Memorandum

To: Mayor and Members of Council

cc: City Manager, Finance Director, City Law Director

From: Roxanne

Subject: General Information
Date: October 9, 2017

CALENDAR

AGENDAS

Monday, October 9th

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

- 1. Approval of Minutes.
 - A copy of the minutes from the September 11th meeting are enclosed.
- 2. Review/Approval of the Power Supply Cost Adjustment Factor for October, 2017
 - the reports are attached.
- 3. Discussion on Transmission Operator for Northside Substation.
- 4. Electric Vehicle Rebate (Tabled).
- 5. Electric Department Report
 - the reports from September 2017 are enclosed
- 6. Citizens Communications.

WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE @7:00 pm

- 1. Approval of Minutes.
 - The minutes for the September 11, 2017 meeting are attached.
- 2. Review of City's Baq Refuse Service. (w/BOPA)
 - A copy of Ordinance No. 088-08 is included in your packet.
- 3. Sewer Rate Review with Courtney and Associates. (w/BOPA)
- 4. Citizens Communications.
- At Greg's direction, included in your packet is information for the Division of Utility Billing and Income Tax Department developed for the Citizens Academy.

CANCELLATIONS

- 1. Municipal Properties, Building, Land Use and Economic Development Committee
- 2. Building of Zoning Appeals
- 3. Planning Commission

INFORMATIONAL ITEMS

- 1. Spec Building Groundbreaking/Monday, October 16th at 6:00 pm.
- 2. AMP Update/September 29, 2017
- 3. OML Legislative Bulletin/October 6, 2017

OCTOBER 2017

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
	6:00 pm Ad-hoc Comm.		-	_		_
	on COUNCIL RULES					
	6:55 pm					
	Special Council Mtg					
	7:00 pm					
	City Council					
8	9	10	11	12	13	14
	6:30 pm - Electric					
	Committee & BOPA					
	7:00 pm					
	Water/Sewer Comm.					
15	16	17	18	19	20	21
13	10	1/	10	19	20	<u> </u>
	6:00 pm - Spec Bldg.	5:00 pm			9:00 am	
	Ground Breaking	Preservation			Healthcare Cost	
	6:00pm Tree Commission	Commission Mtg.			Committee Mtg.	
	7:00 pm – City Council					
22	23	24	25	26	27	28
	6:30 pm – Finance &	4:30 pm	6:30 pm			
	Budget Committee	Civil Service Comm.	Park & Rec Board			
	7:30 pm – Safety &					
	Human Resources					
29	30	31				

NOVEMBER 2017

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
			_	_		-
5	6	7	8	9	10	11
	6:15 pm				8:00 am	8:00 am
	Technology Committee				Joint Special Mtg.	Joint Special Mtg.
	7:00 pm - Council				City Council and Finance & Budget	City Council and Finance & Budget
					Comm	Comm.
12	13	14	15	16	17	18
	6:30 pm - Electric					
	Committee & BOPA	4:30 pm				
	7:00 pm	Board of Zoning				
	Water/Sewer Comm.	5:00 pm				
	7:30 pm – Municipal	Planning Commission				
	Properties ED Comm.					
19	20	21	22	23	24	25
	6:00 pm					
	Parks & Rec Committee			Thanksgiving		
	Tree Commission			Day		
	6:15 pm –Adhoc			OFFICES CLOSED		
	Strategic Vision					
	7:00 pm					
	City Council					
26	27	28	29	30		
	6:30 pm – Finance &	4:30 pm	6:30 pm			
	Budget Committee	Civil Service Comm.	Park & Rec Board			
	7:30 pm – Safety &					
	Human Resources					

City of Napoleon, Ohio

ELECTRIC COMMITTEE

Amended Meeting Agenda

Monday, October 09, 2017 at 6:30 pm

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

- 1) Approval of Minutes from September 11, 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 October, 2017: PSCAF – three (3) month averaged factor \$0.01052 JV2 \$0.007586 JV5 \$0.007586
- 3) Discussion on Transmission Operator for Northside Substation.
- 4) Electric Vehicle Rebate. (Tabled)
- 5) Electric Department Reports.
- 6) Citizens Communications.
- 7) Any other matters to come before the Committee.
- 8) Adjournment.

Gregory J. Heath

Finance Director/Clerk of Council

City of Napoleon, Ohio

ELECTRIC COMMITTEE

Meeting Minutes

Monday, September 11, 2017 at 6:30 pm

P	R	ES	F	N	т

Committee Members

Board of Public Affairs

City Staff

Travis Sheaffer-Chair, Lori Siclair

Mike DeWit-Chair, Dr. David Cordes arrived at 6:37 pm, Nick Frysinger

Greg Heath, Finance Director/Clerk of Council

Joel Mazur, City Manager

Dennie Clapp, Electric Distribution Superintendent

Recorder/Records Clerk

Others ABSENT Roxanne Dietrich Newsmedia

vewsmear

Committee Member Dan Baer

Call to Order

Chairman Sheaffer called the Electric Committee meeting to order at 6:34 pm.

Approval of August 14, 2017 Meeting Minutes

Hearing no corrections or objections, the meeting minutes of August 14, 2017

stand approved.

September 2017 PSCAF

Heath said he does not anticipate the PSCAF going down soon.

Motion to Accept BOPA Recommendation to Approve September 2017

PSCAF

Motion: Siclair Second: Sheaffer

to approve the recommendation of the Board of Public Affairs to approve the PSCAF for September 2017 as: PSCAF three month averaged factor \$0.01042,

JV2 \$0.022959 JV5 \$0.022959.

Passed

Roll call vote on the above motion:

Yea-Siclair, Sheaffer

Nay-0 Nay-

Motion to Untable
Transmission Operator for
Northside Substation

Motion: Siclair Second: Sheaffer

to untable Discussion on Transmission Operator for Northside Substation.

Passed Roll call vote on above motion:

Yea-2 Yea-Siclair, Sheaffer

Nay-0 Nay-

Mazur said we have heard the City of Cuyahoga Falls sold their transmission asset and believe the City of Hudson will follow suit that puts Napoleon and Wadsworth in the position that I'm comfortable with the recommendations from the last meeting. First Energy did the walk through; however, we have yet to receive a formal offer.

Dr. Cordes asked if the lack of offer takes some of the time frame responsibility off Napoleon. Mazur replied unofficially yes, other communities that went this route had their response time delayed. DeWit confirmed we are working towards the position that we will still maintain control of our asset that the City built. Mazur said yes, the cost for monitoring and maintaining our asset will be close to \$120,000/year, all is recoverable as will be the compliance cost, valuation of the asset and hard costs, including legal costs, consulting, administration, insurance, control center costs (at \$10,000/month), we will need at least 6% to recover our costs and could see a 10.38% return in equity. If our asset goes away we lose our ability to serve. Clapp stated whoever we hire as our transmission operator the startup cost will be considerable. The initial cost could be around \$150,000 that is on top of the monthly cost the cost will include putting their wires on our stuff to monitor our system 24 hours a day/seven days a week.

Electric Vehicle Rebate Remained Tabled Electric Vehicle Rebate remained tabled.

Portfolio Realignment Opportunity Mazur said every year AMP solicits members to see if there is interest in realigning their power supply portfolio, I signed a letter of intent saying we may be interested in purchasing. Our options are Fremont, Prairie State, Meldahl Hydro or Greenup Hydro. If we were to buy, my recommendation would be Fremont; there is no interest in Prairie State; and I'm on the fence with Meldahl and Greenup. There was discussion on this being an opportunity for us to shave high expenses, is hydro considered green power and that it is cheaper to make power from Fremont than buy off the market.

Electric Department
Participation in City of
Tallahassee Relief Efforts

Clapp reported last Friday they received a call from the Red Sector Coordinator for AMP looking for crews interested in providing mutual aid to Tallahassee, Flordia. Tallahassee is a sister public power community and AMP also reached out to crews from the City of Bryan, Coldwater, Montpelier and Bowling Green. Napoleon's crew of Tom Dennie, Jeremy Gustwiller and Ryan Pahl left at 5:30 am Sunday, food and lodging will be provided for the crews. FEMA may call upon the crew to move onto other areas of the State needing help. We will be reimbursed for all hours. DeWit asked what equipment are they using. Clapp said we sent the new bucket truck and also the digger derrick truck. Tony Kuhlman checked both trucks over before they left so they are in the best possible condition. DeWit asked about insurance, Clapp said that was checked out before the guys left. DeWit commented that it would be nice to do a Press Release to let people know Napoleon is helping out. Mazur stated initially he was concerned about compromising our system but does not feel that will be a problem, should something come up that we need help, we can get mutual aid from other communities.

Electric Department Report

Clapp said there were only three callouts in August. The peak load had a 4.07 MW decrease from last year and the average load decreased 2.45 MW compared to August of 2016, the AMP solar field peaked at 3.36 MW.

Motion to Adjourn
Electric Committee
Meeting

Motion: Siclair
to adjourn the Electric Committee meeting at 7:33 pm.

Roll call vote on the above motion:
Yea-2

Yea-Siclair, Sheaffer

Nay-

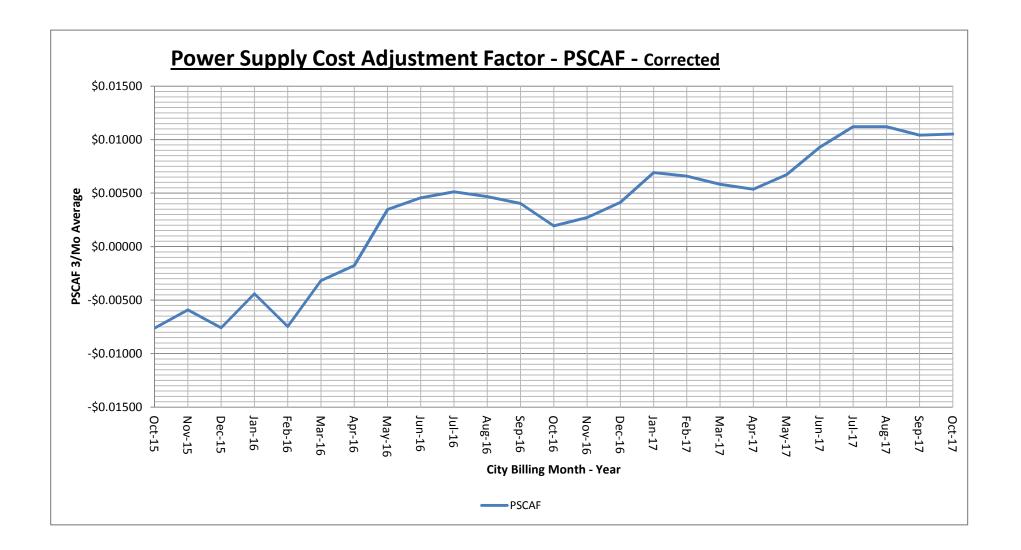
Approved

Nay-0

October 09, 2017

Travis Sheaffer - Chairman

					City	/ (of Napoleon,	OI	hio						
		POWER SU	PP	LY COST AD	JUSTMENT F	_				ΓA	TION OF MO	N	THLY PSO	CAF	•
			_		CORRECTE	_						_			
AMP	PSCAF	AMP - kWh	Pu	rchased Power					Rolling		Less: Fixed		PSCA	P	SCA-Corrtd
Billed	City	Delivered		Supply Costs	Rolling 3-N	Λо	nth Totals		3 Month		Base Power		Dollar		3 MONTH
Usage	Billing	As Listed on	•	=Net of Known)	Current + P	ric	or 2 Months		Average		Supply		Difference		VG.FACTOR
Month	Month	AMP Invoices	(+	OR - Other Cr's)	kWh		Cost		Cost	L	Cost		+ or (-)	+	Line Loss
(a)	(b)	(c)		(d)	(e)		(f)		(g)		(h)		(i)		(j)
		Actual Billed	Act	ual Billed w/Cr's			d + prior 2 Mo		f/e		0.07194 Fixed		g + h		i X 1.075
Mar '16	May '16			1,017,837.14	41,122,559				0.07516			-	0.00322	-	0.00346
Apr '16	June '16			897,981.75	38,441,762				0.07618		(0.07194)\$		0.00424		0.00456
May '16	July '16		\$	976,900.73	37,711,275				0.07671		(0.07194)\$	-	0.00477	- 400	0.00513
June '16	Aug '16		\$	1,068,079.71	38,575,998	777			0.07629		(0.07194)\$	_	0.00435	125	0.00468
July '16	Sep '16	14,844,510	*\$	1,080,619.47	41,287,533				0.07570		(0.07194)\$		0.00376	2011	0.00404
Aug '16	Oct '16		_	1,210,058.88	45,548,332	1700			0.07374		(0.07194)\$	-	0.00180	2	0.00194
Sep '16	Nov '16	13,547,772	\$	1,079,259.61	45,256,334	150	Total and the state of the stat		0.07446		(0.07194)\$		0.00252	135	0.00271
Oct '16	Dec '16	12,402,405	\$	955,761.68	42,814,229	10.			0.07579		(0.07194)\$		0.00385	33	0.00414
Nov '16	Jan '17	12,220,092	\$	956,580.93	38,170,269				0.07838	100	(0.07194) \$		0.00644	0	0.00692
Dec '16	Feb '17	13,827,811	\$	1,089,497.78	38,450,308	\$			0.07807	100	(0.07194) \$,	0.00613	.53	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	120	0.00583
Feb'17	Apr '17	11,866,614	*\$	912,320.61	39,351,127	\$	3,027,464.30	\$	0.07693		(0.07194) \$	5	0.00499	25	0.00536
Mar'17	May '17	12,936,492	\$	1,069,577.85	38,459,808				0.07820		(0.07194) \$,	0.00626	1.00	0.00673
Apr'17	June '17	11,497,068	\$	943,085.70	36,300,174	\$	10.00	2.5	0.08058	18.0	(0.07194) \$	-	0.00864	185.	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	177	(0)		0.08168		,		0.00974	100	0.01047
July'17	Sep '17	14,573,346	\$	1,192,319.89	40,367,108	\$	3,295,254.14	\$	0.08163			5	0.00969	\$	0.01042
Aug'17	Oct '17	14,326,956	\$	1,182,800.05	42,480,669	\$	3,472,029.96	\$	0.08173	\$	(0.07194) \$		0.00979	\$	0.01052
												T			
* Other (-)	Credits / (+) Debits Includ	ed i	n Purchased Pov	ver Costs, Not Li	ist	ed on AMP Billir	ngs	<u>:</u>						
PSCAF - F	Preparers S	Signature:	-						PSCAF - Rev	vie	wers Signatur	ъ.		+	
Name -		Heath, Financ	e D	irector					Name -		ori A. Rausch, U		ity Billina Ad	min	istrator
	2.230.70.	11/1/							0			T	.,		
An	coon	Weath	>	9/21/2017					Dow		a Kau	0	ch		9/21/2017
Signature				Date					Signature		1				Date



City-Mentry Billing Cycle	BILLING SUMMARY AND CONS	SUMPTION f	or BILLING	GCYCLE -	OCTOBER	<u>R, 2017</u>				
DATA PERIOD MONTH-/ TR DAYS IN MONTH-MUNICAL PEREX TO PASS IN MONTH PARK TO										
AMP-OTO BIMONTH ORPOSSERENDA Month (SEPTEMBER 2017) 30 CITOBER 2017) 31 CITY Monthly Billing Cycle PURCHASED POWER-RESOURCES 2016 (SEPTEMBER 2017) 31 AMP-OTO SCHED, 64 TSI CHED, 64 TSI C	PREVIOUS MONTH'S POWER BILLS - PL	IRCHASED POV	VER KWH AN	D COST ALLO	CATIONS BY	DEMAND & EN	NERGY:			
City-Specified Data Month City-Monthly Billing Cycle Control Contr	DATA PERIOD	MONTH / YR	DAYS IN MONTH	MUNICIPAL PEAK						
City-Specified Data Month City-Monthly Billing Cycle Control Contr	AMP-Ohio Bill Month	AUGUST, 2017	31	29.470						
### CONTRACTED AND OPEN MARKET POWER ### PAPPING POWER ### PIRCHASED POWER RESOURCES (### PIRCHASED RESOURCES (###	City-System Data Month									
PURCHASED POWER-RESOURCES -> (City-Monthly Billing Cycle	OCTOBER,2017	31							
PURCHASED POWER FASOURCES 3- C STORE Deliver of With (On Peak) > Service			=CONTRACTE	AND OPEN MA	RKET POWER==		==PEAKING==			IYDRO POWER=
Delivered kWh (On Peak) - 68.779 3.212.840 3.288.500 2.827.200 4.86.689 641 1.566.800 218.724 143.84 Delivered kWh (Replacement) Losses (Offset) - 5.000 2.827.200 3.288.500 2.827.200 4.86.689 641 1.566.800 218.724 143.84 Delivered kWh (Replacement) Losses (Offset) - 5.000 2.827.200 4.86.689 641 1.566.800 218.724 143.84 Delivered kWh (Replacement) Losses (Offset) - 5.000 2.827.200 4.86.689 641 1.566.800 218.724 143.84 Percent % of Total Power Purchaseds - 0.4103% 22.42271% 22.8253% 78.7234% 1.6701% 0.0040% 171.14594 1.5667% 1.00407 Delivered kWh (Replacement) Losses (Offset) - 6.000 2.827.200 4.86.730 641 1.566.800 218.724 143.84 Percent % of Total Power Purchaseds - 0.4103% 22.42271% 22.8253% 78.7234% 1.6701% 0.0040% 171.14594 1.5667% Delivered kWh (Replacement) Losses (Offset) - 6.000 2.837.401 (0.000 2.837.201 2.827.200 4.80.730) Delivered kWh (Replacement) Losses (Offset) - 6.000 2.837.401 (0.000 2.837.201 2.827.200 4.80.730) Delivered kWh (Replacement) Losses (Offset) - 6.000 2.837.201 (0.000 2.837.201 2.827.200 4.80.730) Delivered kWh (Replacement) Losses (Offset) - 6.000 2.837.201 (0.000 2.837.201 2.827.200 4.80.730) Delivered kWh (Replacement) Losses (Offset) - 6.000 2.837.201 (0.000 2.837.201 2.82	(FREEMONT	PRAIRIE STATE	MORGAN STNLY.	NORTHERN	JV-2	AMP-HYDRO	MELDAHL-HYDRO	GREENUP HYDRO
Delivered kWN (Cf Peaks) - 58,779	PURCHASED POWER-RESOURCES -> (AMP CT	ENERGY	CHED. @ PJMC 8	REPLMNT.2015-20	POWER	PEAKING	CSW	SCHED. @	SCHED. @
Delivered WM (Replacement) (Conservation Delivered WM (Replaceme	(SCHED. @ ATSI	SCHEDULED	REPLMT@ PJMC	7x24 @ AD	POOL	SCHED. @ ATSI	SCHED. @ PJMC	MELDAHL BUS	GREENUP BUS
Delivered With [Replacement(Losseo/Clind) > belivered With as Billed > 58,779 3,212,840 3,288,569 2,827,200 368,787 641 1,596,800 218,724 143,84 Fercent % of Total Power Purchased > 0.4103% 22.4251% 22.6533% 19.7334% -1.8761% 0.0045% 11.1464% 1.5267% 1.00407 11.1464% 1.00407 11.1464% 1.5267% 1.00407 11.1464% 1.00407 11.1464% 1.5267% 1.00407 11.1464%	Delivered kWh (On Peak) ->	58,779	3,212,840	3,288,509	2,827,200	301,565	641	1,596,800	218,724	143,843
Delivered WWh as Billed > S8,779 3.112,840 3.288,509 2.827,200 285,787 641 1,596,600 218,724 143,84 15,867,79 3.112,840 3.288,509 2.827,300 285,787 641 1,596,600 218,724 143,84 15,867,76 1,004,000 1,004	Delivered kWh (Off Peak) ->					426,689				
Net Total Delivered kWh as Billed >	Delivered kWh (Replacement/Losses/Offset) ->									
Percent % of Total Power Purchased > 0.4103% 22.4251% 22.9533% 19.7334% -1.8761% 0.0045% 17.1454% 1.5867% 1.00407 COST OF PURCHASED POWER; DEMAND CHARGES (-Debtis) Demand Charges S31,620,00 \$54,740,14 \$56,868.27 Demand Charges S42,202,00 \$44,291,71 \$99,228.85 Demand Charges Demand Charges Demand Charges Demand Charges Demand Charges Demand Charges S46,880,50 \$47,201,21 \$30,251,14 \$17,610.96 S47,201,21 \$30,251,14 \$17,610.96 S47,201,21 \$30,251,14 \$17,610.96 S47,201,21 \$30,251,14 \$17,972,24 \$11,703.49 Demand Charges S46,880,50 \$47,701,71 \$138,486.16 Demand Charges De	Delivered kWh/Sale (Credits) ->					-997,041				
Percent % of Total Power Purchased > 0.4103% 22.4251% 22.9533% 19.7334% -1.8761% 0.0045% 17.1454% 1.5867% 1.00407 COST OF PURCHASED POWER; DEMAND CHARGES (-Debtis) Demand Charges S31,620,00 \$54,740,14 \$56,868.27 Demand Charges S42,202,00 \$44,291,71 \$99,228.85 Demand Charges Demand Charges Demand Charges Demand Charges Demand Charges Demand Charges S46,880,50 \$47,201,21 \$30,251,14 \$17,610.96 S47,201,21 \$30,251,14 \$17,610.96 S47,201,21 \$30,251,14 \$17,610.96 S47,201,21 \$30,251,14 \$17,972,24 \$11,703.49 Demand Charges S46,880,50 \$47,701,71 \$138,486.16 Demand Charges De										
COST OF PURCHASED POWER:	Net Total Delivered kWh as Billed ->	58,779	3,212,840	3,288,509	2,827,200	-268,787	641	1,596,800	218,724	143,843
DEMAND CHARGES (-Debtis) Debt Services (Principal & Interest) \$44,291.71 \$99,228.85 \$10,536.85 \$2,131.92 \$2,346.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$186,867.	Percent % of Total Power Purchased->	0.4103%	22.4251%	22.9533%	19.7334%	-1.8761%	0.0045%	11.1454%	1.5267%	1.0040%
DEMAND CHARGES (-Debtis) Debt Services (Principal & Interest) \$44,291.71 \$99,228.85 \$10,536.85 \$2,131.92 \$2,346.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$186,867.42 \$17,544.24 \$5,646.35 \$186,867.42 \$186,867.										
Demand Charges \$31,620.00 \$34,749.14 \$56,888.27 \$667.9C \$10,536.85 \$2,131.92 \$2,346.3	COST OF PURCHASED POWER:									
Debt Services (Principal & Interest)	DEMAND CHARGES (+Debits)									
DEMAND CHARGES (-Credits) S31,290,29 S31,290,29 S31,290,29 S47,201,21 S30,251,14 S17,510,96 S1,400,74 S2,651,40 S1,679,96 S1,679,18 S6,916,5 S46,880,50 S46,880,50 S46,880,71 S138,486,16 S0,00 S0,00 S1,623,28 S194,732,76 S17,996,16 S6,916,5		\$31,620.00	\$34,749.14	\$56,868.27			\$667.92	\$10,536.83	\$2,131.92	\$2,346.30
Transmission Charges (Demand-Credits)	Debt Services (Principal & Interest)		\$44,291.71	\$99,228.85				\$186,867.42	\$17,544.24	\$5,646.30
Transmission Charges (Demand-Credits)										
Saperity Credit S47,201.21 S30,251.14 S17,610.96 S1,409.74 S2,651.49 S1,679.98 S1,076.18	DEMAND CHARGES (-Credits)									
Sub-Total Demand Charges	Transmission Charges (Demand-Credits)	-\$31,299.29					-\$881.46			
ENERGY CHARGES (+Debits): Energy Charges - (On Peak) S5,322.47 \$89,519.22 \$39,425.06 \$177,972.24 \$11,703.43 \$21.69 \$317.95 \$81.33 \$262.3 \$10,941.39 \$10,041.39 \$11,972.69 \$5,481.26 \$2,213.48 \$10,941.39 \$11,972.69 \$5,481.26 \$2,213.48 \$2,233.48 \$2,247.00 \$2,2	Capacity Credit	-\$47,201.21	-\$30,251.14	-\$17,610.96			-\$1,409.74	-\$2,651.49	-\$1,679.98	-\$1,076.10
ENERGY CHARGES (+Debits): Energy Charges - (On Peak) S5,322.47 \$89,519.22 \$39,425.06 \$177,972.24 \$11,703.43 \$21.69 \$317.95 \$81.33 \$262.3 \$10,941.39 \$10,041.39 \$11,972.69 \$5,481.26 \$2,213.48 \$10,941.39 \$11,972.69 \$5,481.26 \$2,213.48 \$2,233.48 \$2,247.00 \$2,2		***************************************	****	***************************************	***************************************		44.000.00	*****	***	40.040.00
Energy Charges - (On Peak)	Sub-Total Demand Charges	-\$46,880.50	\$48,789.71	\$138,486.16	\$0.00	\$0.00	-\$1,623.28	\$194,752.76	\$17,996.18	\$6,916.50
Series Charges File Septembro Se	ENERGY CHARGES (+Debits):									
Net Congestion, Losses, FTR \$11,972.69 \$5,481.26 \$2,213.48 \$2,2538.66 \$333.93 \$194.8 \$11,972.69 \$5,481.26 \$2,213.48 \$2,538.66 \$333.93 \$194.8 \$11,972.69 \$5,481.26 \$2,8945.90 \$1,000 \$1,	Energy Charges - (On Peak)	\$5,322.47	\$89,519.22	\$39,425.06	\$177,972.24	\$11,703.43	\$21.69	\$317.95	\$81.33	\$262.39
Transmission Charges (Energy-Debits) ESPP Charges Bill Adjustments (General & Rate Levelization) -\$212.41 -\$3,118.46 ENERGY CHARGES (-Credits or Adjustments): Energy Charges - On Peak (Sale or Rate Stabilization) Net Congestion, Losses, FTR Bill Adjustments (General & Rate Levelization) Net Congestion, Losses, FTR Bill Adjustments (General & Rate Levelization) Net Congestion, Losses, FTR Bill Adjustments (General & Rate Levelization) Sub-Total Energy Charges \$5,322.47 \$101,279.50 \$70,733.76 \$180,185.72 \$5,276.22 \$66.14 \$31,705.20 \$70.64 \$2,639.6 TRANSMISSION & SERVICE CHARGES, MISC.: RPM / PJM Charges Capacity - (-1-cedit) Service Fees AMP-Dispatch Center - (+Debit/-Credit) Service Fees AMP-Dispatch Center - (+Debit/-Credit) Service Fees AMP-Part A - (+Debit/-Credit) Sub-Total Service Fees & Other Charges \$0.00 \$0	Energy Charges - (Replacement/Off Peak)					\$10,941.39				
ESPP Charges Bill Adjustments (General & Rate Levelization) -\$212.41 -\$3,118.46 -\$3,118.46 -\$32,042.19 -\$32,042.1	Net Congestion, Losses, FTR		\$11,972.69	\$5,481.26	\$2,213.48			\$2,538.66	\$393.93	\$194.89
Sill Adjustments (General & Rate Levelization) -\$212.41 -\$3,118.46 \$44.45 \$32,042.19 \$32.83 \$2,470.00	Transmission Charges (Energy-Debits)			\$28,945.90						
ENERGY CHARGES (-Credits or Adjustments): Energy Charges - On Peak (Sale or Rate Stabilization) Net Congestion, Losses, FTR Bill Adjustments (General & Rate Levelization) Sub-Total Energy Charges \$5,322.47 \$101,279.50 \$70,733.76 \$180,185.72 \$5,276.22 \$66.14 \$31,705.20 \$70.64 \$2,639.6 TRANSMISSION & SERVICE CHARGES, MISC.: RPM / PJM Charges Capacity - (-Debit) RPM / PJM Charges Capacity - (-Credit) Service Fees AMP-Part A - (-Debit/-Credit) Service Fees AMP-Part B - (-ADebit/-Credit) Service Fees AMP-Part B - (-ADebit/-Credit) Cher Charges & Bill Adjustments - (+Debit/-Credit) Sub-Total Service Fees & Other Charges \$0.00	ESPP Charges									
Energy Charges - On Peak (Sale or Rate Stabilization) Net Congestion, Losses, FTR Bill Adjustments (General & Rate Levelization) Sub-Total Energy Charges \$5,322.47 \$101,279.50 \$70,733.76 \$180,185.72 \$5,276.22 \$66.14 \$31,705.20 \$70.64 \$2,639.6 TRANSMISSION & SERVICE CHARGES, MISC.: 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) Service Fees AMP-Part B - (+Debit/-Credit) Service Fees AMP-Part B - (+Debit/-Credit) Service Fees & Other Charges & \$0.00	Bill Adjustments (General & Rate Levelization)		-\$212.41	-\$3,118.46			\$44.45	\$32,042.19	\$32.83	\$2,470.09
Energy Charges - On Peak (Sale or Rate Stabilization) Net Congestion, Losses, FTR Bill Adjustments (General & Rate Levelization) Sub-Total Energy Charges \$5,322.47 \$101,279.50 \$70,733.76 \$180,185.72 \$5,276.22 \$66.14 \$31,705.20 \$70.64 \$2,639.6 TRANSMISSION & SERVICE CHARGES, MISC.: 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) Service Fees AMP-Part B - (+Debit/-Credit) Service Fees AMP-Part B - (+Debit/-Credit) Service Fees & Other Charges & \$0.00	ENERGY CHARGES / Gradita or Adjustments)									
Net Congestion, Losses, FTR Bill Adjustments (General & Rate Levelization) Sub-Total Energy Charges \$5,322.47 \$101,279.50 \$70,733.76 \$180,185.72 \$5,276.22 \$66.14 \$31,705.20 \$70.64 \$2,639.65 TRANSMISSION & SERVICE CHARGES, MISC.: RPM / PJM Charges Capacity - (+Debit) RPM / PJM Charges Capacity - (-Credit) Service Fees AMP-Dispatch Center - (+Debit/-Credit) Service Fees AMP-Part A - (+Debit/-Credit) Service Fees AMP-Part B - (+Debit/-Credit) Service Fees AMP-Part B - (+Debit/-Credit) Service Fees AMP-Part B - (+Debit/-Credit) Sub-Total Service Fees & Other Charges \$0.00 \$0.0						\$27.001.04				
Bill Adjustments (General & Rate Levelization) Sub-Total Energy Charges \$5,322.47 \$101,279.50 \$70,733.76 \$180,185.72 \$5,276.22 \$66.14 \$31,705.20 \$70.64 \$2,639.60 TRANSMISSION & SERVICE CHARGES, MISC.: RPM / PJM Charges Capacity - (+Debit) RPM / PJM Charges Capacity - (+Credit) Service Fees AMP-Dispatch Center - (+Debit/-Credit) Service Fees AMP-Part A - (+Debit/-Credit) Service Fees AMP-Part B - (+Debit/-Credit) Other Charges & Bill Adjustments - (+Debit/-Credit) Sub-Total Service Fees & Other Charges \$0.00 \$0.0	<u> </u>					-\$27,921.04				
Sub-Total Energy Charges \$5,322.47 \$101,279.50 \$70,733.76 \$180,185.72 -\$5,276.22 \$66.14 \$31,705.20 \$70.64 \$2,639.66 TRANSMISSION & SERVICE CHARGES, MISC.: RPM / PJM Charges Capacity - (+Debit) RPM / PJM Charges Capacity - (+Debit) Service Fees AMP-Dispatch Center - (+Debit/-Credit) Service Fees AMP-Part A - (+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 TOTAL - ALL COSTS OF PURCHASED POWER -\$41,558.03 \$150,069.21 \$209,219.92 \$180,185.72 -\$5,276.22 -\$1,557.14 \$226,457.96 \$18,066.82 \$9,556.16								фо 100 co	¢407.45	\$007.00
### TRANSMISSION & SERVICE CHARGES, MISC.: #### PJM Charges Capacity - (+Debit) #### 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) ### Service Fees AMP-Part B - (+Debit/-Credit) ### Other Charges & Bill Adjustments - (+Debit/-Credit) ### Sub-Total Service Fees & Other Charges ### \$0.00	Bili Adjustments (General & Rate Levelization)							-\$3,193.60	-\$437.45	-\$287.69
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) 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 TOTAL - ALL COSTS OF PURCHASED POWER -\$41,558.03 \$150,069.21 \$209,219.92 \$180,185.72 -\$5,276.22 -\$1,557.14 \$226,457.96 \$18,066.82 \$9,556.16	Sub-Total Energy Charges	\$5,322.47	\$101,279.50	\$70,733.76	\$180,185.72	-\$5,276.22	\$66.14	\$31,705.20	\$70.64	\$2,639.68
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) 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 TOTAL - ALL COSTS OF PURCHASED POWER -\$41,558.03 \$150,069.21 \$209,219.92 \$180,185.72 -\$5,276.22 -\$1,557.14 \$226,457.96 \$18,066.82 \$9,556.16	TRANSMISSION & SERVICE CHARGES MISC.									
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 TOTAL - ALL COSTS OF PURCHASED POWER -\$41,558.03 \$150,069.21 \$209,219.92 \$180,185.72 -\$5,276.22 -\$1,557.14 \$226,457.96 \$18,066.82 \$9,556.16										
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 TOTAL - ALL COSTS OF PURCHASED POWER -\$41,558.03 \$150,069.21 \$209,219.92 \$180,185.72 -\$5,276.22 -\$1,557.14 \$226,457.96 \$18,066.82 \$9,556.16										
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 TOTAL - ALL COSTS OF PURCHASED POWER -\$41,558.03 \$150,069.21 \$209,219.92 \$180,185.72 -\$5,276.22 -\$1,557.14 \$226,457.96 \$18,066.82 \$9,556.16										
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 TOTAL - ALL COSTS OF PURCHASED POWER -\$41,558.03 \$150,069.21 \$209,219.92 \$180,185.72 -\$5,276.22 -\$1,557.14 \$226,457.96 \$18,066.82 \$9,556.16										
Other Charges & Bill Adjustments - (+Debit/-Credit) \$0.00	` ,									
Sub-Total Service Fees & Other Charges \$0.00	` '									
TOTAL - ALL COSTS OF PURCHASED POWER -\$41,558.03 \$150,069.21 \$209,219.92 \$180,185.72 -\$5,276.22 -\$1,557.14 \$226,457.96 \$18,066.82 \$9,556.10	, ,									
	Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Purchased Power Resources - Cost per kWH-> -\$0.707022 \$0.046709 \$0.063622 \$0.063733 -\$0.019630 -\$2.429236 \$0.141820 \$0.082601 \$0.06643	TOTAL - ALL COSTS OF PURCHASED POWER	-\$41,558.03	\$150,069.21	\$209,219.92	\$180,185.72	-\$5,276.22	-\$1,557.14	\$226,457.96	\$18,066.82	\$9,556.18
VIII VIII VIII VIII VIII VIII VIII VII	Purchased Power Resources - Cost ner kWH->	-\$0.707022	\$0.046709	\$0.063622	\$0.063733	-\$0.019630	-\$2,429236	\$0.141820	\$0.082601	\$0.066435
	r dionacca i onoi nesources - oosi per kwir->	\$3.707022	\$5.070703	\$5.000022	ψ3.000700	ψ3.013030	Ψ2.723200	Ç0.141020	\$5.002001	\$0.000400

### PREVIOUS MOTHS POWER BILLS - PU PREVIOUS MOTHS POWER BESOURCES : (** NYPA J. **	BILLING SUMMARY AND CONS									
### DATA PERIOD ### DATA PERI										
APP Once 88 Morth Cos-System Deat Deat Morth Cos-System Deat Deat Morth Cos-System Deat Deat Morth Cos-System Deat Deat Deat Deat Deat Deat Deat Deat										
AMP Chos Blattomic City, Mornity Billing Cycle PURCHASED POWER-RESOURCES 100 10										
City- Spetian Data Month										
Copy-Monthly Billing Cycle										
PURCHASED POWER RESOURCE (NYPA JV-5 JV-6 NAMP SOLAR EPPROCY SMART TRANSMISSION SERVICE FEES MISCELLANEOUS TOTAL NAME POWER PLANS PLANS POWER PLANS P	· ·									
PURCHASED POWER RESOURCES C C C C C C C C C			=======	====WIND====	===SOLAR===	===TRANSMISS	ION, SERVICE	EES & MISC. CO	NTRACTS===	
Color Colo	(NYPA	JV-5	JV-6	AMP SOLAR	EFFNCY.SMART	TRANSMISSION	SERVICE FEES	MISCELLANEOUS	TOTAL -
Delivered KWN (Coff Peak) -> Delivered KWN (Coff Peak) -> Delivered KWN (Replace) -> 33.561	PURCHASED POWER-RESOURCES -> (HYDRO	HYDRO	WIND	PHASE 1	POWER PLANT	CHARGES	DISPATCH, A & B	CHARGES &	ALL
Delivered WWN State (Credits) -		SCHED. @ NYIS	7x24 @ ATSI	SCHED. @ ATSI	SCHED. @ ATSI	2014 - 2017	Other Charges	Other Charges	LEVELIZATION	RESOURCES
Delivered KWN (Replacement Losses/Cheb) S3.561	Delivered kWh (On Peak) ->	739,162	2,297,472	19,504	158,708	0	0	0	0	14,863,747
Delivered kWh Sale (Credits) ->	Delivered kWh (Off Peak) ->									426,689
Net Total Delivered kWh as Billed > 739,162 2,331,033 19,504 158,708 0 0 0 0 0 0 14,3	Delivered kWh (Replacement/Losses/Offset) ->		33,561							33,561
Percent % of Total Power Purchased > 5.1592% 16.2703% 0.1361% 1.1080% 0.00000% 0.00000% 0.00000% 0.00000% 0.00000% 0.00000% 0.00000% 0.0000% 0.0000% 0.0000% 0.0000% 0.0000% 0.0000% 0.00000% 0.00000% 0.00000% 0.00000% 0.00000% 0.00000% 0.00000% 0.00000% 0.00000% 0.00000% 0.00000% 0.00000% 0.00000% 0.00000% 0.0000000% 0.000000% 0.000000% 0.000000% 0.000000% 0.000000% 0.000000% 0.000000% 0.000000% 0.0000000% 0.000000% 0.0000000% 0.0000000% 0.0000000% 0.000000% 0.000000% 0.00	Delivered kWh/Sale (Credits) ->									-997,041
Percent % of Total Power Purchased > 5.1592% 16.2703% 0.1361% 1.1080% 0.00000% 0.00000% 0.00000% 0.00000% 0.00000% 0.00000% 0.00000% 0.0000% 0.0000% 0.0000% 0.0000% 0.0000% 0.0000% 0.00000% 0.00000% 0.00000% 0.00000% 0.00000% 0.00000% 0.00000% 0.00000% 0.00000% 0.00000% 0.00000% 0.00000% 0.00000% 0.00000% 0.0000000% 0.000000% 0.000000% 0.000000% 0.000000% 0.000000% 0.000000% 0.000000% 0.000000% 0.0000000% 0.000000% 0.0000000% 0.0000000% 0.0000000% 0.000000% 0.000000% 0.00										
COST OF PURCHASED POWER:	Net Total Delivered kWh as Billed ->	739,162	2,331,033	19,504	158,708	0	0	0	0	14,326,956
COST OF PURCHASED POWER: Demand Charges \$6.249.59 \$33.094.09 \$1.545.40 \$140.975.11 \$326. \$326. \$408. \$409.75.11 \$326. \$409.75.11 \$326. \$409.75.11 \$326. \$409. \$409.75.11 \$326. \$409.75.11 \$326. \$409.75.11 \$326. \$409.75.11 \$326. \$409.75.11 \$4	Percent % of Total Power Purchased->	5.1592%	16.2703%	0.1361%	1.1080%	0.0000%	0.0000%	0.0000%	0.0000%	100.0002%
DEMAND CHARGES (Lobbits) Sa. 249.59 Sa. 30,004.09 S1,545.40 S140,975.11 Sa. 260.00									Verification Total - >	100.0000%
Demand Charges \$8,249.59 \$38,004.09 \$1,545.40 \$140,975.11 \$328.	COST OF PURCHASED POWER:									
Debt Services (Principal & Interest)	DEMAND CHARGES (+Debits)									
DEMAND CHARGES Credits	Demand Charges	\$6,249.59	\$39,094.09	\$1,545.40			\$140,975.11			\$326,784.57
Transmission Charges (Demand-Credits) \$13,617.72 \$76.50 \$1.0	Debt Services (Principal & Interest)		\$55,367.84							\$408,946.36
Transmission Charges (Demand-Credits) \$13,617.72 \$76.50 \$1.0										
Saperity Credit	DEMAND CHARGES (-Credits)									
Sub-Total Demand Charges	Transmission Charges (Demand-Credits)		-\$13,617.72	-\$76.50						-\$45,874.97
ENRRGY CHARGES (-Debits); Energy Charges - (On Peak) \$8,024.32 \$42.326.66 \$13,807.60 \$6,713.01 \$3395. Energy Charges - (Replacement/Off Peak) \$8,024.32 \$42.326.66 \$13,807.60 \$6,713.01 \$3395. Energy Charges - (Replacement/Off Peak) \$2,073.72 \$10. Net Congestion, Losses, FTR \$2,073.72 \$24.1 Transmission Charges (Energy-Debits) \$238. ESPP Charges \$18,154.46 \$288. ESPP Charges \$18,154.46 \$18. Bill Adjustments (General & Rate Levelization) \$55,000.00 \$18. ENERGY CHARGES (-Credits or Adjustments): Energy Charges - On Peak (Sate or Rate Stabilization) \$45.13 \$42,326.66 \$0.00 \$13,807.63 \$18,154.46 \$6,713.01 \$0.00 \$50,000.00 \$427. ENERGY CHARGES (-Credits or Adjustments): \$42,326.66 \$0.00 \$13,807.63 \$18,154.46 \$6,713.01 \$0.00 \$50,000.00 \$427. ENERGY CHARGES (-Credits or Adjustments): \$42,326.66 \$0.00 \$13,807.63 \$18,154.46 \$6,713.01 \$0.00 \$50,000.00 \$427. ENERGY CHARGES (-Credits or Adjustments): \$42,326.66 \$0.00 \$13,807.63 \$18,154.46 \$6,713.01 \$0.00 \$50,000.00 \$427. ENERGY CHARGES (-Credits or Adjustments): \$42,326.66 \$0.00 \$13,807.63 \$18,154.46 \$6,713.01 \$0.00 \$50,000.00 \$427. ENERGY CHARGES (-Credits or Adjustments): \$42,326.66 \$0.00 \$13,807.63 \$18,154.46 \$6,713.01 \$0.00 \$50,000.00 \$427. ENERGY CHARGES (-Credit) \$50.00	Capacity Credit	-\$4,310.35	-\$14,428.23	-\$119.33						-\$120,738.53
ENRRGY CHARGES (-Debits); Energy Charges - (On Peak) \$8,024.32 \$42.326.66 \$13,807.60 \$6,713.01 \$3395. Energy Charges - (Replacement/Off Peak) \$8,024.32 \$42.326.66 \$13,807.60 \$6,713.01 \$3395. Energy Charges - (Replacement/Off Peak) \$2,073.72 \$10. Net Congestion, Losses, FTR \$2,073.72 \$24.1 Transmission Charges (Energy-Debits) \$238. ESPP Charges \$18,154.46 \$288. ESPP Charges \$18,154.46 \$18. Bill Adjustments (General & Rate Levelization) \$55,000.00 \$18. ENERGY CHARGES (-Credits or Adjustments): Energy Charges - On Peak (Sate or Rate Stabilization) \$45.13 \$42,326.66 \$0.00 \$13,807.63 \$18,154.46 \$6,713.01 \$0.00 \$50,000.00 \$427. ENERGY CHARGES (-Credits or Adjustments): \$42,326.66 \$0.00 \$13,807.63 \$18,154.46 \$6,713.01 \$0.00 \$50,000.00 \$427. ENERGY CHARGES (-Credits or Adjustments): \$42,326.66 \$0.00 \$13,807.63 \$18,154.46 \$6,713.01 \$0.00 \$50,000.00 \$427. ENERGY CHARGES (-Credits or Adjustments): \$42,326.66 \$0.00 \$13,807.63 \$18,154.46 \$6,713.01 \$0.00 \$50,000.00 \$427. ENERGY CHARGES (-Credits or Adjustments): \$42,326.66 \$0.00 \$13,807.63 \$18,154.46 \$6,713.01 \$0.00 \$50,000.00 \$427. ENERGY CHARGES (-Credits or Adjustments): \$42,326.66 \$0.00 \$13,807.63 \$18,154.46 \$6,713.01 \$0.00 \$50,000.00 \$427. ENERGY CHARGES (-Credit) \$50.00										
Energy Charges - (On Peak) \$8,024.32 \$42,326.66 \$13.807.63 \$6,713.01 \$395, Energy Charges - (Replacement/Off Peak) \$10,000 \$24	Sub-Total Demand Charges	\$1,939.24	\$66,415.98	\$1,349.57	\$0.00	\$0.00	\$140,975.11	\$0.00	\$0.00	\$569,117.43
Energy Charges - (Replacement/Off Peak) \$10, Net Congestion, Losses, FTR \$2,073.72 \$24, Transmission Charges (Energy-Debits) \$24, Transmission Charges (Energy-Debits) \$18, 154.46 \$25, 244, Transmission Charges (Energy-Debits) \$18, 154.46	ENERGY CHARGES (+Debits):									
Net Congestion, Losses, FTR \$2,073.72 \$28,	Energy Charges - (On Peak)	\$8,024.32	\$42,326.66		\$13,807.63		\$6,713.01			\$395,497.40
Transmission Charges (Energy-Debits) \$28, \$28, \$18	Energy Charges - (Replacement/Off Peak)									\$10,941.39
ESPP Charges \$18,154.46 \$18,	Net Congestion, Losses, FTR	\$2,073.72								\$24,868.63
Bill Adjustments (General & Rate Levelization) -\$50,000.00 -\$18;	Transmission Charges (Energy-Debits)									\$28,945.90
ENERGY CHARGES (-Credits or Adjustments): Energy Charges - On Peak (Sale or Rate Stabilization) Net Congestion, Losses, FTR Bill Adjustments (General & Rate Levelization) \$45.13 Sub-Total Energy Charges \$10,143.17 \$42,326.66 \$0.00 \$13,807.63 \$18,154.46 \$6,713.01 \$0.00 \$50,000.00 \$427,t TRANSMISSION & SERVICE CHARGES, MISC.: RPM / PJM Charges Capacity - (-Publit) RPM / PJM Charges Capacity - (-Credit) Service Fees AMP-Dispatch Center - (+Debit/-Credit) Service Fees AMP-Dispatch Center - (+Debit/-Credit) Service Fees AMP-Part A - (+Debit/-Credit) Service Fees AMP-Part B - (+Debit/-Credit) Service Fees AMP-Part B - (+Debit/-Credit) Service Fees AMP-Date - (+Debit/-Credit) Sub-Total Service Fees & Other Charges \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$174,992.95 \$11,277.54 \$459.69 \$185,154.46 \$322,681.07 \$11,277.54 \$50,459.69 \$11,182,456.50 \$	ESPP Charges					\$18,154.46				\$18,154.46
Energy Charges - On Peak (Sale or Rate Stabilization) S45.13	Bill Adjustments (General & Rate Levelization)								-\$50,000.00	-\$18,741.31
Energy Charges - On Peak (Sale or Rate Stabilization) S45.13 S45.13 Sub-Total Energy Charges \$10,143.17 \$42,326.66 \$0.00 \$13,807.63 \$18,154.46 \$6,713.01 \$0.00 \$50,000.00 \$427,4	ENERGY CHARGES (-Credits or Adjustments):									
Net Congestion, Losses, FTR Bill Adjustments (General & Rate Levelization) \$45.13 \$45.13 \$50.00 \$13,807.63 \$18,154.46 \$6,713.01 \$0.00 \$50,000.00 \$427,45 \$174,992.95 \$174,99										-\$27,921.04
Bill Adjustments (General & Rate Levelization) \$45.13 \$42,326.66 \$0.00 \$13,807.63 \$18,154.46 \$6,713.01 \$0.00 \$50,000.00 \$427.65										\$0.00
Sub-Total Energy Charges \$10,143.17 \$42,326.66 \$0.00 \$13,807.63 \$18,154.46 \$6,713.01 \$0.00 \$427,4		\$45.13								-\$3,873.61
TRANSMISSION & SERVICE CHARGES, MISC.:	2 / rejudinonio (donora: a riato zovolization)									
RPM / PJM Charges Capacity - (+Debit) \$174,992.95 \$1	Sub-Total Energy Charges	\$10,143.17	\$42,326.66	\$0.00	\$13,807.63	\$18,154.46	\$6,713.01	\$0.00	-\$50,000.00	\$427,871.82
RPM / PJM Charges Capacity - (+Debit) \$174,992.95 \$1	TRANSMISSION & SERVICE CHARGES MISC.	+						1		
RPM / PJM Charges Capacity - (-Credit)							\$174 QQQ QE			\$174.992.95
Service Fees AMP-Dispatch Center - (+Debit/-Credit) \$0.00							φ1/4,882.90			\$174,992.95
Service Fees AMP-Part A - (+Debit/-Credit) \$2,946.27 \$2,	0 1 7 7							20.00		\$0.00
Service Fees AMP-Part B - (+Debit/-Credit) \$8,331.27 \$\$, \$\$, \$\$, \$\$, \$\$, \$\$, \$\$, \$\$, \$\$, \$. , , , , , , , , , , , , , , , , , , ,									\$2,946.27
Other Charges & Bill Adjustments - (+Debit/-Credit) \$0.00 \$459.69 -\$ Sub-Total Service Fees & Other Charges \$0.00 \$0.00 \$0.00 \$174,992.95 \$11,277.54 -\$459.69 \$185,4 TOTAL - ALL COSTS OF PURCHASED POWER \$12,082.41 \$108,742.64 \$1,349.57 \$13,807.63 \$18,154.46 \$322,681.07 \$11,277.54 -\$50,459.69 \$1,182,4 Purchased Power Resources - Cost per kWH-> \$0.016346 \$0.046650 \$0.069195 \$0.087000 \$0.0000000 \$0.000000 \$0.000000 \$0.000000	` '									\$2,946.27 \$8,331.27
Sub-Total Service Fees & Other Charges \$0.00 \$0.00 \$0.00 \$0.00 \$174,992.95 \$11,277.54 -\$459.69 \$185,60 TOTAL - ALL COSTS OF PURCHASED POWER \$12,082.41 \$108,742.64 \$1,349.57 \$13,807.63 \$18,154.46 \$322,681.07 \$11,277.54 -\$50,459.69 \$1,182,400 Purchased Power Resources - Cost per kWH-> \$0.016346 \$0.046650 \$0.069195 \$0.087000 \$0.000000 </td <td>` '</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>.0450.60</td> <td>-\$459.69</td>	` '								.0450.60	-\$459.69
TOTAL - ALL COSTS OF PURCHASED POWER \$12,082.41 \$108,742.64 \$1,349.57 \$13,807.63 \$18,154.46 \$322,681.07 \$11,277.54 -\$50,459.69 \$1,182,60 \$1,182,00 \$1,182,00 \$1,000,000 \$0.000,000 \$0.000,000 \$0.000,000 \$0.000,000 \$0.000,000 \$0.000,000 \$0.000,000 \$0.000,000 \$0.000,000 \$0.000,000 \$0.000,000 \$0.000,000 \$0.000,000 \$0.000,000,000 \$0.0	Other Onarges & Dill Adjustments - (+Debly-Orealt)							φ0.00	-φ 4 03.03	-\$459.09
Verification Total -> \$1,182	Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$174,992.95	\$11,277.54	-\$459.69	\$185,810.80
Verification Total -> \$1,182	TOTAL - ALL COSTS OF PURCHASED POWER	\$12,082.41	\$108,742.64	\$1,349.57	\$13,807.63	\$18,154.46	\$322,681.07	\$11,277.54	-\$50,459.69	\$1,182,800.05
Purchased Power Resources - Cost per kWH-> \$0.016346 \$0.046650 \$0.069195 \$0.087000 \$0.000000			. , .		. , ,			. ,	L	\$1,182,800.05
(Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWH) = JV2 Electric Service Rate - > \$0.0	Purchased Power Resources - Cost per kWH->	\$0.016346	\$0.046650	\$0.069195	\$0.087000	\$0.000000	\$0.000000	\$0.000000		\$0.082558
		,	,							\$0.007586
find the many of t										\$0.007586



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: 199647

INVOICE DATE: 9/14/2017

DUE DATE: 9/29/2017

TOTAL AMOUNT DUE: \$1,043,753.69

CUSTOMER NUMBER: 5020

CUSTOMER P.O. #: RG10046

\$760,254.77

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

Northern Power Pool Billing - August, 2017

MUNICIPAL PEAK: 29,470 kW TOTAL METERED ENERGY: 14,364,258 kWh

Total Power Charges:

Total Transmission Charges: \$322,681.07

Total Other Charges: \$11,277.54

Total Miscellaneous Charges: -\$50,459.69

GRAND TOTAL POWER INVOICE: \$1,043,753.69

Napoleon

FOR THE MONTH OF:	August, 2017		Total Metered Load kWh: Transmission Losses kWh: Distribution Losses kWh:	14,364,258 -37,302 0
		•	Total Energy Req. kWh:	14,326,956
TIME OF FENTS PEAK: TIME OF MUNICIPAL PEAK:	08/21/2017 @ H.E. 13:00 08/21/2017 @ H.E. 17:00		COINCIDENT PEAK kW: MUNICIPAL PEAK kW:	26,223 29,470
TRANSMISSION PEAK:	August, 2016		TRANSMISSION PEAK kW: PJM Capacity Requirement kW:	31,968 30,922
Napoleon Resources				
AMP CT - Sched @ ATSI				
Demand Charge:	\$2.550000	/ kW *	12,400 kW =	\$31,620.00
Energy Charge: Transmission Credit:	\$0.090550 \$2.524136	/ kWh * / kW *	58,779 kWh = -12,400 kW =	\$5,322.47 -\$31,299.29
Capacity Credit:	\$3.806549	/ kW *	-12,400 kW =	-\$47,201.21
Subtotal	-\$0.707018	/ kWh *	58,779 kWh =	-\$41,558.03
Fremont - sched @ Fremont Demand Charge:	#0.00000	/134/+	0.707.144	CO4 740 44
Energy Charge:	\$3.963630 \$0.027863	/ kW * / kWh *	8,767 kW = 3,212,840 kWh =	\$34,749.14 \$89,519.22
Net Congestion, Losses, FTR:	\$0.003727	/ kWh *	3,212,040 KWII =	\$11,972.69
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: Subtotal	\$0.046709	/ kWh *	3,212,840 kWh =	-\$212.41 \$150,069.21
AMP Hydro CSW - Sched @ PJMC	φυ.υ40103	/ NVVII	5,212,040 RVIII =	φ130,009.21
Demand Charge:	\$3.430001	/ kW *	3,072 kW =	\$10,536.83
Energy Charge:	\$0.000199	/ kWh *	1,596,800 kWh =	\$317.95
Net Congestion, Losses, FTR:	\$0.001590	/ kWh *	0.070 144	\$2,538.66
Capacity Credit: Debt Service	\$0.863126 \$60.830000	/ kW * / kW	-3,072 kW = 3,072 kW	-\$2,651.49 \$186,867.42
Board Approved Rate Levelization	φου.830000	/ KVV	3,072 KVV	\$32,042.19
REC Credit (Estimate)				-\$3,193.60
Subtotal	\$0.141820	/ kWh *	1,596,800 kWh =	\$226,457.96
Meldahl Hydro - Sched @ Meldahl Bus Demand Charge:	\$4.230000	/ kW *	504 kW =	\$2,131.92
Energy Charge:	\$0.000372	/ kWh *	218,724 kWh =	\$2,131.92 \$81.33
Net Congestion, Losses, FTR:	\$0.001801	/ kWh *	210,121	\$393.93
Capacity Credit:	\$3.333294	/ kW *	-504 kW =	-\$1,679.98
Debt Service	\$34.810000	/ kW	504 kW	\$17,544.24
Board Approved Rate Levelization REC Credit (Estimate)				\$32.83 -\$437.45
Subtotal	\$0.082601	/ kWh *	218,724 kWh =	\$18,066.82
JV6 - Sched @ ATSI			,	•
Demand Charge:			300 kW	
Energy Charge: Transmission Credit:	\$0.255000	/ kW *	19,504 kWh -300 kW =	-\$76.50
Capacity Credit:	\$0.397767	/ kW *	-300 kW =	-\$119.33
Subtotal	-\$0.010040	/ kWh *	19,504 kWh =	-\$195.83
Greenup Hydro - Sched @ Greenup Bus				
Demand Charge: Energy Charge:	\$7.110000	/ kW * / kWh *	330 kW =	\$2,346.30
Net Congestion, Losses, FTR:	\$0.001824 \$0.001355	/ kWh *	143,843 kWh =	\$262.39 \$194.89
Capacity Credit:	\$3.260909	/ kW *	-330 kW =	-\$1,076.10
Debt Service	\$17.110000	/ kW	330 kW	\$5,646.30
Board Approved Rate Levelization				\$2,470.09
REC Credit (Estimate) Subtotal	\$0.066435	/ kWh *	143,843 kWh =	-\$287.69 \$9,556.18
Prairie State - Sched @ PJMC	\$0.000433	/ KVVII	143,043 KWII =	\$9,330.16
Demand Charge:	\$11.428511	/ kW *	4,976 kW =	\$56,868.27
Energy Charge:	\$0.011989	/ kWh *	3,288,509 kWh =	\$39,425.06
Net Congestion, Losses, FTR: Capacity Credit:	\$0.001667	/ kWh *	4.070.144	\$5,481.26
Capacity Credit: Debt Service	\$3.539180 \$19.941489	/ kW * / kW	-4,976 kW = 4,976 kW	-\$17,610.96 \$99,228.85
Transmission from PSEC to PJM/MISO, including non-Prairie State	φ13.341403	/ KVV	4,970 KW	ψ99,220.03
variable charges/credits	\$0.008802	/ kWh	3,288,509 kWh	\$28,945.90
Board Approved Rate Levelization				-\$3,118.46
Subtotal NYPA - Sched @ NYIS	\$0.063622	/ kWh *	3,288,509 kWh =	\$209,219.92
Demand Charge:	\$6.815256	/ kW *	917 kW =	\$6,249.59
Energy Charge:	\$0.010856	/ kWh *	739,162 kWh =	\$8,024.32
Net Congestion, Losses, FTR:	\$0.002806	/ kWh *		\$2,073.72
Capacity Credit: Adjustment for prior month:	\$4.610000	/ kW *	-935 kW =	-\$4,310.35
Subtotal	\$0.016346	/ kWh *	739,162 kWh =	\$45.13 \$12,082.41
	40.0.0070			+ . = , • • = . + 1
JV5 - 7X24 @ ATSI				
Demand Charge:			3,088 kW	
Demand Charge: Energy Charge:	#4.400000	/ 14/4/ *	2,297,472 kWh	640.047.70
Demand Charge:	\$4.409883 \$4.672354	/ kW * / kW *		-\$13,617.72 -\$14,428.23

DETAIL INFORMATION OF POWER CHARGES August , 2017

Napoleon

Subtotal	#N/A	/ kWh *	33,561 kWh =	\$0.00
JV2 - Sched @ ATSI				
Demand Charge:			264 kW	
Energy Charge:	\$0.033830	/ kWh *	641 kWh =	\$21.69
Transmission Credit:	\$3.338864	/ kW *	-264 kW =	-\$881.46
Capacity Credit:	\$5.339924	/ kW *	-264 kW =	-\$1,409.74
Subtotal	-\$3.539720	/ kWh *	641 kWh =	-\$2,269.51
AMP Solar Phase I - Sched @ ATSI	*******		• • • • • • • • • • • • • • • • • • • •	
Demand Charge:			1,040 kW	
Energy Charge:	\$0.087000	/ kWh *	158,708 kWh =	\$13,807.63
Subtotal	\$0.087000	/ kWh *	158,708 kWh =	\$13,807.63
Morgan Stanley 2015-2020 - 7x24 @ AD	ψ0.007.000	/ KWII	100,700 KVIII =	ψ10,001.00
Demand Charge:			3.800 kW	
Energy Charge:	\$0.062950	/ kWh *	2,827,200 kWh =	\$177,972.24
Net Congestion, Losses, FTR:		/ kWh *	2,027,200 KVVII =	
Subtotal	\$0.000783	/ kWh *	0.007.000 1.14//	\$2,213.48
	\$0.063733	/ KWN "	2,827,200 kWh =	\$180,185.72
Efficiency Smart Power Plant 2017-2020				
FCDD 2047 2020 obligation @ \$4 400 /MM/b v 4FF 600 7 MM/b / 42				040.454.40
ESPP 2017-2020 obligation @ \$1.400 /MWh x 155,609.7 MWh / 12 Subtotal	#N1/A	/ 1.340- +	0.1340	\$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)	\$0.038809	/ kWh *	301,565 kWh =	\$11,703.43
Off Peak Energy Charge:	\$0.025643	/ kWh *	426,689 kWh =	\$10,941.39
Sale of Excess Non-Pool Resources to Pool Subtotal	\$0.028004	/ kWh *	-997,042 kWh =	-\$27,921.04
	\$0.019630	/ kWh *	-268,788 kWh =	-\$5,276.22
Total Demand Charges:				\$331,467.07
Total Energy Charges:				\$428,787.70
Total Power Charges:			14,326,956 kWh	\$760,254.77
TRANSMISSION SULPRES				
TRANSMISSION CHARGES:				
Demand Charge:	\$4.409882	/ kW *	31,968 kW =	\$140,975.11
Energy Charge:	\$0.000558	/ kWh *	12,029,484 kWh =	\$6,713.01
RPM (Capacity) Charges:	\$5.659100	/ kW *	30,922 kW =	\$174,992.95
TOTAL TRANSMISSION CHARGES:	\$0.026824	/ kWh *	12,029,484 kWh =	\$322,681.07
Service Fee Part A,				
Based on Annual Municipal Sales	\$0.000229	/ kWh *	154,389,743 kWh 1/12 =	\$2,946.27
Service Fee Part B.				
Energy Purchases	\$0.000580	/kWh *	14,364,258 kWh =	\$8,331.27
TOTAL OTHER CHARGES:				\$11,277.54
TOTAL OTHER GRANGES.				\$11,277.34
MISCELLANEOUS CHARGES:				
Deposit / (Withdraw) from RSF account				-\$50,000.00
Prior month adjustment				-\$459.69
TOTAL MISCELLANEOUS CHARGES:				-\$459.69 -\$50,459.69
TOTAL INIGOLLEANLOUS GHANGES.				-\$30,439.08
CRAND TOTAL DOWER INVOICE-				64 040 TEC 00
GRAND TOTAL POWER INVOICE:				\$1,043,753.69

Napoleon		Capacity Plan - Actual												
Aug	2017	A	CTUAL DEMAND =	:	29.47	MW								
Days	31	A	CTUAL ENERGY =		14,364	MWH								
				"		•	DEMAND	ENERGY	CONGESTION/L	CAPACITY	TRANSMISSION		EFFECTIVE	%
			DEMAND	DEMAND	ENERGY	LOAD	RATE	RATE	OSSES	CREDIT RATE	CREDIT RATE	TOTAL	RATE	OF
		SOURCE	MW	MW-MO	MWH	FACTOR	\$/KW	\$/MWH	\$/MWH	\$/KW	\$/KW	CHARGES	\$/MWH	DOLLARS
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(16)	(17)	(18)
1		NYPA - Ohio	0.92	0.92	739	108%	\$6.82	\$10.92	\$2.81	-\$4.70		\$12,082	\$16.35	1.0%
2		JV5	3.09	3.09	2,297	100%	\$31.49	\$17.22		-\$4.67	-\$4.41	\$108,743	\$47.33	8.8%
3		JV5 Losses	0.00	0.00	34	0%						\$0		0.0%
4		JV6	0.30	0.30	20	9%	\$5.15		4	-\$0.26	-\$0.40	\$1,350	\$69.19	0.1%
5		AMP-Hydro	3.07	3.07	1,597	70%	\$74.69	-\$1.80	\$1.59	-\$0.86		\$226,458	\$141.82	18.4%
6		Meldahl	0.50	0.50	219	58%	\$39.11	-\$1.63	\$1.80	-\$3.33		\$18,067	\$82.60	1.5%
/		Greenup AFEC	0.33 8.77	0.33 8.77	144	59%	\$31.71	-\$0.18	\$1.35	-\$3.26		\$9,556	\$66.43	0.8%
8		Prairie State	4.98		3,213 3,289	49% 89%	\$9.02 \$30.74	\$27.80 \$20.79	\$3.73 \$1.67	-\$3.45		\$150,069	\$46.71 \$63.62	12.2%
10		AMP Solar Phase I	1.04	4.98 1.04	3,289 159	21%	\$30.74	\$20.79	\$1.07	-\$3.54		\$209,220 \$13.808	\$87.00	17.0% 1.1%
10		Morgan Stanley 2015-20 7x24	3.80	3.80	2.827	100%		\$62.95	\$0.78			\$180,186	\$63.73	14.7%
12		AMPCT	12.40	12.40	2,62 <i>1</i> 59	1%	\$2.55	\$90.55	φυ./ο	-\$3.81	-\$2.52	-\$41,558	-\$707.02	-3.4%
13		JV2	0.26	0.26	1	0%	\$2.70	\$33.83		-\$5.34	-\$3.34	-\$1,557	-ψ101.02	-0.1%
14		NPP Pool Purchases	0.00	0.00	728	0%	Ψ2.70	\$30.46		ψ0.04	ψ0.0-1	\$22,185	\$30.46	1.8%
15		NPP Pool Sales	0.00		-997	0%		\$28.00				-\$27,921	\$28.00	-2.3%
		POWER TOTAL	39.46	39,46	14.327	49%	\$629,000	\$393,432	\$1.74	-\$120,696	-\$45,918	\$880,687	\$61.47	71.6%
16		Energy Efficiency			0		* /	*			, ,,,	\$18,154		1.5%
17		Installed Capacity	30.92	30.92			\$5.66					\$174,993	\$12.18	14.2%
18		Transmission	31.97	31.97	12,029		\$4.41	\$0.56				\$147,688	\$10.28	12.0%
19		Service Fee B			14,364			\$0.58				\$8,331	\$0.58	0.7%
20		Dispatch Charge			14,364							\$0		0.0%
		OTHER TOTAL					\$315,968	\$33,199				\$349,167	\$24.31	28.4%
GRAND TOTAL P					14,327							\$1,229,854		
Delivered to mem	nbers		29.470	29.470	14,364	66%						\$1,229,854	\$85.62	100.0%
			DEMAND		ENERGY	L.F.						TOTAL \$	\$/MWh	Avg Temp
		2017 Forecast	31.24		15,852	68%						\$1,322,636	\$83.44	71.5
		2016 Actual	33.23		16,965	69%						\$1,207,089	\$71.15	75.4
		2015 Actual	30.34		15,396	68%						\$1,032,987	\$67.09	69.9
]						Actual Temp		68.7

APOLEON T	uesday	Wednesday 7	hursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday F	riday S	Saturday	Sunday	Monday	Tuesday	
ate	8/1/2017	8/2/2017	8/3/2017	8/4/2017	8/5/2017	8/6/2017	8/7/2017	8/8/2017	8/9/2017	8/10/2017	8/11/2017	8/12/2017	8/13/2017	8/14/2017	8/15/2017	
our																
100	18,176	17,818	18,731	17,469	12,726	12,553	15,061	16,144	16,956	17,167	17,421	14,779	13,401	16,079	17,683	
200	17,520	17,359	18,054	17,420	12,304	12,385	14,843	15,524	16,612	16,763	16,925	14,192	12,927	15,779	17,124	
300 400	17,047 17,033	16,972 17,215	17,815 18,095	17,303 17,247	12,085 12,045	12,292 12,220	14,594 14,852	15,303 15,413	16,254 16,354	16,368 16,382	16,752 16,768	13,744 13,570	12,565 12,454	15,451 15,799	16,958 17,058	
500	17,486	17,675	18,626	17,247	12,288	12,220	15,484	15,798	16,782	16,673	17,316	13,529	12,395	16,406	17,038 17,575	
600	17,867	18,063	19,125	18,885	12,445	12,225	16,318	16,381	17,592	17,185	18,233	13,578	12,263	17,240	18,305	
700	18,850	19,292	20,201	19,775	13,083	12,418	17,317	17,277	18,325	18,410	19,268	14,072	12,353	18,219	19,155	
800	20,314	20,775	21,896	20,926	14,128	13,096	18,347	18,461	19,633	19,937	20,078	15,176	13,295	19,238	20,489	
900	21,700	22,228	23,142	21,831	14,855	13,658	19,447	19,242	20,810	20,968	21,096	16,265	14,534	20,393	21,570	
1000	22,632	23,572	24,667	22,341	15,589	14,325	20,209	20,368	21,879	21,660	21,966	17,181	15,966	21,799	22,797	
1100	23,988	24,649	25,839	22,139	15,808	14,824	20,888	20,987	22,300	22,578	22,637	17,488	16,946	22,855	24,213	
1200	24,804	25,608	26,774	21,850	15,905	15,229	21,400	21,811	23,089	23,500	23,083	17,644	17,219	23,847	25,456	
1300	25,918	27,026	27,885	21,380	16,056	15,209	21,900	22,485	23,900	24,036	23,284	17,972	18,038	24,796	26,194	
1400	26,335	27,286	28,654	20,907	15,973	15,407	21,856	22,926	24,195	25,087	23,837	17,961	18,511	25,028	26,890	
1500	26,127	28,195	28,567	20,106	16,271	15,502	22,092	22,886	24,315	25,203	23,938	17,982	19,468	25,628	27,526	
1600	26,352	28,207	28,044	19,380	16,311	15,947	21,902	23,379	24,955	25,247	24,541	18,648	19,867	25,453	27,104	
1700 1800	25,901 24,862	27,794 27,572	26,187 24,564	18,550 18,066	16,158 15,750	15,889	21,959	23,181 23,035	24,519 24,038	24,852 24,371	24,234 23,459	18,554 18,270	19,764 19,551	24,894 24,771	26,754 26,701	
1900	23,552	26,706	23,357	17,378	15,730	16,000 15,925	21,557 20,705	23,033	23,066	23,100	23,439	17,537	19,155	23,825	25,834	
2000	23,252	25,562	22,870	17,605	15,203	16,080	20,210	21,996	22,388	22,341	21,654	16,933	18,899	23,109	25,170	
2100	23,258	24,951	22,637	17,462	15,770	16,779	20,363	22,080	22,124	22,144	21,464	17,167	19,156	22,638	24,591	
2200	21,803	23,034	21,069	15,826	14,942	16,284	19,043	20,417	20,614	20,881	19,473	16,346	18,498	21,137	22,804	
2300	20,241	21,084	19,356	14,077	14,017	16,030	17,657	18,855	19,101	19,450	17,425	15,139	17,835	19,753	20,997	
2400	18,923	19,627	18,194	13,311	13,267	15,498	16,625	17,709	18,048	18,408	15,894	14,223	16,931	18,712	19,780	
al	523,941	548,270	544,349	449,018	348,361	347,986	454,629	474,303	497,849	502,711	493,378	387,950	391,991	502,849	538,728	
\	Vednesday -	Thursday F	riday	Saturday	Sunday I	Monday	Tuesday	Wednesday	Thursday	-	Saturday S	Sunday	•	Tuesday	•	Thursday
te ur	8/16/2017	8/17/2017	8/18/2017	8/19/2017	8/20/2017	8/21/2017	8/22/2017	8/23/2017	8/24/2017	8/25/2017	8/26/2017	8/27/2017	8/28/2017	8/29/2017	8/30/2017	8/31
ui								0/20/2017	0/24/2017	0/20/2011			0, _ 0, _ 0	5.25.25	0,00,00	
100	18.654	19.155	19.013	14.578	13.925	17.747	19.920					12.141				1
100 200	18,654 17,899	19,155 18,678	19,013 18,350	14,578 14,099	13,925 13,227	17,747 17,533	19,920 19,229	16,115	15,582	15,300	12,782	12,141 12,144	14,767	16,117	15,793	
100 200 300	18,654 17,899 17,403	19,155 18,678 18,214	19,013 18,350 18,053	14,578 14,099 13,706	13,925 13,227 12,984	17,747 17,533 17,105	19,920 19,229 18,632					12,141 12,144 11,941				1
200	17,899	18,678	18,350	14,099	13,227	17,533	19,229	16,115 15,766	15,582 15,342	15,300 15,069	12,782 12,485	12,144	14,767 14,419	16,117 16,164	15,793 15,332	1 1
200 300	17,899 17,403	18,678 18,214	18,350 18,053	14,099 13,706	13,227 12,984	17,533 17,105	19,229 18,632	16,115 15,766 15,553	15,582 15,342 15,228	15,300 15,069 14,801	12,782 12,485 12,161	12,144 11,941	14,767 14,419 14,560	16,117 16,164 15,700	15,793 15,332 15,363	1 1 1
200 300 400 500 600	17,899 17,403 17,499 17,770 18,585	18,678 18,214 18,378 19,213 20,293	18,350 18,053 18,039 18,526 19,122	14,099 13,706 13,744 14,066 14,187	13,227 12,984 12,876 12,877 12,939	17,533 17,105 17,617 18,218 19,309	19,229 18,632 18,849 19,912 20,837	16,115 15,766 15,553 15,658 16,389 17,328	15,582 15,342 15,228 15,379 15,890 17,125	15,300 15,069 14,801 15,017 15,374 16,248	12,782 12,485 12,161 12,329 12,574 12,932	12,144 11,941 11,845 11,769 12,088	14,767 14,419 14,560 14,879 15,537 16,960	16,117 16,164 15,700 15,915 16,451 17,457	15,793 15,332 15,363 15,688 16,423 17,260	1 1 1 1
200 300 400 500 600 700	17,899 17,403 17,499 17,770 18,585 19,580	18,678 18,214 18,378 19,213 20,293 21,422	18,350 18,053 18,039 18,526 19,122 20,072	14,099 13,706 13,744 14,066 14,187 14,399	13,227 12,984 12,876 12,877 12,939 13,125	17,533 17,105 17,617 18,218 19,309 20,348	19,229 18,632 18,849 19,912 20,837 21,553	16,115 15,766 15,553 15,658 16,389 17,328 18,308	15,582 15,342 15,228 15,379 15,890 17,125 17,995	15,300 15,069 14,801 15,017 15,374 16,248 17,654	12,782 12,485 12,161 12,329 12,574 12,932 13,254	12,144 11,941 11,845 11,769 12,088 12,394	14,767 14,419 14,560 14,879 15,537 16,960 18,134	16,117 16,164 15,700 15,915 16,451 17,457 18,300	15,793 15,332 15,363 15,688 16,423 17,260 18,268	1(1) 1) 1(1) 1(1)
200 300 400 500 600 700 800	17,899 17,403 17,499 17,770 18,585 19,580 21,312	18,678 18,214 18,378 19,213 20,293 21,422 22,879	18,350 18,053 18,039 18,526 19,122 20,072 21,699	14,099 13,706 13,744 14,066 14,187 14,399 15,603	13,227 12,984 12,876 12,877 12,939 13,125 14,207	17,533 17,105 17,617 18,218 19,309 20,348 21,627	19,229 18,632 18,849 19,912 20,837 21,553 22,299	16,115 15,766 15,553 15,658 16,389 17,328 18,308 19,191	15,582 15,342 15,228 15,379 15,890 17,125 17,995 18,774	15,300 15,069 14,801 15,017 15,374 16,248 17,654 18,140	12,782 12,485 12,161 12,329 12,574 12,932 13,254 14,066	12,144 11,941 11,845 11,769 12,088 12,394 12,737	14,767 14,419 14,560 14,879 15,537 16,960 18,134 19,119	16,117 16,164 15,700 15,915 16,451 17,457 18,300 19,450	15,793 15,332 15,363 15,688 16,423 17,260 18,268 19,204	1 1 1 1 1 1
200 300 400 500 600 700 800 900	17,899 17,403 17,499 17,770 18,585 19,580 21,312 22,621	18,678 18,214 18,378 19,213 20,293 21,422 22,879 24,139	18,350 18,053 18,039 18,526 19,122 20,072 21,699 22,638	14,099 13,706 13,744 14,066 14,187 14,399 15,603 16,692	13,227 12,984 12,876 12,877 12,939 13,125 14,207 15,332	17,533 17,105 17,617 18,218 19,309 20,348 21,627 22,569	19,229 18,632 18,849 19,912 20,837 21,553 22,299 23,047	16,115 15,766 15,553 15,658 16,389 17,328 18,308 19,191 19,853	15,582 15,342 15,228 15,379 15,890 17,125 17,995 18,774 19,324	15,300 15,069 14,801 15,017 15,374 16,248 17,654 18,140 18,607	12,782 12,485 12,161 12,329 12,574 12,932 13,254 14,066 14,799	12,144 11,941 11,845 11,769 12,088 12,394 12,737 13,093	14,767 14,419 14,560 14,879 15,537 16,960 18,134 19,119 19,534	16,117 16,164 15,700 15,915 16,451 17,457 18,300 19,450 19,988	15,793 15,332 15,363 15,688 16,423 17,260 18,268 19,204 19,565	1 1 1 1 1 1
200 300 400 500 600 700 800 900 1000	17,899 17,403 17,499 17,770 18,585 19,580 21,312 22,621 24,285	18,678 18,214 18,378 19,213 20,293 21,422 22,879 24,139 25,062	18,350 18,053 18,039 18,526 19,122 20,072 21,699 22,638 23,505	14,099 13,706 13,744 14,066 14,187 14,399 15,603 16,692 17,807	13,227 12,984 12,876 12,877 12,939 13,125 14,207 15,332 16,494	17,533 17,105 17,617 18,218 19,309 20,348 21,627 22,569 24,048	19,229 18,632 18,849 19,912 20,837 21,553 22,299 23,047 23,684	16,115 15,766 15,553 15,658 16,389 17,328 18,308 19,191 19,853 20,758	15,582 15,342 15,228 15,379 15,890 17,125 17,995 18,774 19,324 19,788	15,300 15,069 14,801 15,017 15,374 16,248 17,654 18,140 18,607 19,006	12,782 12,485 12,161 12,329 12,574 12,932 13,254 14,066 14,799 15,321	12,144 11,941 11,845 11,769 12,088 12,394 12,737 13,093 13,511	14,767 14,419 14,560 14,879 15,537 16,960 18,134 19,119 19,534 19,852	16,117 16,164 15,700 15,915 16,451 17,457 18,300 19,450 19,988 20,330	15,793 15,332 15,363 15,688 16,423 17,260 18,268 19,204 19,565 20,332	1 1 1 1 1 1 1 2
200 300 400 500 600 700 800 900 1000 1100	17,899 17,403 17,499 17,770 18,585 19,580 21,312 22,621 24,285 25,378	18,678 18,214 18,378 19,213 20,293 21,422 22,879 24,139 25,062 26,451	18,350 18,053 18,039 18,526 19,122 20,072 21,699 22,638 23,505 23,360	14,099 13,706 13,744 14,066 14,187 14,399 15,603 16,692 17,807 18,736	13,227 12,984 12,876 12,877 12,939 13,125 14,207 15,332 16,494 17,704	17,533 17,105 17,617 18,218 19,309 20,348 21,627 22,569 24,048 25,403	19,229 18,632 18,849 19,912 20,837 21,553 22,299 23,047 23,684 23,655	16,115 15,766 15,553 15,658 16,389 17,328 18,308 19,191 19,853 20,758 21,219	15,582 15,342 15,228 15,379 15,890 17,125 17,995 18,774 19,324 19,788 19,972	15,300 15,069 14,801 15,017 15,374 16,248 17,654 18,140 18,607 19,006 19,345	12,782 12,485 12,161 12,329 12,574 12,932 13,254 14,066 14,799 15,321 15,592	12,144 11,941 11,845 11,769 12,088 12,394 12,737 13,093 13,511 14,189	14,767 14,419 14,560 14,879 15,537 16,960 18,134 19,119 19,534 19,852 19,888	16,117 16,164 15,700 15,915 16,451 17,457 18,300 19,450 19,988 20,330 20,430	15,793 15,332 15,363 15,688 16,423 17,260 18,268 19,204 19,565 20,332 20,808	1 1 1 1 1 1 2 2
200 300 400 500 600 700 800 900 1000 1100 1200	17,899 17,403 17,499 17,770 18,585 19,580 21,312 22,621 24,285 25,378 26,550	18,678 18,214 18,378 19,213 20,293 21,422 22,879 24,139 25,062 26,451 27,368	18,350 18,053 18,039 18,526 19,122 20,072 21,699 22,638 23,505 23,360 23,685	14,099 13,706 13,744 14,066 14,187 14,399 15,603 16,692 17,807 18,736 19,090	13,227 12,984 12,876 12,877 12,939 13,125 14,207 15,332 16,494 17,704 18,805	17,533 17,105 17,617 18,218 19,309 20,348 21,627 22,569 24,048 25,403 26,849	19,229 18,632 18,849 19,912 20,837 21,553 22,299 23,047 23,684 23,655 24,638	16,115 15,766 15,553 15,658 16,389 17,328 18,308 19,191 19,853 20,758 21,219 21,750	15,582 15,342 15,228 15,379 15,890 17,125 17,995 18,774 19,324 19,788 19,972 20,176	15,300 15,069 14,801 15,017 15,374 16,248 17,654 18,140 18,607 19,006 19,345 19,402	12,782 12,485 12,161 12,329 12,574 12,932 13,254 14,066 14,799 15,321 15,592 15,596	12,144 11,941 11,845 11,769 12,088 12,394 12,737 13,093 13,511 14,189 15,036	14,767 14,419 14,560 14,879 15,537 16,960 18,134 19,119 19,534 19,852 19,888 20,032	16,117 16,164 15,700 15,915 16,451 17,457 18,300 19,450 19,988 20,330 20,430 20,622	15,793 15,332 15,363 15,688 16,423 17,260 18,268 19,204 19,565 20,332 20,808 19,910	1 1 1 1 1 1 1 2 2
200 300 400 500 600 700 800 900 1000 1100 1200 1300	17,899 17,403 17,499 17,770 18,585 19,580 21,312 22,621 24,285 25,378 26,550 27,490	18,678 18,214 18,378 19,213 20,293 21,422 22,879 24,139 25,062 26,451 27,368 27,254	18,350 18,053 18,039 18,526 19,122 20,072 21,699 22,638 23,505 23,360 23,685 23,860	14,099 13,706 13,744 14,066 14,187 14,399 15,603 16,692 17,807 18,736 19,090 19,602	13,227 12,984 12,876 12,877 12,939 13,125 14,207 15,332 16,494 17,704 18,805 19,789	17,533 17,105 17,617 18,218 19,309 20,348 21,627 22,569 24,048 25,403 26,849 26,223	19,229 18,632 18,849 19,912 20,837 21,553 22,299 23,047 23,684 23,655 24,638 23,742	16,115 15,766 15,553 15,658 16,389 17,328 18,308 19,191 19,853 20,758 21,219 21,750 21,908	15,582 15,342 15,228 15,379 15,890 17,125 17,995 18,774 19,324 19,788 19,972 20,176 20,446	15,300 15,069 14,801 15,017 15,374 16,248 17,654 18,140 18,607 19,006 19,345 19,402 19,549	12,782 12,485 12,161 12,329 12,574 12,932 13,254 14,066 14,799 15,321 15,592 15,596 15,673	12,144 11,941 11,845 11,769 12,088 12,394 12,737 13,093 13,511 14,189 15,036 15,508	14,767 14,419 14,560 14,879 15,537 16,960 18,134 19,119 19,534 19,852 19,888 20,032 20,167	16,117 16,164 15,700 15,915 16,451 17,457 18,300 19,450 19,988 20,330 20,430 20,622 20,546	15,793 15,332 15,363 15,688 16,423 17,260 18,268 19,204 19,565 20,332 20,808 19,910 22,339	1 1 1 1 1 1 1 2 2 2
200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400	17,899 17,403 17,499 17,770 18,585 19,580 21,312 22,621 24,285 25,378 26,550 27,490 27,986	18,678 18,214 18,378 19,213 20,293 21,422 22,879 24,139 25,062 26,451 27,368 27,254 26,951	18,350 18,053 18,039 18,526 19,122 20,072 21,699 22,638 23,505 23,360 23,685 23,860 23,888	14,099 13,706 13,744 14,066 14,187 14,399 15,603 16,692 17,807 18,736 19,090 19,602 19,759	13,227 12,984 12,876 12,877 12,939 13,125 14,207 15,332 16,494 17,704 18,805 19,789 20,814	17,533 17,105 17,617 18,218 19,309 20,348 21,627 22,569 24,048 25,403 26,849 26,223 27,327	19,229 18,632 18,849 19,912 20,837 21,553 22,299 23,047 23,684 23,655 24,638 23,742 25,131	16,115 15,766 15,553 15,658 16,389 17,328 18,308 19,191 19,853 20,758 21,219 21,750 21,908 21,900	15,582 15,342 15,228 15,379 15,890 17,125 17,995 18,774 19,324 19,788 19,972 20,176 20,446 20,294	15,300 15,069 14,801 15,017 15,374 16,248 17,654 18,140 18,607 19,006 19,345 19,402 19,549 19,347	12,782 12,485 12,161 12,329 12,574 12,932 13,254 14,066 14,799 15,321 15,592 15,596 15,673 15,655	12,144 11,941 11,845 11,769 12,088 12,394 12,737 13,093 13,511 14,189 15,036 15,508 15,656	14,767 14,419 14,560 14,879 15,537 16,960 18,134 19,119 19,534 19,852 19,888 20,032 20,167 19,909	16,117 16,164 15,700 15,915 16,451 17,457 18,300 19,450 19,988 20,330 20,430 20,622 20,546 20,620	15,793 15,332 15,363 15,688 16,423 17,260 18,268 19,204 19,565 20,332 20,808 19,910 22,339 22,101	1 1 1 1 1 1 2 2 2 2 2
200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500	17,899 17,403 17,499 17,770 18,585 19,580 21,312 22,621 24,285 25,378 26,550 27,490 27,986 28,758	18,678 18,214 18,378 19,213 20,293 21,422 22,879 24,139 25,062 26,451 27,368 27,254 26,951 27,271	18,350 18,053 18,039 18,526 19,122 20,072 21,699 22,638 23,505 23,360 23,685 23,860 23,888 23,998	14,099 13,706 13,744 14,066 14,187 14,399 15,603 16,692 17,807 18,736 19,090 19,602 19,759 20,197	13,227 12,984 12,876 12,877 12,939 13,125 14,207 15,332 16,494 17,704 18,805 19,789 20,814 21,561	17,533 17,105 17,617 18,218 19,309 20,348 21,627 22,569 24,048 25,403 26,849 26,223 27,327 27,776	19,229 18,632 18,849 19,912 20,837 21,553 22,299 23,047 23,684 23,655 24,638 23,742 25,131 24,926	16,115 15,766 15,553 15,658 16,389 17,328 18,308 19,191 19,853 20,758 21,219 21,750 21,908 21,900 21,289	15,582 15,342 15,228 15,379 15,890 17,125 17,995 18,774 19,324 19,788 19,972 20,176 20,446 20,294 19,833	15,300 15,069 14,801 15,017 15,374 16,248 17,654 18,140 18,607 19,006 19,345 19,402 19,549 19,347 19,241	12,782 12,485 12,161 12,329 12,574 12,932 13,254 14,066 14,799 15,321 15,592 15,596 15,673 15,655 15,870	12,144 11,941 11,845 11,769 12,088 12,394 12,737 13,093 13,511 14,189 15,036 15,508 15,656 16,310	14,767 14,419 14,560 14,879 15,537 16,960 18,134 19,119 19,534 19,852 19,888 20,032 20,167 19,909 19,579	16,117 16,164 15,700 15,915 16,451 17,457 18,300 19,450 19,988 20,330 20,430 20,622 20,546 20,620 20,004	15,793 15,332 15,363 15,688 16,423 17,260 18,268 19,204 19,565 20,332 20,808 19,910 22,339 22,101 22,281	1 1 1 1 1 1 2 2 2 2 2 2
200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600	17,899 17,403 17,499 17,770 18,585 19,580 21,312 22,621 24,285 25,378 26,550 27,490 27,986 28,758 29,115	18,678 18,214 18,378 19,213 20,293 21,422 22,879 24,139 25,062 26,451 27,368 27,254 26,951 27,271 28,003	18,350 18,053 18,039 18,526 19,122 20,072 21,699 22,638 23,505 23,360 23,685 23,860 23,888 23,998 24,145	14,099 13,706 13,744 14,066 14,187 14,399 15,603 16,692 17,807 18,736 19,090 19,602 19,759 20,197 20,753	13,227 12,984 12,876 12,877 12,939 13,125 14,207 15,332 16,494 17,704 18,805 19,789 20,814 21,561 22,293	17,533 17,105 17,617 18,218 19,309 20,348 21,627 22,569 24,048 25,403 26,849 26,223 27,327 27,776 28,559	19,229 18,632 18,849 19,912 20,837 21,553 22,299 23,047 23,684 23,655 24,638 23,742 25,131 24,926 26,155	16,115 15,766 15,553 15,658 16,389 17,328 18,308 19,191 19,853 20,758 21,219 21,750 21,908 21,900 21,289 21,543	15,582 15,342 15,228 15,379 15,890 17,125 17,995 18,774 19,324 19,788 19,972 20,176 20,446 20,294 19,833 19,619	15,300 15,069 14,801 15,017 15,374 16,248 17,654 18,140 18,607 19,006 19,345 19,402 19,549 19,347 19,241 19,049	12,782 12,485 12,161 12,329 12,574 12,932 13,254 14,066 14,799 15,321 15,592 15,596 15,673 15,655 15,870 16,012	12,144 11,941 11,845 11,769 12,088 12,394 12,737 13,093 13,511 14,189 15,036 15,508 15,656 16,310 16,583	14,767 14,419 14,560 14,879 15,537 16,960 18,134 19,119 19,534 19,852 19,888 20,032 20,167 19,909 19,579 19,405	16,117 16,164 15,700 15,915 16,451 17,457 18,300 19,450 19,988 20,330 20,430 20,622 20,546 20,620 20,004 20,354	15,793 15,332 15,363 15,688 16,423 17,260 18,268 19,204 19,565 20,332 20,808 19,910 22,339 22,101 22,281 22,379	1 1 1 1 1 1 2 2 2 2 2 2 1 1
200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700	17,899 17,403 17,499 17,770 18,585 19,580 21,312 22,621 24,285 25,378 26,550 27,490 27,986 28,758 29,115 28,883	18,678 18,214 18,378 19,213 20,293 21,422 22,879 24,139 25,062 26,451 27,368 27,254 26,951 27,271 28,003 27,743	18,350 18,053 18,039 18,526 19,122 20,072 21,699 22,638 23,505 23,360 23,685 23,860 23,888 23,998 24,145 23,559	14,099 13,706 13,744 14,066 14,187 14,399 15,603 16,692 17,807 18,736 19,090 19,602 19,759 20,197 20,753 20,715	13,227 12,984 12,876 12,877 12,939 13,125 14,207 15,332 16,494 17,704 18,805 19,789 20,814 21,561 22,293 22,688	17,533 17,105 17,617 18,218 19,309 20,348 21,627 22,569 24,048 25,403 26,849 26,223 27,327 27,776 28,559 29,470	19,229 18,632 18,849 19,912 20,837 21,553 22,299 23,047 23,655 24,638 23,742 25,131 24,926 26,155 24,315	16,115 15,766 15,553 15,658 16,389 17,328 18,308 19,191 19,853 20,758 21,219 21,750 21,908 21,900 21,289 21,543 20,990	15,582 15,342 15,228 15,379 15,890 17,125 17,995 18,774 19,324 19,788 19,972 20,176 20,446 20,294 19,833 19,619 18,913	15,300 15,069 14,801 15,017 15,374 16,248 17,654 18,140 18,607 19,006 19,345 19,402 19,549 19,347 19,241 19,049 18,616	12,782 12,485 12,161 12,329 12,574 12,932 13,254 14,066 14,799 15,321 15,592 15,596 15,673 15,655 15,870 16,012 16,109	12,144 11,941 11,845 11,769 12,088 12,394 12,737 13,093 13,511 14,189 15,036 15,508 15,656 16,310 16,583 16,679	14,767 14,419 14,560 14,879 15,537 16,960 18,134 19,119 19,534 19,852 19,888 20,032 20,167 19,909 19,579 19,405 19,430	16,117 16,164 15,700 15,915 16,451 17,457 18,300 19,450 19,988 20,330 20,430 20,622 20,546 20,620 20,004 20,354 19,936	15,793 15,332 15,363 15,688 16,423 17,260 18,268 19,204 19,565 20,332 20,808 19,910 22,339 22,101 22,281 22,379 22,063	1 1 1 1 1 1 2 2 2 2 2 1 1
200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800	17,899 17,403 17,499 17,770 18,585 19,580 21,312 22,621 24,285 25,378 26,550 27,490 27,986 28,758 29,115 28,883 28,250	18,678 18,214 18,378 19,213 20,293 21,422 22,879 24,139 25,062 26,451 27,368 27,254 26,951 27,271 28,003 27,743 27,115	18,350 18,053 18,039 18,526 19,122 20,072 21,699 22,638 23,505 23,360 23,685 23,860 23,888 23,998 24,145 23,559 23,056	14,099 13,706 13,744 14,066 14,187 14,399 15,603 16,692 17,807 18,736 19,090 19,602 19,759 20,197 20,753 20,715 20,363	13,227 12,984 12,876 12,877 12,939 13,125 14,207 15,332 16,494 17,704 18,805 19,789 20,814 21,561 22,293 22,688 22,884	17,533 17,105 17,617 18,218 19,309 20,348 21,627 22,569 24,048 25,403 26,849 26,223 27,327 27,776 28,559 29,470 27,947	19,229 18,632 18,849 19,912 20,837 21,553 22,299 23,047 23,684 23,655 24,638 23,742 25,131 24,926 26,155 24,315 24,049	16,115 15,766 15,553 15,658 16,389 17,328 18,308 19,191 19,853 20,758 21,219 21,750 21,908 21,900 21,289 21,543 20,990 21,126	15,582 15,342 15,228 15,379 15,890 17,125 17,995 18,774 19,324 19,788 19,972 20,176 20,446 20,294 19,833 19,619 18,913 18,589	15,300 15,069 14,801 15,017 15,374 16,248 17,654 18,140 18,607 19,006 19,345 19,402 19,549 19,347 19,241 19,049 18,616 18,286	12,782 12,485 12,161 12,329 12,574 12,932 13,254 14,066 14,799 15,321 15,592 15,596 15,673 15,655 15,870 16,012 16,109 15,722	12,144 11,941 11,845 11,769 12,088 12,394 12,737 13,093 13,511 14,189 15,036 15,508 15,656 16,310 16,583 16,679 16,774	14,767 14,419 14,560 14,879 15,537 16,960 18,134 19,119 19,534 19,852 19,888 20,032 20,167 19,909 19,579 19,405 19,430 19,364	16,117 16,164 15,700 15,915 16,451 17,457 18,300 19,450 19,988 20,330 20,430 20,622 20,546 20,620 20,004 20,354 19,936 19,727	15,793 15,332 15,363 15,688 16,423 17,260 18,268 19,204 19,565 20,332 20,808 19,910 22,339 22,101 22,281 22,379 22,063 21,967	1 1 1 1 1 1 2 2 2 2 2 1 1 1
200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700	17,899 17,403 17,499 17,770 18,585 19,580 21,312 22,621 24,285 25,378 26,550 27,490 27,986 28,758 29,115 28,883	18,678 18,214 18,378 19,213 20,293 21,422 22,879 24,139 25,062 26,451 27,368 27,254 26,951 27,271 28,003 27,743	18,350 18,053 18,039 18,526 19,122 20,072 21,699 22,638 23,505 23,360 23,685 23,860 23,888 23,998 24,145 23,559	14,099 13,706 13,744 14,066 14,187 14,399 15,603 16,692 17,807 18,736 19,090 19,602 19,759 20,197 20,753 20,715	13,227 12,984 12,876 12,877 12,939 13,125 14,207 15,332 16,494 17,704 18,805 19,789 20,814 21,561 22,293 22,688	17,533 17,105 17,617 18,218 19,309 20,348 21,627 22,569 24,048 25,403 26,849 26,223 27,327 27,776 28,559 29,470	19,229 18,632 18,849 19,912 20,837 21,553 22,299 23,047 23,655 24,638 23,742 25,131 24,926 26,155 24,315	16,115 15,766 15,553 15,658 16,389 17,328 18,308 19,191 19,853 20,758 21,219 21,750 21,908 21,900 21,289 21,543 20,990	15,582 15,342 15,228 15,379 15,890 17,125 17,995 18,774 19,324 19,788 19,972 20,176 20,446 20,294 19,833 19,619 18,913	15,300 15,069 14,801 15,017 15,374 16,248 17,654 18,140 18,607 19,006 19,345 19,402 19,549 19,347 19,241 19,049 18,616	12,782 12,485 12,161 12,329 12,574 12,932 13,254 14,066 14,799 15,321 15,592 15,596 15,673 15,655 15,870 16,012 16,109	12,144 11,941 11,845 11,769 12,088 12,394 12,737 13,093 13,511 14,189 15,036 15,508 15,656 16,310 16,583 16,679	14,767 14,419 14,560 14,879 15,537 16,960 18,134 19,119 19,534 19,852 19,888 20,032 20,167 19,909 19,579 19,405 19,430	16,117 16,164 15,700 15,915 16,451 17,457 18,300 19,450 19,988 20,330 20,430 20,622 20,546 20,620 20,004 20,354 19,936	15,793 15,332 15,363 15,688 16,423 17,260 18,268 19,204 19,565 20,332 20,808 19,910 22,339 22,101 22,281 22,379 22,063	1 1 1 1 1 1 2 2 2 2 2 1 1 1 1
200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900	17,899 17,403 17,499 17,770 18,585 19,580 21,312 22,621 24,285 25,378 26,550 27,490 27,986 28,758 29,115 28,883 28,250 27,184	18,678 18,214 18,378 19,213 20,293 21,422 22,879 24,139 25,062 26,451 27,368 27,254 26,951 27,271 28,003 27,743 27,115 26,144	18,350 18,053 18,039 18,526 19,122 20,072 21,699 22,638 23,505 23,360 23,685 23,860 23,888 23,998 24,145 23,559 23,056 21,884	14,099 13,706 13,744 14,066 14,187 14,399 15,603 16,692 17,807 18,736 19,090 19,602 19,759 20,197 20,753 20,715 20,363 19,610	13,227 12,984 12,876 12,877 12,939 13,125 14,207 15,332 16,494 17,704 18,805 19,789 20,814 21,561 22,293 22,688 22,884 22,497	17,533 17,105 17,617 18,218 19,309 20,348 21,627 22,569 24,048 25,403 26,849 26,223 27,327 27,776 28,559 29,470 27,947 26,960	19,229 18,632 18,849 19,912 20,837 21,553 22,299 23,047 23,684 23,655 24,638 23,742 25,131 24,926 26,155 24,315 24,049 22,687	16,115 15,766 15,553 15,658 16,389 17,328 18,308 19,191 19,853 20,758 21,219 21,750 21,908 21,900 21,289 21,543 20,990 21,126 20,368	15,582 15,342 15,228 15,379 15,890 17,125 17,995 18,774 19,324 19,788 19,972 20,176 20,446 20,294 19,833 19,619 18,913 18,589 18,044	15,300 15,069 14,801 15,017 15,374 16,248 17,654 18,140 18,607 19,006 19,345 19,402 19,549 19,347 19,241 19,049 18,616 18,286 17,793	12,782 12,485 12,161 12,329 12,574 12,932 13,254 14,066 14,799 15,321 15,592 15,673 15,673 15,655 15,870 16,012 16,109 15,722 14,986	12,144 11,941 11,845 11,769 12,088 12,394 12,737 13,093 13,511 14,189 15,036 15,508 15,656 16,310 16,583 16,679 16,774 16,557	14,767 14,419 14,560 14,879 15,537 16,960 18,134 19,119 19,534 19,852 19,888 20,032 20,167 19,909 19,579 19,430 19,364 19,266	16,117 16,164 15,700 15,915 16,451 17,457 18,300 19,450 19,988 20,330 20,430 20,622 20,546 20,620 20,004 20,354 19,936 19,727 19,560	15,793 15,332 15,363 15,688 16,423 17,260 18,268 19,204 19,565 20,332 20,808 19,910 22,339 22,101 22,281 22,379 22,063 21,967 21,150	1 1 1 1 1 1 2 2 2 2 2 1 1 1
200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000	17,899 17,403 17,499 17,770 18,585 19,580 21,312 22,621 24,285 25,378 26,550 27,490 27,986 28,758 29,115 28,883 28,250 27,184 26,316	18,678 18,214 18,378 19,213 20,293 21,422 22,879 24,139 25,062 26,451 27,368 27,254 26,951 27,271 28,003 27,743 27,115 26,144 25,499	18,350 18,053 18,039 18,526 19,122 20,072 21,699 22,638 23,505 23,360 23,685 23,860 23,888 23,998 24,145 23,559 23,056 21,884 21,402	14,099 13,706 13,744 14,066 14,187 14,399 15,603 16,692 17,807 18,736 19,090 19,602 19,759 20,197 20,753 20,715 20,363 19,610 18,880	13,227 12,984 12,876 12,877 12,939 13,125 14,207 15,332 16,494 17,704 18,805 19,789 20,814 21,561 22,293 22,688 22,884 22,497 22,474	17,533 17,105 17,617 18,218 19,309 20,348 21,627 22,569 24,048 25,403 26,849 26,223 27,327 27,776 28,559 29,470 27,947 26,960 26,412	19,229 18,632 18,849 19,912 20,837 21,553 22,299 23,047 23,684 23,655 24,638 23,742 25,131 24,926 26,155 24,315 24,049 22,687 22,075	16,115 15,766 15,553 15,658 16,389 17,328 18,308 19,191 19,853 20,758 21,219 21,750 21,900 21,289 21,543 20,990 21,126 20,368 20,104	15,582 15,342 15,228 15,379 15,890 17,125 17,995 18,774 19,324 19,788 19,972 20,176 20,446 20,294 19,833 19,619 18,913 18,589 18,044 18,473	15,300 15,069 14,801 15,017 15,374 16,248 17,654 18,140 18,607 19,006 19,345 19,402 19,549 19,347 19,241 19,049 18,616 18,286 17,793 17,869	12,782 12,485 12,161 12,329 12,574 12,932 13,254 14,066 14,799 15,321 15,592 15,596 15,673 15,655 15,870 16,012 16,109 15,722 14,986 15,385	12,144 11,941 11,845 11,769 12,088 12,394 12,737 13,093 13,511 14,189 15,036 15,508 15,656 16,310 16,583 16,679 16,774 16,557 17,014	14,767 14,419 14,560 14,879 15,537 16,960 18,134 19,119 19,534 19,852 19,888 20,032 20,167 19,909 19,579 19,405 19,430 19,364 19,266 19,715	16,117 16,164 15,700 15,915 16,451 17,457 18,300 19,450 19,988 20,330 20,430 20,622 20,546 20,620 20,004 20,354 19,936 19,727 19,560 20,069	15,793 15,332 15,363 15,688 16,423 17,260 18,268 19,204 19,565 20,332 20,808 19,910 22,339 22,101 22,281 22,379 22,063 21,967 21,150 21,424	1 1 1 1 1 1 2 2 2 2 2 2 1 1 1 1 1
200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100	17,899 17,403 17,499 17,770 18,585 19,580 21,312 22,621 24,285 25,378 26,550 27,490 27,986 28,758 29,115 28,883 28,250 27,184 26,316 25,638	18,678 18,214 18,378 19,213 20,293 21,422 22,879 24,139 25,062 26,451 27,368 27,254 26,951 27,271 28,003 27,743 27,115 26,144 25,499 25,177	18,350 18,053 18,039 18,526 19,122 20,072 21,699 22,638 23,505 23,360 23,685 23,860 23,888 23,998 24,145 23,559 23,056 21,884 21,402 20,958	14,099 13,706 13,744 14,066 14,187 14,399 15,603 16,692 17,807 18,736 19,090 19,602 19,759 20,197 20,753 20,715 20,363 19,610 18,880 18,667	13,227 12,984 12,876 12,877 12,939 13,125 14,207 15,332 16,494 17,704 18,805 19,789 20,814 21,561 22,293 22,688 22,497 22,474 22,052	17,533 17,105 17,617 18,218 19,309 20,348 21,627 22,569 24,048 25,403 26,849 26,223 27,327 27,776 28,559 29,470 27,947 26,960 26,412 26,194	19,229 18,632 18,849 19,912 20,837 21,553 22,299 23,047 23,684 23,655 24,638 23,742 25,131 24,926 26,155 24,315 24,049 22,687 22,075 21,597	16,115 15,766 15,553 15,658 16,389 17,328 18,308 19,191 19,853 20,758 21,219 21,750 21,908 21,900 21,289 21,543 20,990 21,126 20,368 20,104 19,725	15,582 15,342 15,228 15,379 15,890 17,125 17,995 18,774 19,324 19,788 19,972 20,176 20,446 20,294 19,833 19,619 18,913 18,589 18,044 18,473 18,401	15,300 15,069 14,801 15,017 15,374 16,248 17,654 18,140 18,607 19,006 19,345 19,402 19,549 19,347 19,241 19,049 18,616 18,286 17,793 17,869 17,600	12,782 12,485 12,161 12,329 12,574 12,932 13,254 14,066 14,799 15,321 15,592 15,596 15,673 15,655 15,870 16,012 16,109 15,722 14,986 15,385 15,116	12,144 11,941 11,845 11,769 12,088 12,394 12,737 13,093 13,511 14,189 15,036 15,508 15,656 16,310 16,583 16,679 16,774 16,557 17,014 16,896	14,767 14,419 14,560 14,879 15,537 16,960 18,134 19,119 19,534 19,852 19,888 20,032 20,167 19,909 19,579 19,405 19,430 19,364 19,266 19,715 19,412	16,117 16,164 15,700 15,915 16,451 17,457 18,300 19,450 19,988 20,330 20,430 20,622 20,546 20,620 20,004 20,354 19,936 19,727 19,560 20,069 19,760	15,793 15,332 15,363 15,688 16,423 17,260 18,268 19,204 19,565 20,332 20,808 19,910 22,339 22,101 22,281 22,379 22,063 21,967 21,150 21,424 21,018	1 1 1 1 1 1 2 2 2 2 2 1 1 1 1 1 1

525,155 458,134 432,981 415,139

347,702

29,470 Minimum

344,863

Maximum

435,402

449,417

11,769 Grand Total

464,639

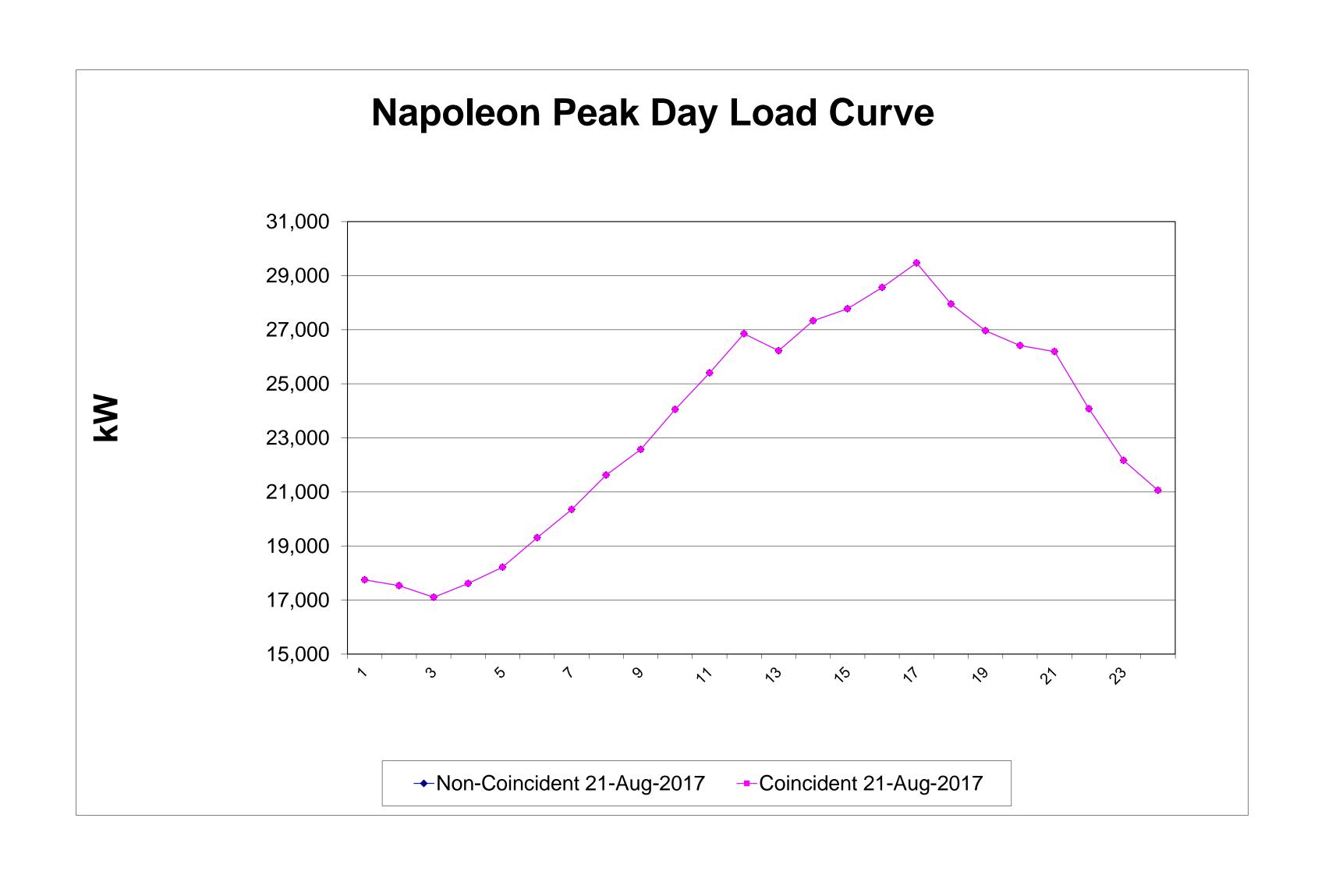
443,840

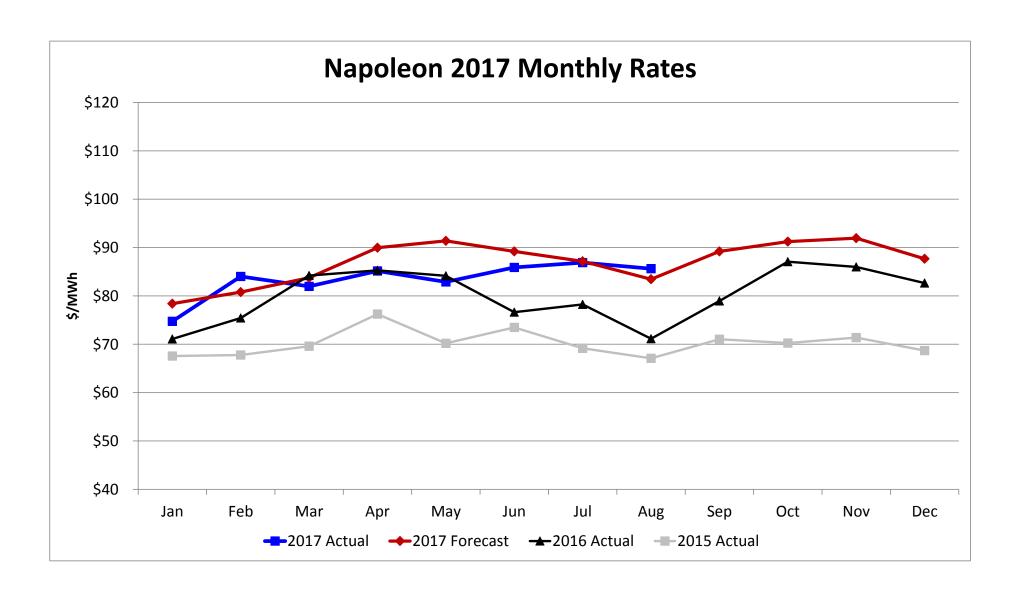
14,364,258

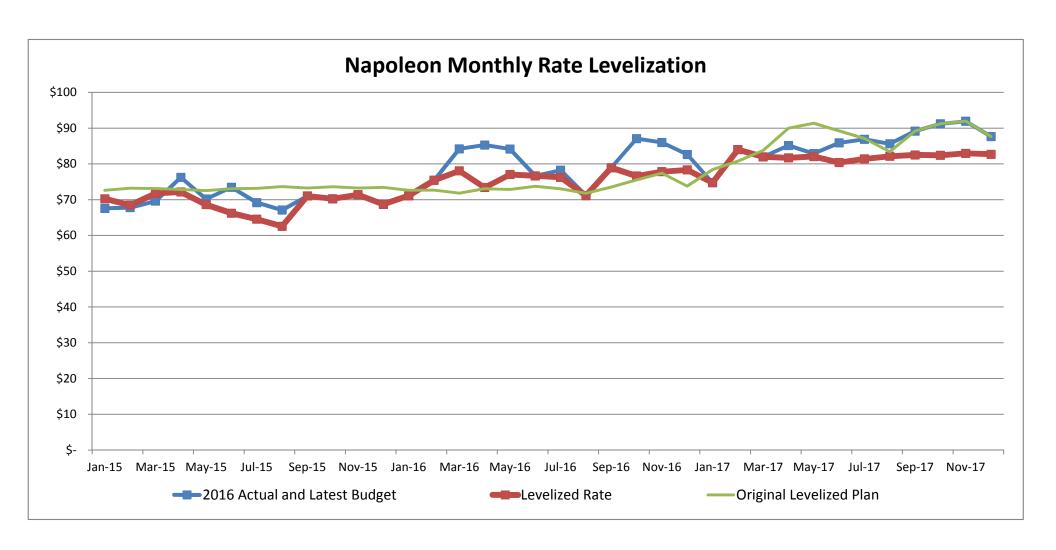
562,545

562,810 547,351 504,192 413,426 430,190

Total









Omega Joint Venture Two INVOICE NUMBER: 199463

1111 Schrock Rd, Suite 100 **INVOICE DATE**: 9/6/2017

COLUMBUS, OHIO 43229 **DUE DATE**: 9/18/2017

PHONE: (614) 540-1111 **TOTAL AMOUNT DUE:** \$712.37

FAX: (614) 540-1078 **CUSTOMER NUMBER:** 5020

CUSTOMER P.O. #:

City of Napoleon

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

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

OMEGA JV2 POWER INVOICE - August, 2017

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

ENERGY CHARGE: 0 kWh * \$0.00000 / kWh = \$0.00

SERVICE FEES: 0 kWh * \$0.00000 / kWh = \$0.00

Fuel Costs that were not recovered through Energy Sales to Market = \$44.45

TOTAL CHARGES \$712.37



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: 199543

INVOICE DATE: 9/1/2017

DUE DATE: 9/11/2017

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: August, 2017

DEMAND CHARGES:

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

Base Operating Expense Demand Charge: Seca Associated with JV5.	\$12.660000 \$0.000000	/ kW * / kW *	3,088 kW = 3,088 kW =	\$39,094.09 \$0.00
TOTAL DEMAND CHARGES:	\$12.660003	/ kW *	3,088 kW =	\$39,094.09
ENERGY CHARGES: JV5 Repl. Pwr. & Variable (Budgeted Rate): JV5 Fuel Cost (Actual Expense):	\$0.018423 \$0.000000	/ kWh * / kWh *	2,297,472 kWh = 2,297,472 kWh =	\$42,326.66 \$0.00
TOTAL ENERGY CHARGES:	\$0.018423	/ kWh *	2,297,472 kWh =	\$42,326.66

SUB-TOTAL \$81,420.75

Total OMEGA JV5 Invoice:



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: 199585

INVOICE DATE: 9/1/2017

DUE DATE: 9/11/2017

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: September, 2017

Financing CHARGES:

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



AMERICAN MUNICIPAL POWER, INC.

1111 Schrock Rd, Suite 100 COLUMBUS, OHIO 43229

PHONE: (614) 540-1111

FAX: (614) 540-1078

INVOICE NUMBER:

199603

INVOICE DATE:

9/1/2017

DUE DATE:

9/15/2017

TOTAL AMOUNT DUE: CUSTOMER NUMBER: \$1,545.40

5020

CUSTOMER P.O. #:

City of Napoleon

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

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

Omega JV6

Project Capacity:

300 kW

Year 2017

Electric Fixed

300 kW * 5.151 per kW-Month

Total

September, 2017 -

Electric Fixed

\$1,545,40

AMOUNT DUE FOR:

TOTAL CHARGES

\$1,545.40



AMERICAN MUNICIPAL POWER INC ATTN TREASURY DEPT 1111 SCHROCK RD COLUMBUS OH 43229 00- -M -P -PC -244-04 0053993-00-00546-04

3242 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 August 1, 2017 to August 31, 2017

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 -244-04 0053993-00-00546-04 00324204 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 August 1, 2017 to August 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.





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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 August 1, 2017 to August 31, 2017

MARKET	VALUE SUMMARY	
	Current Period 08/01/17 to 08/31/17	
Beginning Market Value	\$533,691.24	
Distributions	- 80,000.00	
Adjusted Market Value	\$453,691.24	
Investment Results		
Interest, Dividends and Other Income	446.26	
Total Investment Results	\$446.26	
Ending Market Value	\$454,137.50	



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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 August 1, 2017 to August 31, 2017

	ASSE	T DETAIL AS OF 08	3/31/17	
Shares or Face Amount	Security Description	Market Value/ Price	Tax Cost/ Unit Cost	% of Total Yield at Market Est Ann Inc
Cash Equi	ivalents			
454,137.500	First American Government Oblig Fd Cl X #5385 31846V336	454,137.50 1.0000	454,137.50 1.00	100.0 .91 **
Total Casi	n Equivalents	\$454,137.50	\$454,137.50	100.0 \$4,154.27
Cash				
	Principal Cash	- 4,137.42	- 4,137.42	- 0.9
	Income Cash	4,137.42	4,137.42	0.9
	Total Cash	\$0.00	\$0.00	0.0
Total Ass	sets	\$454,137.50	\$454,137.50	100.0 \$4,154.27

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 August 1, 2017 to August 31, 2017

CASH SUMMARY

	Income Cash	Principal Cash	Total Cash
Beginning Cash Balance as of 08/01/2017	\$3,691.16	- \$3,691.16	\$.00
Taxable Interest	446.26		446.26
Cash Disbursements		- 80,000.00	- 80,000.00
Net Money Market Activity		79,553.74	79,553.74
Ending Cash Balance as of 08/31/2017	\$4,137.42	- \$4,137.42	\$0.00



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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 August 1, 2017 to August 31, 2017

	TRANSAC	TION DETAIL		
Date Posted	Description	Income Cash	Principal Cash	Tax Cost
	Beginning Balance 08/01/2017	\$3,691.16	- \$3,691.16	\$533,691.24
08/01/17	Interest Earned On First Am Govt Ob Fd Cl X Interest From 7/1/17 To 7/31/17 31846V336	446.26		
08/02/17	Purchased 446.26 Units Of First Am Govt Ob Fd Cl X Trade Date 8/2/17 31846V336		- 446.26	446.26
08/24/17	Cash Disbursement Paid To American Municipal Power Wire Transfer Per Req #8 Dtd 8/23/2017 To Be Paid On 8/24 Wire To American Municipal Power Req Reimb Pymt For Var Exp Napoleon August 2017		- 80,000.00	
08/24/17	Sold 80,000 Units Of First Am Govt Ob Fd Cl X Trade Date 8/24/17 31846V336		80,000.00	- 80,000.00
	Ending Balance 08/31/2017	\$4,137.42	- \$4,137.42	\$454,137.50



RATE REVIEW COMPARISONS - Current to Prior Month and Prior Year

2017 OCTOBER - ELECTRIC P	SCAF - I	BILLING	COMPARISI	ONS TO PRIC	R PERIODS -	As (Correc	ted for P	SCAF		
Rate Comparisons to Prior Month a	nd Prior Ye	ear for San	ne Period								
			Current	Prior Month	Prior Year				Current	Prior Month	Prior Year
	Service	Service	October	September	October	S	ervice	Service	October	September	October
Customer Type	Usage	<u>Units</u>	2017 Rate	2017 Rate	2016 Rate	U	<u>Isage</u>	<u>Units</u>	2017 Rate	2017 Rate	2016 Rate
					<u> </u>						
Customer Type ->		RESIDI	ENTIAL USE	R - (w/Gas He	eat)			RESID	ENTIAL USE	R - (All Electi	ric)
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	1,976	kWh	\$143.85	\$143.85	\$143.85
Power Supply Demand Charge				•			,		·	·	
PSCAF - Monthly Factor	978	kWh	\$10.29	\$10.19	\$1.90	1	1,976	kWh	\$20.79	\$20.59	\$3.83
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			Ţ J	Ţ 1.00	Ţ 1.00		,		+	750	+ 217 0
kWH Tax- Level 3											
		_						-			
Total Electric			\$112.97	\$112.87	\$104.58				\$213.22	\$213.02	\$196.26
Total Electric			Ψ112.01	ψ112.01	Ψ10-1.00				ΨΕ 10.22	Ψ2.10.02	ψ100.20
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			\$257.59	\$246.37	\$226.23				\$414.86	\$396.97	\$363.61
Verification Totals->			\$257.59	\$246.37	\$226.23				\$414.86	\$396.97	\$363.61
				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				\$11.22	\$31.36					\$17.89	\$51.25
% Inc/Dec(-) to Prior Periods				4.55%	13.86%					4.51%	14.09%
=========	=====	=====	======	=======	=======	= = :	====	=====	======	=======	=======
Cost/kWH - Electric	978	kWh	\$0.11551	\$0.11541	\$0.10693	-	1,976	kWh	\$0.10790	\$0.10780	\$0.09932
% Inc/Dec(-) to Prior Periods	010	17.1111	ψυ.11001	0.09%	8.02%		.,	14411	ψο.10730	0.09%	8.64%
76 IIIG/Dee() to 1 IIGI 1 cheas				0.0070	0.02 /0					0.0070	0.0470
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	٤	3,229	GAL	\$0.00914	\$0.00807	\$0.00766
% Inc/Dec(-) to Prior Periods	., 100	J.,	40.01000	11.75%	16.83%		,	J 1.	\$5.00011	13.38%	19.31%
70 1110/ D 00() to 1 110/ 1 011000				11.7070	10.0070					10.0070	10.0170
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		\$0.01216	8	3,229	GAL	\$0.01202	\$0.01095	\$0.00933
% Inc/Dec(-) to Prior Periods	,			9.69%	29.88%		, -			9.78%	28.80%
, 1				3.3370	20.0070					3.7 3 70	23.3370
(Listed Accounts Assume SAME USA)	GE for kWH	l and Wate	r (CCF) for All	Billing Periods)							
(One "1" Unit CCF of Water = "Hundre				<u> </u>							
TOTAL TRANSPORT		, , , C									

RATE REVIEW COMPARISONS - Current to Prior Month and Prior Year

2017 OCTOBER - ELECTRIC P										
Rate Comparisons to Prior Month a										
hate Compansons to Phor Month at			Current	Prior Month	Dries Vees			Current	Prior Month	Drior Voor
	Comileo	Comdoo	Current		Prior Year	Comico	Comileo	Current		Prior Year
0.1	Service	Service	October	September	October	Service	Service	October	September	October
Customer Type	<u>Usage</u>	<u>Units</u>	2017 Rate	2017 Rate	2016 Rate	<u>Usage</u>	<u>Units</u>	2017 Rate	2017 Rate	2016 Rate
				(0. D) (D			IDLIGEDI	A	0.01 (0.00)	
<u>Customer Type -></u>	<u>CC</u>	DIVINERC		<u>′3 Phase w/De</u>		<u>//\</u>	<u>IDUSTRIA</u>		<u> 3 Phase w/Dei</u>	
Customer Charge			\$18.00	\$18.00	\$18.00			\$100.00	\$100.00	\$100.00
Distribution Energy Charge	7,040		\$38.02	\$38.02	\$38.02	98,748	Reactive	\$2,303.85	\$2,303.85	\$2,303.85
Distribution Demand Charge		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	\$74.06	\$73.36	\$13.66			\$8,655.89	\$8,573.61	\$1,596.24
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			\$876.44	\$875.74	\$816.04			\$76,890.62	\$76,808.34	\$69,830.97
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			\$1,223.00	\$1,186.55	\$1,095.55			\$80,681.12	\$80,442.64	\$72,946.42
Verification Totals->			\$1,223.00	\$1,186.55	\$1,095.55			\$80,681.12	\$80,442.64	\$72,946.42
				Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr				Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr
Dollar Chg.to Prior Periods				\$36.45	\$127.45				\$238.48	\$7,734.70
% Inc/Dec(-) to Prior Periods				3.07%	11.63%				0.30%	10.60%
, ,										
=========		=====				=====				
Cost/kWH - Electric	7,040	kWh	\$0.12449	\$0.12439	\$0.11591	866,108	kWh	\$0.08878	\$0.08868	\$0.08063
% Inc/Dec(-) to Prior Periods				0.08%	7.40%				0.11%	10.11%
· · ·										
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%	1 '-			0.00%	22.27%
5,=55() 15 : 1.6. : 5555					25576				3.3370	
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		J., .=	ψ3.00000	9.80%	28.61%		J 1. 	ψ3.007.00	10.00%	26.38%
,5555() to 1 1101 1 clieds				5.55 /6	20.0170				10.0076	20.0076
(Listed Accounts Assume SAME USA)										
(One "1" Unit CCF of Water = "Hundre						1				
Tone I only our vivaler = Trundle										

BILLING SUMMARY AN	D CO	NSUM	PTION for	r BILLING	CYCLE	- OCTO	BER, 20	<u>17</u>							
OCTOBER,2017															
2017 - OCTOBER BILLING WITH SEPTE	EMBER 2	017 DATA Sep-17	BILLING UNITS	1			Cost / kWH	Oct-16				Nov-16			
Class and/or	Rate	# of	Sep-17	Sep-17	Billed kVa	Cost / kWH		# of	Oct-16	Oct-16	Cost / kWH	# of	Nov-16	Nov-16	Cost / kWH
Schedule	Code		(kWh Usage)	Billed	of Demand	For Month	Average	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month
Residential (Dom-In)	E1	3,342	2,976,085	\$345,350.78	0	\$0.1160		3,324	3,116,816	\$358,640.04	\$0.1151	3,318	2,147,731	\$242,932.58	\$0.1131
Residential (Dom-In) w/Ecosmart	E1E	9	6,913	\$809.37	0	\$0.1171	\$0.1193	9	6,928	\$806.87	\$0.1165	9	4,777	\$550.03	\$0.1151
Residential (Dom-In - All Electric)	E2	608	462,086	\$54,138.22	0	\$0.1172		608	469,940	\$54,713.23	\$0.1164	610	350,406	\$40,046.25	\$0.1143
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	913	\$105.77	0	\$0.1158	\$0.1186	1	844	\$97.71	\$0.1158	1	609	\$69.24	\$0.1137
Total Residential (Domestic)		3,960	3,445,997	\$400,404.14	0	\$0.1162	\$0.1169	3,942	3,594,528	\$414,257.85	\$0.1152	3,938	2,503,523	\$283,598.10	\$0.1133
Residential (Rural-Out)	ER1	776	867,199	\$106,585.60	0	\$0.1229	\$0.1228	759	884,230	\$107,817.96	\$0.1219	761	655,236	\$78,722.02	\$0.1201
Residential (Rural-Out) w/Ecosmart	ER1E	4	3,102	\$393.53	0	\$0.1229		739		\$401.26	\$0.1219	4	2,236	\$282.84	\$0.1201
Residential (Rural-Out - All Electric)	ER2	376	455,552	\$55,674.82	0	\$0.1222		382		\$56,756.10	\$0.1200	381	359,421	\$42,825.95	\$0.1203
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2	2,185	\$269.03	0	\$0.1231	\$0.1225	2		\$215.45	\$0.1250	2	1,322	\$163.49	\$0.1237
Residential (Rural-Out w/Dmd)	ER3	16	17,174	\$2,115.60	207	\$0.1232		16		\$2,341.81	\$0.1216	16	17,439	\$2,051.35	\$0.1176
Residential (Rural-Out - All Electric w/Dm	ER4	9	8,328	\$1,038.77	63	\$0.1247		9		\$1,175.26	\$0.1227	9	8,288	\$989.52	\$0.1194
·															
Total Residential (Rural)		1,183	1,353,540	\$166,077.35	270	\$0.1227	\$0.1221	1,172	1,384,991	\$168,707.84	\$0.1218	1,173	1,043,942	\$125,035.17	\$0.1198
Commercial (1 Ph-In - No Dmd)	EC2	76	40,897	\$6,098.23	13	\$0.1491	\$0.1381	74		\$7,461.56	\$0.1434	74	46,563	\$6,545.95	\$0.1406
Commercial (1 Ph-Out - No Dmd)	EC2O	48	7,971	\$1,589.79	0	\$0.1994	\$0.1898	45	8,002	\$1,552.94	\$0.1941	45	7,372	\$1,437.56	\$0.1950
Tatal Communication (C. D.) N. D. J.		404	40.005	A= 000	40	60 15	60.145		00.00-	#C 04 4 ==	00 1505		=	φ= ccc = :	00 140-
Total Commercial (1 Ph) No Dmd		124	48,868	\$7,688.02	13	\$0.1573	\$0.1454	119	60,029	\$9,014.50	\$0.1502	119	53,935	\$7,983.51	\$0.1480
Occurrencial (4 District of Description	F04	050	444 700	AFO 407 70	0047	no 4440	#0.440 5	050	400 500	#00.000.00	#0.4004	050	005.004	#47.047.00	#0.4400
Commercial (1 Ph-In - w/Demand) Commercial (1 Ph-Out - w/Demand)	EC10	259 25	411,769 47,917	\$58,197.76 \$6,566.44	2247 180	\$0.1413 \$0.1370		258 25		\$62,668.02 \$5,266.86	\$0.1361 \$0.1359	258 25	335,821 30,652	\$47,217.20 \$4,264.42	\$0.1406 \$0.1391
Commercial (1 Fir-Out - w/Demand)	LUIU	20	47,517	φ0,500.44	100	φ0.1370	φυ.1413	20	30,742	φ5,200.00	φ0.1339	20	30,032	Ψ4,204.42	φυ.1391
Total Commercial (1 Ph) w/Demand		284	459,686	\$64,764.20	2,427	\$0.1409	\$0.1433	283	499,244	\$67,934.88	\$0.1361	283	366,473	\$51.481.62	\$0.1405
(****)			,	***,********		*******			100,211	401,000.000				40.,	
Commercial (3 Ph-Out - No Dmd)	EC4O	2	40	\$41.09	7	\$1.0273	\$0.1391	2	40	\$41.06	\$1.0265	2	40	\$40.87	\$1.0218
(***************************************	40.700				Ţ				, , , , , ,
Total Commercial (3 Ph) No Dmd		2	40	\$41.09	7	\$1.0273	\$0.1391	2	40	\$41.06	\$1.0265	2	40	\$40.87	\$1.0218
Commercial (3 Ph-In - w/Demand)	EC3	205	1,638,514	\$206,906.78	5679	\$0.1263	\$0.1257	202	1,914,635	\$238,552.14	\$0.1246	203	1,651,057	\$199,730.82	\$0.1210
Commercial (3 Ph-Out - w/Demand)	EC3O	38	276,505	\$35,724.78	1241	\$0.1292	\$0.1248	38	415,582	\$51,509.04	\$0.1239	38	412,387	\$49,235.84	\$0.1194
Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	3	116,040	\$13,907.06	477	\$0.1198		3		\$16,789.77	\$0.1175	3	133,720	\$15,002.98	\$0.1122
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	4,520	\$592.45	23	\$0.1311	\$0.1288	1	6,240	\$771.43	\$0.1236	1	5,680	\$686.81	\$0.1209
T-4-1 Oi-1 (O Dh)(D		047	0.005.570	0057.404.07	7 400	00.4000	00 4050	244	0.470.007	4007.000.00	00 1011	045	0.000.044	0004 CEC 4E	00 1001
Total Commercial (3 Ph) w/Demand		247	2,035,579	\$257,131.07	7,420	\$0.1263	\$0.1250	244	2,479,297	\$307,622.38	\$0.1241	245	2,202,844	\$264,656.45	\$0.1201
Large Power (In - w/Dmd & Rct)	EL1	20	2,427,551	\$243,182.88	5194	\$0.1002	\$0.1021	21	2,685,366	\$284,900.17	\$0.1061	20	2,303,124	\$218,711.68	\$0.0950
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,162,104	\$109,126.69	2200	\$0.0939		3		\$96,026.30	\$0.0954	3	966,087	\$86,575.44	\$0.0896
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	1	484,800	\$47,774.37	1012	\$0.0985		1		\$45,851.97	\$0.0967	1	475,200	\$44,870.95	\$0.0944
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	79,957	\$19,155.55	806	\$0.2396		2		\$13,439.88	\$0.1776	2		\$8,059.22	\$0.1783
,						,									
Total Large Power		26	4,154,412	\$419,239.49	9,212	\$0.1009	\$0.1006	27	4,241,282	\$440,218.32	\$0.1038	26	3,789,606	\$358,217.29	\$0.0945
Industrial (In - w/Dmd & Rct, w/SbCr)	El1	1	1,175,166	\$100,988.96	1910	\$0.0859		1	1,140,292	\$99,897.30	\$0.0876	1	1,120,127	\$93,821.52	\$0.0838
Industrial (In - w/Dmd & Rct, No/SbCr)	El2	1	736,807	\$68,131.06	1500	\$0.0925	\$0.0882	1	7 7	\$87,514.48	\$0.0871	1	866,459	\$74,763.55	\$0.0863
Total Industrial		2	1,911,973	\$169,120.02	3,410	\$0.0885	\$0.0883	2	2,144,675	\$187,411.78	\$0.0874	2	1,986,586	\$168,585.07	\$0.0849
Interdeportmental (Ir. No. Dec.)	ED1		E0 540	DO 447 10	105	@0.1100	eo 1177	_	40.000	фг 455 <u>0</u> 7	#0.4000		00.500	#0.000 TT	#0.4000
Interdepartmental (In - No Dmd)	ED1 ED2O	8	53,518 557	\$6,417.40 \$94.92	185	\$0.1199 \$0.1704		2		\$5,155.27 \$123.43	\$0.1220 \$0.1572	8 2		\$3,903.77 \$72.33	\$0.1200 \$0.1827
Interdepartmental (Out - w/Dmd) Interdepartmental (In - w/Dmd)	ED20	26	24,282	\$3,399.52	0	\$0.1704		27		\$3,515.77	\$0.1572	27	21,392	\$2,928.44	\$0.1827
Interdepartmental (In - w/Dmd) Interdepartmental (3Ph-In - w/Dmd)	ED3	11	195,896	\$22,942.74	643	\$0.1400	\$0.1341	11		\$25,016.23	\$0.1394	11	207,490	\$23,420.90	\$0.1369
Interdepartmental (Street Lights)	EDSL	7	62,879	\$5,851.14	043	\$0.0931	\$0.0926	7		\$5,851.14	\$0.0931	7		\$5,849.08	\$0.0930
Interdepartmental (Greet Lights)	EDTS	9	1,715	\$158.59	0	\$0.0925		9		\$164.85	\$0.0931	9	- /	\$158.67	\$0.0935
Generators (JV2 Power Cost Only)	GJV2	1	18,180	\$417.41	44	\$0.0230		1	16,181	\$1,059.37	\$0.0655	1	17,504	\$1,768.25	\$0.1010
Generators (JV5 Power Cost Only)	GJV5	1	12,704	\$291.68	19	\$0.0230		1	12,410	\$812.48		1	12,279	\$1,240.42	\$0.1010
	-														
Total Interdepartmental		65	369,731	\$39,573.40	891	\$0.1070	\$0.1084	66	376,439	\$41,698.54	\$0.1108	66	356,179	\$39,341.86	\$0.1105
OUR TOTAL CONSUMERS	_		40 955 555	A4 BA 2 CCC			4		44 =		A		40.000		
SUB-TOTAL CONSUMPTION & DEMANI	ס	5,893	13,779,826	\$1,524,038.78	,	\$0.1106	\$0.1100			\$1,636,907.15	\$0.1107	5,854		\$1,298,939.94	\$0.1056
		=	========												
Street Lights (In)	SLO	13	0	\$13.28	^	\$0.0000	\$0.0000	16	0	\$13.74	\$0.0000	16	0	\$13.73	\$0.0000
Street Lights (In) Street Lights (Out)	SLOO	13	0	\$13.28	0	\$0.0000		10	0	\$13.74	\$0.0000	10	0	\$13.73 \$1.92	\$0.0000
Otrock Lights (Out)	3100			\$1.92	0	ψυ.υυυυ	φυ.υυυυ			φυ.//	φυ.υυυυ		0	\$1.92	ψυ.υυυυ
Total Street Light Only		15	0	\$15.20	0	\$0.0000	\$0.0000	18		\$14.51	\$0.0000	18	0	\$15.65	\$0.0000
5,						,	,				,				,
TOTAL CONSUMPTION & DEMAND		5,908	13,779,826	\$1,524,053.98	23,650	\$0.1106	\$0.1100		14,780,525	\$1,636,921.66	\$0.1107	5,872	12,303,128	\$1,298,955.59	\$0.1056
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BILLING SUMMARY AN	ID CO	l															
OCTOBER,2017																	
2017 - OCTOBER BILLING WITH SEPT	EMBER 2	Dec-16				Jan-17				Feb-17				Mar-17			
Class and/or	Rate	# of	Dec-16	Dec-16	Cost / kWH	# of	Jan-17	Jan-17	Cost / kWH	# of	Feb-17	Feb-17	Cost / kWH	# of	Mar-17	Mar-17	Cost / kWH
Schedule Schedule	Code	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month
Residential (Dom-In)	E1	3,336	1,581,730	\$183,002.56	\$0.1157	3,320	2,047,456	\$235,139.57	\$0.1148	3,324	2,525,869	\$303,196.39	\$0.1200	3,332	2,252,555	\$276,197.70	\$0.1226
Residential (Dom-In) w/Ecosmart	E1E	9	3,850	\$450.79	\$0.1171	9	4,222	\$497.76	\$0.1179	9	4,875	\$600.71	\$0.1232	9	4,307	\$543.89	\$0.1263
Residential (Dom-In - All Electric)	E2	609	334,728	\$38,111.29	\$0.1139	616	565,766	\$63,157.92	\$0.1116	605	798,681	\$93,166.10	\$0.1166	605	698,429	\$83,055.76	\$0.1189
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	463	\$53.72	\$0.1160	1	476	\$56.03	\$0.1177	1	574	\$70.37	\$0.1226	1	515	\$64.57	\$0.1254
Total Residential (Domestic)		3,955	1,920,771	\$221,618.36	\$0.1154	3,946	2,617,920	\$298,851.28	\$0.1142	3,939	3,329,999	\$397,033.57	\$0.1192	3,947	2,955,806	\$359,861.92	\$0.1217
Desidential (Burst Out)	ER1	750	600 000	\$73,171.67	\$0.1202	750	700 151	\$93,567.10	\$0.1195	700	942,656	\$117,717.54	\$0.1249	700	843,115	\$107.464.06	\$0.1275
Residential (Rural-Out) Residential (Rural-Out) w/Ecosmart	ER1E	758 4	608,892 2,668	\$327.66	\$0.1202	759	783,151 3,302	\$402.77	\$0.1195	762 4	3,854	\$490.49	\$0.1249	763	2,660	\$107,464.06 \$355.22	\$0.1275
Residential (Rural-Out - All Electric)	ER2	382	362,974	\$42,933.79	\$0.1220	382		\$58,868.46	\$0.1220	380		\$75,327.02	\$0.1230	379	540,436	\$67,765.59	\$0.1353
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2		\$190.47	\$0.1204	2		\$291.48	\$0.1179	2		\$378.97	\$0.1234	2	2,758	\$346.68	\$0.1257
Residential (Rural-Out w/Dmd)	ER3	16	46,766	\$5,185.34	\$0.1109	16		\$15,567.40	\$0.1103	16		\$4,856.65	\$0.1206	16	27,444	\$3,406.48	\$0.1241
Residential (Rural-Out - All Electric w/Dm	ER4	9	18,500	\$2,079.32	\$0.1124	9	21,837	\$2,483.22	\$0.1137	9	12,658	\$1,568.71	\$0.1239	9	10,770	\$1,365.56	\$0.1268
Total Residential (Rural)		1,171	1,041,382	\$123,888.25	\$0.1190	1,172	1,453,285	\$171,180.43	\$0.1178	1,173	1,615,022	\$200,339.38	\$0.1240	1,173	1,427,183	\$180,703.59	\$0.1266
Commercial (1 Ph-In - No Dmd)	EC2	75	50,946	\$7,049.12	\$0.1384	74		\$7,157.52	\$0.0957	74		\$7,800.15	\$0.1466	74	53,347	\$7,901.22	\$0.1481
Commercial (1 Ph-Out - No Dmd)	EC2O	45	8,932	\$1,620.43	\$0.1814	45		\$1,882.58	\$0.1725	45		\$1,978.58	\$0.1788	45	9,606	\$1,804.54	\$0.1879
Tatal Communicat (4 Db) No Dood		400	50.070	00 CC0 FF	00 1110	440	05.740	00.040.40	00 1051	440	C4 000	00 770 70	00 4504			00 705 70	00.4540
Total Commercial (1 Ph) No Dmd		120	59,878	\$8,669.55	\$0.1448	119	85,746	\$9,040.10	\$0.1054	119	64,288	\$9,778.73	\$0.1521	119	62,953	\$9,705.76	\$0.1542
Commercial (1 Dh. In., w/Domand)	EC1	259	284,650	\$41,080.72	\$0.1443	255	273,985	\$39,684.83	\$0.1448	255	325,967	Ø47.040.00	\$0.1451	256	321,809	\$47,358.58	\$0.1472
Commercial (1 Ph-In - w/Demand) Commercial (1 Ph-Out - w/Demand)	EC10	259	27,577	\$3,864.86	\$0.1443	255		\$39,684.83	\$0.1448 \$0.1446	255	325,967	\$47,313.63 \$4,888.09	\$0.1451	256	321,809	\$47,358.58 \$4,737.46	\$0.1472
Commercial (1 Fil-Out - W/Demaild)	ECIO	20	21,511	φ3,004.00	φ0.1401	20	20,004	φ4,173.09	φυ.1440	20	33,733	φ4,000.03	φυ. 1446	20	32,331	φ4,737.40	φυ.1430
Total Commercial (1 Ph) w/Demand		284	312,227	\$44,945.58	\$0.1440	280	302,849	\$43,858.52	\$0.1448	280	359,720	\$52,201.72	\$0.1451	282	354,340	\$52,096.04	\$0.1470
			012,221	* * * *, * * * * * * * * * * * * * * *	***************************************		552,616	, 10,00010	***************************************			**-,			55.,515	***************************************	*******
Commercial (3 Ph-Out - No Dmd)	EC4O	2	40	\$40.84	\$1.0210	2	19,360	\$2,408.74	\$0.1244	2	10,480	\$1,394.50	\$0.1331	2	320	\$78.10	\$0.2441
Total Commercial (3 Ph) No Dmd		2	40	\$40.84	\$1.0210	2	19,360	\$2,408.74	\$0.1244	2	10,480	\$1,394.50	\$0.1331	2	320	\$78.10	\$0.2441
Commercial (3 Ph-In - w/Demand)	EC3	201	1,384,783	\$169,316.91	\$0.1223	201	1,262,393	\$157,429.94	\$0.1247	200		\$169,704.62	\$0.1301	203	1,403,998	\$182,636.69	\$0.1301
Commercial (3 Ph-Out - w/Demand)	EC3O	38	557,691	\$64,658.85	\$0.1159	38		\$50,699.62	\$0.1222	38		\$44,259.83	\$0.1276	38	343,866	\$44,728.25	\$0.1301
Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	3	139,320	\$15,472.45	\$0.1111	3	127,120	\$14,446.02	\$0.1136	3		\$15,765.96	\$0.1221	3	122,800	\$15,112.45	\$0.1231
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	3,320	\$439.88	\$0.1325	1	1,840	\$263.92	\$0.1434	1	2,000	\$262.01	\$0.1310	1	2,120	\$279.19	\$0.1317
T-4-1 O		040	0.005.444	0040 000 00	00 1100	040	4 000 400	#000 000 FO	00 1001	040	4 700 000	0000 000 40	00 4000	045	4 070 704	0040 750 50	60.4000
Total Commercial (3 Ph) w/Demand		243	2,085,114	\$249,888.09	\$0.1198	243	1,806,169	\$222,839.50	\$0.1234	242	1,782,686	\$229,992.42	\$0.1290	245	1,872,784	\$242,756.58	\$0.1296
Large Power (In - w/Dmd & Rct)	EL1	20	2,210,942	\$210,920.21	\$0.0954	20	1,903,088	\$193,464.07	\$0.1017	20	1,899,404	\$201,301.03	\$0.1060	20	2,001,747	\$209,227.25	\$0.1045
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	887,321	\$79,476.15	\$0.0334	3	862,559	\$82,241.06	\$0.0953	3		\$87,292.90	\$0.1000	3	944,738	\$93,494.69	\$0.0990
Large Power (Out - w/Dmd & Rct, w/SbC)		1	474,000	\$42,120.83	\$0.0889	1	428,400	\$41,057.53	\$0.0958	1		\$37,097.96	\$0.1108	1	418,800	\$42,960.40	\$0.1026
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	36,000	\$3,604.02	\$0.1001	2		\$5,119.35	\$0.0889	2		\$8,110.51	\$0.1444	2	88,446	\$9,975.60	\$0.1128
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Total Large Power		26	3,608,263	\$336,121.21	\$0.0932	26	3,251,647	\$321,882.01	\$0.0990	26	3,155,457	\$333,802.40	\$0.1058	26	3,453,731	\$355,657.94	\$0.1030
Industrial (In - w/Dmd & Rct, w/SbCr)	El1	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	1	1,057,395	\$101,258.49	\$0.0958
Industrial (In - w/Dmd & Rct, No/SbCr)	El2	1	877,066	\$77,044.35	\$0.0878	1	941,807	\$77,491.53	\$0.0823	1	890,615	\$83,601.93	\$0.0939	1	885,784	\$82,030.37	\$0.0926
Total Industrial		2	1,903,215	\$162,830.13	\$0.0856	2	1,919,135	\$164,575.76	\$0.0858	2	1,737,747	\$168,164.76	\$0.0968	2	1,943,179	\$183,288.86	\$0.0943
	ED.		04.000	40.700.04	*** 1105		40.007	45.040.57	***	_	04.000	47.000.00	00.4455	_	50.000	40.005.70	*** 4400
Interdepartmental (In - No Dmd)	ED1 ED2O	8	34,023 294	\$3,760.94 \$59.69	\$0.1105 \$0.2030	2	46,967 234	\$5,248.57 \$52.92	\$0.1118 \$0.2262	7 2		\$7,090.99 \$47.81	\$0.1155 \$0.2627	7	53,690 181	\$6,335.78 \$47.96	\$0.1180 \$0.2650
Interdepartmental (Out - w/Dmd) Interdepartmental (In - w/Dmd)	ED20	27	36,353	\$4,716.41	\$0.2030 \$0.1297	29		\$8,584.69	\$0.2262	28		\$9,923.10	\$0.2627	26	63,564	\$8,662.49	\$0.2650
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	182,999	\$20,119.76	\$0.1297	11		\$27,245.48	\$0.1279	11		\$35,486.14	\$0.1343	11	268,425	\$32,187.48	\$0.1363
Interdepartmental (Street Lights)	EDSL	7	62,879	\$5,851.14	\$0.0931	7	62,879	\$5,531.33	\$0.0880	7		\$5,851.54	\$0.0931	7	62,879	\$5,844.53	\$0.0929
Interdepartmental (Traffic Signals)	EDTS	9	1,881	\$173.91	\$0.0925	9		\$161.06	\$0.0925	9		\$171.22	\$0.0925	9	1,807	\$167.06	\$0.0925
Generators (JV2 Power Cost Only)	GJV2	1	19,755	\$1,142.63	\$0.0578	1	25,311	\$1,681.66	\$0.0664	1	28,385	\$1,914.57		1	27,990	\$2,925.23	\$0.1045
Generators (JV5 Power Cost Only)	GJV5	1	13,591	\$786.10	\$0.0578	1	15,791	\$1,049.15		1	16,122	\$1,087.43		1	15,457	\$1,615.41	\$0.1045
Total Interdepartmental		66	351,775	\$36,610.58	\$0.1041	68	464,479	\$49,554.86	\$0.1067	66	543,620	\$61,572.80	\$0.1133	64	493,993	\$57,785.94	\$0.1170
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SUB-TOTAL CONSUMPTION & DEMAN	ID	5,869		\$1,184,612.59	\$0.1050	5,858		\$1,284,191.20	\$0.1077	5,849		\$1,454,280.28	\$0.1154	5,860	12,564,289	\$1,441,934.73	\$0.1148
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Ohrend Limber (In)	01.0		_	***	#0.005		_	#40 ==	# 0.005-		_	#10 ==	00.005		_	***	#C 222
Street Lights (In)	SLO	16	0	\$13.74	\$0.0000	15		\$13.59	\$0.0000	15		\$13.58	\$0.0000	14	0	\$13.44	\$0.0000
Street Lights (Out)	SLOO	2	0	\$0.77	\$0.0000	2	0	\$0.76	\$0.0000	2	0	\$1.91	\$0.0000	2	0	\$1.92	\$0.0000
Total Street Light Only		18	0	\$14.51	\$0.0000	17	0	\$14.35	\$0.0000	17	0	\$15.49	\$0.0000	16	n	\$15.36	\$0.0000
				φ14.51	Ţ0.0000			φ14.55	- 0.0000			ψ13. 13	Ç0.0000			ψ13.30	\$3.000
TOTAL CONSUMPTION & DEMAND		5,887	11,282,665	\$1,184,627.10	\$0.1050	5,875		\$1,284,205.55	\$0.1077	5,866		\$1,454,295.77	\$0.1154	5,876	12,564,289	\$1,441,950.09	\$0.1148
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BILLING SUMMARY AN	D CO																		
OCTOBER,2017 2017 - OCTOBER BILLING WITH SEPT	EMBED O																		
2017 - OCTOBER BILLING WITH SEPT	EMBER 20	Apr-17				May-17				Jun-17				Jul-17				Aug-17	
Class and/or	Rate	# of	Apr-17	Apr-17	Cost / kWH	# of	May-17	May-17	Cost / kWH	# of	Jun-17	Jun-17	Cost / kWH	# of	Jul-17	Jul-17	Cost / kWH	# of	Aug-17
Schedule	Code	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)
Residential (Dom-In)	E1	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	\$238,020.38	\$0.1202	3,345	2,690,705
Residential (Dom-In) w/Ecosmart	E1E	9	3,670	\$436.45	\$0.1189	9	3,944	\$470.40	\$0.1193	9	3,267	\$407.28	\$0.1247	9	4,572	\$557.24	\$0.1219	9	6,295
Residential (Dom-In - All Electric)	E2	608	521,473	\$57,972.50	\$0.1112	603	527,673	\$59,328.08	\$0.1124	603		\$40,611.96		603	359,740	\$43,212.04	\$0.1201	600	
Res.(Dom-In - All Elec.) w/Ecosmart	E2E		408	\$48.52	\$0.1189		403	\$48.54	\$0.1204	<u> </u>	474	\$57.25	\$0.1208	<u> </u>	527	\$64.01	\$0.1215	· · · · · ·	624
Total Residential (Domestic)		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	\$281,853.67	\$0.1202	3,955	
Total House (Company)		-,	2,012,000		***************************************	-,,,,,,,	_,;;_,;;		701110	-,	1,012,010			-,	_,,,	7=01,000101	70	-,,,,,,	0,121,101
Residential (Rural-Out)	ER1	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	\$86,077.05	\$0.1261	776	809,279
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,449	\$306.73	\$0.1252	4	2,393	\$303.91	\$0.1270	4	2,168	\$284.64	\$0.1313	4	2,644	\$343.42	\$0.1299	4	2,850
Residential (Rural-Out - All Electric)	ER2	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		\$46,197.65	\$0.1250	377	
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E ER3	16	2,181 27,151	\$257.53 \$3,112.43	\$0.1181 \$0.1146	16	2,208 17,568	\$263.50 \$2,095.89	\$0.1193 \$0.1193	16		\$200.43 \$2,476.25	\$0.1253 \$0.1205	2 16	1,738 18,799	\$219.44 \$2,316.15	\$0.1263 \$0.1232	16	2,035 15,934
Residential (Rural-Out w/Dmd) Residential (Rural-Out - All Electric w/Dm		10	8,891	\$1,058.33	\$0.1146	10	7,954	\$967.16	\$0.1193	10	7,079	\$888.79		10	6,901	\$881.97	\$0.1232	10	7,593
riesidentiai (ridiai-Odi - Ali Liectiic W/Dii	LITT		0,031	Ψ1,000.00	ψ0.1130		7,354	φ307.10	ψ0.1210		7,073	φοσσ.73	ψ0.1230		0,301	ΨΟΟ1.97	Ψ0.1270		7,000
Total Residential (Rural)		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	\$136,035.68	\$0.1257	1,184	1,263,512
		-				-												-	
Commercial (1 Ph-In - No Dmd)	EC2	75	44,744	\$6,356.34	\$0.1421	75	49,612	\$7,017.27	\$0.1414	75		\$6,362.85	\$0.1466	76		\$7,466.00	\$0.1455	76	
Commercial (1 Ph-Out - No Dmd)	EC2O	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	\$1,510.65	\$0.1992	48	8,154
T-t-1 O				φ= 000 =-	00 110			00 540	60 110		***************************************	A= =00	60.15			#C 070	60 450		
Total Commercial (1 Ph) No Dmd		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	\$8,976.65	\$0.1524	124	67,050
Commercial (1 Ph-In - w/Demand)	EC1	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	\$43,735.16	\$0.1497	258	347,281
Commercial (1 Ph-Out - w/Demand)	EC10	26	29,327	\$4,037.97	\$0.1432	26	32.998	\$4,512.13	\$0.1412	26		\$3,967.06	\$0.1493	26	27,624	\$4,113.22	\$0.1497	236	
Commercial (1111 Cut W/Belliana)	2010		20,027	Ψ+,007.07	ψ0.1077			φτ,στ2.τσ	ψ0.1007		27,170	ΨΟ,307.00	ψ0.1400		27,024	Ψ+,110.22	ψ0.1400		
Total Commercial (1 Ph) w/Demand		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	\$47,848.38	\$0.1496	282	378,040
Commercial (3 Ph-Out - No Dmd)	EC4O	2	160	\$55.52	\$0.3470	2	200	\$60.68	\$0.3034	2	40	\$41.04	\$1.0260	2	40	\$41.12	\$1.0280	2	40
Total Commercial (3 Ph) No Dmd		2	160	\$55.52	\$0.3470	2	200	\$60.68	\$0.3034	2	40	\$41.04	\$1.0260	2	40	\$41.12	\$1.0280	2	40
	F00		4 000 707	*457.070.00	*** 1001		4 000 040	* 450 454 00	\$0.4050		4 074 507	* 101 050 05	\$0.1070		4 050 740	4474.004.05	*** 1000		4.550.000
Commercial (3 Ph-In - w/Demand) Commercial (3 Ph-Out - w/Demand)	EC3O	202	1,289,727 302,041	\$157,879.99 \$37,066.58	\$0.1224 \$0.1227	202 38	1,223,048 289,144	\$153,154.36 \$36,150.35	\$0.1252 \$0.1250	202 38		\$161,852.65 \$33,508.33	\$0.1273 \$0.1299	202 38	1,350,746 260,438	\$174,664.25 \$34,815.03	\$0.1293 \$0.1337	200 38	
Commercial (3 Ph-Out - w/Demand) Commercial (3 Ph-Out - w/Dmd.&Sub-St.	E3SO	30	115,480	\$13,160.31	\$0.1227	30	116,920	\$13,644.18	\$0.1250	30		\$12,477.42	\$0.1299	30	108,920	\$13,286.48	\$0.1337	30	115,600
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	2.000	\$243.21	\$0.1140	1	1.760	\$221.06	\$0.1256	1	1.840	\$233.64		1	1,600	\$210.68	\$0.1220	1	3,320
Semmerolar (6 1 11 m W/Semana, 116 14	200.			ΨΕ 10:Ε1	ψ0.12.10				ψ0.1200				ψ0.1 <u>2</u> 70				φοιισιν		
Total Commercial (3 Ph) w/Demand		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	\$222,976.44	\$0.1295	242	1,931,964
Large Power (In - w/Dmd & Rct)	EL1	20	1,940,943	\$198,976.27	\$0.1025	20	2,099,798	\$212,872.23	\$0.1014	20		\$213,321.76	\$0.1047	20		\$235,908.53	\$0.1052	20	
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	850,735	\$82,907.22	\$0.0975	3	1,057,187	\$97,245.54	\$0.0920	3	.,,.	\$100,329.11	\$0.0941	3	1,149,393	\$108,730.64	\$0.0946	3	1,106,992 355,200
Large Power (Out - w/Dmd & Rct, w/SbC Large Power (In - w/Dmd & Rct, w/SbCr)	EL2O EL3	2	396,000 74,895	\$37,297.21 \$6,902.43	\$0.0942 \$0.0922	2	430,800 75,639	\$41,237.24 \$6,907.09	\$0.0957 \$0.0913	2	368,400 75,664	\$39,487.89 \$7,986.26	\$0.1072 \$0.1055	2	390,000 78,979	\$42,155.92 \$16,650.41	\$0.1081 \$0.2108	2	72,757
Large Fower (III - W/DING & Fict, W/ODOI)	LLS		74,033	ψ0,302.40	Ψ0.0322		73,033	ψ0,307.03	ψ0.0313		73,004	Ψ7,900.20	ψ0.1000		70,373	Ψ10,030.41	ψ0.2100		72,737
Total Large Power		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	\$403,445.50	\$0.1045	26	3,776,347
Industrial (In - w/Dmd & Rct, w/SbCr)	El1	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	\$98,777.47	\$0.0887	1	1,058,217
Industrial (In - w/Dmd & Rct, No/SbCr)	El2	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	\$76,890.72	\$0.0901	1	625,090
Total Industrial		2	1,692,916	\$149,240.39	\$0.0882		2,049,920	\$171,660.23	\$0.0837	2	2,121,426	\$179,249.71	\$0.0845	2	1,966,124	\$175,668.19	\$0.0893	2	1,683,307
Total illuusti lai			1,092,910	\$145,240.35	\$0.0662		2,049,920	\$171,000.23	\$0.0037		2,121,420	\$175,245.71	\$0.0045		1,900,124	\$175,000.19	\$0.0093		1,003,307
Interdepartmental (In - No Dmd)	ED1	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	\$5,614.36	\$0.1225	9	51,101
Interdepartmental (Out - w/Dmd)	ED2O	2	189	\$47.21	\$0.2498	2	457	\$80.53	\$0.1762	2		\$69.99	\$0.1923	2		\$74.66	\$0.1890	2	472
Interdepartmental (In - w/Dmd)	ED2	26		\$6,816.66	\$0.1277	26	37,834	\$4,978.74	\$0.1316	26		\$3,380.02	\$0.1388	30		\$3,364.78	\$0.1433	27	
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	219,570	\$24,221.35	\$0.1103	11	249,137	\$28,194.01	\$0.1132	11		\$23,854.96	\$0.1200	11	/	\$23,322.47	\$0.1189	11	
Interdepartmental (Street Lights)	EDSL	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	\$5,850.15	\$0.0930	7	62,879
Interdepartmental (Traffic Signals)	EDTS	9	04.004	\$146.45	\$0.0925	9	1,705	\$157.65	\$0.0925	9	,, ,	\$142.67	\$0.0925	9	.,	\$155.24	\$0.0925	9	.,
Generators (JV2 Power Cost Only) Generators (JV5 Power Cost Only)	GJV2 GJV5	1	24,961 13,985	\$282.56 \$158.31	\$0.0113 \$0.0113	1	22,451 13,779	\$710.35 \$435.97	\$0.0316 \$0.0316	1	19,326 12,735	\$570.31 \$375.81	\$0.0295 \$0.0295	1	18,698 12,861	-\$412.29 -\$283.59	-\$0.0220 -\$0.0221	1	16,988 12,382
Generators (373 Fower cost Only)	GUVU		13,363	φ100.01	φυ.υτισ		13,779	φ433.97	φυ.υστο		12,733	φ3/3.61	\$0.0293		12,001	-φ203.39	-φυ.υΖΖ1		12,302
Total Interdepartmental		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	\$37,685.78	\$0.1041	67	362,914
SUB-TOTAL CONSUMPTION & DEMAN	ID	5,868		\$1,178,791.61	\$0.1081	5,852			\$0.1067	5,861			•	5,871		\$1,314,531.41		5,884	
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Street Lights (In)	SLOO SLOO	14	0	\$13.44 \$1.00	\$0.0000 \$0.0000	14	0	\$13.43	\$0.0000 \$0.0000	14	0	\$13.44 \$1.91		14	0	\$13.44	\$0.0000 \$0.0000	13	0
Street Lights (Out)	SLUU	2	0	\$1.92	φυ.υυυυ	2	0	\$1.91	φυ.υυυυ	2	0	\$1.91	φυ.υυυυ	2	0	\$1.92	φυ.υυυυ	2	U
Total Street Light Only		16		\$15.36	\$0.0000	16	0	\$15.34	\$0.0000	16	0	\$15.35	\$0.0000		0	\$15.36	\$0.0000	15	
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TOTAL CONSUMPTION & DEMAND		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	\$1,314,546.77	\$0.1122	5,899	12,590,971
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BILLING SUMMARY AN	ID CO											
OCTOBER,2017 2017 - OCTOBER BILLING WITH SEPT	EMBER 2							T0741	TOTAL			
Class and/or	Rate	Aug-17	Cost / kWH	Sep-17 # of	Sep-17	Sep-17	Cost / kWH	TOTAL KWH USEAGE	TOTAL BILLING	Avg.Cost Per kWH	Avg.Num. of Bills	Avg.Per.% of Bills
Schedule	Code	Billed	For Month	Bills	(kWh Usage)	Billed	For Month	PRIOR 12 MO	PRIOR 12 MO	For Period	For Period	For Period
Residential (Dom-In)	E1	\$314,306.27	\$0.1168	3,342	2,976,085	\$345,350.78	\$0.1160	26,564,110	\$3,112,149.86		3,330	56.6200%
Residential (Dom-In) w/Ecosmart	E1E	\$742.17	\$0.1179	9	6,913	\$809.37	\$0.1171	57,620	\$6,872.96		3,330	0.1530%
Residential (Dom-In - All Electric)	E2	\$50,625.88	\$0.1177	608	462,086	\$54,138.22	\$0.1172	5,861,217	\$678,139,23		607	10.3126%
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	\$74.21	\$0.1189	1	913	\$105.77		6,830	\$809.94		1	0.0170%
Total Residential (Domestic)		\$365,748.53	\$0.1169	3,960	3,445,997	\$400,404.14	\$0.1162	32,489,777	\$3,797,971.99	\$0.1169	3,946	67.1026%
Residential (Rural-Out)	ER1	\$98,658.70	\$0.1219	776	867,199	\$106,585.60	\$0.1229	9,010,075	\$1,106,446.33	\$0.1228	765	13.0090%
Residential (Rural-Out) w/Ecosmart	ER1E	\$364.95	\$0.1281	4	3,102	\$393.53	\$0.1269	33,511	\$4,257.42	\$0.1270	4	0.0680%
Residential (Rural-Out - All Electric)	ER2	\$52,319.41	\$0.1229	376	455,552	\$55,674.82	\$0.1222	5,301,445	\$643,363.68	\$0.1214	380	6.4542%
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	\$252.01	\$0.1238	2		\$269.03	\$0.1231	24,876	\$3,048.48		2	0.0340%
Residential (Rural-Out w/Dmd)	ER3	\$1,973.79	\$0.1239	16		\$2,115.60	\$0.1232	409,469	\$47,499.14		16	0.2721%
Residential (Rural-Out - All Electric w/Dm	ER4	\$955.60	\$0.1259	9	8,328	\$1,038.77	\$0.1247	128,375	\$15,452.21	\$0.1204	9	0.1530%
Total Residential (Rural)		\$154,524.46	\$0.1223	1,183	1,353,540	\$166,077.35	\$0.1227	14,907,751	\$1,820,067.26	\$0.1221	1,176	19.9904%
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Commercial (1 Ph-In - No Dmd)	EC2	\$8,390.83	\$0.1425	76	40,897	\$6,098.23	\$0.1491	619,793	\$85,607.04		75	1.2724%
Commercial (1 Ph-Out - No Dmd)	EC2O	\$1,613.40	\$0.1979	48	7,971	\$1,589.79	\$0.1994	102,347	\$19,425.19	\$0.1898	46	0.7737%
Tetal Communicat (4 DIV VI D		040.004.00	00 110	404	40.000	67.000.00	60 4555	700 440	MAR 000	00 11	400	0.0101
Total Commercial (1 Ph) No Dmd		\$10,004.23	\$0.1492	124	48,868	\$7,688.02	\$0.1573	722,140	\$105,032.23	\$0.1454	120	2.0461%
Commercial (1 Ph-In - w/Demand)	EC1	\$50,323.85	\$0.1449	259	411,769	\$58,197.76	\$0.1413	3,904,753	\$560,513.82	\$0.1435	257	4.3699%
Commercial (1 Ph-Out - w/Demand)	EC10	\$4,412.07	\$0.1434	25	47,917	\$6,566.44		387,919	\$54,804.27		25	0.4308%
Total Commercial (1 Ph) w/Demand		\$54,735.92	\$0.1448	284	459,686	\$64,764.20	\$0.1409	4,292,672	\$615,318.09	\$0.1433	282	4.8006%
Commercial (3 Ph-Out - No Dmd)	EC4O	\$41.09	\$1.0273	2	40	\$41.09	\$1.0273	30,800	\$4,284.65	\$0.1391	2	0.0340%
(5							4			70		3.33.13,1
Total Commercial (3 Ph) No Dmd		\$41.09	\$1.0273	2	40	\$41.09	\$1.0273	30,800	\$4,284.65	\$0.1391	2	0.0340%
Commercial (3 Ph-In - w/Demand)	EC3	\$196,114.84	\$0.1265	205	1,638,514	\$206,906.78	\$0.1263	17,245,367	\$2,167,943.99	\$0.1257	202	3.4333%
Commercial (3 Ph-Out - w/Demand)	EC3O	\$34,248.95	\$0.1203	38	276,505	\$35,724.78	\$0.1203	4,140,091	\$516,605.45		38	0.6461%
Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	\$13,912.96	\$0.1204	3	116,040	\$13,907.06	\$0.1198	1,471,560	\$172,978.04		3	0.0510%
Commercial (3 Ph-In - w/Demand, No Ta		\$464.87	\$0.1400	1	4,520	\$592.45	\$0.1311	36,240	\$4,669.15		1	0.0170%
Total Commercial (3 Ph) w/Demand		\$244,741.62	\$0.1267	247	2,035,579	\$257,131.07	\$0.1263	22,893,258	\$2,862,196.63	\$0.1250	244	4.1474%
Total Commercial (3 Fil) w/Demand		\$244,741.02	\$0.1207	241	2,033,579	\$237,131.07	\$0.1203	22,093,230	\$2,002,190.03	ψ0.1230	244	4.14/4/0
Large Power (In - w/Dmd & Rct)	EL1	\$230,431.42	\$0.1028	20	2,427,551	\$243,182.88	\$0.1002	25,993,666	\$2,653,217.50		20	0.3415%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	\$104,791.60	\$0.0947	3		\$109,126.69	\$0.0939	11,924,176	\$1,128,237.34		3	0.0510%
Large Power (Out - w/Dmd & Rct, w/SbO		\$39,089.96	\$0.1101	1	484,800	\$47,774.37	\$0.0985	5,030,400	\$501,002.23		1	0.0170%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	\$14,892.80	\$0.2047	2	79,957	\$19,155.55	\$0.2396	816,982	\$120,803.12	\$0.1479	2	0.0340%
Total Large Power		\$389,205.78	\$0.1031	26	4,154,412	\$419,239.49	\$0.1009	43,765,224	\$4,403,260.19	\$0.1006	26	0.4435%
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	\$93,929.97	\$0.0888	1	1,175,166	\$100,988.96	\$0.0859	12,586,879	\$1,111,861.64		1	0.0170%
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	\$61,785.34	\$0.0988	1	736,807	\$68,131.06	\$0.0925	10,473,324	\$923,648.57	\$0.0882	1	0.0170%
Total Industrial		\$155,715.31	\$0.0925	2		\$169,120.02	\$0.0885	23,060,203	\$2,035,510.21	\$0.0883	2	0.0340%
Interdepartmental (In - No Dmd)	ED1	\$6,163.94	\$0.1206	8		\$6,417.40		531,404	\$62,523.27		8	0.1332%
Interdepartmental (Out - w/Dmd)	ED2O	\$84.14	\$0.1783	2		\$94.92	\$0.1704	4,506	\$855.59		2	0.0340%
Interdepartmental (In - w/Dmd)	ED2	\$3,169.47	\$0.1417	26		\$3,399.52	\$0.1400	473,255	\$63,440.09		27	0.4605%
Interdepartmental (3Ph-In - w/Dmd)	ED3	\$23,572.78	\$0.1208	11		\$22,942.74		2,671,824	\$309,584.30		11	0.1870%
Interdepartmental (Street Lights)	EDSL	\$5,848.05	\$0.0930	7		\$5,851.14		754,548	\$69,860.00		/	0.1190%
Interdepartmental (Traffic Signals)	EDTS	\$145.62		9		\$158.59		20,582	\$1,902.99		9	0.1530%
Generators (JV2 Power Cost Only) Generators (JV5 Power Cost Only)	GJV2 GJV5	\$380.02 \$276.99	\$0.0224 \$0.0224	1	18,180 12,704	\$417.41 \$291.68		255,730 164,096	\$12,440.07 \$7,846.16		1	0.0170% 0.0170%
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Total Interdepartmental		\$39,641.01	\$0.1092	65	369,731	\$39,573.40	\$0.1070	4,875,945	\$528,452.47	\$0.1084	66	1.1208%
SUB-TOTAL CONSUMPTION & DEMAN	ID	\$1,414,357.95	\$0.1123	5,893	13,779,826	\$1,524,038.78	\$0.1106	147,037,770	\$16,172,093.72	\$0.1100	5,865	99.7194%
	01.5	4.2	A				A					
Street Lights (In)	SLO	\$13.28	\$0.0000	13	0	\$13.28	\$0.0000	0	\$162.13		15	0.2465%
Street Lights (Out)	SLOO	\$1.91	\$0.0000	2	0	\$1.92	\$0.0000	0	\$19.54 	\$0.0000	2	0.0340%
Total Street Light Only		\$15.19	\$0.0000	15	0	\$15.20	\$0.0000	0	\$181.67	\$0.0000	17	0.2806%
TOTAL CONCUMPTION & DEMAND		\$1,414,373.14	en 1100	E 000	12 770 926	\$1,524,053.98	¢0 1106	147 027 770	¢16 170 075 20	¢0 1100	E 001	100.0000%
TOTAL CONSUMPTION & DEMAND		\$1,414,373.14	\$0.1123	5,908	13,779,826	\$1,524,053.98 =======	\$0.1106	147,037,770	\$16,172,275.39 		5,881 =====	100.0000%
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Electric Dept. Report September 2017

There were 6 callout/outages during the month of September. Two callouts were animals getting into the power lines and blowing fuses. One outage was caused by branches that needed to be removed from power lines. One outage was caused by lightning. One outage was due to a customer's problem and one was a turn on of electric from the Police Department.

Linemen/Service Truck: Linemen rebuilt County Road U. The Lineman energized the New Senior Center. Three Linemen did Mutual Aid at Florida from 9/11/2017 to 9/22/2017. The Linemen did a temporary service on Rd. P1 and a transformer pole replacement at Wells Bowen. Linemen removed street light poles from downtown for sidewalk expansion. Lineman installed a new transformer in preparation for URD services to a new office building at N&R&G. Linemen installed a 3 phase bank at United Pentecostal Church on Independence and also hooked up temporary service. The Linemen pulled poles on County Road U between roads 12 & 13 and relocated a transformer recloser feeding SR 108 & Road O. The Service truck lineman performed locates and completed work orders.

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

Tree Crew: The tree trimming crew worked on Ohio St., the alley behind Autoville, E. Riverview Ave., County Road 12, Park St, and Glenwood & Riverview. They also helped with work orders.

Storeroom/Inventory: Shawn read meters, ordered inventory, performed equipment maintenance in shop as needed.

The Peak Load for September, 2017 was **28.47 MW** occurring on the 21ST at 6:000 PM. This was a decrease of 1.08 MW compared to September 2016. The turbine and JV5 did not run. The JV2 was started on September 26th but provided a negligent amount of output. The Solar Field produced 497.27 MWh in September. This was an increase of .06 MWh compared to September 2016. The September 2017 peak was 3.49 MW. This was an increase of .02 MW compared to September 2016.

KLM 10/5/17

City of Napoleon, Ohio



SUMMARY OF SEPTEMBER 2017 OUTAGE/STANDBY CALL-OUTS

September 4, 2017:

Electric personnel were dispatched at 7:38 p.m. to 17089 State Route 6 due to a power outage. The outage lasted fifty minutes and affected one customer. The outage was due to lightning strikes that blew a fuse. The personnel replaced the fuse.

September 4, 2017:

Electric personnel were dispatched at 9:45 p.m. to 1465 Ohio St. due to branches that needed removed that was coming in contact with the primary. The personnel removed the branches.

September 7, 2017:

One employee was dispatched at 6:56 a.m. to 234 W. Maumee Ave. to turn on electric. The employee was told not to turn them back on.

September 15, 2017:

Electric personnel were dispatched at 6:26 p.m. to W. Main & Washington St. due to a power outage. The outage lasted one hour and affected five customers. The outage was due to an animal getting into the power lines and blowing a fuse. The personnel replaced the fuse.

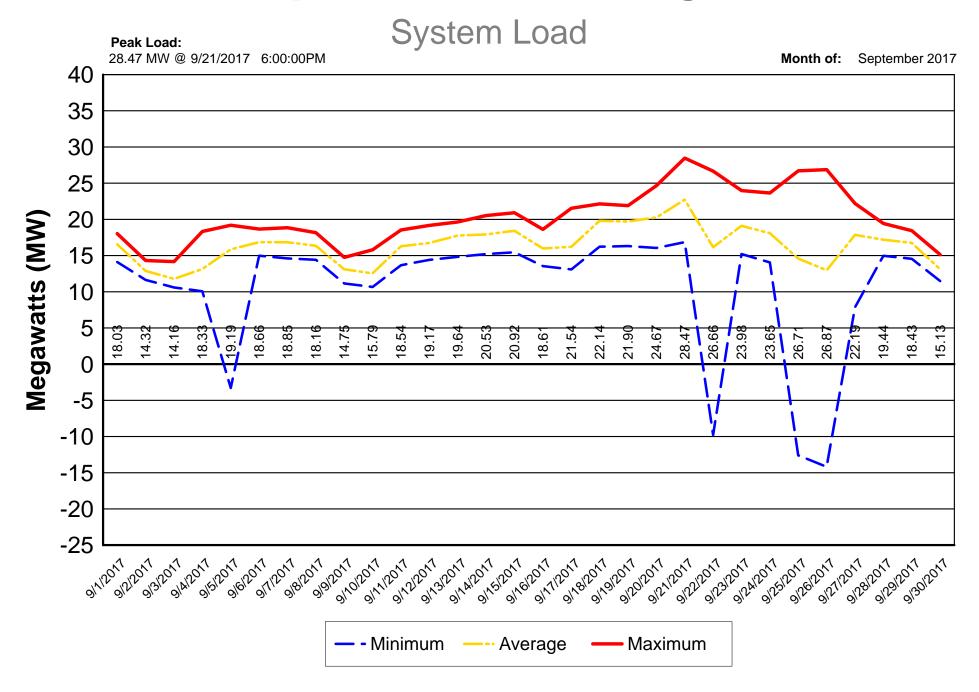
September 17, 2017:

Electric personnel were dispatched at 1:26 p.m. to 567 E. Riverview Ave. due to a power outage. The outage lasted one hour and affected one customer. The outage was due to an animal getting into the power lines and blowing a fuse. The personnel replaced the fuse.

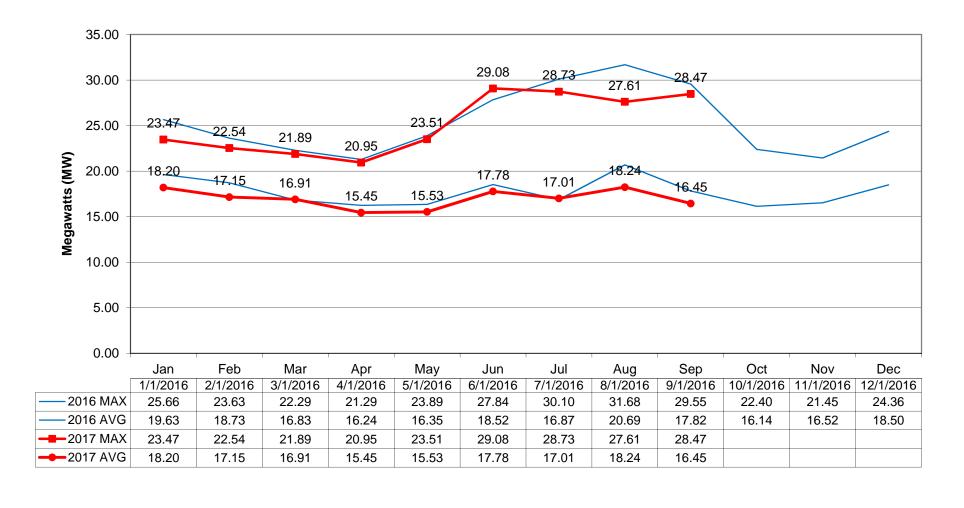
September 25, 2017:

Electric personnel were dispatched at 8:00 p.m. to 1075 Independence Dr. due to a power outage. The outage was the customers' problem.

Napoleon Power & Light



NAPOLEON POWER & LIGHT

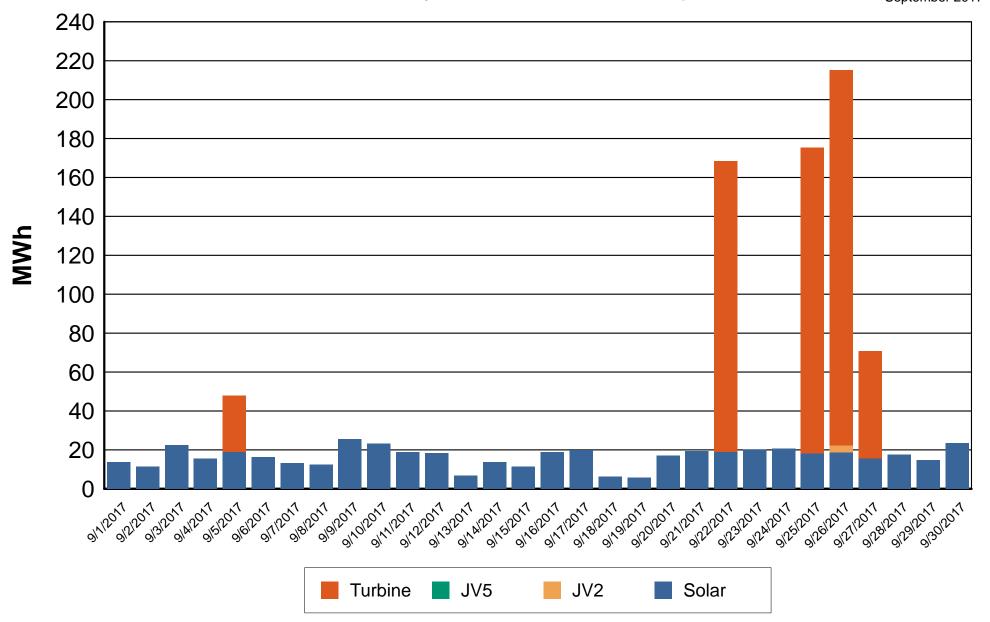




Napoleon Power & Light

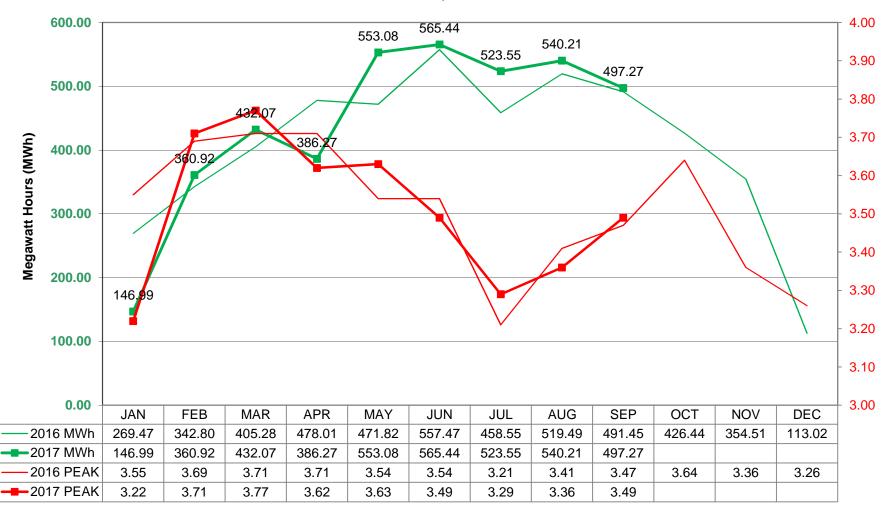


September 2017



NAPOLEON POWER & LIGHT

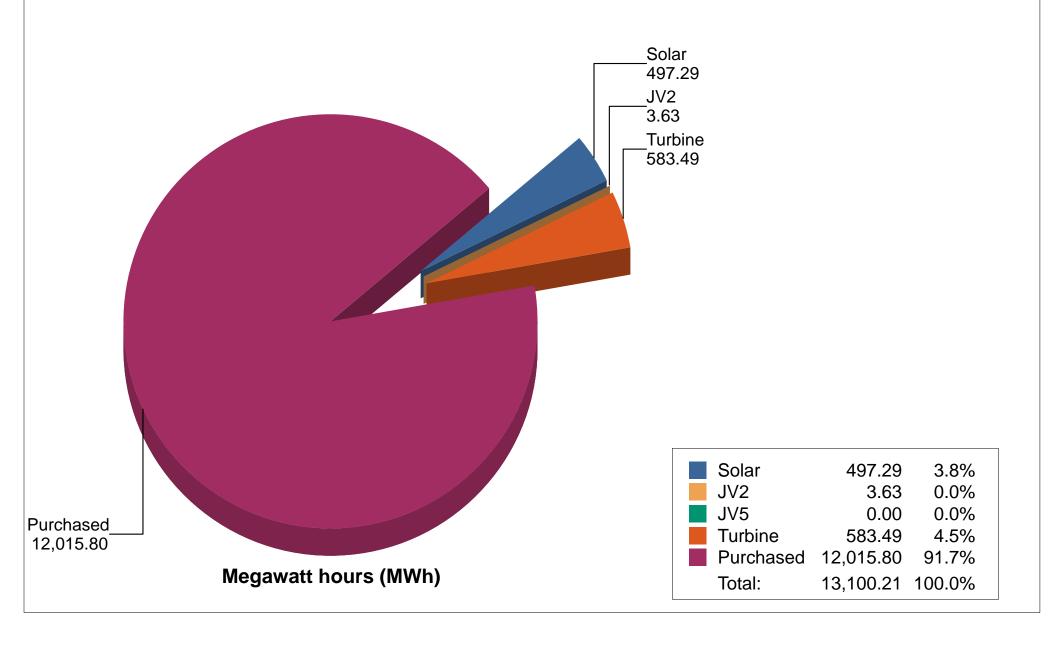
Solar Field Output Trend



Napoleon Power & Light

Power Portfolio

September 2017



City of Napoleon, Ohio

BOARD OF PUBLIC AFFAIRS

Meeting Agenda

Monday, October 09, 2017 at 6:30 pm

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

- 1) Approval of Minutes from September 11, 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 October, 2017: PSCAF – three (3) month averaged factor \$0.01052 JV2 \$0.007586 JV5 \$0.007586
- 3) Discussion on Transmission Operator for Northside Substation.
- 4) Electric Vehicle Rebate. (Tabled)
- 5) Electric Department Reports.
- 6) Review of City's Bag Refuse Service.
- 7) Sewer Rate Review with Courtney and Associates.
- 8) Any other matters to come before the Board.
- 9) Adjournment.

Drogony of Heath

Finance Director/Clerk of Council

City of Napoleon, Ohio

BOARD OF PUBLIC AFFAIRS

Meeting Minutes

Monday, September 11, 2017 at 6:30 pm

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Board of Public Affairs Elec. Committee Members

City Staff

Mike DeWit-Chair, Dr. David Cordes arrived at 6:37 pm, Nick Frysinger

Travis Sheaffer-Chair, Lori Siclair

Greg Heath, Finance Director/Clerk of Council

Joel Mazur, City Manager

Dennie Clapp, Electric Distribution Superintendent

Recorder/Records Clerk

Others **ABSENT**

Roxanne Dietrich

Newsmedia

Committee Member Dan Baer

Call to Order Chairman DeWit called the Board of Public Affairs meeting to order at 6:34 pm.

Approval of August 14, 2017 Meeting Minutes

Hearing no corrections or objections, the meeting minutes of August 14, 2017

stand approved.

September 2017 PSCAF Heath said he does not anticipate the PSCAF going down soon.

Motion to Approve September 2017 PSCAF Motion: Frysinger Second: Dr. Cordes

to approve the PSCAF for September 2017 as: PSCAF three month averaged

factor \$0.01042, JV2 \$0.022959 JV5 \$0.022959.

Passed
Yea-3

Roll call vote on the above motion:
Yea-DeWit, Dr. Cordes, Frysinger

Nay-0 Nay-

Motion to Untable
Transmission Operator for
Northside Substation

Motion: Frysinger Second: Dr. Cordes

to untable Discussion on Transmission Operator for Northside Substation.

Passed
Roll call vote on above motion:
Yea-3
Yea-DeWit, Dr. Cordes, Frysinger
NayNay-

Mazur said we have heard the City of Cuyahoga Falls sold their transmission asset and believe the City of Hudson will follow suit that puts Napoleon and Wadsworth in the position that I'm comfortable with the recommendations from the last meeting. First Energy did the walk through; however, we have yet to receive a formal offer.

Dr. Cordes asked if the lack of offer takes some of the time frame responsibility off Napoleon. Mazur replied unofficially yes, other communities that went this route had their response time delayed. DeWit confirmed we are working towards the position that we will still maintain control of our asset that the City built. Mazur said yes, the cost for monitoring and maintaining our asset will be close to \$120,000/year, all is recoverable as will be the compliance cost, valuation of the asset and hard costs, including legal costs, consulting, administration, insurance, control center costs (at \$10,000/month), we will need at least 6% to recover our costs and could see a 10.38% return in equity. If our asset goes away we lose our ability to serve. Clapp stated whoever we hire as our transmission operator the startup cost will be considerable. The initial cost could be around \$150,000 that is on top of the monthly cost the cost will include putting their wires on our stuff to monitor our system 24 hours a day/seven days a week.

Electric Vehicle Rebate Remained Tabled Electric Vehicle Rebate remained tabled.

Portfolio Realignment Opportunity Mazur said every year AMP solicits members to see if there is interest in realigning their power supply portfolio, I signed a letter of intent saying we may be interested in purchasing. Our options are Fremont, Prairie State, Meldahl Hydro or Greenup Hydro. If we were to buy, my recommendation would be Fremont; there is no interest in Prairie State; and I'm on the fence with Meldahl and Greenup. There was discussion on this being an opportunity for us to shave high expenses, is hydro considered green power and that it is cheaper to make power from Fremont than buy off the market.

Electric Department
Participation in City of
Tallahassee Relief Efforts

Clapp reported last Friday they received a call from the Red Sector Coordinator for AMP looking for crews interested in providing mutual aid to Tallahassee, Flordia. Tallahassee is a sister public power community and AMP also reached out to crews from the City of Bryan, Coldwater, Montpelier and Bowling Green. Napoleon's crew of Tom Dennie, Jeremy Gustwiller and Ryan Pahl left at 5:30 am Sunday, food and lodging will be provided for the crews. FEMA may call upon the crew to move onto other areas of the State needing help. We will be reimbursed for all hours. DeWit asked what equipment are they using. Clapp said we sent the new bucket truck and also the digger derrick truck. Tony Kuhlman checked both trucks over before they left so they are in the best possible condition. DeWit asked about insurance, Clapp said that was checked out before the guys left. DeWit commented that it would be nice to do a Press Release to let people know Napoleon is helping out. Mazur stated initially he was concerned about compromising our system but does not feel that will be a problem, should something come up that we need help, we can get mutual aid from other communities.

Electric Department Report

Clapp said there were only three callouts in August. The peak load had a 4.07 MW decrease from last year and the average load decreased 2.45 MW compared to August of 2016, the AMP solar field peaked at 3.36 MW.

Motion: Frysinger **Motion to Adjourn** Second: Dr. Cordes **Electric Committee** to adjourn the Board of Public Affairs meeting at 7:33 pm. Meeting **Passed** Roll call vote on the above motion: Yea- DeWit, Dr. Cordes, Frysinger Yea-3 Nay-0 **Approved** October 09, 2017 Mike DeWit - Chairman

City of Napoleon, Ohio

WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE

Amended Meeting Agenda

Monday, October 09, 2017 at 7:00 pm

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

- 1) Approval of September 11, 2017 Minutes (In the absence of any objections or corrections, the Minutes shall stand approved)
- 2) Review of City's Bag Refuse Service.
- 3) Sewer Rate Review with Courtney and Associates.
- 4) Citizens Communications.
- 5) Any other matters currently assigned to the Committee.
- 6) Adjournment.

Gregory Heath

Finance Director/Clerk of Council

WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE

Meeting Minutes

Monday, September 11, 2017 at 7:00 pm

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Committee Members

City Staff

Jeff Comadoll-Chair, Rita Small, Travis Sheaffer Greg Heath, Finance Director/Clerk of Council

Joel Mazur, City Manager

Dave Pike, WWTP Superintendent Chad Lulfs, Public Works Director Jeff Rathge, Operations Superintendent

Recorder/Records Clerk

Others **ABSENT**

Roxanne Dietrich Newsmedia

Call to Order

Chairman Comadoll called the Water, Sewer, Refuse, Recycling and Litter Committee to order at 7:35 pm.

Approval of July 10, 2017 Meeting Minutes

Hearing no objections or corrections, the meeting minutes of July 10, 2017 stand approved.

Motion to Untable Update on Wastewater Treatment Plant

Motion: Sheaffer Second: Small to untable Update on Wastewater Treatment Plant.

Passed Yea-3 Nay-0 Roll call vote on the above motion: Yea-Small, Sheaffer, Comadoll

Nay-

WWTP Update

Mazur informed the Committee Stantec is working on a study and putting together a plan for revamping the WWTP, this will tie in with the rate study Courtney & Associates is doing. The project will start in 2019 for eight years and cost approximately \$11.5 million. Pike said the project has been broken down into three phases; Phase 1 will change the headworks, getting rid of and updating 1959 dread pulley and raw pumps all that are part of headworks, the cost will be right around \$4 million. Phase 2 and Phase 3 will also be about \$4 million each. Phase 3 will be a lot of process changes in the plant to increase capacity for wet water and improve the operation of our existing facility. Part will fall into LTCP though we do not know where that stands yet. Sheaffer asked about funding source are there any out there with no interest like we have for the WTP. Part of the asset management is remaining useful life what could happen once you are at the end of the plant's useful life.

Recycling Contract

Mazur said our contract with Werlors is up at the end of November, Chad, Jeff Rathge and I met with their rep. We are going to put together a bid and put the recycling portion out to bid, due to contamination glass cost more to recycle than it is worth and it is heavy. We have to make sure glass is not

getting into our recycling bins. At the low end we probably have a 45% contamination rate and could see contamination up to a 60%. The fee is set at a certain percentage and we will be charged extra if we go over the set percentage. Sheaffer inquired how much sorting is done. Mazur replied we just dump we do not have the manpower to sort.

Right now we are paying \$37/ton, Werlors will only accept metals, plastic nos. 1 and 2, cardboard and regular paper, no shiny paper or cardstock with gloss. Sheaffer commented we need to inform the citizens what they can or cannot recycle. Lulfs replied once the new contract is established, public notices will go out to all residents, a copy will be put on Facebook and the City's website. Sheaffer asked at what point does it become too costly for us to continue the recycling program. Rathge noted the residents are currently allowed one-30 galllon bag for refuse and can have up to six recycling containers, 50% of the recyclables is trash. At the landfill, a 20 yard container cost \$9.00/yard = \$180 plus there is a dump fee of \$11.00 per ton, average is 8 tons = \$88 for a total of \$268. Recycling is \$37.00 per ton at five tons per load = \$185; right now the costs are real close, it is almost cheaper to go to the landfill. If the dump fee goes up and contamination stays where it is we will be losing money, the new contract will rely a lot on the contamination rate fee. Sheaffer stated the county has a nice facility at the Canal Basin. Mazur replied the contamination rate for the Canal Basin is much higher than our curbside recycling. My recommendation is to wait and see how the bids come back. The cost for Spring Unlimited is about \$30,000 and the Fall pickup runs around \$26,000, the unlimited pickups are built into the rates. Residents can schedule a special pickup at a rate of \$5.63/yard.

Sewer Rate Review with Courtney and Associates

John Courtney will give a presentation at the October 9, 2017 meeting.

Other Matters

None.

Motion to Adjourn

Motion: Sheaffer Second: Small

To adjourn the Water, Sewer, Refuse, Recycling & Litter Committee meeting at

8:01 pm.

Passed Yea-3 Nay-0 Roll call vote on the above motion: Yea-Small, Sheaffer, Comadoll

Nay-

Approved

October 9, 2017

Jeff Comadoll, Chairman

ORDINANCE NO. 088-08

AN ORDINANCE AMENDING SECTIONS 925.07, 925.13, 925.17 AND 925.18 OF THE CODIFIED ORDINANCES OF NAPOLEON, OHIO AS IT RELATES TO REFUSE SERVICE; AMENDING SEASONAL CLEANUP GUIDELINES TO INCLUDE TIME FRAME FOR PLACEMENT OF MATERIAL FOR PICKUP

WHEREAS, the Board of Public Affairs as well as the applicable committee of Council has reviewed and recommended the following changes; Now Therefore,

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF NAPOLEON, OHIO:

Section 1. That, Section 925.07 of the Codified Code shall be amended and enacted as follows:

"925.07 BAGS AND TAGS.

Plastic bags must be used for garbage, refuse or rubbish and shall be properly tagged, except as permitted in Section 925.13, and shall not exceed 30 gallons each in capacity. The weight of the bag and contents shall not exceed 25 pounds. Paper sacks, cardboard boxes, and fiber drums are not approved type garbage or refuse containers. Unapproved containers will be left untouched by collection crews. Where the subscriber chooses to use a bag holder, a clean refuse can, not to exceed 35 gallon capacity, may be used. When the bag is filled, it shall be tied securely for pickup. Broken glass or sharp objects shall be wrapped in newspaper before placing in plastic bags or liners and in such a manner as to avoid puncturing and injury to collection personnel. **PLASTIC BAGS** NOT PROPERLY TAGGED MAY BE EITHER LEFT AT THE PLACE FOUND OR PICKED UP AT THE DISCRETION OF THE OPERATIONS SUPERINTENDENT OR HIS OR HER DESIGNEE; HOWEVER, WHEN FOUND AT THE CURB SITE OR NORMAL PICKUP AREA, IT SHALL BE DEEMED PLACED THERE BY THE SUBSCRIBER FOR THE PURPOSE OF PICKUP BY THE COLLECTION CREWS. BECAUSE OF THE ADDITIONAL LABOR INVOLVED IN TRACKING AND INVOICING A PICKED UP UNTAGGED BAG, THE COST OF SUCH SERVICE, WHEN PICKED UP, WILL BE TWICE THE NORMAL TAG RATE, THE AMOUNT WILL BE INVOICED OR PLACED ON THE SUBSCRIBER'S UTILITY BILL."

Section 2. That, Section 925.13 of the Codified Code of Napoleon, Ohio, shall be amended and enacted as follows:

"925.13 RATES.

(a) The following rates are established as a monthly base fee as it relates to City bag refuse service, and shall be charged to each eustomer or residential establishment SUBSCRIBER utilizing or mandated to utilize the City's bag refuse service. COMMERCIAL USE OF RESIDENTIAL TYPE RECYCLING SERVICE IS PERMITTED IN ACCORDANCE WITH PARAGRAPH (c). Nothing in this provision shall be construed as mandating the City to provide refuse service outside its corporate limits.

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Year	Inside Corporate Limits	Outside Corporate Limits
2004	\$11.35	\$17.05
	11.95	17.95
2006	\$12.55 \$18.00	\$ 18.85 \$24.30

The year 2006 rate herein established shall apply each year thereafter unless otherwise amended by City Council.

- (b) Each subscriber to the City's bag refuse service will be permitted to have one bag of garbage or refuse, per week, at no additional cost (without necessity of a tag), as part of the established monthly fee paid by all City bag refuse subscribers; thereafter, there will be a charge of \$1.50 2.00 per tag that shall be affixed to the outside of each bag AFTER THE FIRST ONE BAG as provided for in Section 925.07. Tags may be purchased at the office of the City Utilities Department or at other locations as may be designated.
- (c) COMMERCIAL RECYCLING SERVICE WHEN PROVIDED BY THE CITY, IN OR OUTSIDE THE CORPORATION LIMITS, SHALL BE AT THE RATE OF \$18.00 PER MONTH FOR UP TO SIX RESIDENTIAL TYPE RECYCLING BINS WITH ADDITIONAL BINS, UP TO TEN IN TOTAL, AT THE RATE OF \$1.00 PER MONTH FOR EACH ADDITIONAL BIN OVER SIX. LEVELS OF SERVICE SHALL BE ESTABLISHED ON AN ANNUAL BASIS."

Section 3. That, Section 925.17 of the Codified Code of Napoleon, Ohio, shall be amended and enacted as follows:

"925.17 CHARGE FOR SPECIAL SANITATION SERVICES.

- (a) No additional fee, except as may be otherwise provided in this chapter, shall be charged to **customers or residential establishments SUBSCRIBERS** utilizing the City's bag refuse service within the corporation limits of the City for the purpose of providing the following special sanitation services:
- (1) The City's seasonal pickup program at a time or times as determined by the City;
 - (2) Limited leaf collection each year;
 - (3) Mosquito control (within the City);
 - (4) Specially-announced pickups for storm debris;
 - (5) Yard-waste drop-off site operation;
 - (6) Equipment and supply costs for a curbside recycling program;
 - (7) Operating costs for a curbside recycling program;
 - (8) Pickup of public garbage containers (within the City).
- (b) The sum of \$4.00 5.00 per month shall be charged to all electric utility accounts, other than all eustomers or residential establishments SUBSCRIBERS utilizing the City's bag refuse service as provided in division (a) above, within the corporation limits of the City for the purpose of providing the following special sanitation services:
 - (1) Mosquito control;
 - (2) Specially-announced pickups for storm debris;

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- (3) Yard-waste drop-off site operation;
- (4) Pickup of public garbage containers."

Section 4. That, Section 925.18 of the Codified Code of Napoleon, Ohio, shall be amended and enacted as follows:

"925.18 DISPOSAL REGULATIONS AND EXTRAORDINARY FEES DURING CITY'S SEASONAL PICKUP PROGRAMS.

The City hereby establishes an additional charge for the disposal of all white ware (which shall include, but not be limited to, refrigerators, stoves, freezers, washers, dryers, air conditioners and water heaters, regardless of their color) and tires during times of the City's seasonal pickup program, which charge shall be the approximate disposal cost thereof incurred by the City. The City will publish in advance of the pickup the number of tags to be affixed to each item. Only those items properly tagged AND PROPERLY PLACED FOR PICK UP will be picked up, except as herein provided. During the City's seasonal pickup program, improperly prepared, or tagged, OR PLACED material OR OTHER ITEMS placed FOUND along a curb, alley, or other area, that appears to be placed for purpose of pickup, shall be deemed authorized for pickup by the City's Sanitation Department. Improperly prepared, or tagged, OR PLACED material OR OTHER ITEMS shall be considered a specially requested pickup service as provided for in Section 925.19."

Section 5. That, the Seasonal Cleanup Guidelines shall be amended to include Rule 15 as follows:

"MATERIAL OR OTHER ITEMS PLACED FOR PICK UP SHALL BE AT THE CURB NO MORE THAN FIVE (5) DAYS IN ADVANCE OF THE SUBSCRIBER'S SCHEDULED SEASONAL PICK UP DAY. ITEMS PLACED AT THE CURB EARLIER THAN FIVE (5) DAYS IN ADVANCE OF THE SCHEDULED PICK UP DAY WILL BE TREATED BY THE CITY AS A "SPECIAL PICKUP" WITH CHARGES BEING ASSESSED TO THE SUBSCRIBER OR PERSON RESPONSIBLE FOR PLACEMENT."

- Section 6. That, "Seasonal Cleanup Guidelines" shall also be known as the "Seasonal Pickup Guidelines".
- Section 7. That, Sections 925.07, 925.13, 925.17 and 925.18 of the Codified Code of Napoleon, Ohio, as well as the Seasonal Pickup (cleanup) Guidelines, as existed prior to the enactment of this Ordinance, are repealed.
- Section 8. That, it is found and determined that all formal actions of this City Council concerning and relating to the adoption of this Ordinance were adopted in open meetings of this City Council, and that all deliberations of this City Council and any of its committees that resulted in such formal actions were in compliance with all legal requirements, including Section 121.22 of the Ohio Revised Code and the Codified Ordinances of Napoleon Ohio.
- Section 9. That, if any other prior Ordinance or Resolution is found to be in conflict with this Ordinance, then the provisions of this Ordinance shall prevail. Further, if any portion of this Ordinance is found to be invalid for any reason, such decision shall not affect the validity of the remaining portions of this Ordinance or any part thereof.

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Section 10. That, this Ordinance shall ta following 30 days after passage.	ke effect with the first full billing cycle
Passed: December 8, 2008	Glenn A. Miller, Council President
Approved: 08 26408	J. Andrew Small, Mayor
VOTE ON PASSAGE 1 Yea Nay C	Abstain
Gregory S. Heath, Gerk/Finance Director	
I, Gregory J. Heath, Clerk/Finance Director of that the foregoing Ordinance No wanewspaper of general circulation in said City, on the 200 \(\); & I further certify the compliance with rule. Codified Ordinances Of Napoleon Ohio and the laws of Meetings.	23 day of <u>December</u> , s established in Chapter 103 of the
	Gregory J. Hegeh, Cherk/Finance Director
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Page 4 - Ordinance No

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CITY OF NAPOLEON, OHIO

255 West Riverview Avenue • PO 151 • Napoleon, Ohio 43545-0151 Gregory J. Heath, Director of Finance/Clerk of Council phone (419) 599-1235 fax (419)-599-8393

Web Page: www.napoleonohio.com E-mail: gheath@napoleonohio.com

DIVISION OF UTILITY BILLING

The Utility Billing Division is responsible for all City Utility Accounts, Billing and Receipting and is the primary Customer Service contact for establishing and maintaining their utility services.

Establishing Utilities Service for Electric, Water, Sewer and Refuse:

Who may establish utility services with the City and what is required – (as per Electric Rules; Rule 8, Water/Sewer Rules; Rule 11)

- Anyone over the age of 18, with a valid government issued photo I.D. (driver's license or passport) Internal Policy for Red Flag Identity Theft
- A customer with a good credit and no outstanding with bills with the city. Any outstanding bills must be paid before a contract or new services can begin
- The customer must come to the City Building and a contract is required and must be signed and completed to establish utility services with the City. They must have a valid government issued photo I.D. with them
- A meter deposit may be required and those range from \$100.00 to \$330.00 for residential services. Commercial accounts are based on a 12 month average plus 30%

Meter Deposits

	Meter Deposits			
Deposits	Electric	Water	Sewer	TOTAL
Inside City- E1	\$100.00	0	0	\$100.00
Inside City- E1, W1 & S1	\$100.00	\$70.00	\$80.00	\$250.00
Inside City- All Electric E2	\$180.00	0	0	\$180.00
Inside City- All Electric E2, W1 & S1	\$180.00	\$70.00	\$80.00	\$330.00
Outside City (Rural)- ER1	\$120.00	0	0	\$120.00
Outside City (Rural)- ER1 & WR1	\$120.00	\$70.00	0	\$190.00
Outside City (Rural)- ER1, WR1& SR1	\$120.00	\$70.00	\$80.00	\$270.00
Outside City All Electric ER2	\$200.00	0	0	\$200.00
Outside City All Electric ER2 & WR1	\$200.00	\$70.00	0	\$270.00
Outside City All Electric ER2, WR1 & SR1	\$200.00	\$70.00	\$80.00	\$350.00

Commercial or Industrial Deposits are figured by averaging the past 12 months then multiplying by 30% and then adding the 30% to the total. Round to the nearest whole dollar. Ex: $538.36 \times 30\%$ (175.01) 538.36 + 175.01 = 758.37 Deposit would be \$760.00

• The customer is responsible for all utility services and billing at the established service address until they end the signed contract with the City.

1

Utility Bill Generation and Type of Charges:

- Utility Bills are generated billed monthly on the first of the month.
- Both Electric and Water Meters are read by the meter reader by radio frequency on 4 different days during the month.
- The city does bill a month behind so your January bill will be for your usage from the previous month (ex: November 15th to December 15th usage will be your 01/01/2017 due on 01/16/2017)
- Utility Bills are due on or around the 16th of the month, unless it is a weekend or holiday.
- Electric Rule 9.1 (A) Bills for electrical service will normally be rendered on a monthly billing cycle. All bills will be due and payable on or before the date specified due date on the bill. A contract for electricity will be considered a contract for all utilities being furnished and received; therefore, if all utility accounts of the customer are not so paid on the specified date, the gross charge shall be paid. Such gross charge shall be the net charge as shown on such bill plus a delinquent charge of ten (10%) percent. The City will allow at least fifteen (15) days between the date of the bill and the final payment date (due date) specified on the bill.
- Charges that may be included on a typical bill are: (As per Codified Ordinances)
 - o Electric billed based on kwh of electric used and demand on power
 - Water billed based on ccf of water used (a ccf is equal to 748.05 gallons)
 - Sewer billed based on ccf water usage (a ccf is equal to 748.05 gallons)
 - Storm Water based on Impervious Square footage of the property, included in the Sewer Ordinance as part of the Sewer Enterprise Fund
 - Sewer Lateral charge to raise revenue to offset costs of assuming repairs to customer sewer laterals which occur at or between the right-of-way and the main. This is included in the Sewer Ordinance as part of the Sewer Enterprise Fund
 - Refuse includes refuse of one 30 gallon bag per week and recycling. Services covered in the Refuse Charge include-
 - Seasonal pickups (Spring and Fall)
 - Recycling and Refuse pickup and operations
 - Limited leaf collection each year
 - Mosquito spraying
 - Specially announced pickups of storm debris
 - Yard-waste drop-off site operations
 - Pickup of public garbage containers
- Acceptable methods of payment in the Utility Business office include cash, check or money order in person or by mail. Electric Rule 9.3
- Alternative Payment Methods by other cash means, including but not limited to credit card payment, electronic payment, or internet payment is authorized subject to implementation and acceptance by the Finance Director. *Electric Rule 9.4 Note: we currently use Point & Pay and they charge a 2.5% convenience fee with a minimum of \$2.00.*

Delinquent Accounts/Disconnect:

- Issuing disconnect/payment reminder notices
- First Disconnect Notice:
 - A ten percent penalty will be applied to all past due accounts. The first notice will be furnished in writing and mailed out the first business day after the due date and after all mail and night drop payments have been processed.
 - The notices shall contain the following information:
 - (1) The proposed date of disconnection;
 - (2) The reason for termination;
 - (3) The amount left unpaid, if any;
 - o (4) The action to be taken to cure the reason for disconnect;
 - (5) The potential reconnection fees such as trip charges;
 - (6) The right of the customer or consumer of the utility to a hearing and an appeal as to any disputed bill or proposed disconnect;
 - (7) The location, business hours, and telephone number of the utility representative that
 may be contacted to pay the bill or otherwise resolve disconnect issues and/or request a
 hearing to challenge the utility's department right to disconnect;
 - (8) That, a consumer of utility services, other than the contracted owner/customer, may avoid disconnection by paying current charges and assuming responsibility for payment of future charges;
 - o (9) That, a tenant has the ability to have the contracted utility placed into their name.

Second Disconnect Notice:

- Next, a second notice shall follow at least five (5) days in advance of the scheduled disconnect date in the same manner and form as the first notice.
- A copy of the second notice will also be mailed to the property owner as a courtesy copy.
- Providing assistance agencies and phone numbers on the back of the disconnect notice and utility bill. *Internal Policy*
- A Promissory Note (payment arrangement) may be signed once every twelve (12) months as per Internal Policy.
 - o In order to assist our Customers, Utility may allow Customers to make payment arrangement to avoid disconnection by signing a Promissory Note and Agreement to Pay. The Promissory Note and Agreement to Pay shall meet all legal requirements as approved by the City Law Director. In the Agreement to Pay, Customer shall acknowledge the debt, the date the payment(s) is due, and waive any further notice of disconnect. No more than one Promissory Note and Payment Agreement shall be permitted in a 12 month period.

The payment date must be at least the day before the current due date. Ex: September bill 09/01/2017 was due 09/18/2017 the arrangement may be signed to pay the bill before the October bill (10/01/2017) is due, which would be before 10/16/2017. The last date would be Friday 10/13/2017.

 Set up an automated payment reminder phone call on the night before disconnect to allow for an additional payment reminder. *Internal Policy* Disconnect Procedures: Electric Rules 12.3

Disconnection of utilities shall not occur on any day which precedes a holiday or weekend, or any other day on which all services necessary to reconnect service are not available.

- The Utility Billing Department will process all night drop and electronic (credit card) payments first thing on shutoff day. (The Utility Billing Department Clerks come in early to help process this in a timely manner) *Internal Policy*
- After all payments have been processed the Utility Billing Department will run a shutoff list and verify each account on the list to be sure the account has not been finaled, there is not a promissory note or assistance from an agency.
- After verifying the list the Utility Billing Department will log a work order for disconnection of electric and/or water services.
- The work orders will be printed and sent to the Service Department along with a list for each employee.
- Reasonable efforts shall include, but not necessarily be limited to, knocking on the door or doors
 of each household at the service premises. If a person desires to pay a delinquent amount to
 avoid disconnect, an employee will give the customer one (1) hour to make arrangements to go
 to the City Utility Department and pay the amount required to avoid disconnection or otherwise
 resolve the disconnect issues. The time to commence from receipt of notice to the employee by
 the delinquent customer of an intent to pay.
- The Service Department employee will notify the Utility Billing Department via business radio letting them know if the customer was disconnected or given one hour. The Utility Billing Department will document if the customer was turned off and note the time if they were given one hour.
- Notice that the utility has been disconnected shall be placed in a prominent place at the entry to
 each service address affected by disconnection. The service employee shall document on the
 service order the efforts made to personally contact the occupants prior to disconnection and
 the delivery of the disconnect notice, including the date and time such acts were performed and
 his/her identity; such documentation shall be retained in the business file kept by the City
 relating to the service premises so affected.
- If disconnection occurs the customer will assessed a reconnection fee as established by the Electric and Water Rules and the reconnection fee needs to be paid before reconnection occurs. The current amount is \$50.00 per trip. Ex: \$50.00 for disconnection trip and \$50.00 for reconnection = \$100.00.
 If the customer was given one hour and they did not pay the crews will be dispatched to disconnect the service. The trip charge for this would be an additional \$50.00 fee. Ex: \$50.00 for

disconnect the service. The trip charge for this would be an additional \$50.00 fee. Ex: \$50.00 for disconnect, \$50.00 for reconnect and \$50.00 for initial first trip giving them one hour to pay. Total would be \$150.00.

Customer Service:

- Answering phone calls or walking in customers
- Problem solving with customer's bills or payments
- Issuing work orders for citizens for services provided to the appropriate department in the city and/or dispatching crews

Payment Methods

Mail Checks and Payment Stub to:

City of Napoleon, Ohio **Utility Billing Department** 255 W. Riverview Avenue PO Box 151 Napoleon, Ohio 43545-0151

Pay in Person 255 W. Riverview Ave.

Napoleon, Ohio Lobby/Office hours: Monday - Friday 7:30 a.m. to 4:00 p.m. Drive up hours: Monday - Friday 7:30 a.m. to 3:45 p.m. **Night Deposit** Available next to Drive up Window

Direct Deduction (ACH)

Debit of checking or savings account. Please contact City Utility Billing Office for more information on this payment method or you can download the form at: www.napoleonohio.com click on City Services then Pay My Utility Bill and on the right side of the page click on the Utility Direct Payment Form button.

Credit Card Payments

Provided by Point & Pay online at www.napoleonohio.com click on Pay My Bill under the Online Services on the Home page or click on City Services then Pay My Utility Bill and Register Account Online Utility Payment button on the right side of the page or you may call 1-866-874-1679. Convenience fees apply and are the customer's responsibility.

Utility Billing Office Phone, Email Contacts and Hours of Operations

Phone: 567-341-4025 Fax: 419-599-8393 Email: utilities@napoleonohio.com Monday - Friday 7:30 a.m. - 4:00 p.m.

For Power Outages please call 1-855-646-1701

After hours Emergencies please call the Police Department at 419-599-2810

Other Telephone Numbers

City of Napoleon Department of Operations 419-599-1891

City Building Administration 419-592-4010

Ohio Utilities Protection Service (OUPS) 1-800-362-2764 or call 8-1-1 before you dig.

Utility Assistance Organizations

The City of Napoleon is providing the following assistance numbers for utility customers in need of financial assistance. The City of Napoleon makes no guarantee of assistance availability at any of these organizations.

Northwest Ohio Community Action

419-599-2481

FISH

419-906-4459

419-599-2769

Salvation Army

St. Vincent's DePaul

419-592-0438

Utility Billing FAQs

Q. How can I terminate my service?

A. You need to come into our office at least 24 hours in advance and sign off on your contract and schedule a final reading for your meter. You are responsible for all usage up to the final reading. Deposit balance, if any, is credited against your final bill.

Q. Where can I pick up a recycling bin?

A. At the City of Napoleon Operations Building at 1775 Industrial Drive.

O. When are the bills due?

A. The bills are normally due on the 16th of the month, unless it is a Saturday, Sunday, Holiday or special circumstance, then the due date is the following business day, or as listed on the bill.

Typical Billing Codes

CCF = 100 Cubic Feet of Water, 1 CCF = 1 unit = 748 gallons. Sewer billing is based on water usage.

ERU = Equivalent Residential Unit, 1 ERU= 3009 sq. ft. of Impervious Surface.

kWh = Kilowatt Hour (1 kilowatt = 1000 watts)

KW = Kilowatt of Demand

Please visit our website at www.napoleonohio.com for additional billing information and explanations.

Understanding Your Bill

- A 10% penalty will be added to the net amount if not paid in full by the due date.
- Failure to receive your bill does not excuse penalty or payment.
- Unpaid bills may result in Utility services being shut off.
- Reconnect/Disconnect fees shall apply per trip.

GENERAL INFORMATION FOR WATER

HIGH USAGE?

- Check ALL toilets and faucets
- > Leaky toilets and faucets are the biggest cause of wasted water resulting in large water bills.
- Leaky hot water faucets result in water and heat loss.

K THRU FOLLOWING DIA. AT 60 PSI		PER MONTH
	1/4"	339,833
	1/8"	98,667
•	1/16"	24,667
	1/32"	8,167

PAYMENT REMINDER / DISCONNECT NOTICE

MUNICIPAL BUILDING BUSINESS HOURS 7:30 A.M. – 4:00 P.M. M -F



CITY OF NAPOLEON, OHIO

255 W. RIVERVIEW AVENUE P.O. BOX 151 NAPOLEON, OHIO 43545-0151 PHONE (567) 341-4025

"DELINQUENT AND DESSCONNECT COMBINED NOTICE" DATE SENT: ACCT. NO.:

SER. ADDRESS:

DISCONNECT REASON:
NON- PAYMENT DUE DATE:
CITY UTILTIES
DISCONNECT DATE:

CURRENT BALANCE DUE:

PAYMENT REMINDER

This Payment Reminder and Disconnect Notice serves two purposes: the first is a **PAYMENT REMINDER** that payment **HAS NOT** been received for your current Utility Bill and should be paid by the payment due date listed or, that you have other reason(s) for the disconnect as stated below. This Notice serves as a **Formal Disconnect Notice** if the reason for disconnect is not satisfied. If you **HAVE** satisfied the reason for disconnect as listed, we thank you and you may disregard this Notice. If you have not satisfied the reason for disconnect, please immediately contact the Department of Utility Collections at 567-341-4025.

NOTICE

Any owned or operated City utility in your name at other locations may also be discontinued by disconnection as a result of non-payment or other just cause.

RECONNECT OR TRIP CHARGE: (\$50.00 each trip – plus - \$40.00 overtime charge if after 3:00pm)

Pursuant to the City's Rules, Terms & Conditions Governing the Sale of Electricity and/or the City's Rules for Water and Sewer Service, Utility(s) are intended to be disconnected on the captioned Disconnect Date.

DISCONNECT NOTICE

You may avoid disconnect by adequately taking care of the reason stated for disconnect. You as a customer or consumer of the utility have a right to a hearing and an appeal as to any disputed bill or proposed disconnect. You may contact a Utility supervisor or other authorized utility representative of the Utility department in person at the location of 255 W. Riverview, Napoleon, Ohio 43545 or by telephoning the department at 567-341-4025 between the hours of 7:30 AM and 4:00 P.M. Monday through Friday, except on City recognized holidays, to either pay the bill or otherwise resolve disconnect issues, whichever is applicable. You may request a hearing to challenge the utility's department right to disconnect, in writing, as discussed below.

Note: Lack of funds for non-payment of amount owed will NOT be considered proper dispute of the bill.

A consumer of utility services, other than the contracted owner/customer, may avoid disconnection by paying current charges and assuming responsibility for payment of future charges or curing any other reason that has been given for disconnect. A tenant has the ability to have the contracted utility placed into their name.

Where a hearing has been requested in writing at least one (1) day prior to the scheduled disconnect, no disconnect will occur until after the hearing officer's decision or order is either personally served on the person that requested the hearing or five (5) business days after mailing of the decision, by U.S. regular mail, to the last known address of the person that filed the request for hearing. Notice shall be given of the right of appeal from a decision of the hearing officer in accordance with the appeal procedure as established in these rules the applicable Rules, Terms & Conditions Governing Sale of Electricity and/or Rules for Water & Sewer Service as adopted by the City.

Disconnection of service for non-payment may not occur when disconnect of service would be especially dangerous to health as certified pursuant to the certification provisions of the above mentioned rules or, when disconnect would make operation of necessary medical or life-supporting equipment impossible or impractical; however, (when available) a limiter may be installed on your service. Customer may, in order to avoid disconnect, enter into and make payment in accordance with an extended payment plan when applicable.

Promissory Notes

"FOLICY ON PROMISSORY NOTES"

Any Utility Customer may request to sign a Promissory Note, if they cannot make full payment on their delinquent amount, once they have received a Notice of Disconnection. The Promissory Note may be signed to allow arrangements to pay a delinquent amount to avoid disconnect. Requests must be made in the form of a signed Promissory Note stating the name of the person promising to pay, the service address, the amount promised to be paid and the date in which they promise to pay. The date in which the person promises to pay must be agreed upon by the Utility Department and must be before the due date of the current Utility Bill. The Promissory Note must be requested and signed before the Date of Termination on the Disconnection Notice, it may not be signed on the day of disconnection.

POLICY CHANGE FOR PROMISSORY NOTE EFFECTIVE OCTOBER 1, 2002

UTILITY BILLING POLICY FOR USE OF PROMISSORY NOTES AND PAYMENT AGREEMENTS

Promissory Notes and Agreements to Pay

In order to assist our Customers, Utility may allow Customers to make payment arrangement to avoid disconnection by signing a Promissory Note and Agreement to Pay. The Promissory Note and Agreement to Pay shall meet all legal requirements as approved by the City Law Director. In the Agreement to Pay, Customer shall acknowledge the debt, the date the payment(s) is due, and waive any further notice of disconnect. **No more than one Promissory**Note and Payment Agreement shall be permitted in a 12 month period.

The customer will need to complete the promissory note filling in the name, address, state, county, amount of disconnect and the date they will be paying. Please have customer sign and date the Promissory Note and also sign and date the printed copied that is logged on their account and file in the appropriate cycle folder.

If the above is agreed to you may log a Promissory Note on the customers account. To Log a Note you will need to bring up the customers account.

Please do the following to Log and Print the Promissory Note:

QM - Log Mail on the Account Click on QM

Click on Log Mail at the bottom of the screen

Tab over to the Letter and type in Agree or use the pull down menu

Enter the Payment Due Date - It must be at least the day before the current due date.

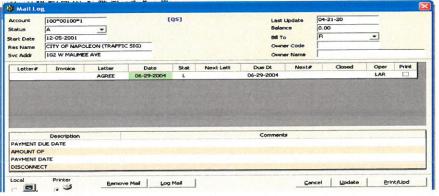
Enter the Amount of – payment to be made on past due amount (amount of past due bill)

Enter the Payment Date – the same date as Payment Due Date

Enter the Disconnect – The date of disconnect, which is the next business day after the Payment Due Date they promissed.

You will need to click on the Box under print so you can now print the letter

Then click on the Print/Update button. This will take you out to Word and you can then click on the printer at the top of the screen. After the letter is printed then close word and then update the account.



PAYMENT AGREEMENT FOR UTILITY BILL FOR THE CITY OF NAPOLEON

ACCOUNT NUMBER: 100*9999*1 PAYMENT DUE DATE: 10-2-17

NAME: Jane Doe PHONE NUMBER: 419-599-1235

SERVICE ADDRESS: 1234 W Main St

In consideration of the City continuing utility service, I (we) the undersigned, jointly and severally, do hereby agree to pay the City of Napoleon, Utility Office, the past due balance of my Utility Bill in the amount of \$ 100.00 . The past due balance is to be paid in full by 10-2-17 . I (we) authorize my (our) utility services to be disconnected on 10-3-17 and waive any further notice of disconnection of which I (we) nonpayment, a charge will be made by the City to recover the cost of disconnecting and reconnecting service. The promissory note dated OCT 06, 2017 is incorporated into this agreement by reference thereto.

I UNDERSTAND THAT I AM ALLOWED ONLY ONE (1) PAYMENT AGREEMENT IN A 12 MONTH PERIOD.

Signature	Utility Representative
elephone/Contact Number	
Date	Date

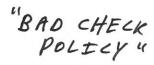
Promissiony Note Example Segned by Customen + Utility Rep.

PROMISSORY NOTE

		\$
		Date
		Account #
For value received,	I (we),	, of (street address)
	(name)	(street address)
		State of Ohio, promise to pay \$
(city)	(county)	
To the order of the Ohio on	City of Napoleon, 255 W. l	Riverview Ave, Napoleon, Henry County,
(payment date)		
Signati	ire	Signature
Dat	е	Date
	Promis Note C By a	impleted

Examples of both letters/forms are attached as follows.

BAD CHECK NOTICE



This form has been provided by the **City of Napoleon Police Department and the Henry County Sheriff's Office** to persons who have received a bad check. This notice is to be mailed by the receiver of the bad check, to be mailed restricted certified. If full payment is not received within ten (10) days of receipt of this notice, then return the check and receipt of notice (signed green card) to the appropriate Law Enforcement Agency having jurisdiction listed above and **criminal charges will be filed.** Maintain a copy of this notice for your files.

DEC 13, 2006

Name (person who issued check)	(date notice sent)
1234 MAIN ST	NAPOLEON, OH 43545-9999
Address (where notice mailed)	
YOUR CHECK NUMBER 12345	WRITTEN IN THE AMOUNT OF \$ <u>100.00 + 25.00</u>
ON ACCOUNT NUMBER 01234567	89 OF THE <u>ANYTOWN BANK</u>
BANK AND ISSUED TOCITY OF	NAPOLEON HAS BEEN RETURNED WITHOUT
SATISFACTORY PAYMENT DUE TO	NON-SUFFICIENT FUNDS AND/OR ACCOUNT BEING CLOSED. PURSUANT TO SECTION
2913.11 OF THE OHIO REVISED CO	DE, YOU ARE REQUIRED TO MAKE SATISFACTORY PAYMENT WITHIN TEN (10) DAYS
AFTER RECEIVING THIS NOTICE O	F DISHONOR. YOU MAY MAKE PAYMENT IN FULL TO CITY OF NAPOLEON UTILITY
DEPARTMENT. PLEASE MAKE PA	YMENT IN CASH OR MONEY ORDER.

FAILURE TO COMPLY WITH THIS NOTICE WILL RESULT IN IMMEDIATE ACTION BEING TAKEN WHICH COULD RESULT IN YOUR ARREST WITH THE FOLLOWING PENALTY OF LAW BEING APPLICABLE:

SECTION 2913.11 ORC STATES:

JANE DOE

If the check or negotiable instrument is for <u>five hundred dollars</u> (\$500.00) or less, whoever violates this section is guilty of passing bad checks, a misdemeanor of the 1st degree. If the check or negotiable instrument is for payment of <u>five hundred dollars</u> (\$500.00), but is less than <u>five thousand dollars</u> (\$5,000.00), passing bad checks is a <u>felony</u> of the 5th degree; if payment is for <u>five thousand dollars</u> (\$5,000.00), but is less than <u>one hundred thousand dollars</u> (\$100,000.00), passing bad checks is a <u>felony</u> of the 4th degree; if payment is for <u>one hundred thousand dollars</u> (\$100,000.00) or more, passing bad checks is a <u>felony</u> of the 3rd degree.

A 1st degree misdemeanor is punishable by IMPRISONMENT FOR NO MORE THAN SIX (6) MONTHS, \$1,000.00 FINE OR BOTH.

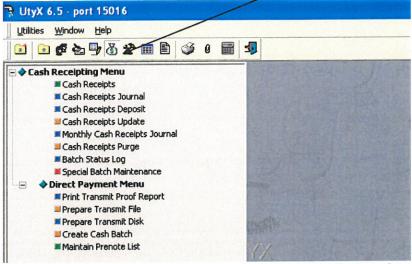
A 5th degree felony is punishable by <u>IMPRISONMENT OF SIX (6) MONTHS TO TWELVE (12) MONTHS, \$2,500.00 FINE OR BOTH</u>, a 4th degree felony is punishable by <u>IMPRISONMENT OF SIX (6) MONTHS TO EIGHTEEN (18) MONTHS, NOT MORE THAN \$5,000.00 FINE OR BOTH</u>, a 3rd degree felony is punishable by <u>IMPRISONMENT OF ONE (1) YEAR TO FIVE (5) YEARS, NOT MORE THAN \$10,000.00 FINE OR BOTH</u>.

Bad Check

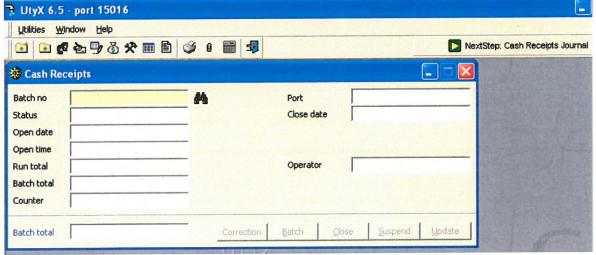
Returned Bad Check Batch

When a check is returned, you will need to start up a new cash batch in UTYX to apply the bad check charges back on the account.

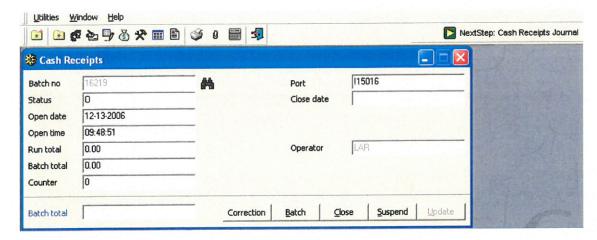
Go to the Cash Receipting Menu and click on the Money Bag symbol and then on Cash Receipts to start a new batch.



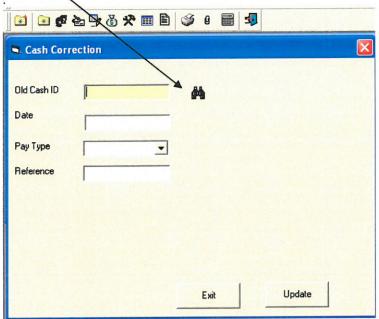
The following screen will appear so you can create the new batch.



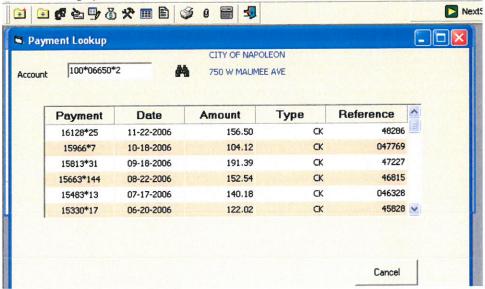
In the Batch no field enter an N and a Batch no will be assigned Click. OK.



Click on the Correction tab and this will allow you to find the batch that the original payment was run through. This will now apply the bad check amount back on the account in the same funds it was taken out of. You may use the binoculars to look up the account if you do not have the information.

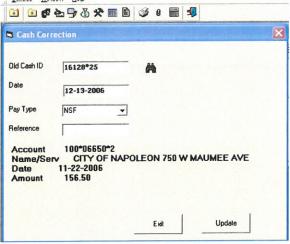


Choose the payment line in the lookup and then double click on amount line that matches your bad check.

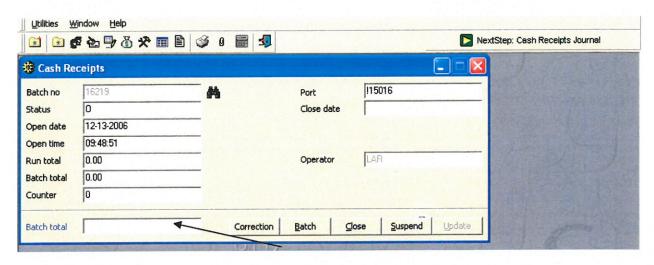


Enter the date (current date). Enter NSF in the Pay Type

Click Update.



After you click on Update the following screen will appear: Authorize Cash Correction Y***



Check the Counter number that you are on and then click on Batch and enter that number and it will bring up the correction transaction. You will need a receipt and to get a receipt click on the Receipt button.

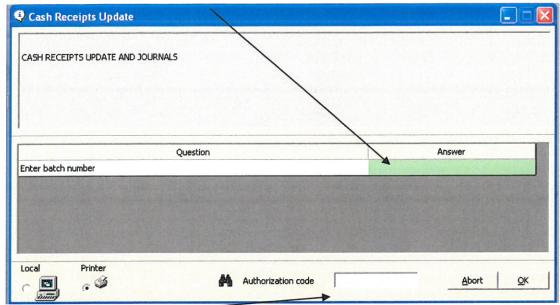
DO NOT CLICK UPDATE!

You will need three copies of the receipt – one to go with your batch, one to go with the bad check and one to go with the back copy of the batch for the Assistant Finance Director.

Enter the negative amount of the bad check in the Batch total field and then click on Close and then Ok.

Click on Cash Receipts Update in the Cash Receipting Menu.

Enter the batch number in the Answer field



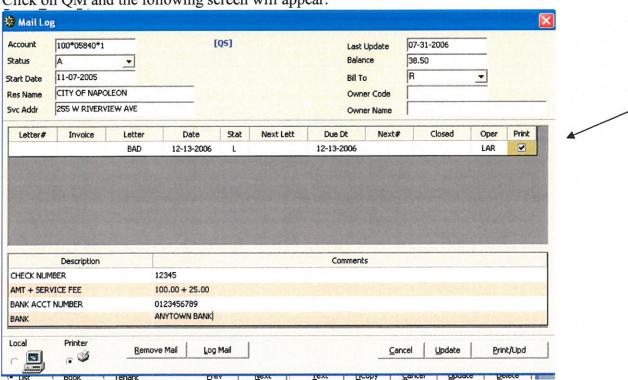
Enter the Authorization code Y^{***} in the Authorization code field and then click OK another screen will appear to update the batch you will need to click on OK.

The journal will print and you will need to make 2 copies of the back page CASH JOURNAL BY DISTRIBUTION Batch # 00000 City of Napoleon FINAL. Give one copy to the Assistant Finance Director, along with a copy of the receipt and one copy of the journal back page to Accounts Payable with the words BAD CHECK written on the back page.

Bad Check Letter

You will need to log two letters on the customers account and mail them to the customer. Enter the customer's account number in the Customer Menu – Master Account Maintenance.

Click on QM and the following screen will appear.



In the pull down menu under the Letter column click or enter BAD and enter through the rest of the fields. Enter the check number in the CHECK NUMBER field.

Enter the Bad Check amount plus \$25.00 in the AMT + SERVICE FEE field.

Enter the Bank Account Number from the Check in the BANK ACCT NUMBER field.

Enter the Bank from the Check in the BANK field.

Make sure the Print Box is checked and the click the Print/UPd and the letter will appear in Word.

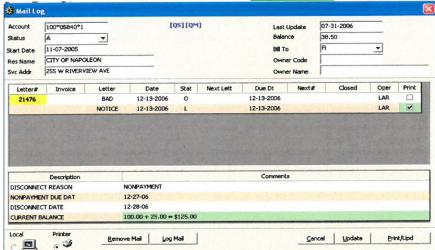
Proof the letter and make sure it has the person who wrote and signed the check in the Name (person who issued check

field if not you will need to correct it now. You will need to print three (3) copies of the letter.

Close. NO to save. UPDATE.

Notice for Bad Check

Now you will need to log (Click on Log Mail Button) the Letter Notice on the account. In the pull down menu under the Letter column click or enter REMINDER and enter through the rest of the fields.



Enter NONPAYMENT in the DISCONNECT REASON.

Enter the due date (14 days from current date) in the NONPAYMENT DUE DATE field.

Enter the disconnect date (15 days from current date) in the DISCONNECT DATE field.

Enter the amount of the bad check ex: 100.00 + 25.00 = \$125.00 in the CURRENT BALANCE field.

Make sure the Print Box is checked and the click the Print/UPd and the letter will appear in Word.

You need to put a Disconnect Notice in the printer and print the first notice (you may need to manually shift things on the letter to make them fit), then change the date from the current date to 7 days later and print the second notice. You will need to make copies of the Notices and keep the copies with the Bad Check. You need to mail the Notice form to the customer listed on the account in an envelope, make sure you mail the first notice on the current day. Put the second notice in contract folder under the date to be sent and you will need to mail it out in 7days if the payment has not been received.

LOG MAIL to Log Envelope (to Print 2 envelopes and the green certified mail slip) You need to mail the Bad Check Notice letter Certified. Fill out a Certified Mail Receipt entering the Postage amount, Certified Fee, Return Receipt Fee, Restricted Delivery Fee and add the above listed and fill in the Total Postage & Fees. Fill in the Sent to information with the person who wrote the back checks name and address. You will need to place the tracking number label on the Domestic Return Receipt under the Article Number. Enter the Name and address of the person who wrote the check and then mark Certified Mail, Registered, Return Receipt for Merchandise and Restricted Delivery mark yes on the PS Form 3811 Domestic Return Receipt. Attach the green card to the back of the envelope and attach the Certified Mail Receipt to the front of the envelope to the right of the return address. Stamp RESTRICTED with the Restricted Stamp on the front of the envelope and back!

Keep a copy of the Bad Check letter and the Reminder letter and file it with the Bad check and green copy from the bank in the Bad Check folder in the filing cabinet at the counter. You will need to do a follow up on the account in 7 days to see if they paid if not mail the next notice and then again in 14 days. If they have not paid you will need to disconnect the electric of the customer.

**For "UNCOLLECT HOLD" checks- give PD copy of "Bad Ck" letter, copy of bad ck and copy of disconnect. Pink Note PD to pickup and they will deliver notice.

The person who wrote the check has 10 days to pay the bad check and fees. This notice is to be mailed by the receiver of the bad check, to be mailed restricted certified. If full payment is not received within ten (10) days of receipt of this notice, then return the check and receipt of notice (signed green card) to the appropriate Law Enforcement Agency having jurisdiction listed above and criminal charges will be filed.

INCOME TAX DEPARTMENT

The department operates under City Ordinance Chapter 193 for tax years 2015 and prior; City Ordinance Chapter 194.

REGISTRATION:

• EVERY RESIDENT OVER THE AGE OF 18 IS REQUIRED TO REGISTER WITH THE CITY INCOME TAX DEPT

WHO MUST FILE:

- EVERY RESIDENT OVER THE AGE OF 18, UNLESS SOLE SOURCE OF INCOME IS RETIREMENT/PENSION OR SOCIAL SECURITY DISABILITY
- RESIDENTS UNDER THE AGE OF 18 MUST FILE IF THERE IS TAX DUE

WHAT IS NEEDED TO FILE:

- W-2'S, W-2 G'S
- 1099'S
- FEDERAL SCHEDULES

WHAT IS TAXABLE INCOME:

- INCOME FROM QUALIFYING WAGES (BOX 5 OF THE W2)
- TIPS
- SALARIES/COMMISSIONS
- THIRD PARTY SICK PAY
- SICK PAY
- SEVERANCE PAY
- 401K
- VACATION PAY
- GROUP TERM LIFE INSURANCE OVER \$50,000
- BONUSES
- INCENTIVE PAYMENTS
- DIRECTOR FEES
- RENTAL PROPERTY
- FARM INCOME
- BARTERING
- SUB-PAY
- STRIKE PAY
- JURY PAY
- MOVING ALLOWANCE INTO NAPOLEON
- LOTTERY WINNINGS
- GAMBLING WINNINGS
- HOUSING ALLOWANCE
- CASH PAYMENTS FOR WORK PERFORMED

WHAT IS NON -TAXABLE INCOME:

- INTEREST
- DIVIDENDS
- UNEMPLOYMENT
- WORKER'S COMP
- CHILD SUPPORT
- ACTIVE DUTY PAY
- ALIMONY
- SOCIAL SECURITY
- RETIREMENT/PENSION BENEFITS
- 125 PLAN

HOW TO OBTAIN INCOME TAX FORMS:

- CITY OF NAPOLEON INCOME TAX OFFICE (LOCATED IN THE ADMINISTRATION BUILDING ON W RIVERVIEW AVE)
- CITY OF NAPOLEON WEBSITE
- NAPOLEON PUBLIC LIBRARY
- VARIOUS TAX PREPARERS

WHERE TO FILE:

- CITY OF NAPOLEON INCOME TAX OFFICE
- CITY OF NAPOLEON WEBSITE ON-LINE FILING
- VARIOUS TAX PREPARERS

TAX RETURN EXAMPLE

CREDITS FOR TAXES PAID:

- NAPOLEON TAX WITHHELD
- CREDIT FOR TAXES PAID TO OTHER CITIES UP TO NAPOLEON'S TAX RATE OF 1.5%
- ESTIMATE PAYMENTS
 - MANDATORY IF MORE THAN \$200 IN TAXES WILL BE OWED
 - MUST BE FILED AND PAID QUARTERLY
 - 15% PENALTY IF NOT FILED AND PAID

PENALTIES:

- FAILURE TO FILE:
 - \$25 PER MONTH FOR EVERY MONTH LATE, UP TO \$150
- FAILURE TO PAY:
 - LATE PAY PENALTY OF 15%

O INTEREST (2016 .42% PER MONTH, 5% ANNUAL)

CRIMINAL / CIVIL CHARGES:

- FAILURE TO FILE MAY RESULT IN:
 - o 1ST DEGREE MISDEMEANOR
 - o 6 MONTHS JAIL AND/OR \$1000 FINE
- FAILURE TO PAY MAY RESULT IN:
 - CIVIL COURT CHARGES FILED AGAINST YOU
 - WAGE / BANK ACCOUNT GARNISHMENT



City of Napoleon, Ohio

255 West Riverview Avenue, P.O. Box 151 Napoleon, OH 43545 Telephone: (419) 599-1235 Fax: (419) 599-8393 www.napoleonohio.com

Memorandum

To:

City Council, Mayor, City Law Director, City

Manager, Department Supervisors, Newsmedia

From:

Gregory J. Heath, Finance Director/Clerk of &H.

Council

Date:

October 05, 2017

Subject:

Municipal Properties, Building, Land Use and

Economic Development Committee -

Cancellation

The regularly scheduled meeting of the Municipal Properties, Building, Land Use and Economic Development Committee for Monday, October 9, 2017 at 7:30 pm has been *Canceled*.



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

cc:

Date: October 5, 2017

Subject: Board of Zoning Appeals – Cancellation

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



City of Napoleon, Ohio

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

Memorandum

To: Planning Commission, City Council, Mayor, City

Law Director, City Manager, Department

Supervisors, Newsmedia

From: Gregory J. Heath, Finance Director/Clerk of

Council

cc:

Date: October 5, 2017

Subject: Planning Commission – Cancellation

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

FW: Spec Building "Ground Breaking"

From: tsheaffer1@gmail.com 10/06/17 09:59 AM

To: "Roxanne Dietrich" <rdietrich@napoleonohio.com>

Cc: "Joel Mazur" < jmazur@napoleonohio.com >, "Gregory J Heath" < gheath@napoleonohio.com >, "Billy Harmon"

<bharmon@napoleonohio.com>

Hi Roxanne,

Can you put this notice in the packet and schedule Council for the groundbreaking of the spec building for 6p on 10/16? If there are any committees that are supposed to me meeting at that time, let me know and we can move them around.

Thanks, Travis

From: Jennifer Arps [mailto:jarps@henrycountyed.com]

Sent: Thursday, October 5, 2017 11:48 AM

To: Jason Maassel < jmaassel@napoleonohio.com>; Dan Baer < dbaer@napoleonohio.com>; Dan Baer

<dbaer@henrycountyfamilycourt.com>; Travis Sheaffer <tsheaffer1@gmail.com>

Subject: Spec Building "Ground Breaking"

Good morning Gentlemen,

The CIC would like to coordinate a "Ground Breaking" photo to be taken out at the spec building site and would invite you, as well as any/all other council members to attend. We would like to try to schedule this for Monday, October 16th and possibly before your council meeting, possibly 6-6:15pm. Our thoughts were that it might work out with everyone's schedule to have it during this time. However, if you see an issue with the time, please let me know and suggest a different time. Sean's building is to be delivered on the 13th, so there should be some activity with that on the 16th. We will also invite the Chamber as well as the CIC's board members/Development Committee. Obviously we will keep an eye on the weather and adjust accordingly if need be.

Kind Regards,

Jennifer Arps

Administrative Assistant



104 E. Washington Street Suite 301 Napoleon, OH 43545

Phone: 419-592-4637 Direct: 419-591-3427

Email: jarps@henrycountyed.com

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September 29, 2017

Metz receives Seven Hats Award

By Marc Gerken, PE - president/CEO



Bruce Metz, village administrator for the Village of Jackson Center, is the 2017 recipient of the Seven Hats Award.

Metz has occupied his current position as village administrator for five years, but has served the village for nearly 40 years after joining as a member of the streets department. He is involved in all areas of the village and community - he has served in the streets and water and wastewater departments and frequently visits job sites to check on progress. He also actively participates in monthly safety meetings and quarterly electric-specific training activities.

In the community, Metz assists the basketball programs at the Jackson Center middle and high schools, and has served as a volunteer firefighter for the past 24 years - including eight years as chief of the fire department. Jackson Center Mayor Scott Klopfenstein noted, "Metz has a contagious work ethic that shows people to not only work hard, but to have fun doing it."

The AMP Seven Hats Award was initiated in 1984 to recognize utility managers who serve smaller communities of less than 2,500 meters, and whose management duties extend well beyond the scope of a manager in a larger system. Award winners show skill in seven areas: planning and design, administration, public relations, field supervision, accounting, personnel or employee direction, and community leadership.

Please join us in congratulating Bruce.

AMP/OMEA Conference features informative sessions

By Marc Gerken, PE

More than 400 representatives from member communities, AMP staff and municipal electric partners attended the 2017 AMP/OMEA Conference held in Columbus this week. Featured speakers included Delia Patterson, acting senior vice president of advocacy and communications and general counsel of the American Public Power Association; Amy Myers Jaffe, executive director at the University of California and a leading expert on global energy policy; and Dr. Dale Meyerrose, president of MeyerRose Group, LLC, and a preeminent information

Save the date

2018 AMP/OMEA Conference Sept. 24-27, 2018 Cleveland, Ohio

technology and cybersecurity strategist. Conference sessions provided attendees the opportunity to learn about AMP projects, industry trends, technological changes and state and federal legislation.

In addition to the events and sessions, AMP, OMEA, MESA, the OMEGA JVs and the AMP project participants held membership meetings throughout the four-day conference. I would like to thank all who participated in this year's event. I look forward to seeing everyone at the 2018 conference.

AMP awards recognize member utilities and officials

By Marc Gerken, PE

Member utilities and officials were recognized at the 2017 AMP/OMEA Conference through the AMP awards program.

Board members who were recognized for service and completion of the current term are:

- AMP Board of Trustees Mike Dougherty, City of Cuyahoga Falls; Dave Filippi, City of Dover; Joel Mazur, City of Napoleon; Bill George, Village of Newton Falls.
- OMEA Board of Directors Mayor Douglas Johnson, City of Bryan; Mayor Terry Pugh, City of St. Clairsville; Mayor Pat Hale, City of Tipp City; Mayor Kathy Cocuzzi, City of Westerville.

Communities that were honored with AMP awards include:

Finance Awards

- Highest Credit Score Population more than 5,000 Westerville with a score of 105 percent
- Highest Credit Score Population less than 5,000 Clinton with a score of 98 percent.
- Most Improved Credit Score Edgerton with a 40 percent improvement.
- Financing of the Year Borough of Ephrata for the AMI Project financed through AMP.

Innovation Awards

Honorable Mention: Monroeville Electric Department for Distribution System Automation.

System Improvement Awards

- Versailles for the Circuit #1 12kV Conversion and Substation Improvements.
- Dover for the 69Kv East Circuit.
- Honorable Mention: Columbiana for the North and South Voltage Conversions.
- Honorable Mention: St. Clairsville for the Ault Drive Rebuild.
- Honorable Mention: Yellow Springs for the Remote Meter Change-Out Project.
- Honorable Mention: Orrville for the Boiler #13 Fuel Conversion Project.
- Honorable Mention: Wapakoneta for the 69kV Line Rebuild.
- Honorable Mention: Wadsworth for the ODOT State Route 94 Widening Project.

Public Power Promotion Awards

- Coldwater Board of Public Utilities for promotion of its RP3 designation.
- Cuyahoga Falls Electric System for the Small Commercial Energy Efficiency Program.
- Dover Light and Power for promotion of Public Power Week.
- · Orrville Utilities for its new utilities website.

Electric System Sustainability Awards

- Cuyahoga Falls Electric System for the Energy and Sustainability Leadership Plan.
- Dover Light and Power for the Boat Dock LED Lighting Project.
- Orrville Utilities for the LED Street Light Replacement.

Members receive safety awards and commendations

By Michelle Palmer, PE - vice president of technical services

AMP presented awards and commendations to a number of member communities during the 2017 AMP/OMEA Conference Safety Awards on Sept. 27. Safety awards are given to communities that had no time loss due to reportable accidents or injuries.

In the generation category, awards were presented to Bryan Municipal Utilities and Orrville Utilities.

In the **transmission and distribution category**, awards were presented to Berlin (Md.) Electric Utility Department, Bryan Municipal Utilities, Borough of Ephrata Electric Division, Jackson Center Municipal Electric, Village of Minster Electric Department, St. Clairsville Light and Power, and Wapakoneta Electric Department.

Safety commendations for transmission and distribution were given to Cuyahoga Falls Electric System, Dover Light and Power, Hudson Public Power, Orrville Utilities, and City of Wadsworth Electric and Communications.

AMP Hard Hat Safety Award winners will be announced in their community and presented with an award at a later date. Member utilities with 2017 Hard Hat Award winners are: Berlin (Md.) Electric Utility Department, Bryan Municipal Utilities, Cuyahoga Falls Electric System, Dover Light and Power, Borough of Ephrata, Monroeville Municipal Light and Power, Orrville Utilities, St. Clairsville Light and Power, City of Wadsworth Electric and Communication, City of Westerville Electric Division and Village of Yellow Springs.

Mutual Aid Commendations were given to: Hudson Public Power, Oberlin Municipal Light and Power, and Orrville Utilities for providing assistance to the Village of Newton Falls; Piqua Power System for providing assistance to Dayton Power and Light; Shelby Division of Electricity and Telecommunications for providing assistance to the Village of Lucas; Hamilton Department of Electric for providing assistance to the Village of Eldorado; Bryan Municipal Utilities, Montpelier Municipal Utility, and Napoleon Light and Power for providing assistance to the Village of Pioneer; and Bryan Municipal Utilities, Montpelier Municipal Utility, Napoleon Light, and Power and Pioneer Light Department for providing assistance to the Village of Holiday City.

Congratulations to all award winners and thank you for your dedication and service.

AMP holds elections, re-elects leadership

By Marc Gerken, PE

The AMP general membership held its annual meeting during the 2017 AMP/OMEA Conference on Sept. 27. There were four expiring at-large seats on the 21-member AMP Board of Trustees. Members reelected were Cuyahoga Falls, Dover and Napoleon, and the Village of Wellington was elected to the Board.

Following the general membership meeting, the Board held its reorganizational meeting and re-elected Steve Dupee, Wellington Village Manager, as chair; Jeff Brediger, City of Orrville director of utilities, as vice chair; Kevin Maynard, City of Bryan director of utilities, as secretary; and Pat McCullar, DEMEC president/CEO, as treasurer.



Steve Dupee, chair



Jeff Brediger, vice chair



Kevin Maynard, secretary



Pat McCullar, treasurer

OMEA holds elections, names nine honorary members

By Jolene Thompson - executive vice president/OMEA executive director

The Ohio Municipal Electric Association (OMEA) held its general membership meeting Sept. 27 during the 2017 AMP/OMEA Conference and re-elected the communities of Bryan, Tipp City and Westerville to

serve on the Board of Directors, and elected Wapakoneta to a seat on the Board. Bryan is represented by Mayor Doug Johnson; Tipp City is represented by Mayor Pat Hale; Westerville is represented by Mayor Kathy Cocuzzi; and Wapakoneta will be represented by Mayor Tom Stinebaugh.







Mayor Doug Johnson



Mayor Pat Hale



Mayor Tom Stinebaugh

The OMEA general membership selected 10 new honorary members:

- City Councilman Scott Broadwell, who served Oberlin for nine years and OMEA for seven years, will retire after his term on City Council expires at the end of this year.
- Larry Fisher, former superintendent for the City of Jackson who passed away in August 2017, following 21 years of service to the city.
- Pat Hale, mayor of Tipp City who served on the OMEA Board for five years will be leaving council after his term on City Council expires at the end of this year.
- Kelly Hephner, director of finance for the Village of Montpelier, who plans to retire in early 2018.
- Doug Johnson, mayor of Bryan who served on the OMEA Board since 2001, including seven years
 as a member of the OMEA Executive Committee, will retire after his term on City Council expires at
 the end of this year.
- Buck Stoiber, retired as superintendent in July 2017 following more than 36 years of service to the Village of Elmore.
- Timothy Tarulli, former City of Dover safety director, human resources director and city council member for 20 years, including six years as president of council, before he passed away in August 2017.
- Jim Salsbury, former lineman and Board of Public Affairs member in the City of Bryan who will retire when his term expires at the end of this year.
- Al Horn, former member of the Bryan Board of Public Affairs.
- Bill Zigli, former deputy commissioner of Cleveland Public Power until he retired in May 2017.

AMP projects, JVs hold elections

Leadership elections were held for AMP projects and joint ventures at the 2017 AMP/OMEA Conference on Sept. 25-28. The election results are listed below.

Solar Phase 1: Fred Rowe, Waynesfield, chair; Joel Mazur, Napoleon, vice chair

JV6: Brian O'Connell, Bowling Green, chair; Michael Dougherty, Cuyahoga Falls, vice chair; Robert Patrick, Wadsworth, treasurer; Joel Mazur, Napoleon, secretary

JV5: Michael Dougherty, Cuyahoga Falls, chair; Brian O'Connell, Bowling Green, vice chair; Robert Patrick, Wadsworth, treasurer; Steve Dupee, Wellington, secretary

JV1: Michael Dougherty, Cuyahoga Falls, chair; Harold Kasten-Krause, Lodi, vice chair; Robert Patrick, Wadsworth, treasurer; Steve Dupee, Wellington, secretary

JV2: Joel Mazur, Napoleon, chair; Michael Dougherty, Cuyahoga Falls, vice chair; Jeff McHugh, Painesville, treasurer; Brian O'Connell, Bowling Green, secretary

JV4: Kevin Maynard, Bryan, chair; Dawn Fitzcharles, Edgerton, vice chair; Kevin Brooks, Montpelier, treasurer; Al Fiser, Pioneer, secretary

AFEC: Paul Beckhusen, Coldwater, chair; Ivan Henderson, Cleveland, vice chair

MESA: Robert Patrick, Wadsworth, chair; Jeff McHugh, Painesville, vice chair; Dawn Fitzcharles, Edgerton, treasurer; Steve Dupee, Wellington, secretary

Hydro Phase I: Jeff Brediger, Orrville, chair; Steve Dupee, Wellington, vice chair

Hydro Phase II - Meldahl: Jim Logan, Hamilton, chair; Brian O'Connell, Bowling Green, vice chair

Hydro Phase II - Greenup: Jason Grey, Danville, chair; Brian O'Connell, Bowling Green, vice chair

Prairie State: Ed Krieger, Piqua, chair; Jeff Brediger, Orrville, vice chair

Solar Phase II: Brian O'Connell, Bowling Green, chair; Kimberly Schlichting, DEMEC, vice chair

Brooks named Wall of Fame recipient

Keith Brooks, retired legislative counsel to OMEA, was named the 2017 AMP Wall of Fame recipient during the Awards Banquet on Sept. 27 at the AMP/OMEA Conference.

Brooks served as the OMEA's legislative counsel and represented Ohio municipal electric communities before state policymakers and industry stakeholders for more than 30 years until his retirement at the end of last year. Keith's leadership and strategic guidance throughout his career benefited all of Ohio's municipal electric communities and AMP. Keith was engaged in numerous legislative battles before the Ohio General Assembly, including historic energy-related legislation, numerous state budget bills and countless other legislation. His leadership and strategic guidance helped



put public power on the map and gave AMP and OMEA credibility at the Ohio Statehouse. It is not an overstatement to say that many of the legislative successes that AMP and OMEA have enjoyed can be traced back to the counsel and advocacy provided by Keith Brooks.

The Wall of Fame program was launched in 2010 to honor individuals who have made significant contributions to AMP, the OMEA and to public power in member communities. Brooks joins 22 other Wall of Fame inductees.

Congratulations, Keith, and thank you for your contributions to AMP, the OMEA and public power.

Transmission cost review: More oversight needed for supplemental transmission projects

Transmission rates across the PJM Interconnection (PJM) territory have increased dramatically from 2011 to 2017, in some areas by more than 475 percent. These findings are part of a review released today by American Municipal Power, Inc. (AMP), which also documents a troubling lack of oversight of supplemental electric transmission projects.

During the AMP/OMEA Conference, Dr. Ken Rose, a nationally-recognized expert in the structure, regulation and economics of U.S. energy markets, presented his findings regarding transmission projects across PJM. From May 2011 through May 2017, the annual revenue requirement (the actual cost for transmission owners to provide transmission service plus a return on their capital investment) for transmission enhancement projects increased by 294.5 percent. He also found that through 2012 there was approximately \$21.3 billion of PJM in-service or planned baseline and network upgrades compared to \$6.8 billion in supplemental transmission projects. Since 2012, there have been approximately \$12.7 billion in supplemental projects compared to \$11.6 billion of PJM in-service or planned baseline and

network upgrades. This means there were more transmission projects proposed without any true oversight than within the established PJM planning process. With the exception of 2016, the amount of supplemental transmission projects has steadily increased each year.

AMP staff are preparing materials to share with members to participate in efforts to gain more transparency and true oversight of supplemental transmission projects. Please look for those materials to be available through the member extranet next week.

To view the full release and Rose's review click here.

Energy markets update

By Jerry Willman - assistant vice president of energy marketing

The October 2017 natural gas contract decreased \$0.044/MMBtu to close at \$3.017 yesterday. The EIA reported an injection of 58 Bcf for the week ending September 22 was below market expectations compared to the Bloomberg estimate of 67 Bcf. Gas in storage now stands at 3,466 Bcf. This is 1 percent over the five-year average of 3,425 Bcf. Gas in storage for this week one year ago was 3,593 Bcf.

On-peak power prices for 2018 at AD Hub closed yesterday at \$36.32/MWh which was \$.17/MWh higher for the week.

On Peak	(16 hour)	prices int	o AEP/Day	yton hub
Week ending MON \$91.24	g Sept. 29 TUE \$56.30	WED \$47.74	THU \$31.16	FRI \$28.59
Week ending MON \$40.11	g Sept. 22 TUE \$39.17	WED \$46.66	THU \$51.18	FRI \$65.87
AEP/Dayton 2018 5x16 price as of Sept. 27 — \$36.32 AEP/Dayton 2018 5x16 price as of Sept. 21 — \$36.15				

AFEC weekly update

By Jerry Willman

Fremont plant operated in 2x1 configuration for the week. High PJM LMP prices and warm temperatures again dominated this past week helping to keep the plant on-line without cycling off-line. The plant operated close to its economic minimum during the off peak hours and ramped up to its max output during the peak hours. Duct firing operated for 84 hours this week. The plant generated at a 75 percent capacity factor (based on 675 MW rating).

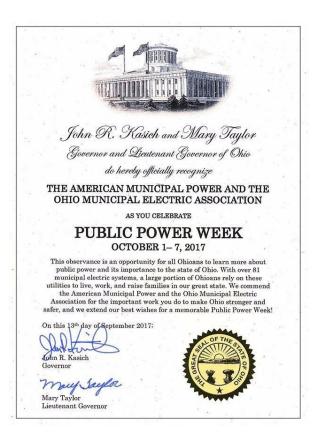
Public Power Week 2017: Oct. 1-7

By Holly Karg, director of media relations and communications

Public Power Week starts Oct. 1 and we hope you have exciting events planned to celebrate this annual event. In Ohio, Gov. John Kasich officially

recognized Oct. 1-7 as Public Power Week with a resolution that states: "This Observance is an opportunity for all Ohioans to learn more about public power and its importance to the state of Ohio. With over 81 municipal electric systems, a large portion of Ohioans rely on these utilities to live, work and raise families in our great state. We commend American Municipal Power and the Ohio Municipal Electric Association for the important work you do to make Ohio stronger and safer, and we extend our best wishes for a memorable Public Power Week!"

AMP would like to hear how members are celebrating Public Power Week. Please send information, including photos to me at hkarg@amppartners.org or 1111 Schrock Road, Suite 100, Columbus, Ohio 43229. For more information on Public Power Week, visit the American Public Power Association website.



PJM market sees highest day ahead prices since February 2015

By Mike Migliore, vice president of power supply and marketing

A combination of hot and humid weather combined with the start of generator outage season led to a wild eight-day stretch of above normal prices in PJM. After seeing only eight days above 90 degrees during the summer, Columbus added another six days above the 90 mark this month. The relatively mild summer had kept power prices in check with only two hours in July eclipsing the \$100 / MWh level. The highest day-ahead price in August was \$64 / MWh.

For the Sept. 19-27 period, day-ahead prices at the AEP/Dayton Hub exceeded \$64 on 35 hours including six of those hours on the weekend. Day-ahead prices were the highest on Monday Sept. 25, when AEP and FirstEnergy reached \$235 / MWh at 5 p.m., while the Duke zone price was \$347 / MWh for the same hour.

The real-time market first showed signs of the generation shortage on Sept. 20 and then took off on Sept. 21. On Sept. 21, prices jumped over \$100 / MWh after noon and then topped \$700, \$300 and \$500 / MWh for the 3, 4 and 5 p.m. hours. The Duke zone was the PJM area with the biggest shortfall. For the week, the highest price in Duke was \$885 / MWh at 3 p.m. on Sept. 21 in the real-time market. AMP and members ran many of their gas turbines during the week to protect against the high prices and potential transmission 1CPs. No new 1CPs were set in September however.

Market prices returned to normal on Sept. 28 as temperatures dropped back to the 70's.



Classifieds

Staff Engineer needed in Napoleon

The City of Napoleon is currently accepting applications for the position of Staff Engineer/ Licensed Staff Engineer. This position is primarily responsible for engineering design and construction inspection. Graduation from an accredited engineering school of recognized standing with a Bachelor of Science in Civil Engineering (B.S.C.E.) or related field is required. Applicants must also possess, or be able to obtain within one year, a Fundamentals of Engineering (F.E.) or Engineer in Training (E.I.T.) certificate or a Professional Engineer (P.E.) license.

A valid State of Ohio's Driver's license is required. Applications may be obtained between 7:30 a.m. - 4 p.m. from the City of Napoleon's Administration Building, 255 W. Riverview Ave., P.O. Box 151, Napoleon, OH, 43545, or from the website at www.napoleonohio.com. A properly completed notarizedapplication must be returned to the above address by 4 p.m. on Wed., Oct. 11 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.

The Village of Carey is seeking applications for a qualified full-time electrical line utility worker; responsible for operation and routine maintenance of the village electrical distribution system. Applicant must possess a high school diploma or GED and a valid class B, CDL license with air brakes, or obtain same within 6 months of hire date. Knowledge of overhead and underground primary distribution lines required. May require pole climbing and operation, and use of a bucket truck, digger truck, trencher or other required equipment. Position requires a 30-minute response time to Call Out emergencies, and 24/7 carry of a village issued cell phone for safety and troubleshooting, includes holiday and weekends hours, and standby time in rotation with other department members.

Position requires varied duties to include but not limited to: snow removal, tree trimming for power lines, and other general maintenance duties. Any of the above may require working in inclement weather.

Applications may be obtained at the village offices, 127 N. Vance St., Carey, OH 43316, weekdays from 8 a.m. till 5 p.m. Candidates should return completed applications with a resume and any supporting documentation helpful in consideration for employment to the attention of the Village Administrator. EOE / Drug testing / Pay commensurate with certifications. Applications will be accepted until position filled.

Arcanum seeks water/wastewater operator 1

The Village of Arcanum Utility Department is now accepting applications to fill a vacancy for water/wastewater operator 1. Duties include operating and maintaining electrical generation facilities, monitoring water/sewer facilities, and performing physical labor within the Village Utility Department as needed.

Requirements include a high school education, Water Supply License and Wastewater Works License 1, a valid Ohio driver's license, and possess a class B CDL endorsement or obtain within 6 months of employment.

Applications are available at the City Building located at 104 W. South Street, Arcanum, Ohio 45304 or www.villageofarcanum.com. Job applications are not kept on file beyond six months, so any previous applicants are encouraged to re-apply. EOE.

DEMEC member seeking director of electric

The City of Newark, Delaware, is seeking a dynamic leader to fill the director role in the Electric Department. This is a management position under the direction of the City Manager. This position serves as the executive head of the department; performs professional electrical engineering work, and is responsible for the efficient and effective planning, organization, direction, budgeting and supervision of Department employees and programs. The electric department is the largest of the City's four (4) enterprise fund operations, with 12,000+ metered accounts and \$53 million in gross revenue sales across an approximately 10 square mile service area.

Ideal candidate will possess experience in electric distribution and operations; a bachelor's degree in electrical engineering; and a Delaware PE license or ability to obtain in less than two years from hire. Candidate shall also demonstrate both strong written and verbal interpersonal skills, be proficient in Microsoft suite of applications and have the ability to learn proprietary software systems. Prior work experience in municipal operations a plus and demonstrated leadership and managerial skills are essential with availability during service outages. Starting salary range of \$104,278 - \$131,946 plus excellent fringe benefits.

Interested individuals can review a full job description online and must complete an application at www.newarkde.gov/jobs by 4 p.m. Fri., Oct. 6. EOE.

Oak Harbor has Hershey water meters for sale

The Village of Oak Harbor is selling the following items:

- 1. Hersey Water Meters Model 420 Quick Connect (Lot of 32) Pit Style - BRAND NEW \$800.00
- 2. Hersey Water Meters Model 420-Direct Wire (Lot of 256) In-home Style BRAND NEW \$6,400.00

Please contact Jerry Buhrow, operations manager, Department of Public Works at 419.898.1823 or at jburhow@oakharbor.oh.us

Opportunities available at AMP

AMP is seeking applicants for the following position:

Director of Generation Optimization and Reporting Power Supply Planning Engineer I Senior Electrical Engineer

For complete job descriptions, please visit the "careers" section of the AMP website.

American Municipal Power, Inc.

STAY CONNECTED







www.amppartners.org







OML UPDATES: AT-A-GLANCE

We'd like to introduce a new feature to our legislative bulletin: OML Updates At-A-Glance. We will be starting our legislative bulletin with three main points we want our readers to know, whether it will be a fact from the past week or information on something in the future. We hope this quick, concise summary is helpful and informative for our readership.

Here are some issues the League staff think are important for our members to be aware of:

- Ohio's unemployment rate increased by 5,200 from July to August, thought there was an increase in private sector jobs by more than 11,100. However, Government jobs decreased by 5,900, including a drop by 4,500 in trade, transportation and utilities jobs.
- According to the Ohio Department of Taxation's "Tax Expenditure Report for Fiscal Years 2016-2017", Ohio will forego nearly \$8.9 billion in revenue in Fiscal Year 2017. That statistic included in the just-released 2020 Tax Policy Study Commission report, which discuss in this bulletin.
- The Department of Justice (DOJ) has announced they will be awarding \$24 million in federal grants to 50 local government to create comprehensive alternatives to incarceration programs for those impacted by the opioid epidemic. Read more about these grants below.

October 6, 2017

NEW LEGISLATION SEEKS TO PREEMPT MUNICIPAL TAXATION/REGULATION OF "AUXILIARY CONTAINERS"

A new bill was introduced this week that preempts municipal authority to regulate and tax what are known as "auxiliary containers." SB 210, sponsored by Sen. Coley (R - Liberty Township) and Sen. Eklund (R - Munson Township), would authorize a person to use an auxiliary container for any purpose, to prohibit a municipal corporation from imposing a tax or fee on auxiliary containers, and to clarify that the existing antilittering law applies to auxiliary containers.

"Auxiliary container" is defined in bill as a bag, can, cup, food service item, container, keg, bottle or other packaging wither single use or reusable that is designed for consuming, transporting or protecting merchandise, food, or beverages. The bill prohibits a municipality from imposing any taxes, fees, assessments or other charges on the sale, use or consumption on auxiliary containers.

The Ohio Municipal League maintains that under Home Rule authority, Ohio municipalities should retain the authority to regulate and tax auxiliary containers within their jurisdiction as deemed best by that local government, and we stand opposed to any preemption on those Home Rule rights. We will be tracking this legislation carefully, and encourage our members to look for opportunities to testify on this bill as well as to call their legislator to inform them of municipal opposition to this bill.

BILL TO ELIMINATE SOVEREIGN IMMUNITY CONTINUES MOMENTUM

HB 267, which we have covered in previous legislative bulletins, has received two hearings in the House Civil Justice Committee over the past few weeks. The bill, sponsored by Rep. Ingram (D - Cincinnati) would essentially eliminate immunity for political subdivisions in the case of a motor vehicle accident except for the instance where someone wrecks as a result of being pursued by local law enforcement officers. The bill analysis can be found HERE.

The bill was introduced because of an incident in Cincinnati when a car was struck by a Cincinnati Police Department vehicle.

In the event the bill receives another hearing, League staff is asking our members to provide verbal or written testimony opposing the bill to help the state legislature understand the devastating effect the total removal of sovereign immunity would have on our municipalities. There are unseen, unanticipated consequences that would happen if this legislation were to become law, from ambulances to playgrounds. We ask that you call your legislators and inform them of your opposition to this bill. Please contact Director of Communications Ashley Brewster at abrewster@omlohio.org if you have questions about testifying or regarding how to get in touch with your legislator.

BILLS OF MUNICIPAL INTEREST

The House was in recess this and only a handful of Senate committees held hearings. Two bills with impact to municipalities had hearings, one of which was SB 195, which deals with vicious dogs and is addressed in greater detail next in this bulletin. The other was HB 96, sponsored by Rep. Cupp (R - Lima), which requires a municipality to reimburse a township for fire and EMS services if the township is the sole provider of fire and EMS services within a TIF district with the municipality. During its fourth hearing in the Senate Ways and Means Committee, the bill received no oral testimony. Written opposition testimony from the Building Industry Association of Central Ohio was provided to the committee.

Additional bills of municipal impact that were introduced this week include:

- SB 208, sponsored by Sen. Terhar (R Cincinnati), would allow a law enforcement officer or investigator, whether on or off duty, to carry a weapon on certain premises open to the public.
- HB 371 Rep. Merrin (R Monclova Township), would exempt from property taxation the increased value of land subdivided for residential development until construction commences or the land is sold.

We will be tracking these bills throughout the legislative process, and we will be informing our members of their progress and when opportunities for testimony arise.

NEW BILL GIVES LOCAL GOVERNMENTS MORE TOOLS IN DEALING WITH VICIOUS DOGS

SB 195, sponsored by Sen. Beagle (R - Tipp City) and Sen. Lehner (R - Kettering), revises provisions of the dog law governing nuisance, dangerous, and vicious dogs, revises the enforcement of that law, and establishes a notification process regarding complaints of certain violations of that law. SB 195 received sponsor testimony in the Senate Judiciary Committee. Sponsor Sen. Beagle said during testimony, "the legislation strives to give local authorities the tools they say they need to address problem dogs and their owners, without punishing those that are not a serious threat to the community."

The bill's provisions include a requirement that all calls to a dog warden to lead to an investigation or follow-up, clarifies that dog wardens have arrest authority, allows witnesses to provide a notarized affidavit in the event of a dog attack, requires dogs deemed to be dangerous to be registered and extends the amount of time violent felons cannot own dogs to five years.

This legislation helps local governments by giving them more tools to prosecute and even prevent vicious dog attacks. By granting dogs wardens arrest authority and providing clearer definitions, local authorities like judges, police and prosecutors will be provided more tools and guidelines to equip them as they handle vicious dog cases. The legislation has been derived from conversations the Senator has had with local governments. "All of these changes come from requests from local authorities and those in the field," said Sen. Beagle.

We will be tracking this bill as it moves through the legislative process and update our members on its progress, any changes, and whether there will be opportunities to offer testimony.

OHIO SUPREME COURT RULES SUPPLEMENTAL EXECUTIVE RETIREMENT PLANS (SERP) CAN BE EXCLUDED FROM MUNICIPAL TAXATION

This week, the Ohio Supreme Court has ruled in *MacDonald v. Cleveland Income Tax Board of Review* that Ohio municipalities that exclude "pensions" from city income tax cannot require taxation of supplemental executive retirement plans (SERP). This is despite the fact the Internal Revenue Service (IRS) treats SERPs as "non-qualified" deferred compensation, which are not entitled to the tax benefits of 401Ks or other qualified plans.

In 2006, William MacDonald, who had retired from the former National City Corp. in Cleveland, challenged Cleveland's assessment of a two percent municipal income tax on his SERP. When he challenged the assessment, it was upheld by the Cleveland Income Tax Board of Review. The city's assessment was then overturned by the Ohio Board of Tax Appeals, which led to the case being argued before the Ohio Supreme Court. The city of Cleveland does not tax pensions, and the Court ruled unanimously that Cleveland had incorrectly assessed MacDonald's SERP based on its own laws. The Court said this is because MacDonald's SERP does not contain any deferred wages or set-aside pay.

This is a serious concern for our members because of the significant loss of revenue this will mean, especially for municipalities with a large number of high wage earners who receive compensation through SERPS. Additionally, there will be an untold loss of revenue in the future as more earners send their compensation to SERPS to be shielded from municipal income tax. This will mean a substantial loss of revenue for many municipalities, and it is a significant threat to the services funded by those revenues.

2020 TAX POLICY STUDY COMMISSION RELEASES TAX REPORT

The 2020 Tax Policy Study Commission has released a 323 page-long report regarding whether or not Ohio should move towards a flat tax. The report offers no recommendation, deferring instead to the outcome of the Tax Expenditure Review Committee's study of Ohio's tax credits and tax expenditures, which was mandates in a bill passed last year. The report instead provides an overview of the Ohio personal income tax the income tax base, tax rates, the deductions and credits available against the tax, and the use of income tax revenue. The report also briefly includes information on the income taxes of other states.

The Commission, which was created in 2015 and tasked with studying Ohio's tax structure, has already released reviews of the state's severance tax and a study of the Ohio Historic Preservation Tax Credit.

During the writing of this report, the Commission held ten public hearings over one year's time, hearing from forty-three individuals from the executive branch of state government, the world of academia, and business owners and industry leaders. One of these individuals was OML's own Executive Director Kent Scarrett, whose contribution to the report can be found on page 299. Testifiers spoke to what has worked and what hasn't in Ohio's taxation policies, while proposing potential solutions and offering their theories about what's in store for Ohio's economic future.

To read the report in its entirety, please click **HERE**.

NATIONAL LEAGUE OF CITIES ALERT: CALL TO PRESERVE THE STATE AND LOCAL TAX DEDUCTION (SALT)

The National League of Cities (NLC) is asking that we alert our members of the need to call the national House of Representatives to fully preserve the State and Local Tax Deduction (SALT.) As part of the conversation taking place in Congress regarding federal tax reform, "compromise proposals" are currently being floated by House Members that would violate the fundamental principles of double taxation and fiscal federalism that SALT protects, by either restricting, limiting or modifying SALT. This would open the door to continued erosion of the SALT deduction, and could potentially undermine homeowners and home values while causing intergovernmental battles over tax revenues. It would cause millions of taxpayers to pay higher taxes while undermining critical state and local public services.

We are asking that you call your Congressman and let them know it is important that SALT must be preserves and not limited, restricted or modified in any way. NLC has provided a fact sheet with more information and Congressional contact information HERE.

DEPARTMENT OF JUSTICE ANNOUNCES \$24 MILLION IN GRANTS TO FIGHT OPIOID EPIDEMIC

The Department of Justice (DOJ) has announced they will be awarding \$24 million in federal grants to 50 cities, counties and public health departments to provide assistance to both state and local governments to combat the opioid epidemic. The money is to be used to create comprehensive alternatives to incarceration programs for those impacted by the opioid epidemic.

The DOJ also will be awarding over \$222 million to 53 jurisdictions to support the creation and enhancement of adult drug courts and Veterans Treatment Courts. These monies are portions of a total of \$58.8 million that will be awarded by the DOJ to combat the opioid epidemic and fund drug courts nationwide. Grants will also be awarded to research projects, juvenile justice efforts and the Family Drug Court Statewide System Reform Implementation Program. For more information about these grants, please click HERE.

2020 CENSUS LOCAL UPDATE OF CENSUS ADDRESSES (LUCA) OPERATION PARTICIPATION AVAILABLE

The Census Bureau has recently mailed forms for participation in the Local Update of Census Addresses (LUCA) for the 2020 Census. LUCA is the only opportunity offered to tribal, state, and local governments to review and comment on the U.S. Census Bureau's residential address list for their jurisdiction prior to the 2020 Census.

The Census Bureau relies on a complete and accurate address list to reach every living quarters and associated population for inclusion in the census. The address list is the backbone of the census because census forms are sent to housing units, not to people. Census 2020 won't be accurate if the Census Bureau doesn't know about all of the housing units in an area thus LUCA participation is critical to an accurate population count. LUCA underlies the distribution of the Census forms and fieldworker follow-up on non-responding households, it matters for all of the same reasons the Census matters.

Local governments who lack the resources to participate in LUCA can consider arranging for a higher level of government, such as county, or an organization such as a regional planning agency or council of governments, to conduct your review.

The stakes are especially high for communities with a fast-growing population, and large areas whether metropolitan or rural. The federal government allocates more than \$400 billion in federal funds to tribal, state and local governments annually based upon Census data. Participation in LUCA is important, and you can email geo.2020.luca@census.gov or call 1-844-344-0169 with any questions regarding your forms. Please ensure all documents are submitted to the Census Bureau by the December 15, 2017 registration deadline.

ARE YOU REGISTERED FOR OUR ANNUAL CONFERENCE?

League staff are finishing the final preparations for our upcoming Annual Conference. You only have a few more weeks to register if you haven't done so already, so please click <u>HERE</u> to make sure you don't miss out! We look forward to seeing you there.

COMMITTEE SCHEDULE FOR THE WEEK OF OCTOBER 9, 2017

Tuesday, October 10, 2017

HOUSE FINANCIAL INSTITUTIONS, HOUSING AND URBAN DEVELOPMENT

Tue., Oct. 10, 2017, 9:00 AM, Hearing Room 114

Rep. Dever: 614-466-8120

BOND AND OBLIGATION MATURATION (GREENSPAN D) To increase from five to ten years the HB251** maturity period of other political subdivision's bonds and obligations eligible for investment of a subdivision's interim moneys.

Fourth Hearing, All Testimony, POSSIBLE VOTE

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

HOUSE ECONOMIC DEVELOPMENT, COMMERCE AND LABOR

Tue., Oct. 10, 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 harborer of a dog to take the dog in an outdoor dining area of a retail food establishment or food service operation.

Second Hearing, Proponent Testimony

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

HB303** SERVICE ANIMAL USE (LIPPS S, KELLY B) To prohibit places of public accommodation from preventing the use of a service animal.

First Hearing, Sponsor Testimony

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

Wednesday, October 11, 2017

HOUSE GOVERNMENT ACCOUNTABILITY AND OVERSIGHT

Wed., Oct. 11, 2017, 9:30 AM, Hearing Room 114

Rep. Blessing III: 614-466-9091

HB312**
LOCAL GOVERNMENT CREDIT CARDS (SCHURING K, GREENSPAN D) Regarding use of credit cards and debit cards by political subdivisions.

Second Hearing, Proponent Testimony, SUBSTITUTE BILL

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

LOCAL TAX ISSUES-ELECTION DATES (MERRIN D) To permit local tax-related proposals to HB342** appear only on general and primary election ballots and not on an August special election ballot and to modify the information conveyed in election notices and ballot language for property tax levies.

First Hearing, Sponsor Testimony

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

HOUSE INSURANCE

Wed., Oct. 11, 2017, 10:00 AM, Hearing Room 116

Rep. Brinkman: 614-644-6886

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.

Second Hearing, Proponent Testimony

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

HB269**

<u>HB268**</u> WORKERS COMPENSATION-SELF-INSURERS (HENNE M) To make changes to the Workers' Compensation Law with respect to self-insuring employers.

Second Hearing, No Testimony, SUBSTITUTE BILL

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

PLEASE CHECK OUR WEBSITE MONDAY FOR ANY COMMITTEE SCHEDULE CHANGES

Meeting/Training

Mayors Court Refresher Course	November 3	Registration Information
OML Annual Conference	November 1 ~ 3	Registration Information
MFOA Fall Conference	November 2nd & 3rd	Registration Information

Ohio Municipal League

Legislative Inquires:

Kent Scarrett, Executive Director Edward Albright, Deputy Director

Ashley Brewster, Director of Communications