior Month and Prior Year for Same Period											
	Service	Service	Current	Prior Month	Prior Year		Service	Service	Current	Prior Month	Prior Year
	Usage	Units	September	August	September		Usage	Units	September	August	September
Customer Type	Usage	Units	2017 Rate	2017 Rate	2016 Rate		Usage	Units	2017 Rate	2017 Rate	2016 Rate
Customer Type ->			RESIDENTIAL USER - (w/Gas Heat)				RESIDENTIAL USER - (All Electric)				
Customer Charge			\$6.00	\$6.00	\$6.00				\$6.00	\$6.00	\$6.00
Distribution Energy Charge			\$20.93	\$20.93	\$20.93				\$33.39	\$33.39	\$33.39
Distribution Demand Charge											
Power Supply Energy Charge	978	kWh	\$71.20	\$71.20	\$71.20		1,976	kWh	\$143.85	\$143.85	\$143.85
Power Supply Demand Charge											
PSCAF - Monthly Factor	978	kWh	\$10.19	\$10.24	\$3.95		1,976	kWh	\$20.59	\$20.69	\$7.98
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			\$112.87	\$112.92	\$106.63				\$213.02	\$213.12	\$200.41
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			\$257.49	\$246.42	\$228.28				\$414.66	\$397.07	\$367.76
Verification Totals->			\$257.49	\$246.42	\$228.28				\$414.66	\$397.07	\$367.76
				Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr					Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr
Dollar Chg.to Prior Periods				\$11.07	\$29.21					\$17.59	\$46.90
% Inc/Dec(-) to Prior Periods				4.49%	12.80%					4.43%	12.75%
=====											
=====											
Cost/kWH - Electric	978	kWh	\$0.11541	\$0.11546	\$0.10903		1,976	kWh	\$0.10780	\$0.10785	\$0.10142
% Inc/Dec(-) to Prior Periods				-0.04%	5.85%					-0.05%	6.29%
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%
(Listed Accounts Assume SAME USAGE for kWH and Water (CCF) for All Billing Periods)											
(One "1" Unit CCF of Water = "Hundred Cubic Foot" = 748 Gallons)											

RATE REVIEW COMPARISONS - Current to Prior Month and Prior Year

2017 AUGUST - ELECTRIC PS										
Rate Comparisons to Prior Month and Prior Year										
			Current	Prior Month	Prior Year			Current	Prior Month	Prior Year
	Service	Service	September	August	September	Service	Service	September	August	September
Customer Type	Usage	Units	2017 Rate	2017 Rate	2016 Rate	Usage	Units	2017 Rate	2017 Rate	2016 Rate
Customer Type ->			COMMERCIAL USER - (3 Phase w/Demand)			INDUSTRIAL USER - (3 Phase w/Demand)				
Customer Charge			\$18.00	\$18.00	\$18.00			\$100.00	\$100.00	\$100.00
Distribution Energy Charge	7,040	kWh	\$38.02	\$38.02	\$38.02	98,748	Reactive	\$2,303.85	\$2,303.85	\$2,303.85
Distribution Demand Charge	20.32	kW/Dmd	\$92.86	\$92.86	\$92.86	1510.1	kW/Dmd	\$8,215.30	\$8,215.30	\$8,215.30
Power Supply Energy Charge	7,040	kWh	\$623.04	\$623.04	\$623.04	866,108	kWh	\$39,165.42	\$39,165.42	\$39,165.42
Power Supply Demand Charge								\$15,296.55	\$15,296.55	\$15,296.55
PSCAF - Monthly Factor	7,040	kWh	\$73.36	\$73.71	\$28.44			\$8,573.61	\$8,614.75	\$3,324.12
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			\$875.74	\$876.09	\$830.82			\$76,808.34	\$76,849.48	\$71,558.85
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			\$1,222.30	\$1,186.90	\$1,110.33			\$80,598.84	\$80,483.78	\$74,674.30
Verification Totals->			\$1,222.30	\$1,186.90	\$1,110.33			\$80,598.84	\$80,483.78	\$74,674.30
			Cr.Mo to Pr.Mo			Cr.Mo to Pr.Mo			Cr.Mo to Pr.Mo	
Dollar Chg.to Prior Periods			\$35.40			\$111.97			\$115.06	
% Inc/Dec(-) to Prior Periods			2.98%			10.08%			0.14%	
=====			=====			=====			=====	
Cost/kWH - Electric	7,040	kWh	\$0.12439	\$0.12444	\$0.11801	866,108	kWh	\$0.08868	\$0.08873	\$0.08262
% Inc/Dec(-) to Prior Periods			-0.04%			5.41%			-0.06%	
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%	
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%	
(Listed Accounts Assume SAME USAGE)										
(One "1" Unit CCF of Water = "Hundre										



August 29, 2017

City of Napoleon
City Manager
Mr. Joel Mazur

Subject: Portfolio Realignment Opportunity

Dear AMP Member:

In accordance with some Project Power Sales Contracts, each Member that is a Participant in an AMP generation resource may have, subject to the satisfaction of the conditions set forth in such Contracts, the opportunity to realign its power supply portfolio. Realignment means that Members who wish to sell or buy project resource shares from one another may, in general, do so. We have some Members that have indicated a non-binding interest to purchase from the following resources:

- AMP Fremont Energy Center
- Prairie State Energy Campus
- Meldahl and Greenup Hydroelectric

At this time, AMP is soliciting the Membership to determine if any Member would have an interest in selling project resource shares from these projects. Interested municipalities should complete the enclosed non-binding term sheet and return to Chris Lewis at The Energy Authority (TEA) (clewis@teainc.org). The deadline to return the non-binding term sheet is September 15, 2017. The potential transactions may be in the form of a Purchased Power Agreement (PPA), project share assignment or sale. The terms of the transactions, including the kW shares, term length, and pricing, will be negotiated between the parties, with facilitation and support from TEA.

AMP will continue to serve as an unbiased resource offering education, details on the municipality's existing power supply, wholesale rate analyses, with and without the sale/purchase, and forward market curves. In fairness to all participants, however, AMP will not make recommendations regarding the terms of the proposed transactions.

Regardless of the manner in which a particular realignment is completed, it is imperative that the existing requirements of each power sales contract be met, including the financial and tax requirements. Until and unless new contracts have been signed, existing project participants retain their current project obligations.

If you have any questions about this process, please feel free to contact me at (614) 562-5733 or by E-mail at psullivan@amppartners.org. Legal questions should be referred to AMP General Counsel for Regulatory Affairs Lisa McAlister at (614)540-6400 or by E-mail at lmcalister@amppartners.org.

On Behalf of the Members,



Pamala M. Sullivan
Executive VP of Power Supply & Generation
American Municipal Power, Inc.

cc: Marc S. Gerken, P.E., President/CEO
Lisa McAlister, General Counsel for Regulatory Affairs
Rachel Gerrick, General Counsel for Corporate Affairs

Non-binding Letter of Interest in the Portfolio Realignment

The City of Napoleon, OH, wishes to participate in the portfolio realignment process.

Submission of this letter and participation in the process is voluntary and non-binding. Sale or purchase of project shares is not guaranteed, and no transaction is binding until new contracts have been signed.

Our interest is in selling power from the following projects:

<u>Projects</u>	<u>Estimated kW for Transaction</u>
AMP Fremont Energy Campus	
Prairie State Energy Campus	
Combined Phase I Hydroelectric Project*	
Meldahl Hydroelectric Project	
Greenup Hydroelectric Project	

*Although no member has indicated an interest in purchasing from the Combined Phase I Hydroelectric Project directly, there may be interest in a portfolio mix option including a blend of resources.

Signature: _____

Name: Joel Mazur

Title: City Manager

Date: _____

Electric Department Report August 2017

There were three callouts/outages during the month of August. 1 callout was a broken neutral wire. The only outage was a squirrel getting into the power lines. One callout was found to be our customers fuse in their panel below NPL meter socket.

Line Department/Service Truck: Crews worked on Park Street upgrades, rebuilt lines on Rd. U between 11 & 12. Crews performed shutoffs for billing dept. Crews cleaned shop floors and trucks. Crews replaced a transformer on Rd. 10. Crews installed new underground service for a new home on Rd. P-1. Crews trenched in primary underground on Rd. V between 9-C and Rd. 10. Linemen upgraded service on Scott Street. Crews installed service saver on St. Rt 109 and later replaced underground service wires. Crews removed electric poles and took down wire on Huddle road that used to feed Milton Sigg Popcorn Company. Crews took down services and poles at TV Time popcorn property on Rt. 6. Crews moved a capacitor bank on 14-B to allow room for installation of transformer for proposed lift station. Linemen installed new pole for Pocket park electrical service. Crews helped tree trimmers remove tree on Avon. Crews transferred primary at Rd. R and St. Rt. 108. Crews ran primary for Men's rehabilitation center in Oakwood complex. Linemen installed a URD at 831 Welsted and ran a new URD to feed Southside Substation. Crews also attended OSHA training classes. The serviceman performed locates, temporary power installations, repaired and replaced lighting as needed and attended safety classes.

Substation Department: Substation personnel I performed substation checks, cleaned and organized all substation parts and shelving, worked on NERC compliance requirements and reporting.

Forestry Department: Jamie and Jerry trimmed trees on Park Street, alley on Stevenson, Automatic Feed primary feed wires, Trailer home park on Scott Street, Vocke Street, 608 Avon, 840 Monroe, Clinton and Haley. Jerry also trimmed vines on power poles on Jaime's vacation days

Storeroom/Inventory/Metering: Shawn read meters, completed work orders, ordered and maintained inventory and helped line crews as needed.

The **Peak Load** for August, 2017 was 27.61 MW occurring on 8/16/17 at 7:00 P.M. This was a decrease of 4.07 M.W. compared to August, 2016. The **average load** for August, 2017 was 18.24 MW. This was a decrease of 2.45 MW compared to August, 2016. The JV2 operated on 8/21 and produced 5.11 MWh. The JV-5 operated on 8/29 and produced .94 MWh for testing. The Turbine peak shaved on 8/16 and 8/17 and produced 218.58 MWh. The AMP solar field produced 514.21 MWh for August, 2017. This was an increase of 20.72 MWh compared to August 2016. The AMP solar field had a peak output in August, 2017 of 3.36 MW. This was a decrease of .05 MW compared to August, 2016.

City of Napoleon, Ohio



SUMMARY OF AUGUST 2017 OUTAGE/STANDBY CALL-OUTS

August 3, 2017:

Electric personnel were dispatched at 8:47 p.m. to T262 County Road 10 due to a broken neutral wire. The personnel repaired the wire.

August 20, 2017:

Electric personnel were dispatched at 4:30 p.m. to 8877 County Road T due to a power outage. The outage lasted one hour and affected one customer. The outage was due to an animal getting into electric wires and blowing a fuse. The personnel replaced the fuse.

August 30, 2017:

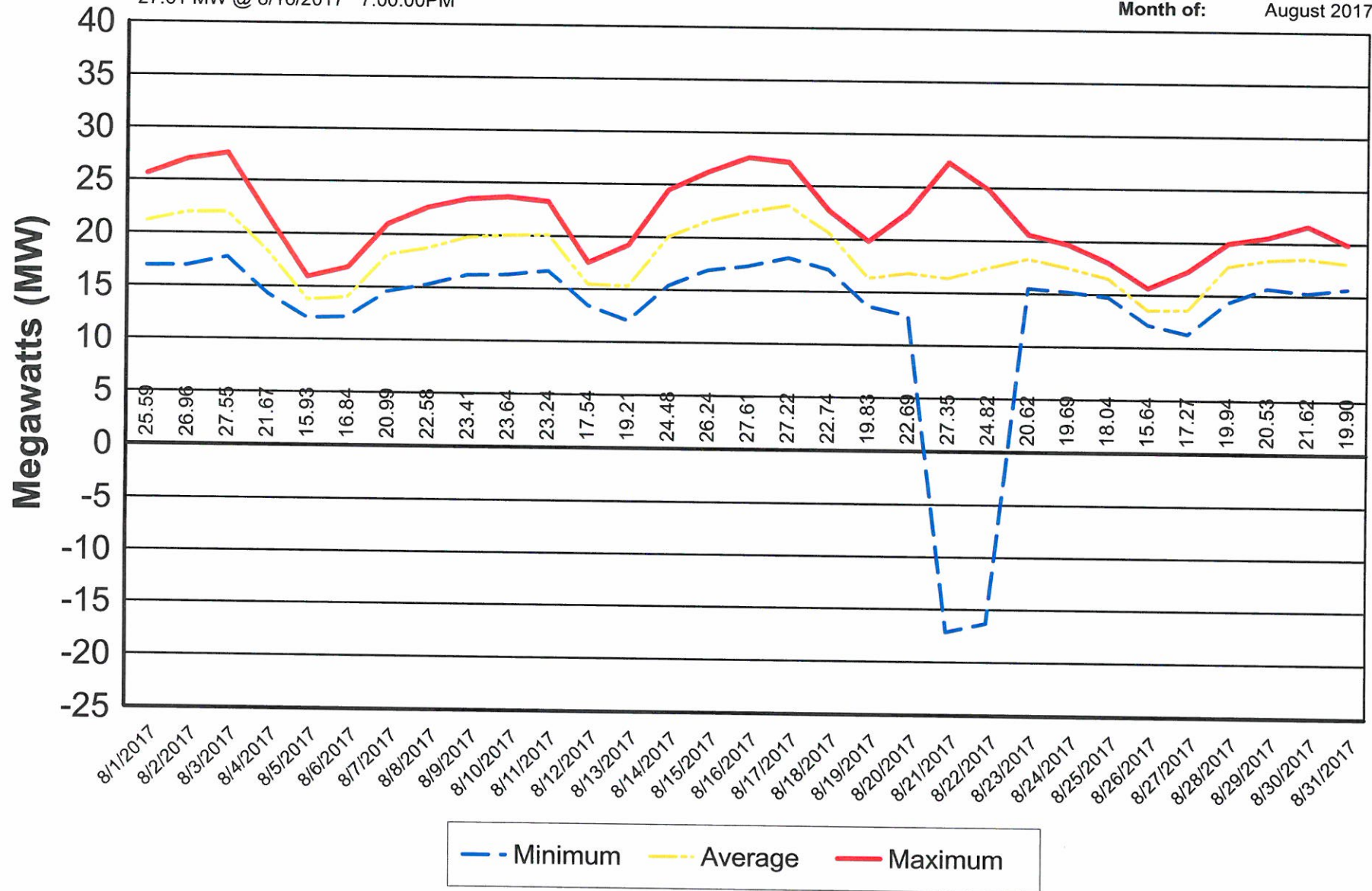
Electric personnel were dispatched at 6:25 p.m. to 630 Park St due to the customer having half power. The customer had a blown fuse below the electric meter. The customer replaced the fuse.

Napoleon Power & Light

System Load

Peak Load:
27.61 MW @ 8/16/2017 7:00:00PM

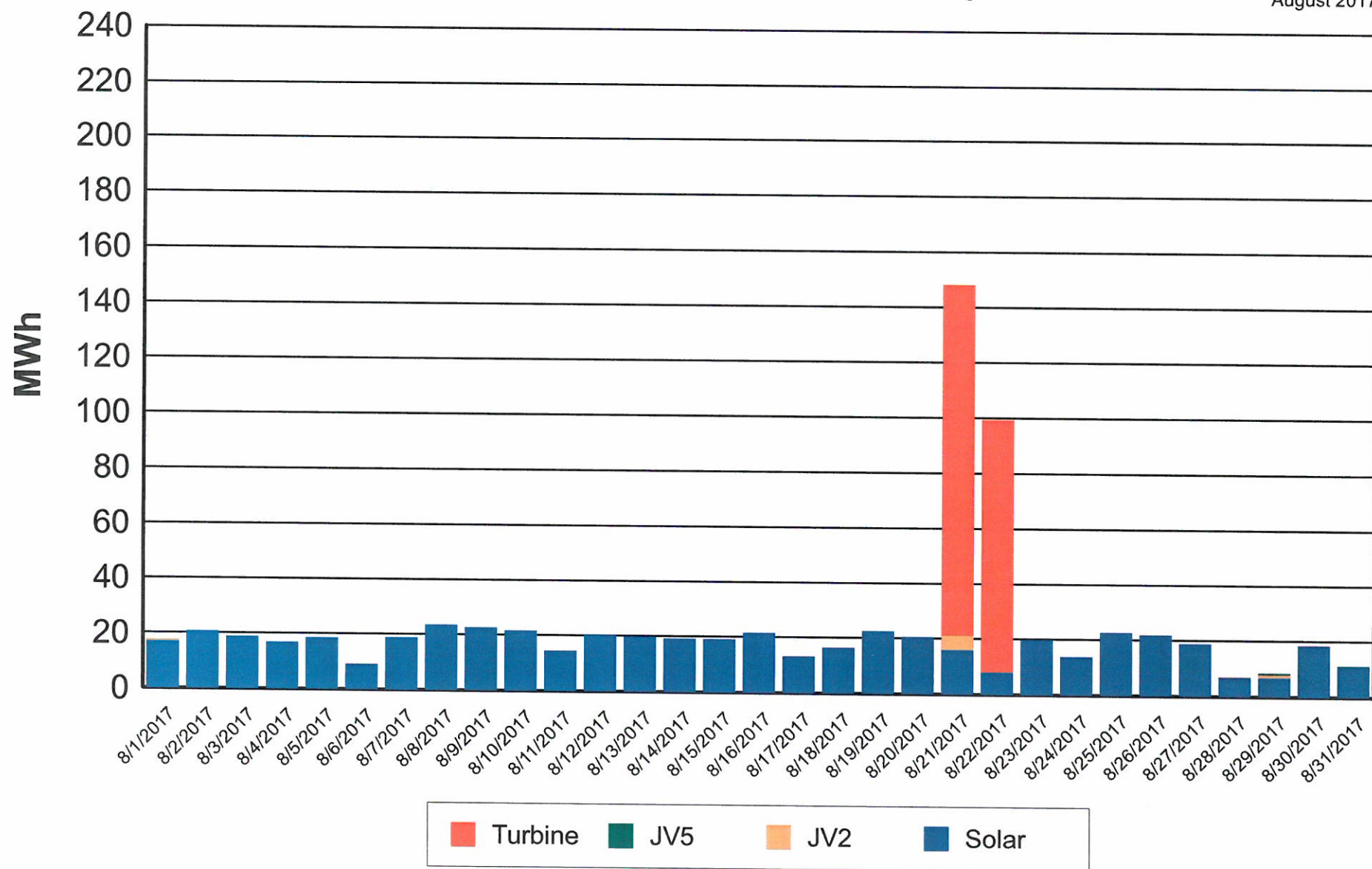
Month of: August 2017



Napoleon Power & Light

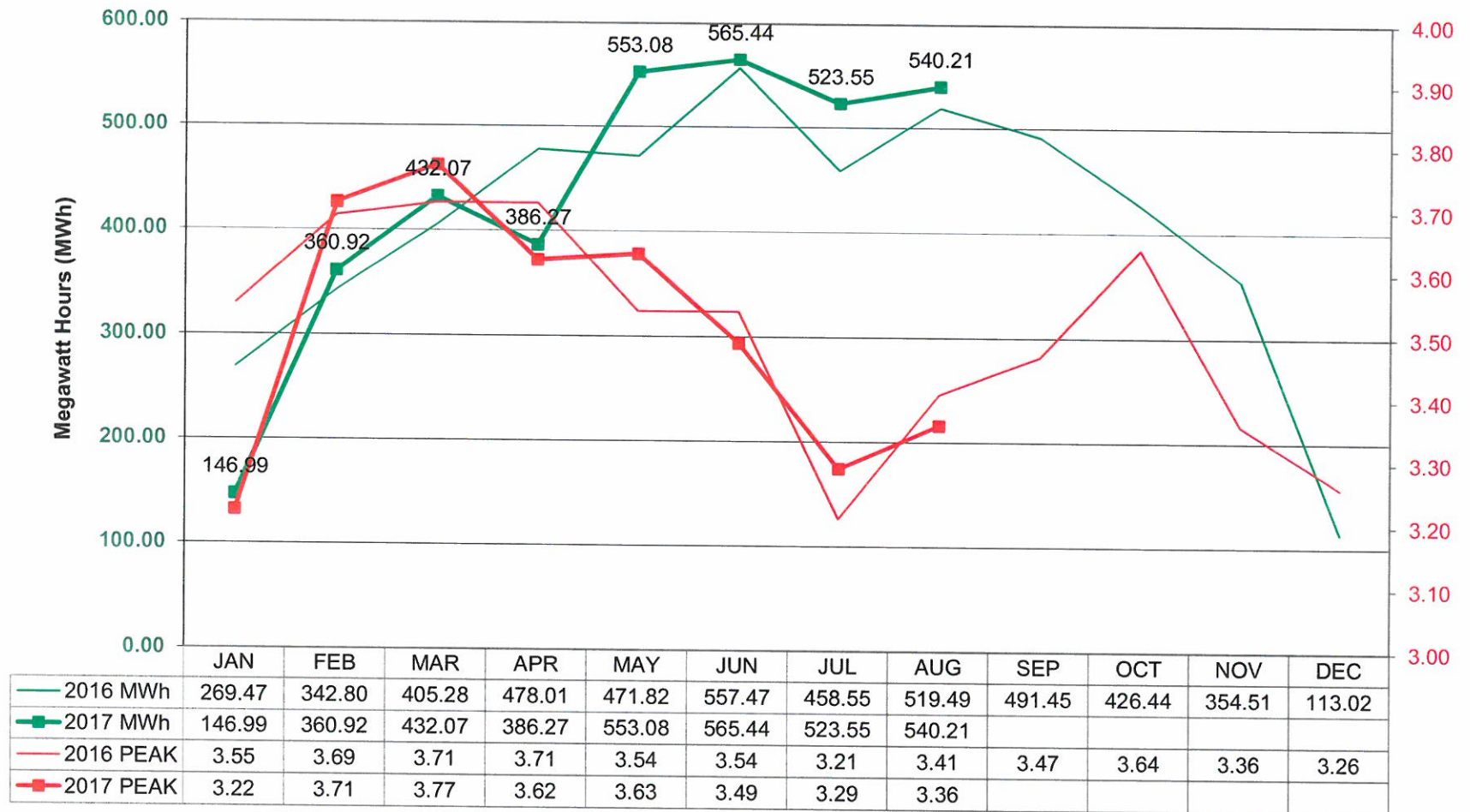
Daily Generation Output

August 2017

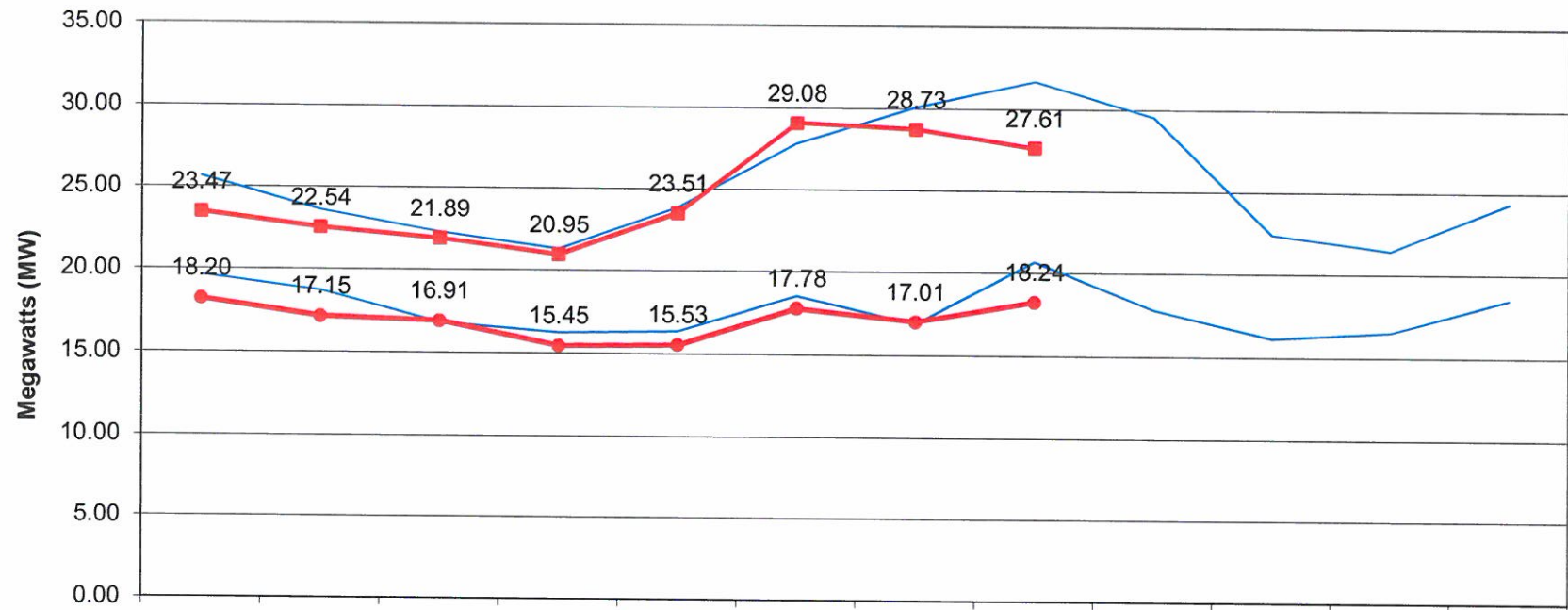


NAPOLEON POWER & LIGHT

Solar Field Output Trend



NAPOLEON POWER & LIGHT



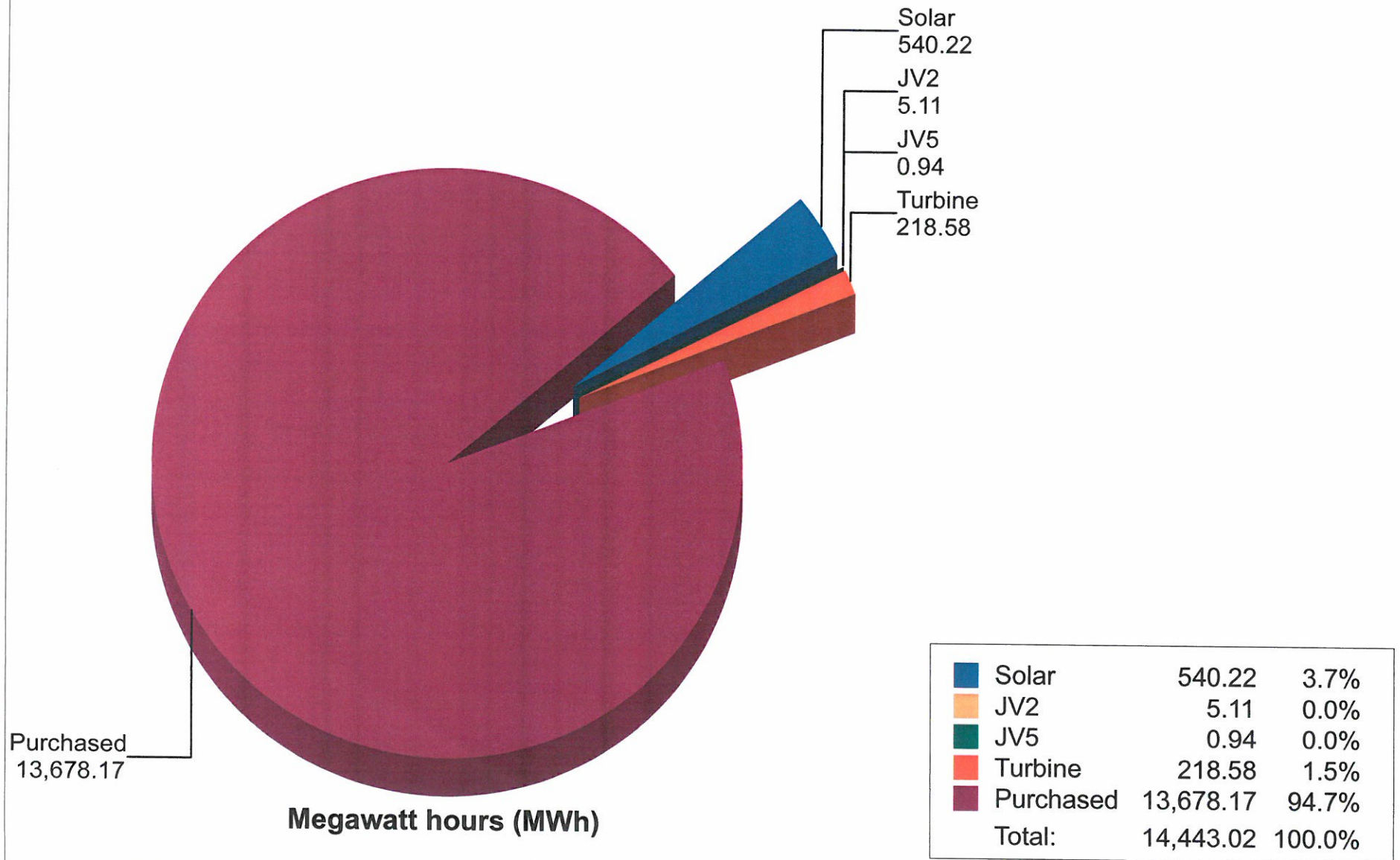
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1/1/2016	2/1/2016	3/1/2016	4/1/2016	5/1/2016	6/1/2016	7/1/2016	8/1/2016	9/1/2016	10/1/2016	11/1/2016	12/1/2016
— 2016 MAX	25.66	23.63	22.29	21.29	23.89	27.84	30.10	31.68	29.55	22.40	21.45	24.36
— 2016 AVG	19.63	18.73	16.83	16.24	16.35	18.52	16.87	20.69	17.82	16.14	16.52	18.50
— 2017 MAX	23.47	22.54	21.89	20.95	23.51	29.08	28.73	27.61				
— 2017 AVG	18.20	17.15	16.91	15.45	15.53	17.78	17.01	18.24				

— 2016 MAX — 2016 AVG — 2017 MAX — 2017 AVG

Napoleon Power & Light

Power Portfolio

August 2017



City of Napoleon, Ohio

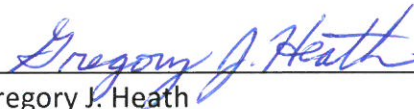
BOARD OF PUBLIC AFFAIRS

Meeting Agenda

Monday, September 11, 2017 at 6:30 pm

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

- 1) Approval of Minutes from August 14, 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 September, 2017:
PSCAF – three (3) month averaged factor \$0.01042
JV2 \$0.022959
JV5 \$0.022959
- 3) Discussion on Transmission Operator for Northside Substation. (Tabled)
- 4) Electric Vehicle Rebate. (Tabled)
- 5) Portfolio Realignment Opportunity.
- 6) Electric Department Reports.
- 7) Any other matters to come before the Board.
- 8) Adjournment.



Gregory J. Heath
Finance Director/Clerk of Council

City of Napoleon, Ohio

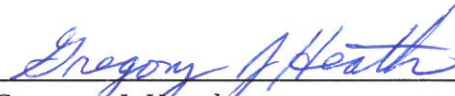
WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE

Meeting Agenda

Monday, September 11, 2017 at 7:00 pm

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

- 1) Approval of July 10, 2017 Minutes *(In the absence of any objections or corrections, the Minutes shall stand approved)*
- 2) Update on Wastewater Treatment Plant. (Tabled)
- 3) Recycling Contract.
- 4) Sewer Rate Review with Courtney and Associates.
- 5) Any other matters currently assigned to the Committee.
- 6) Adjournment.



Gregory J. Heath

Finance Director/Clerk of Council

WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE

Meeting Minutes

Monday, July 10, 2017 at 7:00 pm

PRESENT

Committee Members
City Staff

Jeff Comadoll-Chair, Rita Small, Lori Siclair (pro-tem)
Greg Heath, Finance Director/Clerk of Council
Joel Mazur, City Manager
Scott Hoover, WTP Superintendent
Chad Lulfs, Public Works Director
Jeff Rathge, Operations Superintendent
Dennie Clapp, Electric Distribution Superintendent
Roxanne Dietrich
Newsmedia

Recorder

Others

ABSENT

Committee Member

Travis Sheaffer

Call to Order

Chairman Comadoll called the Water, Sewer, Refuse, Recycling and Litter Committee to order at 7:09 pm.

Approval of June 12, 2017 Meeting Minutes

Hearing no objections or corrections, the meeting minutes of June 12, 2017 stand approved.

Motion to Untable Update on Water Treatment Plant Project

Motion: Small Second: Siclair

To untable Update on Water Treatment Plant Project.

Passed

Yea-3

Nay-0

Roll call vote on the above motion:
Yea-Siclair, Small, Comadoll

WTP Update

City Manager Mazur presented an update on what is going on at the WTP (a copy of the entire presentation is attached to the minutes)

Financial Structure

The DEFA loan is for \$15.3 million for 30 years with 0% interest. The awarded bid was for \$13.3 million, the Engineer's Estimate was \$17 million. \$2.4 million still needs a long term financing and there is \$1.5 million for the UV process that is already completed and in progress.

Construction Progress

Mazur said basically a big hole has been dug and a bunch of concrete has been poured, he then showed several slides of the construction progress. They are right on schedule even with a couple of weather days. The Membrane Project is estimated to be done a year from now with all equipment online by December 2018 and project completion by April of 2019.

Water Treatment Process Changes

Hoover, Water Treatment Plant Superintendent, said we currently use Lime

and Soda Ash to soften the water, we have been using this method since 1964. There will be some tough shutdowns coming up on high service pumps, but we can handle it.

Future Water Treatment

We will be producing a higher quality of water more consistently with a reliable facility.

Water Quality Improvements

The UV disinfection has been added and we will have to run on MIEX until the membranes are running as expected.

There will be new plate settlers and a new gravity filtration.

Membranes, nanofiltration and reverse osmosis will control the turbidity of the water.

Water System Overview

Water Treatment Plant

Distribution System

Water Towers/Pump Stations

Meters, Hydrants, Valves

Hoover said it will be a 4.5 mg plant.

Mazur stated the system delivers about 1.3 million gallons/day on average.

Jeff Weiss is a Class 3 Operator of Record and Jeff Rathge is a Class 2 Operator that is the highest on the distribution side.

Water Towers

We have two towers, the larger one is a 750,000 gallon tank that is off Vocke Street and the second one has a 200,000 gallon tank on South Perry Street that keeps the distribution system pressurized and is used for fire protection. The large water tower is part of the WTP project and is due to be painted.

Water Rate Structure

We are using the AWWA M1 model, it is a risk to change our billing structure method. The satellite communities have a 25% surcharge they pay, the customers are mostly residential, each community is responsible for their own distribution system, Liberty Center, Malinta and McClure all have a 100,000 gallon tower, the Village of Florida has a 50,000 gallon tower.

We met with the Henry County Water/Sewer District, Nick Rettig, Rex Huffman and Tom Borck and they requested Napoleon give them their best price, my recommendation would be to do a 30 year contract to cover the debt service life with an early termination clause stating they would have to pay a pro-rata cost share to protect the investment. We will now be able to deliver to the satellite communities a better quality of water from a more reliable source and with more consistency, the chlorine residual should balance out, in the past the satellite communities had problem with THMs.

Update on Wastewater Treatment Plant (Tabled)

Wastewater Treatment Plant Update remained tabled.

Other Matters

None.

Motion to Adjourn

Motion: Siclair

Second: Small

To adjourn the Water, Sewer, Refuse, Recycling & Litter Committee meeting at 7:50 pm.

Passed
Yea-3
Nay-0

Roll call vote on the above motion:
Yea-Siclair, Small, Comadoll
Nay-

Approved

September 11, 2017

Jeff Comadoll, Chairman

DRAFT

City of Napoleon, Ohio

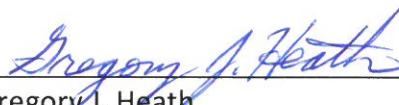
**MUNICIPAL PROPERTIES, BUILDINGS, LAND USE,
AND ECONOMIC DEVELOPMENT COMMITTEE**

MEETING AGENDA

Monday, September 11, 2017 at 7:30 pm

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

- 1) Approval of July 10, 2017 Minutes a (*In the absence of any objections or corrections, the Minutes shall stand approved*)
- 2) Discussion on Downtown Improvements. (Tabled)
- 3) Discussion on Kenilworth Sidewalk.
- 4) Any other matters currently assigned to the Committee.
- 5) Adjournment.



Gregory J. Heath
Finance Director/Clerk of Council

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

MEETING MINUTES

Monday, July 10, 2017 at 7:30 PM

PRESENT

Members:

Lori Siclair-Chairman, Jeff Mires, Joe Bialorucki, Jason P. Maassel

Finance Director/Clerk

Gregory J. Heath

City Manager

Joel L. Mazur

City Staff

Recorder

Roxanne Dietrich

Others

Newsmedia

ABSENT

Call to Order

Chairman Siclair called the Municipal Properties, Building, Land Use and Economic Development Committee meeting to order at 7:53 pm.

Approval of June 12, 2017 Minutes

Minutes of the June 12, 2017 meeting stand approved as read with no objections or corrections.

Motion to Untable Roundhouse Road

Motion: Maassel Second: Bialorucki
to untable Roundhouse Road.

Passed

Yea-4

Nay-0

Roll call vote on the above motion:

Yea-Maassel, Mires, Siclair, Bialorucki

Nay-

Mazur requested an Executive Session for Economic Development.

Motion to go into Executive Session

Motion: Bialorucki Second: Maassel
To go into Executive Session for Economic Development.

Passed

Yea-4

Nay-0

Roll call vote on the above motion:

Yea-Maassel, Mires, Siclair, Bialorucki

Nay-

Into Executive Session at 7:54 pm.

Motion to Come Out of Executive Session

Motion: Maassel Second: Bialorucki
To come out of Executive Session.

Passed
Yea-4
Nay-0

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

Out of Executive Session at 8:03 pm.

Chairman Siclair reported economic development was discussed and no action was taken.

**Downtown
Improvements (Tabled)**

Downtown Improvements remained tabled.

**Motion to Untable
Parking Spaces**

Motion: Maassel Second: Bialorucki
to untable Parking Spaces.

Passed
Yea-4
Nay-0

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

Mazur recommended removing this agenda items as it is part of the Downtown Improvements.

**Remove Agenda Item
Parking Spaces-Include
with Downtown
Improvements**

Motion: Maassel Second: Mires
to remove agenda item "parking spaces" and include with Downtown Improvements.

Passed
Yea-4
Nay-0

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

Other Matters

Maassel commented he saw some big poles out by the Spec Building site. Mazur said those are temporary power poles, they are also going to put up a covered awning at the work site, within a month the foundation work will begin.

Maassel said when the CIC decided to create a spec building, the idea was to build and fill the spec building. We are getting closer to starting the building and now we need to focus on the job skills. A Work Force Development Committee has been created and we will be meeting for the second time on Friday. The CIC's newest member, Jim Drewes from NWSCC, is instrumental in discussing what sources are available to help solve the workforce issues we are currently facing. Workforce development is the key for the CIC to move forward. We are meeting with Senator Cliff Hite on Friday to talk about education at the state level.

Motion to Adjourn

Motion: Bialorucki Second: Mires
to adjourn the Municipal Properties, Building, Land Use and Economic
Development Committee meeting.

Passed

Yea-4

Nay-0

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

Adjournment

The Municipal Properties, Building, Land Use and Economic Development Meeting
was adjourned at 8:10 pm.

Date Approved:

September 11, 2017

Lori Siclair, Chair

DRAFT

City of Napoleon, Ohio

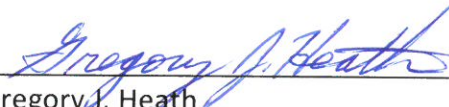
PLANNING COMMISSION

Meeting Agenda

Tuesday, September 12, 2017 at 5:00 pm

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

- 1) Call to Order.
- 2) Roll Call.
- 3) Approval of August 08, 2017 Minutes (In the absence of any corrections or objections, the minutes shall stand approved.).
- 4) New Business
PC 17-04 – Marijuana Moratorium – Public Hearing
A Notice for a Public Hearing Regarding the Recommendation to Council on the Medical Marijuana Moratorium as it relates to House Bill 523.
- 5) Closing Remarks.
- 6) Adjournment.



Gregory J. Heath
Finance Director/Clerk of Council



City of Napoleon, Ohio

255 West Riverview Avenue, P.O. Box 151

Napoleon, OH 43545

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

www.napoleonohio.com

Memorandum

To: Board of Zoning Appeals, City Council, Mayor, City
Law Director, City Manager, Department
Supervisors, Newsmedia
From: Gregory J. Heath, Finance Director/Clerk of Council *G.J.H.*
cc:
Date: September 8, 2017
Subject: Board of Zoning Appeals – Cancellation

The regularly scheduled meeting of the Board of Zoning Appeals for Tuesday, September 12, 2017 at 4:30 pm has been CANCELED due to lack of agenda items.

City of Napoleon, Ohio

HEALTHCARE COST COMMITTEE

Meeting Agenda


Friday, September 15, 2017 at 9:00 am

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

- 1) Approval of Minutes. *(In the absence of any objections or corrections, the Minutes shall stand approved.)*
- 2) Review of Healthcare Costs and potential Premium Increases for 2018.
- 3) Any other matters currently assigned to the Committee.
- 4) Adjournment.


Gregory J. Heath, Finance Director/Clerk

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September 8, 2017

As the weather turns chilly, the Ohio State Legislature prepares to come back from summer recess. The OML attended the hearings on several pertinent bills in the few committee hearings that were held this week. Our meetings with legislators are resuming as more members are coming back to Columbus, and we will keep our members apprised as legislation affecting municipalities is introduced and makes its way through the legislative process.

SENATE COMMITTEES HOLD HEARINGS ON BILLS AFFECTING MUNICIPALITIES

Both chambers of the legislature will officially return from summer recess next week. In anticipation of session resuming, a few committees held hearings this past week.

Senate Ways and Means Committee held its first hearing on HB 69. Rep. Cupp (R - Lima) offered sponsor testimony on his bill, which would mandate that a municipality reimburse a township if they share a TIF in which the municipality does not have fire or EMS service, resulting in the township providing fire and EMS services to the TIF. When asked how many TIFs would be impacted by this bill, Rep. Cupp replied that while he did not have an exact count, the number of TIFs where the township provides sole fire and EMS services is not substantial. He further clarified this legislation would only apply to TIFs created after the passage of the bill. Rep. Hackett (R- London) expressed concern that this mandate would prevent the formation of future TIFs. Rep. Cupp said that while not much could be done if people didn't want to work together, the bill allows the township and municipality to negotiate the terms of this particular mandated reimbursement.

Senate Finance Committee held hearings on three pieces of legislation that would impact municipalities. The first was a first hearing on HB 54, sponsored by Rep. Blessing (R- Colerain) and Rep. Gaverone (R - Bowling Green). HB 54 would create a bond bank under the administration of the State Treasurer's office to make loans to qualifying local government for permanent improvements. It is modeled after a similar program for local governments to buy bonds for water and sewer projects. Local governments could participate at their discretion.

Sen. Skindell (D - Lakewood) raised several questions about the bill. He noted most other states' bond banks were separate authorities and asked if the bond rating authority would be separate from the state, and whether the state would provide its own dollars to

the bond bank in order to provide the state's "full faith and credit" behind it. He also wanted to know if the state was the fallback if a local authority defaulted. The authors of the bill were willing to consider adding those provisions to the bill. Sen Skindell then wanted to know if the state was the fallback if a local authority defaulted: the authors were again unsure. Sen. Sykes (D - Akron) wanted to know how the bill differs from other means of borrowing money available to municipalities. The bill's authors said they would look into it.

A first hearing for SB 112, sponsored by Senate Minority Leader Sen. Schiavoni (D - Boardman). The bill would establish a green infrastructure fund and would appropriate \$10 million from the Ohio Public Utilities Commission and the Ohio Environmental Protection Agency for projects such as dam removal. Sen. Lehner (R - Kettering) wanted to know the estimated cost of total dam repair across the state. While he did not have specific numbers, Sen. Schiavoni referred to one dam removal that cost \$2.8 million. He said that while the proposed \$10 million wouldn't cover the costs for the hundreds of dams across the state in need of repair, it would be a start. Sen Lehner asked if the bill could ensure the \$10 million would not be used to simply patch up dams, resulting in more work and more cost down the road. Sen. Schiavoni said he would look into it. Sen. Tavares (D - Columbus) asked if the \$10 million could be used to leverage other funds. Sen. Schiavoni replied that the money would open the door for local governments to leverage other sources of funding (like federal dollars and support from local businesses) that would normally require the entity to provide matching funds.

Sen. Schiavoni then offered sponsor testimony on SJR 4, which would allow state bonds for water and sewer for local governments. If the resolution is approved, the legislature would have the authority to authorize up to \$100 million each year for 10 years for water and sewer capital improvement projects. These funds would serve as another tool in the toolbox for municipalities, allowing underfunded projects to move forward towards their much-needed completion. Sen. Schiavoni said he'd worked with local governments who had passed similar resolutions, clean water advocates, and organizations around the state on this resolution. As with the Senator's previous bill, the resolution would allow local governments to leverage other sources of funding.

REPORTS RELEASED REGARDING LEGACY CITIES, JOBS

The Greater Ohio Policy Center, in collaboration with the Lincoln Institute for Land Policy, released a report last week detailing the challenges and opportunities for revitalization facing America's smaller legacy cities. The report is an important resource in the continuing conversation with legislators regarding the key role legacy cities' revitalization plays in Ohio's future. Ohio cities featured in the report include Akron, Dayton, Hamilton, Lima and Youngstown. You can read the full report [HERE](#).

Another report of municipal interest was released last week by the U.S. Bureau of Labor Statistics, detailing the national unemployment rate and employment in major industries, including farming, manufacturing and construction. You can read a summary of the report [HERE](#).

EPA REQUESTS STAKEHOLDER FEEDBACK, RELEASES REPORT

The Ohio EPA is in an early stakeholder outreach phase regarding the five-year review of the implementation of water quality standards rule for Total Maximum Daily Loads (TMDLs) in Ohio Administrative Code (OAC) Chapter 3745-2. The rule, OAC 3745-2-12, covers the procedures for developing TMDLs for waters listed as impaired on Ohio's

303(d) list (list of waters that do not meet Ohio's water quality standards as required by Section 303(d) of the Clean Water Act).

Minor updates to style are being considered along with revisions necessary to be consistent with requirements for TMDLs in House Bill 49 of the 132nd General Assembly, signed by Governor Kasich on June 30, 2017. In addition, HB49 specifically requires the EPA to adopt rules that establish both of the following items. At this time, the EPA is requesting feedback on how these two items should be addressed in the draft rule:

- Procedures for providing notice to stakeholders.
- Criteria for determining significant public interest in TMDL development.

Stakeholder outreach is an opportunity to shape the direction of rules before staff begin drafting rule language. By sharing your comments early in the process, the EPA can consider different concepts and ensure their rule development takes into account the effects the rules will have. Additionally, there will be other opportunities to comment on specific rule language later in the rulemaking process.

You can locate the TMDL fact sheet [HERE](#). You can also sign up for future TMDL notifications [HERE](#).

In addition, the EPA has released their Big Darby Creek Watershed Biological and Water Quality Report for stakeholder comment. The public comment period for the report ends on September 29. You can read the EPA's press release and find the actual report [HERE](#).

COMMITTEE SCHEDULE FOR THE WEEK OF SEPTEMBER 10, 2017

Tuesday, September 12, 2017

SENATE LOCAL GOVERNMENT, PUBLIC SAFETY AND VETERANS AFFAIRS

Tue., Sep. 12, 2017, 9:45 AM, South Hearing Room

Sen. Uecker: 614-466-8082

[HB95](#)** DISTRACTED DRIVING PENALTY (HUGHES J, SEITZ B) To establish an enhanced penalty for committing a moving violation while distracted if the distraction is the apparent cause of the violation and to reenact provisions of law that specified that certain electronic wireless communications device violations were allied offenses of similar import.

First Hearing, Sponsor Testimony

Report(s): My Tracked Bills

[HB125](#)** TRAFFIC ORDINANCE JURISDICTIONS (CRAIG H, SEITZ B) To specify the jurisdiction of municipal and county courts over municipal traffic ordinances and to establish requirements governing fines, fees, or other charges for traffic violations and infractions imposed by a municipal corporation that does not have the authority to establish a mayor's court.

First Hearing, Sponsor Testimony

Report(s): My Tracked Bills, OML Legislative Report

HOUSE ECONOMIC DEVELOPMENT, COMMERCE AND LABOR

Tue., Sep. 12, 2017, 1:30 PM, Hearing Room 113

Rep. Young: 614-644-6074

HB263

OUTDOOR DINING-DOGS (LANESE L) To generally allow an owner, keeper, or harbinger of a dog to take the dog in an outdoor dining area of a retail food establishment or food service operation.

First Hearing, Sponsor Testimony

SENATE FINANCE

Tue., Sep. 12, 2017, 1:30 PM, Senate Finance Hearing Room

Sen. Oelslager: 614-466-0626

HB54**

STATE REVENUE OBLIGATIONS (BLESSING III L, GAVARONE T) To authorize the Treasurer of State to issue revenue obligations of the state for the purpose of making loans to qualifying public entities for their acquisition of permanent improvements through the Treasurer of State's purchase of public obligations of those qualifying entities.

Second Hearing, Proponent Testimony

Report(s): My Tracked Bills, OML Legislative Report

HOUSE FEDERALISM AND INTERSTATE RELATIONS

Tue., Sep. 12, 2017, 2:30 PM, Hearing Room 115

Rep. Roegner: 614-466-1177

HB142**

NOTIFYING POLICE OF CONCEALED CARRY (WIGGAM S) To eliminate the requirement that a concealed handgun licensee notify a law enforcement officer that the licensee is carrying a concealed handgun when stopped.

Fifth Hearing, No Testimony, SUBSTITUTE BILL

Report(s): My Tracked Bills, OML Legislative Report

Wednesday, September 13, 2017

HOUSE INSURANCE

Wed., Sep. 13, 2017, 10:00 AM, Hearing Room 116

Rep. Brinkman: 614-644-6886

HB268**

WORKERS COMPENSATION-SELF-INSURERS (HENNE M) To make changes to the Workers' Compensation Law with respect to self-insuring employers.

First Hearing, Sponsor Testimony

Report(s): My Tracked Bills, OML Legislative Report

HB269**

WORKERS COMPENSATION OVERHAUL (HENNE M) To rename the entities who carry out workers' compensation functions in this state, to require the Administrator of Worker Safety and Rehabilitation to develop incentives for employers to participate in safety consultations and loss prevention programs, to require an employee who is receiving temporary total disability compensation to comply with a return to work plan, and to

make changes with respect to compensation for permanent total disability and death benefits.

First Hearing, Sponsor Testimony

Report(s): My Tracked Bills, OML Legislative Report

HOUSE CIVIL JUSTICE

Wed., Sep. 13, 2017, 2:30 PM, Hearing Room 122

Rep. Butler, Jr.: 614-644-6008

OR AFTER SESSION

HB267** LOCAL LIABILITY-VEHICLE NEGLIGENCE (INGRAM C) To eliminate certain defenses to political subdivision liability for an employee's negligent operation of a motor vehicle and to reduce damages recoverable against a political subdivision in such actions by the contributory fault of the plaintiff or other parties.

First Hearing, Sponsor Testimony

Report(s): My Tracked Bills, OML Legislative Report

Thursday, September 14, 2017

**TASK FORCE ON HEROIN, OPIOIDS, PREVENTION,
EDUCATION AND SAFETY (H.O.P.E.S)**

Thu., Sep. 14, 2017, 1:00 PM, Bowling Green State University

Rep. Robert Sprague, Chair

This first public roundtable of this task force will be held in the Ron Dye Conference Room, Bureau of Criminal Investigation (BCI) Building, Bowling Green State University, 750 N. College Dr., Bowling Green. Public officials and local advocates are invited to attend this 1.5 hour roundtable.

**CHECK OUR WEBSITE MONDAY FOR ANY COMMITTEE SCHEDULE
UPDATES**

Meeting/ Training

Mayors Court Refresher Courses	August 11, October 6 & November 3	<u>Registration Information</u>
OML/OMAA Webinar: Nuisance Abatement	September 14th 10:00 ~ 11:00 am	<u>Registration Information</u>
OML Annual Conference	November 1 ~ 3	<u>Registration Information</u>

[Ohio Municipal League](#)

Legislative Inquires:

[Kent Scarrett, Executive Director](#)

[Edward Albright, Deputy Director](#)

[Josh Brown, Director of Communications](#)



Update

A weekly newsletter presented by AMP President/CEO Marc Gerken

September 1, 2017



September 2010



October 2011



July 2013



May 2014



November 2015



April 2017

Smithland hydro plant begins commercial operation

By Marc Gerken, PE - president & CEO

AMP is pleased to announce that the third and final unit of the Smithland Hydro Plant began full commercial operation on Aug. 31. The facility is now officially under the care, custody and control of AMP operations, and is supplying power to 79 participating AMP member communities in five states. The 76-megawatt (MW) run-of-the-river facility is located near Smithland, Kentucky.

This important asset is part of AMP's commitment to further diversify our power supply portfolio by developing sustainable generating resources. This facility will provide long-term value and reliability to our participating members.

Smithland is the final hydro project to come online as part of AMP's hydro development efforts. Combined, AMP developed four projects with a total of eleven (11) units, to bring more than 300 MW of new hydropower into their portfolio. The projects represent the largest deployment of new run-of-the-river hydro in the nation. Other projects include the 88-MW Cannelton plant and 44-MW Willow Island plant, along with the 105-MW Meldahl plant, which AMP developed in partnership with the City of Hamilton, OH. All four projects are on existing dams on the Ohio River.

On behalf of the Board and participating members, AMP would like to give our sincere appreciation to everyone who was involved to make these projects come to fruition.

Competitors showcase skills in 2017 Lineworkers Rodeo

By Michelle Palmer, PE - vice president of technical services

Lineworkers representing nine members in Ohio and Michigan showed off their skills in the fourth annual AMP Lineworkers Rodeo on Aug. 26.

Participants from Bryan, Coldwater, Cleveland, Cuyahoga Falls, Jackson Center, Piqua, Tipp City, Wadsworth and Westerville competed in events including 600A switch transfer, angle shoe change out and others - each designed to replicate the tasks and test the skills demanded daily in the field.



Winners were evaluated and scored on safety, work practices, neatness, ability, equipment handling and timely event completion. Overall winners will be offered sponsorship to attend and compete in the American Public Power Association (APPA) Rodeo in 2018. A full list of competitor's event scores and photos from the Rodeo are available on the AMP [website](#).

Thank you to all of the volunteers, judges and sponsors who helped make this year's Rodeo a success.

APPRENTICE



Overall Winners - Apprentice: From left: Curtis Blase of Westerville, first place; Jeremiah Thomsen of Cleveland, second place; and Andrew Converse of Westerville, third place.

Apprentice Event Winners

Written Test

- 1st: Terin Seevers, Westerville
- 2nd: Nathan Hensley, Jackson Center
- 3rd: Curtis Blase, Westerville

Bay-O-Net Fuse

- 1st: Curtis Blase, Westerville
- 2nd: Lance Purviance, Wadsworth
- 3rd: Tony Freels, Tipp City

Hurtman Rescue

- 1st: Andrew Converse, Westerville
- 2nd: Brandon Flora, Tipp City
- 3rd: James Nelson, Cleveland

New Service Event

- 1st: Lance Purviance, Wadsworth
- 2nd: Jeremiah Thomsen, Cleveland
- 3rd: Brandon Flora, Tipp City

Angle Shoe Change Out

- 1st: Jeremiah Thomsen, Cleveland
- 2nd: Scott Smith, Wadsworth
- 3rd: Brandon Flora, Tipp City

Overall

- 1st: Curtis Blase, Westerville
- 2nd: Jeremiah Thomsen, Cleveland
- 3rd: Andrew Converse, Westerville

INDIVIDUAL JOURNEYMAN



Overall Winners - Journeyman: From left: Shemill Johnson of Cleveland, first place; David Overman of Jackson Center, second place; and William Houser of Cuyahoga Falls, third place.

Individual Journeyman Event Winners

Hurtman Rescue

- 1st: William Houser, Cuyahoga Falls
- 2nd: Dan Cline, Piqua
- 3rd: Blake Caporaletti, Cuyahoga Falls

Angle Shoe Change Out

- 1st: David Overman, Jackson Center
- 2nd: Dan Cline, Piqua
- 3rd: Shemill Johnson, Cleveland

Bay-O-Net Fuse

- 1st: David Overman, Jackson Center
- 2nd: William Houser, Cuyahoga Falls
- 3rd: Shemill Johnson, Cleveland

New Service Event

- 1st: Blake Caporaletti, Cuyahoga Falls
- 2nd: William Houser, Cuyahoga Falls
- 3rd: Dan Cline, Piqua

600A Switch Transfer

- 1st: William Houser, Cuyahoga Falls
- 2nd: Shemill Johnson, Cleveland
- 3rd: Blake Caporaletti, Cuyahoga Falls

Overall

- 1st: Shemill Johnson, Cleveland
- 2nd: David Overman, Jackson Center
- 3rd: William Houser, Cuyahoga Falls

JOURNEYMAN TEAM



Overall Winners - Team: First place team members from Westerville are (from left): Chris Revennaugh, Michael Roark and Cody Leitner.

Team Event Winners

Hurtman Rescue

- 1st: Westerville Electric Division
- 2nd: Bryan Municipal Utilities
- 3rd: Tipp City Electric

URD

- 1st: Westerville Electric Division
- 2nd: Bryan Municipal Utilities
- 3rd: Tipp City Electric

Angle Shoe Change Out

- 1st: Westerville Electric Division
- 2nd: Tipp City Electric
- 3rd: Bryan Municipal Utilities

600A Switch Replacement

- 1st: Bryan Municipal Utilities
- 2nd: Tipp City Electric
- 3rd: Westerville Electric Division

Three Phase Tie

- 1st: Westerville Electric Division
- 2nd: Bryan Municipal Utilities
- 3rd: Tipp City Electric

Overall

- 1st: Westerville Electric Division
- 2nd: Tipp City Electric
- 3rd: Bryan Municipal Utilities



Overall Winners - Team: Second place team members from Tipp City are (from left): Ryan McCarroll and Mark Reed.



Overall Winners - Team: Third place team members from Bryan are (from left): JJ Rupp, Brandon Suffel and Brad Plummer.

View more event photos below

Energy markets update

By Jerry Willman - assistant vice president of energy marketing

The October 2017 natural gas contract rose \$0.101/MMBtu to close at \$3.040 on its second day as the new prompt month contract yesterday. The prompt contract settled above \$3.00 for the first time since mid-July. The EIA reported an injection of 30 Bcf for the week ending Aug. 25 which was neutral with analyst expectations.

On-peak power prices for 2018 at AD Hub closed yesterday at \$35.75/MWh which was \$.04/MWh lower for the week.

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

Week ending Sept. 1

MON	TUE	WED	THU	FRI
\$30.69	\$27.70	\$30.51	\$28.64	\$24.17

Week ending Aug. 25

MON	TUE	WED	THU	FRI
\$42.95	\$36.61	\$28.84	\$26.71	\$26.75

AEP/Dayton 2018 5x16 price as of Aug. 31 — \$35.75

AEP/Dayton 2018 5x16 price as of Aug. 24 — \$35.79

AFEC weekly update

By Jerry Willman

The Fremont plant was available for 2x1 operation for the week. Due to economics, the plant was off-line all day Sat. and Sun. The plant was fully dispatched during the on-peak hours but cycled off-line overnight each weekday except for Tues. Duct firing operated for 15 hours this week. The plant generated at a 30% capacity factor (based on 675 MW rating).

Electric vehicles brief now available for download

By Erin Miller - director of energy policy and sustainability

In response to members' increased interest in electric vehicles (EV), AMP staff has compiled a comprehensive EV briefing document that is downloadable from the AMP website. Information includes: the amount of power EVs use; the different types of vehicles and supply equipment; operational considerations; locations of public charging stations; and a sample of incentives/rebates offered by utilities and municipalities. The EV briefing document can be found on the Focus Forward web page (under "Electric Vehicles") on the [Member Extranet](#) (login required).

In addition, the American Public Power Association (APPA) will be holding an EV Interest Group conference call on Sept. 25 at 2 p.m. Register for this call [here](#). If you have questions, please contact Patricia Keane at pkeane@publicpower.org or 202.467.2989.

APPA is also hosting a webinar titled "Charging ahead with electric vehicles," on Sept. 26 at 2 p.m. that will focus on new developments and advances in EVs and how they are impacting the utility industry. The webinar will feature innovative public power EV programs and provide insights on working with customers to spur investment in EVs, developing fair pricing models, and planning for potential load growth.

If you have any questions or need additional information, please contact me at emiller@amppartners.org or 614.540.1019.

Hollman joins AMP marketing staff

By Harry Phillips - director of marketing/member relations

Marni Hollman is the newest member of the AMP team, joining the organization this week as manager of marketing/member relations. Her responsibilities will include supporting membership development through education of power supply portfolios, energy markets and subscription of new AMP projects.

Marni comes to AMP from the Critical Infrastructure and Protection (CI&P) unit of Ohio Homeland Security, where she served as a program administrator. She assisted with development of Ohio law by collaborating with stakeholders that included energy sector partnerships, education, and development of the agency's mission. She holds a bachelor's degree in social and behavioral sciences from Ohio State University.

Please join me in welcoming Marni to AMP.



TEA celebrates 20th anniversary

Provided by The Energy Authority



The Energy Authority (TEA) celebrated 20 years of trading electricity on Aug.18. AMP joined TEA as an equity owner in 2009.

TEA was formed in 1997 - a year after the Federal Energy Regulatory Commission (FERC) issued landmark orders designed to create a competitive market system for trading electricity. Recognizing both the existential threat and unique opportunity this disruption created for public power, three forward-thinking utilities in the Southeast (JEA of Florida, MEAG Power of Georgia and Santee Cooper of South Carolina) came together to form a power marketing firm with a revolutionary business model: use economies of scale to give community-owned utilities access to the financial expertise, advanced technology and utility operations experience they would need to be competitive in this new environment.

TEA has evolved from a bilateral power trading company to a diverse organization offering a wide range of service options, including full-service energy portfolio management, RTO management and trading, natural gas management, bilateral energy trading, power supply management, and advisory services. In total, TEA serves over 50 public power utilities.

"Our public power roots and core values create a strong foundation that enables us to evolve, adapt, and provide solutions to new challenges facing the utility industry. We look forward to what the future holds and will continue to empower community-owned utilities as they serve over 40 million Americans nationwide," said Joanie Tefilo, TEA's president & CEO, and a member of TEA's original launch team.

Classifieds

Police dispatcher position available in Napoleon

The City of Napoleon is currently accepting applications for the position of Police Dispatcher. This position is responsible for monitoring and dispatching police officers and fire personnel; handles emergency calls and requests for assistance; transmits critical data to appropriate personnel; maintains a variety of records; maintains files and logs; required to work a variety of shifts; must be able to handle a high stress environment; performs other related duties as required. Applicant must possess a valid State of Ohio Driver's License, has to pass a background investigation and also be able to be licensed to access state computer systems. Applicant is required to complete an on-the-job training course and type 35 wpm. This is a full-time position with a pay rate of \$15.98 - \$20.82 per hour. During the training course, the pay rate will be \$11.95 per hour. Experience is not required but is preferred. A successful candidate may be required to submit to drug testing and/or medical examination post-job offer. Applications may be obtained beginning Fri., Sept 1, 7:30 a.m. - 4:00 p.m. from the City of Napoleon's Administration Building, 255 W. Riverview Ave., PO Box 151, Napoleon, Ohio, 43545. Applications can also be downloaded from the City of Napoleon's website at www.napoleonohio.com. A properly completed notarized application must be returned to the above address by 4:00 p.m. on Fri., Sept. 15, to be considered. Applications submitted without following the above requirements will not be considered for employment. The City of Napoleon is an Equal Opportunity Employer.

Arcadia seeks Village Administrator

The Village of Arcadia is seeking qualified, professional candidates for the position of Village Administrator. Arcadia village is located in Hancock County. The Village Administrator is the chief administrative officer for the Village and is responsible for: managing all public utilities, supervising the maintenance of all public places, streets, and sidewalks in the Village, working under the direction of and implementing the decisions of the Mayor and Council, overseeing the procurement of materials and services, addressing the concerns of residents, supervising employees and administering employee policies, supervising the operations of the Village's services, and other related duties as are provided by law or as may be assigned.

Candidates must have a high school diploma and the salary range for this position is dependent upon education and experience. Employee benefits are not available for this position.

Qualified candidates must have a valid Ohio driver's license, must be insurable and bondable, and must pass a drug screen and criminal background check. Interested candidates should submit a cover letter, resume and professional references to Mayor Matt Tesnow, Village of Arcadia, P.O. Box 235, 104 South Gibson Street, Arcadia, Ohio 44804 or email arcadiamayor@tds.net by close of business on Sept. 15.

We provide equal employment opportunity for everyone, regardless of race, color, national origin, religion, gender, sexual orientation, age, marital status, pregnancy, disability or veteran status.

Water treatment plant operator needed in Bowling Green

The City of Bowling Green's Water Supply Division is seeking a water treatment plant operator with an OEPA Class III Treatment Certification (Class III Certification required at time of application.)

This position is responsible for the safe, efficient and compliant operation and maintenance of the City's Water Treatment Plant. Performs laboratory analyses; oversees plant operations; collects and tests water samples; inspects plant and equipment, and makes adjustments; ensures proper levels of clear-well and water towers; records chemical feed amounts, meter readings, plant flow; maintains records; cleans and paints; trains employees; performs preventive maintenance - both electrical and mechanical; handles hazardous and toxic chemicals; operates lime application equipment; conducts tours; and performs other related duties as assigned. High school diploma or equivalent; valid Ohio Class III Water Treatment Certification required at time of application; Chemical Analysis Certification required; three to five years of relevant experience required. A copy of the job description will be provided to applicants. Interested persons must complete an application that is available in the Personnel Department, 304 North Church Street, Bowling Green, OH 43402. The City's employment application is located online at <http://www.bgohio.org/departments/personnel-department/employment-opportunities>. Resumes may be included, but will not substitute for a completed application. Telephone: (419)354-6200 Email: BGPersonnel@bgohio.org Office hours: 8 a.m. - 4:30 p.m. (M-F)

Application deadline is Sept. 5 at 4:30 p.m. AA/EEO

Pay Grade 6 - BGEO Contract (\$21.42 - \$27.35 per hour)

Galion looking for electrical distribution superintendent

Galion Municipal Electric Division is seeking an individual to direct the operation of the municipal electric distribution system. Essential duties include planning and supervising the construction, operation and maintenance of the electric distribution system, staff management/direction and budget oversight. Minimum requirements include five years of experience operating a municipal electric system, completion of two years of college-level coursework in engineering or business or equivalent, and supervisory experience. Valid Ohio commercial driver license required. Salary range: \$40,000-\$85,000/year with excellent benefits. Galion (pop. 10,512) is located in North Central Ohio and offers a small-town setting and affordable housing. Full job description is available on www.galion.city. Submit cover letter and resume by Sept. 22 to Mayor Thomas M. O'Leary, 301 Harding Way E., Galion, OH 44833 or by email to nicoleward@galion.city. EOE

Opportunities available at AMP

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

[Smithland Hydro Plant Operations and Maintenance Supervisor](#)

[System Administrator \(Infrastructure\) or Senior System Administrator \(Infrastructure\)](#)



[Visit AMP's Facebook page for more AMP Rodeo photos](#)