Memorandum

To: Mayor & Members of Council **From:** Monica Irelan, City Manager

Subject: General Information **Date:** August 05, 2016

A. CALENDAR

B. AGENDAS

MONDAY, AUGUST 8TH AT 6:30 PM

Electric Committee and Board of Public Affairs

- 1. Approval of Minutes from the July 11, 2016 Meeting are enclosed
- 2. Review/Approval of the Power Supply Cost Adjustment Factor for August 2016 the reports are attached
- 3. Electric Department Report for July 2016 is enclosed
- 4. Review of the Net Metering Policy (Tabled)

MONDAY, AUGUST 8TH AT 7:00 PM

Joint Meeting of Water/Sewer Committee and City Council

- 1. Approval of Minutes from the May 9, 2016 Meeting are enclosed
- 2. Presentation on History of Water Treatment Plant Project my presentation is included in the packet.
- 3. Update on Water Treatment Plant Rehabilitation Project

MONDAY, AUGUST 8TH AT 7:30 PM

Municipal Properties/ED Committee

- 1. Approval of Minutes from the July 11, 2016 Meeting are enclosed
- 2. Review of CIC Agreement due to the Resignation of Director Amanda Griffith (Tabled)
- 3. Review of Goals for the CIC
- 4. Discussion of Dedication of Clairmont Avenue from Briarheath to Westmoreland enclosed are Memorandums from myself and Chad on the Clairmont Ave. Dedication.

TUESDAY, AUGUST 9TH AT 4:30 PM

Board of Zoning Appeals

TUESDAY, AUGUST 9TH AT 5:00 PM

Planning Commission

C. INFORMATIONAL ITEMS

1. TMACOG Newsletter/Big Picture/August 2016

Records Retention - CM-11 - 2 Years

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31						••••

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Calendar

Spring	U Calendar						
7		Monday					
The Committee Modern	31	7.00 PM C: C			4		-
10		7:00 PM City Council Meeting				7:00 PM Rally in the Alley	Greg Heath - Vacation
Computer Committee Commi							
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Commission Growth Asserting Page Page	-						
Page	Greg Heath - Vacation			Greg Heath - Vacation	Greg Heath - Vacation	Greg Heath - Vacation	Greg Heath - Vacation
Water/Serier Committee Section					Henry County Pan	Henry County Pair	Henry County Pair
14		Water/Sewer Committee &	Meeting				
14			Greg Heath - Vacation				
14		7:30 PM Municipal Properties/FD Committee					
14							
6:00 PM Ad-Hoc Committee on Organizational Health Mac Greg Estain - Vacation Humy County Fail 21		3					
6:00 PM Ad-Hoc Committee on Organizational Health Mac Greg Estain - Vacation Humy County Fail 21							
6:00 PM Ad-Hoc Committee on Organizational Health Mac Greg Estain - Vacation Humy County Fail 21							
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6:00 PM Ad-Hoc Committee on Organizational Health Mac Greg Estain - Vacation Humy County Fail 21		1-	40	,-			
Parade Group Facility Group Group						19	20
Committee Meeting 21			Henry County Fair	Henry County Fair	Henry County Fair		
Committee Meeting							
21 22 23 24 25 26 27 6.30 PM FINANCE & BUDGET Committee Meeting 7:00 PM SAFETY & HUMAN RESOURCES Committee Meeting Weeting 28 29 30 31 1 2 3 5th Monday No Scheduled Meeting Board Meeting							
21							
6:30 PM FINANCE & BUDGET Committee Meeting 7:30 PM SAFETY & HUMAN RESOURCES Committee Meeting Meeting Meeting 1 2 3 5tb Monday/No Scheduled Mee 6:30 PM Parks & Recreation Board Meeting 1 2 3		Henry County Fair					
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City of Napoleon, Ohio Electric Committee

Meeting Agenda Monday, August 8, 2016 at 6:30 pm

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

- I. Approval of Minutes from July 11, 2016 (In the absence of any objections or corrections, the Minutes shall stand approved)
- II. Review/Approval of the Power Supply Cost Adjustment Factor for August, 2016:

PSCAF three (3) month averaged factor: \$0.01159

JV2: \$0.004216 JV5: \$0.004216

- III. Electric Department Report.
- IV. Review of the Net Metering Policy (Tabled)
- V. Any other matters currently assigned to the Committee
- VI. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

City of Napoleon, Ohio **Electric Committee Meeting Minutes** Monday, July 11, 2016 at 6:30pm

PRESENT

Members

Board of Public Affairs

City Staff

Recorder

Travis Sheaffer, Chair; Patrick McColley

Mike DeWit – Chair, Dr. David Cordes, Nick Frysinger

Monica S. Irelan, City Manager

Gregory J. Heath, Finance Director/Clerk of Council

Lisa L. Nagel, Law Director Jason P. Maassel, Mayor

Bobby Stites, Assistant MIS Director Dennis Clapp, Electric Superintendent

Anne Taylor

Chad Lulfs, Director of Operations **Others**

ABSENT

Members

Dan Baer Call To Order

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

Approval Of Minutes The June 13, 2016 meeting minutes stand approved as presented with no

objections or corrections.

Review Of Power Supply Cost

Adjustment Factor

The Electric Power Supply Cost Adjustment Factor for July, 2016 was

presented for review.

Discussion

Irelan stated there will be a difference next month as the demand charge

will be going down with the difference in auction rate is affecting our

demand charges.

Motion To Accept BOPA Recommendation For

Approval Of Power Supply Cost Adjustment Factor

Motion: McColley Second: Sheaffer

To accept the BOPA recommendation for approval of Power Supply Cost

Adjustment Factor for July, 2016 as follows:

PSCAF three (3) month averaged factor: 0.00821

JV2: 0.013792 JV5: 0.013792

Passed

Roll call vote on above motion:

Yea- 2

Yea- Sheaffer, McColley

Nay- 0

Nay-

Electric Department Report

Electric Superintendent Dennis Clapp gave a department update. (See Attached)

Clapp reported he attended the APPA National Convention in Phoenix Arizona on June 10-15 and gave an overview of the highlights and the Convention's recommendations for the City to consider better serving their customers and building customer relations. (See Attached Report.)

Dr. Cordes expressed his opinion that the City is already reaching out to the community through Efficiency Smart. DeWit advised he feels the service to our community is second to none, but added that education on rates versus usage may be helpful and is not sure if spending money to help the City's image would be beneficial at all. It is Dr. Cordes opinion that customers focus on the rate increases, but perhaps Electric Superintendent Dennis Clapp could do an article for the paper regarding the success of the solar field with Frysinger agreeing that would be a good idea.

Irelan added that she feels the City does a terrible job in promoting our Electric Service Department and our Power Supply adding that the customers do not understand how the City's Electric Department works. Irelan stated that marketing the electric better was discussed last year, but nothing was added into the budget for this purpose, however, AMP and AFSCME is willing to contribute towards marketing.

Frysinger added that people are not educated on the City's electric and it is not a subject they are discussing in the public.

Cordes recommended a board from Efficiency Smart be set up in a booth at the fair, with Clapp advising the booth would need to be manned. Irelan advised there is a cost for the booth and you would have to man the booth adding that it is too late to plan for the fair this year.

Clapp reported an electric truck will be in the fair parade this year and they will be handing out sanitizer pens and little footballs.

Irelan offered to put a plan together with Superintendent Clapp for a potential booth at the fair next year.

Review of the Net Metering Policy

Irelan advised that the conversation of the Net Metering Policy was started with previous Committees and believes it is a good time to review the policy. (See Attached)

Irelan advised that a homeowner puts solar power on their house with the intent to produce electricity for their home for free. When customers give the City more power than used, the customer is paid back at a retail rate, which means that they are not paying to upkeep the distribution system and are netted back the entire bill.

Sheaffer did not feel that the City should be paying the customers back. Dr. Cordes suggested only paying back seventy-five percent (75%) of the amount back to the customer instead of the one-hundred percent (100%) Clapp advised the reading and adjustment is done once per year.

Dewit feels it is a public relations and safety issue.

Irelan advised that the Federal Government has continued with tax credits

for solar fields and there are customers in Napoleon interested in solar fields.

Tabled the Review of the Net Metering Policy

Motion: McColley Second: Sheaffer Motion to Table the Review of the Net Metering Policy

Passed Yea- 2 Nay- 0 Roll call vote on above motion: Yea- Baer, Sheaffer, McColley

Nay-

Any Other Matters Assigned To The Committee

None

Electric Motion To Adjourn

Motion: McColley Second: Sheaffer To adjourn the Electric Committee meeting at 7:35 pm

Passed Yea- 2 Nay- 0 Roll call vote on above motion: Yea- Sheaffer, McColley Nay-

Date

Travis Sheaffer, Chair

AUGUST	2016				City	<i>'</i> (of Napoleon,	OI	nio					
		DETERM	<u>IIN</u>	ATION OF MO	ONTHLY - PO	N	ER SUPPLY	CC	ST ADJU	STMENT FAC	CTC	OR (PSCAF	<u> </u>	
AMP		City		Power					Rolling	Less: Fixed		PSCA		PSCAF
Billed	City	Net		Supply Costs			nth Totals		3 Month	Base Power		Dollar		3 MONTH
Usage	Billing	kWh		(*Net of Known)	Current + Pr	ic	or 2 Months		Average	Supply		Difference		AVERAGED
Month	Month	Delivered		(Credit's)	kWh		Cost		Cost	Cost		+ or (-)		FACTOR
(a)	(b)	(c)		(d)	(e)		(f)		(g)	(h)		(i)		(j)
		Actual Billed		Actual Billed	c + prior 2 Mo		d + prior 2 Mo		f/e	\$0.07194 Fixed		g + h		i X 1.075
June '14	Aug '14		\$	1,106,124.65	38,287,710	-	2,997,755.62		0.07830			0.00636		0.00683
July '14	Sept '14	14,400,701		1,168,920.36	40,946,320		3,308,716.89	т .	0.08081			0.00887	-	0.00953
Aug '14	Oct '14		\$	1,130,286.47	43,358,228		3,405,331.48		0.07854	,		0.00660		0.00709
Sept '14	Nov '14	12,933,928	\$	873,122.55	42,298,515		3,172,329.38		0.07500	. , ,		0.00306	-	0.00329
Oct '14	Dec '14	12,957,031	\$	1,007,380.97	40,854,845		3,010,789.99	\$	0.07369		\$	0.001 <i>75</i>		0.00189
Nov '14	Jan '15	13,630,693	\$	1,048,435.47	39,521,652		2,928,938.99		0.07411	' ' '	\$	0.00217		0.00233
Dec '14	Feb '15	14,030,217	\$	1,077,557.19	40,617,941	\$	3,133,373.63	\$	0.07714		\$	0.00520	\$	0.00559
Jan '15	March '15	14,814,734	\$*	1,036,847.14	42,475,644		3,162,839.80	\$	0.07446	. , ,	\$	0.00252	\$	0.00271
Feb '15	April '15	13,867,347	\$	960,357.18	42,712,298		3,074,761.51		0.07199		\$	0.00005		0.00005
March '15	May '15	13,844,262	\$	1,003,564.83	42,526,343		3,000,769.15		0.07056		\$	(0.00138)		(0.00148)
April '15	June '15	12,167,778	\$	886,097.15	39,879,387	\$	2,850,019.16	\$	0.07147	. , ,	\$	(0.00047)	\$	(0.00051)
May '15	July '15	11,261,298	\$	881,002.83	37,273,338	\$	2,770,664.81		0.07433	' ' '	\$	0.00239	\$	0.00257
Jun '15	Aug '15	13,738,522	\$	916,655.51	37,167,598	\$	2,683,755.49	\$	0.07221	\$ (0.07194)	\$	0.00027	\$	0.00029
Jul '15	Sep '15	15,053,827	\$	979,654.01	40,053,647	\$	2,777,312.35	\$	0.06934		\$	(0.00260)	\$	(0.00280)
Aug '15	Oct '15	15,336,926	\$	965,909.05	44,129,275	\$	2,862,218.57	\$	0.06486		\$	(0.00708)	\$	(0.00761)
Sept '15	Nov '15	14,245,268	\$	1,020,249.35	44,636,021	\$	2,965,812.41	\$	0.06644	\$ (0.07194)	\$	(0.00550)	\$	(0.00591)
Oct '15	Dec '15	13,510,482	\$	809,877.76	43,092,676	\$	2,796,036.16	\$	0.06488	\$ (0.07194)	\$	(0.00706)	\$	(0.00758)
Nov '15	Jan'16	13,060,476	\$	939,293.49	40,816,226	\$	2,769,420.60	\$	0.06785	\$ (0.07194)	\$	(0.00409)	\$	(0.00440)
Dec '15	Feb'16	13,634,579	\$	863,769.64	40,205,537	\$	2,612,940.89	\$	0.06499	' ' '	\$	(0.00695)	\$	(0.00747)
Jan '16	Mar'16	14,813,772	\$	1,060,489.73	41,508,827	\$	2,863,552.86	\$	0.06899	\$ (0.07194)	\$	(0.00295)	\$	(0.00317)
Feb '16	Apr'16	13,961,098	\$	1,012,584.64	42,409,449				0.06925	\$ (0.07194)	\$	(0.00269)		
Mar '16	May'16	12,975,047	\$	1,017,837.14	41,749,917	\$	3,090,911.51	\$	0.07403	\$ (0.07194)	\$	0.00209	\$	0.00225
Apr '16	June'16	12,132,975	\$	897,981.75	39,069,120				0.07495		\$	0.00301		0.00324
May '16	July'16	11,244,178	\$	976,900.73	36,352,200	\$	2,892,719.62	\$	0.07957	\$ (0.07194)	\$	0.00763	\$	0.00821
June '16	Aug'16	12,200,629	\$	1,068,079.71	35,577,782	\$	2,942,962.19	\$	0.08272	\$ (0.07194)	\$	0.01078	\$	0.01159

BILLING SUMMARY AND CONS	SUMPTION 1	for BILLIN	G CYCLE -	AUGUST,	2016				
2016 - AUGUST BILLING WITH JULY 2016 DAT									
PREVIOUS MONTH'S POWER BILLS - P	URCHASED PO	WER KWH A	ND COST ALL	OCATIONS BY	Y DEMAND &	ENERGY:			
DATA PERIOD	MONTH / YR	DAYS IN MONTH	MUNICIPAL PEAK						
AMP-Ohio Bill Month	JUNE, 2016	30	30,141						
City-System Data Month	JULY, 2016	31							
City-Monthly Billing Cycle	AUGUST, 2016	31							
		=CONTRACTE	D AND OPEN MA	RKET POWER=		==PEAKING==		l	HYDRO POWER
(FREEMONT	PRAIRIE STATE	MORGAN STNLY	NORTHERN	JV-2	AMP-HYDRO	MELDAHL-HYDRO	GREENUP HYDE
PURCHASED POWER-RESOURCES -> (AMP CT	ENERGY	CHED. @ PJMC	REPLMNT.2015-20	POWER	PEAKING	CSW	SCHED. @	SCHED. @
	SCHED. @ ATSI		REPLMT@ PJMC		POOL			MELDAHL BUS	
Delivered kWh (On Peak) ->	60,017	3,936,243		2,736,000	490,507				136,18
Delivered kWh (Off Peak) ->	00,017	0,000,210	0,101,000	2,700,000	110,159		700,100	70,007	100,10
Delivered kWh (Replacement/Losses/Offset) ->					110,100				
Delivered kWh/Sale (Credits) ->					-954,259				
Delivered KWII/Sale (Credits) ->					-904,209				
Net Total Delivered kWh as Billed ->	60,017	3,936,243	3,431,358	2,736,000	-353,593	960	763,459	78,357	136,18
Percent % of Total Power Purchased->	0.4337%	28.4415%		19.7691%	-2.5549%	0.0069%	5.5164%	0.5662%	0.98409
reicent /o of Total Fower Futchased->	0.4337%	20.4413%	24.1933%	13./031%	-2.3349%	0.0009%	3.3104%	0.3002%	0.90407
COST OF PURCHASED POWER:						1		1	
DEMAND CHARGES (+Debits)						1		1	
Demand Charges (+Debits) Demand Charges	\$34,835.57	\$41,131.77	\$58,851.09			\$837.26	\$11,001.68	\$4,132.27	\$1,325.9
	φυ4,800.57					φδ37.26			
Debt Services (Principal & Interest)		\$44,279.65	\$99,491.04				\$131,656.51	\$15,418.59	\$4,557.3
DEMAND OUADOES (O									
DEMAND CHARGES (-Credits)									
Transmission Charges (Demand-Credits)	-\$29,649.45					-\$542.45			
Capacity Credit	-\$62,412.87	-\$32,975.88	-\$14,555.97			-\$1,487.39	-\$2,836.87	-\$1,653.62	-\$854.4
0.1.7.1.0	A== 000 ==	450 405 54	A440 700 40	***************************************	***************************************	A4 400 50	***************************************	A47.007.04	A5 000 5
Sub-Total Demand Charges	-\$57,226.75	\$52,435.54	\$143,786.16	\$0.00	\$0.00	-\$1,192.58	\$139,821.32	\$17,897.24	\$5,028.77
ENERGY CHARGES (+Debits):									
Energy Charges - (On Peak)	\$6,423.57	\$104,965.56	\$40,638.46	\$172,231.20	\$19,451.02	\$31.52	\$233.79	\$81.22	\$171.57
Energy Charges - (Replacement/Off Peak)					\$2,552.50				
Net Congestion, Losses, FTR		\$5,928.12	\$5,732.03	\$1,090.72			\$1,107.43	\$127.92	\$100.5
Transmission Charges (Energy-Debits)			\$20,575.67						
ESPP Charges									
Bill Adjustments (General & Rate Levelization)		\$45.30				\$89.66	-\$31,453.11	-\$11,646.41	\$2,778.9
		7.0.00				, , , , , , , , , , , , , , , , , , ,	401,100111	* ***,*******	V 2,111010
ENERGY CHARGES (-Credits or Adjustments):									
Energy Charges - On Peak (Sale or Rate Stabilization					-\$23,958.60				
Net Congestion, Losses, FTR	,				Ψ=0,000.00				
Bill Adjustments (General & Rate Levelization)			\$13,537.41				-\$1,526.92	-\$156.71	-\$272.3
Diii Adjustinents (General & Hate Levelization)			ψ10,007.41				-ψ1,020.92	-φ100./1	-φ∠1∠.3
Sub-Total Energy Charges	\$6,423.57	\$110,938.98	\$80,483.57	\$173,321.92	-\$1,955.08	\$121.18	-\$31,638.81	-\$11,593.98	\$2,778.73
TRANSMISSION & SERVICE CHARGES, MISC.:									
RPM / PJM Charges Capacity - (+Debit)									
RPM / PJM Charges Capacity - (-Credit)									
Service Fees AMP-Dispatch Center - (+Debit/-Credit)									
Service Fees AMP-Part A - (+Debit/-Credit)									
Service Fees AMP-Part B - (+Debit/-Credit)									
Other Charges & Bill Adjustments - (+Debit/-Credit)									
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
TOTAL - ALL COSTS OF PURCHASED POWER	-\$50,803.18	\$163,374.52	\$224,269.73	\$173,321.92	-\$1,955.08	-\$1,071.40	\$108,182.51	\$6,303.26	\$7,807.5
THE COSTO OF TOTOLINGED TOWER	\$50,000.10	ψ.00,01 4.02	Ψ224,200.70	ψ 5,52 1.32	ψ1,000.00	ψ1,011.40	ψ.00,102.01	ψ0,000.20	Ψ1,001.0
Purchased Power Resources - Cost per kWH->	-\$0.846480	\$0.041505	\$0.065359	\$0.063349	-\$0.005529	-\$1.116042	\$0.141700	\$0.080443	\$0.057328

<u>BILLING SUMMARY AND CONS</u> 2016 - AUGUST BILLING WITH JULY 2016 DAT. PREVIOUS MONTH'S POWER BILLS - PI									
IDREVIALIS MANTH'S DAWED BILLS DI									
I HE VICUS MICHTHS FOWER BILLS - PI	<u> </u>								
<u>DATA PERIOD</u>									
AMP-Ohio Bill Month									
City-System Data Month									
City-Monthly Billing Cycle									
			====WIND====	===SOLAR===	===TRANSMISS	SION, SERVICE I	FEES & MISC. C	ONTRACTS===	
(NYPA	JV-5	JV-6	AMP SOLAR	EFFNCY.SMART	TRANSMISSION	SERVICE FEES	MISCELLANEOUS	TOTAL -
PURCHASED POWER-RESOURCES -> (HYDRO	HYDRO	WIND	PHASE 1	POWER PLANT	CHARGES	DISPATCH, A & E	CHARGES &	ALL
Ĺ	SCHED. @ NYIS	7x24 @ ATSI	SCHED. @ ATSI	SCHED. @ ATSI	2014 - 2017	Other Charges	Other Charges	LEVELIZATION	RESOURCES
Delivered kWh (On Peak) ->	604,530	2,223,360	26,678	163,776	0	0	0	0	14,651,434
Delivered kWh (Off Peak) ->									110,159
Delivered kWh (Replacement/Losses/Offset) ->		32,436							32,436
Delivered kWh/Sale (Credits) ->									-954,259
Net Total Delivered kWh as Billed ->	604,530	2,255,796	26,678	163,776	0	0	0	0	13,839,770
Percent % of Total Power Purchased->	4.3681%	16.2994%	0.1928%	1.1834%	0.0000%	0.0000%	0.0000%	0.0000%	100.0001%
								Verification Total - >	100.0000%
COST OF PURCHASED POWER:									
DEMAND CHARGES (+Debits)	A	40	A			*			****
Demand Charges	\$6,542.53	\$35,332.94	\$1,576.48			\$110,575.75			\$306,143.28
Debt Services (Principal & Interest)		\$55,381.81							\$350,784.90
DEMAND CHARGES (-Credits)									
Transmission Charges (Demand-Credits)		-\$11,268.49	-\$117.67						-\$41,578.06
Capacity Credit	-\$3,127.65	-\$14,514.20	-\$106.71						-\$134,525.63
Sub-Total Demand Charges	\$3,414.88	\$64,932.06	\$1,352.10	£0.00	\$0.00	\$110,575.75	\$0.00	\$0.00	\$480,824.49
	7-7	** **********************************	Ų1,00 <u>2</u> 110	\$0.00	φυ.υυ	\$110,575.75	φυ.υυ	φ0.00	\$400,024.45
	,,,	¥ - 1,0 - 2 - 1	Ų1,00 2 110	\$0.00	φυ.υυ	\$110,373.73	ψ0.00	φο.σσ	\$400,024.45
ENERGY CHARGES (+Debits):	\$9,322.69		ψ1,002.110			\$4,902.94		φ0.00	\$427,585.09
ENERGY CHARGES (+Debits): Energy Charges - (On Peak)		\$55,210.55	V 1,00 - 110	\$13,921.00				φυ.υυ	\$427,585.09
ENERGY CHARGES (+Debits): Energy Charges - (On Peak) Energy Charges - (Replacement/Off Peak)	\$9,322.69		V 1,000					40.00	\$427,585.09 \$2,552.50
ENERGY CHARGES (+Debits): Energy Charges - (On Peak) Energy Charges - (Replacement/Off Peak) Net Congestion, Losses, FTR			V 1,000					46.00	\$427,585.09 \$2,552.50 \$15,647.48
ENERGY CHARGES (+Debits): Energy Charges - (On Peak) Energy Charges - (Replacement/Off Peak) Net Congestion, Losses, FTR Transmission Charges (Energy-Debits)	\$9,322.69		V ,, v 2					\$6.66	\$427,585.09 \$2,552.50 \$15,647.48 \$20,575.67
ENERGY CHARGES (+Debits): Energy Charges - (On Peak) Energy Charges - (Replacement/Off Peak) Net Congestion, Losses, FTR Transmission Charges (Energy-Debits) ESPP Charges	\$9,322.69		V ,, u 20						\$427,585.09 \$2,552.50 \$15,647.48 \$20,575.67 \$17,863.18
ENERGY CHARGES (+Debits): Energy Charges - (On Peak) Energy Charges - (Replacement/Off Peak) Net Congestion, Losses, FTR Transmission Charges (Energy-Debits)	\$9,322.69		V ,, u 20					\$0.00	\$427,585.09 \$2,552.50 \$15,647.48 \$20,575.67
ENERGY CHARGES (+Debits): Energy Charges - (On Peak) Energy Charges - (Replacement/Off Peak) Net Congestion, Losses, FTR Transmission Charges (Energy-Debits) ESPP Charges Bill Adjustments (General & Rate Levelization)	\$9,322.69 \$1,560.67		V ,, u 20						\$427,585.09 \$2,552.50 \$15,647.48 \$20,575.67 \$17,863.18
ENERGY CHARGES (+Debits): Energy Charges - (On Peak) Energy Charges - (Replacement/Off Peak) Net Congestion, Losses, FTR Transmission Charges (Energy-Debits) ESPP Charges Bill Adjustments (General & Rate Levelization) ENERGY CHARGES (-Credits or Adjustments):	\$9,322.69 \$1,560.67		V ,,						\$427,585.09 \$2,552.50 \$15,647.48 \$20,575.67 \$17,863.18 -\$40,185.61
ENERGY CHARGES (+Debits): Energy Charges - (On Peak) Energy Charges - (Replacement/Off Peak) Net Congestion, Losses, FTR Transmission Charges (Energy-Debits) ESPP Charges Bill Adjustments (General & Rate Levelization)	\$9,322.69 \$1,560.67		V ,,						\$427,585.09 \$2,552.50 \$15,647.48 \$20,575.67 \$17,863.18
ENERGY CHARGES (+Debits): Energy Charges - (On Peak) Energy Charges - (Replacement/Off Peak) Net Congestion, Losses, FTR Transmission Charges (Energy-Debits) ESPP Charges Bill Adjustments (General & Rate Levelization) ENERGY CHARGES (-Credits or Adjustments): Energy Charges - On Peak (Sale or Rate Stabilization)	\$9,322.69 \$1,560.67		V ,,						\$427,585.09 \$2,552.50 \$15,647.48 \$20,575.67 \$17,863.18 -\$40,185.61
ENERGY CHARGES (+Debits): Energy Charges - (On Peak) Energy Charges - (Replacement/Off Peak) Net Congestion, Losses, FTR Transmission Charges (Energy-Debits) ESPP Charges Bill Adjustments (General & Rate Levelization) ENERGY CHARGES (-Credits or Adjustments): Energy Charges - On Peak (Sale or Rate Stabilization) Net Congestion, Losses, FTR Bill Adjustments (General & Rate Levelization)	\$9,322.69 \$1,560.67					\$4,902.94			\$427,585.09 \$2,552.50 \$15,647.48 \$20,575.67 \$17,863.18 -\$40,185.61 -\$23,958.60 \$0.00
ENERGY CHARGES (+Debits): Energy Charges - (On Peak) Energy Charges - (Replacement/Off Peak) Net Congestion, Losses, FTR Transmission Charges (Energy-Debits) ESPP Charges Bill Adjustments (General & Rate Levelization) ENERGY CHARGES (-Credits or Adjustments): Energy Charges - On Peak (Sale or Rate Stabilization) Net Congestion, Losses, FTR	\$9,322.69 \$1,560.67		\$0.00						\$427,585.09 \$2,552.50 \$15,647.48 \$20,575.67 \$17,863.18 -\$40,185.61 -\$23,958.60 \$0.00
ENERGY CHARGES (+Debits): Energy Charges - (On Peak) Energy Charges - (Replacement/Off Peak) Net Congestion, Losses, FTR Transmission Charges (Energy-Debits) ESPP Charges Bill Adjustments (General & Rate Levelization) 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	\$9,322.69 \$1,560.67 \$1,003.62 \$11,886.98	\$55,210.55		\$13,921.00	\$17,863.18	\$4,902.94		\$0.00	\$427,585.09 \$2,552.50 \$15,647.48 \$20,575.67 \$17,863.18 -\$40,185.61 -\$23,958.60 \$0.00 \$12,585.02
ENERGY CHARGES (+Debits): Energy Charges - (On Peak) Energy Charges - (Replacement/Off Peak) Net Congestion, Losses, FTR Transmission Charges (Energy-Debits) ESPP Charges Bill Adjustments (General & Rate Levelization) 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 TRANSMISSION & SERVICE CHARGES, MISC.:	\$9,322.69 \$1,560.67 \$1,003.62 \$11,886.98	\$55,210.55		\$13,921.00	\$17,863.18	\$4,902.94 \$4,902.94		\$0.00	\$427,585.09 \$2,552.50 \$15,647.48 \$20,575.67 \$17,863.18 -\$40,185.61 -\$23,958.60 \$0.00 \$12,585.02
ENERGY CHARGES (+Debits): Energy Charges - (On Peak) Energy Charges - (Replacement/Off Peak) Net Congestion, Losses, FTR Transmission Charges (Energy-Debits) ESPP Charges Bill Adjustments (General & Rate Levelization) 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 TRANSMISSION & SERVICE CHARGES, MISC.: RPM / PJM Charges Capacity - (+Debit)	\$9,322.69 \$1,560.67 \$1,003.62 \$11,886.98	\$55,210.55		\$13,921.00	\$17,863.18	\$4,902.94		\$0.00	\$427,585.09 \$2,552.50 \$15,647.48 \$20,575.67 \$17,863.18 -\$40,185.61 -\$23,958.60 \$0.00 \$12,585.02
ENERGY CHARGES (+Debits): Energy Charges - (On Peak) Energy Charges - (Replacement/Off Peak) Net Congestion, Losses, FTR Transmission Charges (Energy-Debits) ESPP Charges Bill Adjustments (General & Rate Levelization) 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 TRANSMISSION & SERVICE CHARGES, MISC.: RPM / PJM Charges Capacity - (+Debit) RPM / PJM Charges Capacity - (-Credit)	\$9,322.69 \$1,560.67 \$1,003.62 \$11,886.98	\$55,210.55		\$13,921.00	\$17,863.18	\$4,902.94 \$4,902.94	\$0.00	\$0.00	\$427,585.09 \$2,552.50 \$15,647.48 \$20,575.67 \$17,863.18 -\$40,185.61 -\$23,958.60 \$0.00 \$12,585.02 \$432,664.73 \$142,790.80 \$0.00
ENERGY CHARGES (+Debits): Energy Charges - (On Peak) Energy Charges - (Replacement/Off Peak) Net Congestion, Losses, FTR Transmission Charges (Energy-Debits) ESPP Charges Bill Adjustments (General & Rate Levelization) 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 TRANSMISSION & SERVICE CHARGES, MISC.: RPM / PJM Charges Capacity - (+Debit) RPM / PJM Charges Capacity - (-Credit) Service Fees AMP-Dispatch Center - (+Debit/-Credit)	\$9,322.69 \$1,560.67 \$1,003.62 \$11,886.98	\$55,210.55		\$13,921.00	\$17,863.18	\$4,902.94 \$4,902.94	\$0.00 \$533.81	\$0.00	\$427,585.09 \$2,552.50 \$15,647.48 \$20,575.67 \$17,863.18 -\$40,185.61 -\$23,958.60 \$0.00 \$12,585.02 \$432,664.73 \$142,790.80 \$0.00 \$533.81
ENERGY CHARGES (+Debits): Energy Charges - (On Peak) Energy Charges - (Replacement/Off Peak) Net Congestion, Losses, FTR Transmission Charges (Energy-Debits) ESPP Charges Bill Adjustments (General & Rate Levelization) 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 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)	\$9,322.69 \$1,560.67 \$1,003.62 \$11,886.98	\$55,210.55		\$13,921.00	\$17,863.18	\$4,902.94 \$4,902.94	\$0.00 \$533.81 \$2,969.55	\$0.00	\$427,585.09 \$2,552.50 \$15,647.48 \$20,575.67 \$17,863.18 -\$40,185.61 -\$23,958.60 \$0.00 \$12,585.02 \$432,664.73 \$142,790.80 \$0.00 \$533.81 \$2,969.55
ENERGY CHARGES (+Debits): Energy Charges - (On Peak) Energy Charges - (Replacement/Off Peak) Net Congestion, Losses, FTR Transmission Charges (Energy-Debits) ESPP Charges Bill Adjustments (General & Rate Levelization) 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 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)	\$9,322.69 \$1,560.67 \$1,003.62 \$11,886.98	\$55,210.55		\$13,921.00	\$17,863.18	\$4,902.94 \$4,902.94	\$0.00 \$533.81 \$2,969.55 \$8,058.10	\$0.00	\$427,585.09 \$2,552.50 \$15,647.48 \$20,575.67 \$17,863.18 -\$40,185.61 -\$23,958.60 \$0.00 \$12,585.02 \$432,664.73 \$142,790.80 \$533.81 \$2,969.55 \$8,058.10
ENERGY CHARGES (+Debits): Energy Charges - (On Peak) Energy Charges - (Replacement/Off Peak) Net Congestion, Losses, FTR Transmission Charges (Energy-Debits) ESPP Charges Bill Adjustments (General & Rate Levelization) 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 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)	\$9,322.69 \$1,560.67 \$1,003.62 \$11,886.98	\$55,210.55		\$13,921.00	\$17,863.18	\$4,902.94 \$4,902.94	\$0.00 \$533.81 \$2,969.55	\$0.00	\$427,585.09 \$2,552.50 \$15,647.48 \$20,575.67 \$17,863.18 -\$40,185.61 -\$23,958.60 \$0.00 \$12,585.02 \$432,664.73 \$142,790.80 \$0.00 \$533.81 \$2,969.55
ENERGY CHARGES (+Debits): Energy Charges - (On Peak) Energy Charges - (Replacement/Off Peak) Net Congestion, Losses, FTR Transmission Charges (Energy-Debits) ESPP Charges Bill Adjustments (General & Rate Levelization) 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 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 B - (+Debit/-Credit) Service Fees AMP-Part B - (+Debit/-Credit) Other Charges & Bill Adjustments - (+Debit/-Credit)	\$9,322.69 \$1,560.67 \$1,003.62 \$11,886.98	\$55,210.55 \$55,210.55	\$0.00	\$13,921.00 \$13,921.00	\$17,863.18	\$4,902.94 \$4,902.94 \$142,790.80	\$0.00 \$533.81 \$2,969.55 \$8,058.10 \$238.23	\$0.00	\$427,585.09 \$2,552.50 \$15,647.48 \$20,575.67 \$17,863.18 -\$40,185.61 -\$23,958.60 \$12,585.02 \$432,664.73 \$142,790.80 \$0.00 \$533.81 \$2,969.55 \$8,058.10 \$238.23
ENERGY CHARGES (+Debits): Energy Charges - (On Peak) Energy Charges - (Replacement/Off Peak) Net Congestion, Losses, FTR Transmission Charges (Energy-Debits) ESPP Charges Bill Adjustments (General & Rate Levelization) 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 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)	\$9,322.69 \$1,560.67 \$1,003.62 \$11,886.98	\$55,210.55		\$13,921.00	\$17,863.18	\$4,902.94 \$4,902.94	\$0.00 \$533.81 \$2,969.55 \$8,058.10	\$0.00	\$427,585.09 \$2,552.50 \$15,647.48 \$20,575.67 \$17,863.18 -\$40,185.61 -\$23,958.60 \$0.00 \$12,585.02 \$432,664.73 \$142,790.80 \$533.81 \$2,969.55 \$8,058.10
ENERGY CHARGES (+Debits): Energy Charges - (On Peak) Energy Charges - (Replacement/Off Peak) Net Congestion, Losses, FTR Transmission Charges (Energy-Debits) ESPP Charges Bill Adjustments (General & Rate Levelization) 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 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 B - (+Debit/-Credit) Service Fees AMP-Part B - (+Debit/-Credit) Other Charges & Bill Adjustments - (+Debit/-Credit)	\$9,322.69 \$1,560.67 \$1,003.62 \$11,886.98	\$55,210.55 \$55,210.55	\$0.00	\$13,921.00 \$13,921.00	\$17,863.18	\$4,902.94 \$4,902.94 \$142,790.80	\$0.00 \$533.81 \$2,969.55 \$8,058.10 \$238.23	\$0.00	\$427,585.09 \$2,552.50 \$15,647.48 \$20,575.67 \$17,863.18 -\$40,185.61 -\$23,958.60 \$0.00 \$12,585.02 \$432,664.73 \$142,790.80 \$0.00 \$533.81 \$2,969.55 \$8,058.10 \$238.23
ENERGY CHARGES (+Debits): Energy Charges - (On Peak) Energy Charges - (Replacement/Off Peak) Net Congestion, Losses, FTR Transmission Charges (Energy-Debits) ESPP Charges Bill Adjustments (General & Rate Levelization) 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 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)	\$9,322.69 \$1,560.67 \$1,003.62 \$11,886.98	\$55,210.55 \$55,210.55 \$55,210.55	\$0.00	\$13,921.00 \$13,921.00 \$0.00	\$17,863.18 \$17,863.18 \$17,863.18	\$4,902.94 \$4,902.94 \$142,790.80 \$142,790.80	\$533.81 \$2,969.55 \$8,058.10 \$238.23 \$11,799.69	\$0.00	\$427,585.09 \$2,552.50 \$15,647.48 \$20,575.67 \$17,863.18 -\$40,185.61 -\$23,958.60 \$0.00 \$12,585.02 \$432,664.73 \$142,790.80 \$533.81 \$2,969.55 \$8,058.10 \$238.23
ENERGY CHARGES (+Debits): Energy Charges - (On Peak) Energy Charges - (Replacement/Off Peak) Net Congestion, Losses, FTR Transmission Charges (Energy-Debits) ESPP Charges Bill Adjustments (General & Rate Levelization) 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 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)	\$9,322.69 \$1,560.67 \$1,003.62 \$11,886.98	\$55,210.55 \$55,210.55 \$55,210.55	\$0.00 \$0.00 \$1,352.10 \$0.050682	\$13,921.00 \$13,921.00 \$13,921.00 \$13,921.00	\$17,863.18 \$17,863.18 \$17,863.18 \$0.000	\$4,902.94 \$4,902.94 \$142,790.80 \$142,790.80 \$258,269.49 \$0.000000	\$0.00 \$533.81 \$2,969.55 \$8,058.10 \$238.23 \$11,799.69 \$0.000000	\$0.00 \$0.00 \$0.00 \$0.00 Verification Total -> \$0.000000	\$427,585.09 \$2,552.50 \$15,647.48 \$20,575.67 \$17,863.18 -\$40,185.61 -\$23,958.60 \$0.00 \$12,585.02 \$432,664.73 \$142,790.80 \$533.81 \$2,969.55 \$8,058.10 \$238.23 \$1,068,079.71 \$1,068,079.71 \$0.0077175
ENERGY CHARGES (+Debits): Energy Charges - (On Peak) Energy Charges - (Replacement/Off Peak) Net Congestion, Losses, FTR Transmission Charges (Energy-Debits) ESPP Charges Bill Adjustments (General & Rate Levelization) 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 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 TOTAL - ALL COSTS OF PURCHASED POWER	\$9,322.69 \$1,560.67 \$1,003.62 \$11,886.98 : \$0.00 \$15,301.86	\$55,210.55 \$55,210.55 \$55,210.55 \$0.00 \$120,142.61	\$0.00 \$0.00 \$1,352.10 \$0.050682 (Norther	\$13,921.00 \$13,921.00 \$13,921.00 \$13,921.00 \$0.085000 The Pool Power - O	\$17,863.18 \$17,863.18 \$0.000 \$17,863.18 \$0.000000 n-Peak + Off-Peak	\$4,902.94 \$4,902.94 \$142,790.80 \$142,790.80 \$258,269.49 \$0.000000 Energy Charge/k	\$533.81 \$2,969.55 \$8,058.10 \$238.23 \$11,799.69	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 Verification Total -> \$0.000000 ic Service Rate ->	\$427,585.09 \$2,552.50 \$15,647.48 \$20,575.67 \$17,863.18 -\$40,185.61 -\$23,958.60 \$0.00 \$12,585.02 \$432,664.73 \$142,790.80 \$533.81 \$2,969.55 \$8,058.10 \$238.23 \$154,590.49 \$1,068,079.71



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: 193571 REV

INVOICE DATE: 7/14/2016

DUE DATE: 7/29/2016

TOTAL AMOUNT DUE: \$919,651.01

CUSTOMER NUMBER: 5020

CUSTOMER P.O. #: RG10046

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

Northern Power Pool Billing - June, 2016

MUNICIPAL PEAK: 30,141 kW TOTAL METERED ENERGY: 13,893,278 kWh

Total Power Charges: \$649,581.83

Total Transmission Charges: \$258,269.49

Total Other Charges: \$11,799.69

Total Miscellaneous Charges: \$0.00

GRAND TOTAL POWER INVOICE: \$919,651.01

Napoleon

FOR THE MONTH OF:	June, 2016		Total Metered Load kWh: Transmission Losses kWh:	13,893,278 -53,508
		•	Distribution Losses kWh: Total Energy Req. kWh:	13,839,770
TIME OF FENTS PEAK: TIME OF MUNICIPAL PEAK:	06/27/2016 @ H.E. 14:00 06/20/2016 @ H.E. 14:00		COINCIDENT PEAK kW: MUNICIPAL PEAK kW:	28,454 30,141
TRANSMISSION PEAK:	July, 2015		TRANSMISSION PEAK kW: PJM Capacity Requirement kW:	30,302 29,713
Napoleon Resources				
AMP CT - Sched @ ATSI				
Demand Charge:	\$2.809320	/ kW *	12,400 kW =	\$34,835.57
Energy Charge: Transmission Credit:	\$0.107029 \$2.391085	/ kWh * / kW *	60,017 kWh = -12,400 kW =	\$6,423.57 -\$29,649.45
Capacity Credit:	\$5.033296	/ kW *	-12,400 kW =	-\$62,412.87
Subtotal	-\$0.846480	/ kWh *	60,017 kWh =	-\$50,803.18
Fremont - sched @ Fremont Demand Charge:	P4 C04CE0	/ kW *	0.767 1/1/	£44.404.77
Energy Charge:	\$4.691658 \$0.026666	/ kWh *	8,767 kW = 3,936,243 kWh =	\$41,131.77 \$104,965.56
Net Congestion, Losses, FTR:	\$0.001506	/ kWh *	0,000,210 101111	\$5,928.12
Capacity Credit:	\$3.761364	/ kW *	-8,767 kW =	-\$32,975.88
Debt Service	\$5.050719	/ kW	8,767 kW	\$44,279.65
Adjustment for prior month: Subtotal	\$0.041505	/ kWh *	3,936,243 kWh =	\$45.30 \$163,374.52
AMP Hydro CSW - Sched @ PJMC	ψυ.υτ1003	,	0,000,270 KHH =	ψ100,01 4.32
Demand Charge:	\$5.186480	/ kW *	2,121 kW =	\$11,001.68
Energy Charge: Net Congestion, Losses, FTR:	\$0.000306	/ kWh *	763,459 kWh =	\$233.79
Capacity Credit:	\$0.001451 \$1.337375	/ kWh * / kW *	-2,121 kW =	\$1,107.43 -\$2,836.87
Debt Service	\$62.066320	/ kW	2,121 kW	\$131,656.51
Board Approved Rate Levelization	*************	,	_,	-\$31,453.11
REC Credit (Estimate)				-\$1,526.92
Subtotal Meldahi Hydro - Sched @ Meldahi Bus	\$0.141701	/ kWh *	763,459 kWh =	\$108,182.51
Demand Charge:	\$8.198948	/ kW *	504 kW =	\$4,132.27
Energy Charge:	\$0.001036	/ kWh *	78,357 kWh =	\$81.21
Net Congestion, Losses, FTR:	\$0.001633	/ kWh *		\$127.92
Capacity Credit:	\$3.280992	/ kW *	-504 kW =	-\$1,653.62
Debt Service Board Approved Rate Levelization	\$30.592440	/ kW	504 kW	\$15,418.59 -\$11,646.41
REC Credit (Estimate)				-\$17,646.41
Subtotal	\$0.080443	/ kWh *	78,357 kWh =	\$6,303.25
JV6 - Sched @ ATSI			000 1144	
Demand Charge: Energy Charge:			300 kW 26,678 kWh	
Transmission Credit:	\$0.392233	/ kW *	-300 kW =	-\$117.67
Capacity Credit:	\$0.355700	/ kW *	-300 kW =	-\$106.71
Subtotal	-\$0.008411	/ kWh *	26,678 kWh =	-\$224.38
Greenup Hydro - Sched @ Greenup Bus Demand Charge:	\$4.018000	/ kW *	330 kW =	\$1,325.94
Energy Charge:	\$0.001260	/ kWh *	136,189 kWh =	\$171.57
Net Congestion, Losses, FTR:	\$0.000739	/ kWh *		\$100.59
Capacity Credit:	\$2.589303	/ kW *	-330 kW =	-\$854.47
Debt Service	\$13.810000	/ kW	330 kW	\$4,557.30
Board Approved Rate Levelization REC Credit (Estimate)				\$2,778.95 -\$272.38
Subtotal	\$0.057329	/ kWh *	136,189 kWh =	\$7,807.50
Prairie State - Sched @ PJMC				
Demand Charge:	\$11.826988	/ kW *	4,976 kW =	\$58,851.09
Energy Charge: Net Congestion, Losses, FTR:	\$0.011843 \$0.001670	/ kWh * / kWh *	3,431,358 kWh =	\$40,638.46 \$5,732.03
Capacity Credit:	\$2.925235	/ kW *	-4,976 kW =	-\$14,555.97
Debt Service	\$19.994180	/ kW	4,976 kW	\$99,491.04
Transmission from PSEC to PJM/MISO, including non-Prairie State				***
variable charges/credits Board Approved Rate Levelization	\$0.005996	/ kWh	3,431,358 kWh	\$20,575.67 \$13,537.41
Subtotal	\$0.065359	/ kWh *	3,431,358 kWh =	\$224,269.73
NYPA - Sched @ NYIS	,			, ,
Demand Charge:	\$6.937996	/ kW *	943 kW =	\$6,542.53
Energy Charge: Net Congestion, Losses, FTR:	\$0.015421	/ kWh *	604,530 kWh =	\$9,322.69
Capacity Credit:	\$0.002582 \$3.475167	/ kWh * / kW *	-900 kW =	\$1,560.67 -\$3,127.65
Adjustment for prior month:				\$1,003.62
Subtotal	\$0.025312	/ kWh *	604,530 kWh =	\$15,301.86
JV5 - 7X24 @ ATSI Demand Charge:			3,088 kW	
Energy Charge:			2,223,360 kWh	
Transmission Credit:	\$3.649122	/ kW *	-3,088 kW =	-\$11,268.49
Capacity Credit:	\$4.700194	/ kW *	-3,088 kW =	-\$14,514.20
Subtotal JV5 Losses - Sched @ ATSI	-\$0.011596	/ kWh *	2,223,360 kWh =	-\$25,782.69

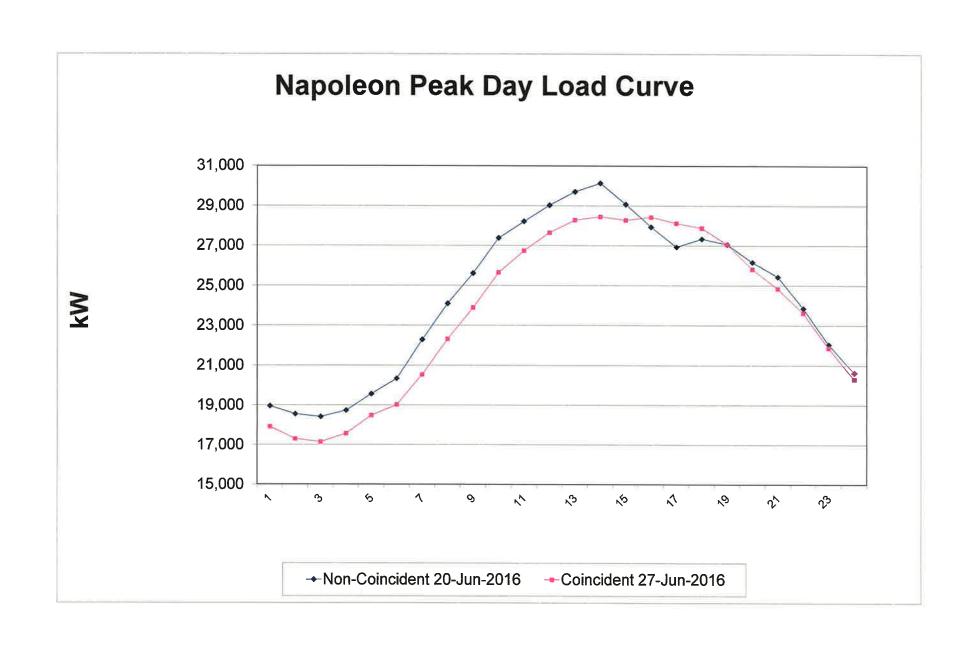
DETAIL INFORMATION OF POWER CHARGES June , 2016

Napoleon

Subtotal	#N/A	/ kWh *	32,436 kWh =	\$0.00
JV2 - Sched @ ATSI				
Demand Charge:			264 kW	
Energy Charge:	\$0.032840	/ kWh *	960 kWh =	\$31.52
Transmission Credit:	\$2.054735	/ kW *	-264 kW =	-\$542.45
Capacity Credit:	\$5.634015	/ kW *	-264 kW =	-\$1,487.38
Subtotal	-\$2.082017	/ kWh *	960 kWh =	-\$1,998.31
AMP Solar Phase I - Sched @ ATSI				
Demand Charge:			1,040 kW	
Energy Charge:	\$0.085000	/ kWh *	163,776 kWh =	\$13,921.00
Subtotal	\$0.085000	/ kWh *	163,776 kWh =	\$13,921.00
Morgan Stanley 2015-2020 - 7x24 @ AD				
Demand Charge:			3,800 kW	
Energy Charge:	\$0.062950	/ kWh *	2,736,000 kWh =	\$172,231.20
Net Congestion, Losses, FTR:	\$0.000399	/ kWh *		\$1,090.72
Subtotal	\$0.063349	/ kWh *	2,736,000 kWh =	\$173,321.92
Efficiency Smart Power Plant 2014-2017	·		· ·	
ESPP 2014-2017 obligation @ \$1.400 /MWh x 153,113. MWh / 12				\$17,863.18
Subtotal	#N/A	/ kWh *	0 kWh =	\$17,863.18
	-	-		, , , , , , , , , , , , , , , , , , , ,
Northern Power Pool:				
On Peak Energy Charge: (M-F HE 08-23 EDT)	\$0.039655	/ kWh *	490,507 kWh =	\$19,451.02
Off Peak Energy Charge:	\$0.023171	/ kWh *	110.159 kWh =	\$2,552,50
Sale of Excess Non-Pool Resources to Pool	\$0.025107	/ kWh *	-954,259 kWh =	-\$23,958,60
Subtotal	\$0.005529	/ kWh *	-353,593 kWh =	-\$1,955.08
Total Demand Charges:			•	\$277,120.26
Total Energy Charges:				\$372,461.57
Total Power Charges:			13,839,770 kWh	\$649,581.83
TRANSMISSION CHARGES:				
Demand Charge:	\$3.649124	/ kW *	30,302 kW =	\$110,575.75
Energy Charge:	\$0.000422	/ kWh *	11,616,410 kWh =	\$4,902.94
RPM (Capacity) Charges:	\$4.805700	/ kW *	29,713 kW =	\$142,790.80
TOTAL TRANSMISSION CHARGES:	\$0.022233	/ kWh *	11,616,410 kWh =	\$258,269.49
Dispatch Center Charges:	\$0.000038	/ kWh *	13,893,278 kWh =	\$533.81
Service Fee Part A,				
Based on Annual Municipal Sales	\$0.000229	/ kWh *	155,609,698 kWh 1/12 =	\$2,969.55
SF A adjustment for January-June 2015				\$238.23
Service Fee Part B.				
Energy Purchases	\$0.000580	/kWh *	13,893,278 kWh =	\$8,058.10
TOTAL OTHER CHARGES:				\$11,799.69
				
GRAND TOTAL POWER INVOICE:				\$919.651.01

Napoleon		Capacity Plan - Actual			E - 15_							
Jun	2016	ACTU	JAL DEMAND =	30.141	MW							
Days	30	ACTU	JAL ENERGY =	13,893	MWH							
						DEMAND	ENERGY				EFFECTIVE	%
			DEMAND	ENERGY	LOAD	RATE	RATE	DEMAND	ENERGY	TOTAL	RATE	OF
		SOURCE	MW	MWH	FACTOR	\$/KW	\$/MWH	CHARGE	CHARGE	CHARGES	\$/MWH	DOLLARS
		(1)	(2)	(4)	(5)	(6)	(7)	(9)	(10)	(11)	(12)	(13)
1		NPP Pool Purchases	0.00	601	0%	\$0.00	\$36.63	\$0	\$22,004	\$22,004	\$36.63	2.1%
2		NPP Pool Sales	0.00	-954	0%	\$0.00	\$25.11	\$0	-\$23,959	-\$23,959	\$25.11	-2.2%
3		AFEC	8.77	3,936	62%	\$5.99	\$28.17	\$52,481	\$110,894	\$163,375	\$41.51	15.3%
4		Prairie State	4.98	3,431	96%	\$31.62	\$19.51	\$157,324	\$66,946	\$224,270	\$65.36	21.1%
5		NYPA - Ohio	0.94	605	89%	\$4.69	\$18.00	\$4,419	\$10,883	\$15,302	\$25.31	1.4%
6		JV5	3.09	2,223	100%	\$21.03	\$24.83	\$64,932	\$55,211	\$120,143	\$54.04	11.3%
/		JV5 Losses	0.00	32	0%	\$0.00	\$0.00	\$0	\$0	\$0	\$0.00	0.0%
8 9		AMP-Hydro	2.12	763	50%	\$50.37	\$1.76	\$106,841	\$1,341	\$108,183	\$141.70	10.2%
10		Meldahl Greenup	0.50	78	22%	\$12.09	\$2.67	\$6,094	\$209	\$6,303	\$80.44	0.6%
11		JV6	0.33 0.30	136 27	57% 12%	\$22.83 \$4.51	\$2.00 \$0.00	\$7,535	\$272	\$7,808	\$57.33	0.7%
12		AMP Solar Phase I	1.04	27 164	22%	\$4.51 \$0.00	\$0.00 \$85.00	\$1,352 \$0	\$0 \$13.034	\$1,352 \$43,034	\$50.68	0.1%
13		Morgan Stanley 2015-2020 7x24	3.80	2,736	100%	\$0.00	\$63.35	\$0 \$0	\$13,921 \$173,322	\$13,921 \$173,322	\$85.00 \$63.35	1.3%
14		AMPCT	12.40	60	1%	-\$4.62	\$107.03	-\$57,227	\$6,424	-\$50,803	-\$846.48	16.3% -4.8%
15		JV2	0.26	1	1%	-\$4.18	\$32.84	-\$1,103	\$32	-\$1,071	-\$1,116.26	-4.6% -0.1%
		POWER TOTAL	38.53	13,840	50%	\$1.10	402.01	\$342,648	\$437,499	\$780,147	\$56.37	73.3%
16		Energy Efficiency		0		\$0.00	\$0.00	\$0	\$17,863	\$17,863	\$0.00	1.7%
17		Installed Capacity	29.71		•	\$4.81		\$142,791	\$0	\$142,791	\$10.28	13.4%
18		TRANSMISSION	30.30	11,616	1	\$3.65	\$0.42	\$110,576	\$4,903	\$115,479	\$8.31	10.8%
19		Distribution Charge	30.14			\$0.00	\$0.00	\$0	\$0	\$0	\$0.00	0.0%
20 21		Service Fee B		13,893	1 .		\$0.58		\$8,058	\$8,058	\$0.58	0.8%
21		Dispatch Charge		13,893			\$0.04		\$534	\$534	\$0.04	0.1%
		OTHER TOTAL						\$253,367	\$31,358	\$284,725	\$20.49	26.7%
GRAND TOTAL PL	371777777	D		13,840				\$596,015	\$468,857	\$1,064,872		
Delivered to memb	ers		30.141	13,893	64%			\$596,015	\$468,857	\$1,064,872	\$76.65	100.0%
			DEMAND	ENERGY	L.F.					TOTAL \$	\$/MWh	Avg Temp
		2016 Forecast	28.98	13,890	67%					\$1,158,554	\$83.41	69.5
		2015 Actual	28.39	13,790	67%					\$1,013,219	\$73.48	68.0
		2014 Actual	29.42	14,101	67%					\$983,142	\$69.72	70.6
										Actual Temp		70.7

ete							Tuesday	Wednesday		Friday				Tuesday	Wednesday	
ite our	6/1/2016	6/2/2016	6/3/2016	6/4/2016	6/5/2016	6/6/2016	6/7/2016	6/8/2016	6/9/2016	6/10/2016	6/11/2016	6/12/2016	6/13/2016	6/14/2016	6/15/2016	
100	17,039	17,280	17,321	14,719	12,881	15,153	16,317	15,171	15,306	15,992	16,475	16,391	15,308	17,005	15,436	
200	16,743	16,928	16,726	14,118	12,590	14,968	15,849	14,905	14,976	15,846	15,993	15,510	15,246	16,578	15,254	
300	16,342	16,656	16,340	13,743	12,475	14,743	15,250	14,518	14,895	15,387	15,605	15,058	15,107	16,176	15,134	
400	16,322	16,867	16,354	13,729	12,397	15,244	15,585	14,768	15,154	15,598	15,321	14,481	15,298	16,328	15,668	
500	17,015	17,402	16,860	14,248	12,481	16,032	16,322	15,587	15,736	15,747	15,377	14,337	15,790	16,954	16,614	
600	17,467	17,748	17,255	14,139	12,398	16,945	16,800	16,052	16,414	16,580	15,208	13,808	16,035	17,236	17,245	
700	18,908	19,512	18,904	14,508	13,012	18,604	18,192	17,712	17,526	18,045	16,206	14,314	17,908	18,335	18,334	
800	20,214	21,154	19,924	15,434	13,754	19,852	18,992	18,495	18,499	19,291	17,869	15,004	19,067	19,659	19,291	
900	20,914	21,924	20,572	16,534	14,827	20,612	19,457	18,923	18,880	20,225	19,790	15,804	19,792	20,112	19,916	
1000	22,286	22,696	21,406	17,250	15,570	21,821	19,503	19,287	19,249	20,716	21,369	16,367	20,334	20,686	21,485	
1100	22,724	23,114	21,919	18,186	16,446	22,393	19,650	19,662	19,725	20,648	22,494	16,904	20,841	21,463	23,126	
1200	23,998	23,595	22,422	18,004	16,536	23,035	19,776	19,810	19,732	21,268	22,834	17,320	21,357	21,911	24,324	
1300	24,740	24,043	23,198	18,061	16,800	23,547	20,127	20,001	20,004	21,929	23,633	17,594	21,773	22,012	25,287	
1400	25,332	24,570	23,354	17,611	16,923	23,147	19,741	19,888	20,050	22,074	23,582	17,697	22,169	21,827	26,199	
1500	25,261	24,393	23,434	17,356	16,914	23,529	19,670	19,705	19,552	22,648	23,855	18,076	22,695	21,888	26,524	
1600	24,866	24,781	23,412	17,108	17,117	23,126	19,442	19,474	19,076	23,161	23,882	18,739	23,203	22,317	27,193	
1700	23,856	24,287	22,809	16,913	17,143	22,357	18,887	18,917	18,481	23,157	23,672	18,926	22,914	22,018	26,793	
1800	23,145	24,305	22,737	16,711	17,298	21,604	18,619	18,731	18,559	23,300	23,603	18,548	22,630	21,822	26,754	
1900	22,056	23,554	21,855	16,522	16,784	20,520	18,084	18,320	18,364	23,053	23,177	18,436	21,696	20,956	25,724	
2000	21,800	22,912	20,945	16,030	16,359	19,731	17,787	17,977	18,428	22,506	22,086	18,258	21,172	20,501	25,313	
2100	22,088	22,787	20,921	16,335	16,703	19,710	18,220	18,304	19,190	22,592	21,577	18,227	21,635	20,205	25,233	
2200	20,925	21,408	19,420	15,690	16,442	18,873	17,406	17,961	18,359	21,258	20,527	17,739	20,479	18,917	24,207	
2300	19,345	19,623	17,495	14,622	16,003	17,876	16,559	16,987	17,230	19,245	19,051	16,921	18,877	17,524	22,235	
2400	18,207	18,318	15,699	13,546	15,539	17,291	15,832	15,955	16,590	17,408	17,539	16,036	17,906	16,330	20,504	
otal	501,593	509,857	481,282	381,117	349,853	470,713	432,067	427,110	429,975	477,674	480,725	400,495	469,232	468,760	523,793	
otal																Friday
otal ate								Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
ite	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday									
ate our 100	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday 6/29/2016	Thursday 6/30/2016	
ate our 100 200	Thursday 6/16/2016	Friday 6/17/2016	Saturday 6/18/2016	Sunday 6/19/2016	Monday 6/20/2016	Tuesday 6/21/2016	Wednesday 6/22/2016	Thursday 6/23/2016	Friday 6/24/2016	Saturday 6/25/2016	Sunday 6/26/2016	Monday 6/27/2016 17,912	Tuesday 6/28/2016	Wednesday 6/29/2016 16,278	Thursday 6/30/2016 9,954	
ate our 100 200 300	Thursday 6/16/2016	Friday 6/17/2016 17,058	Saturday 6/18/2016 14,326	Sunday 6/19/2016 14,342	Monday 6/20/2016 18,960	Tuesday 6/21/2016 19,289	Wednesday 6/22/2016 17,210	Thursday 6/23/2016 16,558	Friday 6/24/2016 16,806	Saturday 6/25/2016 14,818	Sunday 6/26/2016 15,265	Monday 6/27/2016	Tuesday 6/28/2016 18,918	Wednesday 6/29/2016 16,278 16,023	Thursday 6/30/2016 9,954 7,725	
te ur 100 200 300 400	Thursday 6/16/2016 19,222 18,823 18,457 18,396	Friday 6/17/2016 17,058 16,798	Saturday 6/18/2016 14,326 13,781 13,345 13,263	Sunday 6/19/2016 14,342 13,866	Monday 6/20/2016 18,960 18,550	Tuesday 6/21/2016 19,289 18,721	Wednesday 6/22/2016 17,210 16,861	Thursday 6/23/2016 16,558 17,390	Friday 6/24/2016 16,806 16,525	Saturday 6/25/2016 14,818 14,209	Sunday 6/26/2016 15,265 14,600	Monday 6/27/2016 17,912 17,303	Tuesday 6/28/2016 18,918 18,118	Wednesday 6/29/2016 16,278	Thursday 6/30/2016 9,954	Friday 7/
te ur 100 200 300	Thursday 6/16/2016 19,222 18,823 18,457	Friday 6/17/2016 17,058 16,798 16,479	Saturday 6/18/2016 14,326 13,781 13,345	Sunday 6/19/2016 14,342 13,866 13,366	Monday 6/20/2016 18,960 18,550 18,414	Tuesday 6/21/2016 19,289 18,721 18,373	Wednesday 6/22/2016 17,210 16,861 16,527	Thursday 6/23/2016 16,558 17,390 17,022	Friday 6/24/2016 16,806 16,525 15,860	Saturday 6/25/2016 14,818 14,209 13,742	Sunday 6/26/2016 15,265 14,600 14,026	Monday 6/27/2016 17,912 17,303 17,148	Tuesday 6/28/2016 18,918 18,118 17,488	Wednesday 6/29/2016 16,278 16,023 15,922 15,882	Thursday 6/30/2016 9,954 7,725 7,424 7,463	
te ur 100 200 300 400 500 600	Thursday 6/16/2016 19,222 18,823 18,457 18,396	6/17/2016 17,058 16,798 16,479 16,530	Saturday 6/18/2016 14,326 13,781 13,345 13,263	Sunday 6/19/2016 14,342 13,866 13,366 13,166	Monday 6/20/2016 18,960 18,550 18,414 18,742	Tuesday 6/21/2016 19,289 18,721 18,373 18,253	Wednesday 6/22/2016 17,210 16,861 16,527 16,778	Thursday 6/23/2016 16,558 17,390 17,022 17,261	Friday 6/24/2016 16,806 16,525 15,860 15,990	Saturday 6/25/2016 14,818 14,209 13,742 13,638	Sunday 6/26/2016 15,265 14,600 14,026 13,828	Monday 6/27/2016 17,912 17,303 17,148 17,570	Tuesday 6/28/2016 18,918 18,118 17,488 17,388	Wednesday 6/29/2016 16,278 16,023 15,922 15,882 16,331	Thursday 6/30/2016 9,954 7,725 7,424 7,463 7,826	
100 200 300 400 500 600 700	Thursday 6/16/2016 19,222 18,823 18,457 18,396 18,953 19,322 20,960	Friday 6/17/2016 17,058 16,798 16,479 16,530 16,600 16,604 18,197	Saturday 6/18/2016 14,326 13,781 13,345 13,263 13,316 12,959 13,462	Sunday 6/19/2016 14,342 13,866 13,366 13,166 13,158 12,947 13,541	Monday 6/20/2016 18,960 18,550 18,414 18,742 19,560	Tuesday 6/21/2016 19,289 18,721 18,373 18,253 18,742	Wednesday 6/22/2016 17,210 16,861 16,527 16,778 17,247	Thursday 6/23/2016 16,558 17,390 17,022 17,261 17,799	Friday 6/24/2016 16,806 16,525 15,860 15,990 16,519	Saturday 6/25/2016 14,818 14,209 13,742 13,638 13,670	Sunday 6/26/2016 15,265 14,600 14,026 13,828 13,954	Monday 6/27/2016 17,912 17,303 17,148 17,570 18,489	Tuesday 6/28/2016 18,918 18,118 17,488 17,388 17,987	Wednesday 6/29/2016 16,278 16,023 15,922 15,882	Thursday 6/30/2016 9,954 7,725 7,424 7,463	
te ur 100 200 300 400 500 600 700 800	Thursday 6/16/2016 19,222 18,823 18,457 18,396 18,953 19,322 20,960 22,882	Friday 6/17/2016 17,058 16,798 16,479 16,530 16,600 16,604 18,197 19,322	Saturday 6/18/2016 14,326 13,781 13,345 13,263 13,316 12,959	Sunday 6/19/2016 14,342 13,866 13,166 13,158 12,947 13,541 15,136	Monday 6/20/2016 18,960 18,550 18,414 18,742 19,560 20,342	Tuesday 6/21/2016 19,289 18,721 18,373 18,253 18,742 18,944	Wednesday 6/22/2016 17,210 16,861 16,527 16,778 17,247 17,318	Thursday 6/23/2016 16,558 17,390 17,022 17,261 17,799 18,209	Friday 6/24/2016 16,806 16,525 15,860 15,990 16,519 16,726	Saturday 6/25/2016 14,818 14,209 13,742 13,638 13,670 13,710	Sunday 6/26/2016 15,265 14,600 14,026 13,828 13,954 13,901	Monday 6/27/2016 17,912 17,303 17,148 17,570 18,489 19,021	Tuesday 6/28/2016 18,918 18,118 17,488 17,388 17,987 18,027	Wednesday 6/29/2016 16,278 16,023 15,922 15,882 16,331 16,577 18,049	Thursday 6/30/2016 9,954 7,725 7,424 7,463 7,826 8,028	
te ur 100 200 300 400 500 600 700 800 900	Thursday 6/16/2016 19,222 18,823 18,457 18,396 18,953 19,322 20,960 22,882 24,024	Friday 6/17/2016 17,058 16,758 16,479 16,530 16,600 16,604 18,197 19,322 20,314	Saturday 6/18/2016 14,326 13,781 13,345 13,263 13,316 12,959 13,462 15,038 16,214	Sunday 6/19/2016 14,342 13,866 13,166 13,158 12,947 13,541 15,136 16,325	Monday 6/20/2016 18,960 18,550 18,414 18,742 19,560 20,342 22,294 24,102 25,616	Tuesday 6/21/2016 19,289 18,721 18,373 18,253 18,742 18,944 20,628 21,913 22,875	Wednesday 6/22/2016 17,210 16,861 16,527 16,778 17,247 17,318 18,793	Thursday 6/23/2016 16,558 17,390 17,022 17,261 17,799 18,209 19,851	Friday 6/24/2016 16,806 16,525 15,860 15,990 16,519 16,726 18,274	Saturday 6/25/2016 14,818 14,209 13,742 13,638 13,670 13,710 14,282	Sunday 6/26/2016 15,265 14,600 14,026 13,828 13,954 13,901 14,401	Monday 6/27/2016 17,912 17,303 17,148 17,570 18,489 19,021 20,541	Tuesday 6/28/2016 18,918 18,118 17,488 17,388 17,987 18,027 19,664	Wednesday 6/29/2016 16,278 16,023 15,922 15,882 16,331 16,577	Thursday 6/30/2016 9,954 7,725 7,424 7,463 7,826 8,028 8,775	
te ur 100 200 300 400 500 600 700 800 900 1000	Thursday 6/16/2016 19,222 18,823 18,457 18,396 18,953 19,322 20,960 22,882 24,024 24,622	Friday 6/17/2016 17,058 16,798 16,479 16,530 16,600 16,604 18,197 19,322 20,314 20,970	Saturday 6/18/2016 14,326 13,781 13,345 13,263 13,316 12,959 13,462 15,038 16,214 17,233	Sunday 6/19/2016 14,342 13,866 13,166 13,158 12,947 13,541 15,136 16,325 17,815	Monday 6/20/2016 18,960 18,550 18,414 18,742 19,560 20,342 22,294 24,102 25,616 27,383	Tuesday 6/21/2016 19,289 18,721 18,373 18,253 18,742 18,944 20,628 21,913	Wednesday 6/22/2016 17,210 16,861 16,527 16,778 17,247 17,318 18,793 20,009	Thursday 6/23/2016 16,558 17,390 17,022 17,261 17,799 18,209 19,851 21,054	Friday 6/24/2016 16,806 16,525 15,860 15,990 16,519 16,726 18,274 19,776	Saturday 6/25/2016 14,818 14,209 13,742 13,638 13,670 13,710 14,282 15,664	Sunday 6/26/2016 15,265 14,600 14,026 13,828 13,954 13,901 14,401 15,842	Monday 6/27/2016 17,912 17,303 17,148 17,570 18,489 19,021 20,541 22,322	Tuesday 6/28/2016 18,918 18,118 17,488 17,388 17,987 18,027 19,664 21,126	Wednesday 6/29/2016 16,278 16,023 15,922 15,882 16,331 16,577 18,049 19,339	Thursday 6/30/2016 9,954 7,725 7,424 7,463 7,826 8,028 8,775 9,780	
te ur 100 200 300 400 500 700 800 900 1000 1100	Thursday 6/16/2016 19,222 18,823 18,457 18,396 18,953 19,322 20,960 22,882 24,024 24,622 24,908	Friday 6/17/2016 17,058 16,798 16,479 16,530 16,600 16,600 18,197 19,322 20,314 20,970 21,663	Saturday 6/18/2016 14,326 13,781 13,345 13,316 12,959 13,462 15,038 16,214 17,233 18,181	Sunday 6/19/2016 14,342 13,868 13,366 13,158 12,947 13,541 15,136 16,325 17,815	Monday 6/20/2016 18,960 18,550 18,414 18,742 19,560 20,342 22,294 24,102 25,616 27,383 28,216	Tuesday 6/21/2016 19,289 18,721 18,373 18,253 18,742 18,944 20,628 21,913 22,875 23,744 24,243	Wednesday 6/22/2016 17,210 16,861 16,527 16,778 17,247 17,318 18,793 20,009 20,702	Thursday 6/23/2016 16,558 17,390 17,022 17,261 17,799 18,209 19,851 21,054 21,639	Friday 6/24/2016 16,806 16,525 15,860 15,990 16,519 16,726 18,274 19,776 20,577	Saturday 6/25/2016 14,818 14,209 13,742 13,638 13,670 13,710 14,282 15,664 16,896	Sunday 6/26/2016 15,265 14,600 14,026 13,828 13,954 13,901 14,401 15,842 17,724	Monday 6/27/2016 17,912 17,303 17,148 17,570 18,489 19,021 20,541 22,322 23,889	Tuesday 6/28/2016 18,918 18,118 17,488 17,388 17,987 18,027 19,664 21,126 21,675	Wednesday 6/29/2016 16,278 16,023 15,922 15,882 16,331 16,577 18,049 19,339 20,063	Thursday 6/30/2016 9,954 7,725 7,424 7,463 7,826 8,028 8,775 9,780 10,440	
100 200 300 400 500 600 700 800 900 1000 1200	Thursday 6/16/2016 19,222 18,823 18,457 18,396 18,953 19,322 20,960 22,882 24,024 24,622 24,908 25,160	Friday 6/17/2016 17,058 16,798 16,479 16,530 16,600 16,604 18,197 19,322 20,314 20,970 21,663 22,306	Saturday 6/18/2016 14,326 13,781 13,345 13,263 13,316 12,959 13,462 15,038 16,214 17,233	Sunday 6/19/2016 14,342 13,866 13,166 13,158 12,947 13,541 15,136 16,325 17,815	Monday 6/20/2016 18,960 18,550 18,414 18,742 19,560 20,342 22,294 24,102 25,616 27,383	Tuesday 6/21/2016 19,289 18,721 18,373 18,253 18,742 20,628 21,913 22,875 23,744	Wednesday 6/22/2016 17,210 16,861 16,527 16,778 17,247 17,318 18,793 20,009 20,702 21,411	Thursday 6/23/2016 16,558 17,390 17,022 17,261 17,799 18,209 19,851 21,054 21,639 22,349	Friday 6/24/2016 16,806 16,525 15,860 15,990 16,519 16,726 18,274 19,776 20,577 21,448	Saturday 6/25/2016 14,818 14,209 13,742 13,638 13,670 14,282 15,664 16,896 17,687	Sunday 6/26/2016 15,265 14,600 14,026 13,828 13,954 13,991 14,401 15,842 17,724 19,464	Monday 6/27/2016 17,912 17,303 17,148 17,570 18,489 19,021 20,541 22,322 23,889 25,663	Tuesday 6/28/2016 18,918 18,118 17,488 17,987 18,027 19,664 21,126 21,675 22,255	Wednesday 6/29/2016 16,278 16,023 15,922 15,882 16,331 16,577 18,049 19,339 20,063 20,660 21,030	Thursday 6/30/2016 9,954 7,725 7,424 7,463 7,826 8,028 8,775 9,780 10,440 10,800 11,097	
100 200 300 400 500 600 700 800 900 1000 1100 1200	Thursday 6/16/2016 19,222 18,823 18,457 18,396 19,322 20,960 22,882 24,024 24,622 24,908 25,160 25,056	Friday 6/17/2016 17,058 16,798 16,479 16,530 16,600 18,197 19,322 20,314 20,970 21,663 22,306 20,865	Saturday 6/18/2016 14,326 13,781 13,345 13,263 13,316 12,959 13,462 15,038 16,214 17,233 18,181 18,773 19,619	Sunday 6/19/2016 14,342 13,866 13,166 13,158 12,947 13,541 15,136 16,325 17,815 19,070 19,940 20,735	Monday 6/20/2016 18,960 18,550 18,414 18,742 19,560 20,342 22,294 24,102 25,616 27,383 28,216 29,041 29,041	Tuesday 6/21/2016 19,289 18,721 18,373 18,253 18,742 18,944 20,628 21,913 22,875 23,744 24,243	Wednesday 6/22/2016 17,210 16,861 16,527 16,778 17,247 17,318 18,793 20,009 20,702 21,411 22,067	Thursday 6/23/2016 16,558 17,390 17,022 17,261 17,799 18,209 19,851 21,654 21,639 22,349 22,624	Friday 6/24/2016 16,806 16,525 15,860 15,990 16,719 16,726 18,274 19,776 20,577 21,448 22,038	Saturday 6/25/2016 14,818 14,209 13,742 13,638 13,670 13,710 14,282 15,664 16,896 17,687 18,437	Sunday 6/26/2016 15,265 14,600 14,026 13,828 13,954 13,901 14,401 15,842 17,724 19,464 21,109	Monday 6/27/2016 17,912 17,303 17,148 17,570 18,489 19,021 20,541 22,322 23,889 25,653 26,752	Tuesday 6/28/2016 18,918 18,118 17,488 17,987 18,027 19,664 21,126 21,676 22,255 22,817	Wednesday 6/29/2016 16,278 16,023 15,922 15,882 16,331 16,577 18,049 19,339 20,063 20,660	Thursday 6/30/2016 9,954 7,725 7,424 7,463 7,826 8,028 8,775 9,780 10,440 10,800	
te ur 100 200 300 400 500 600 700 800 1000 1200 1300 1400	Thursday 6/16/2016 19,222 18,823 18,457 18,396 18,953 19,322 20,960 22,882 24,024 24,622 24,908 25,160 25,056 24,866	Friday 6/17/2016 17,058 16,798 16,479 16,530 16,600 16,604 18,197 19,322 20,314 20,970 21,663 22,306 20,865 19,462	Saturday 6/18/2016 14,326 13,781 13,345 13,263 13,316 12,959 13,462 15,038 16,214 17,233 18,181 18,773 19,619 20,265	Sunday 6/19/2016 14,342 13,866 13,166 13,158 12,947 13,541 15,136 16,325 17,815 19,070 19,940 20,735 21,314	Monday 6/20/2016 18,960 18,550 18,414 18,742 19,560 20,342 22,294 24,102 25,616 27,383 28,216 29,041 30,141	Tuesday 6/21/2016 19,289 18,721 18,373 18,253 18,742 18,944 20,628 21,913 22,875 23,744 24,243 25,086	Wednesday 6/22/2016 17,210 16,861 16,527 16,778 17,318 18,793 20,009 20,702 21,411 22,067 22,735	Thursday 6/23/2016 16,558 17,390 17,022 17,261 17,799 18,209 19,851 21,054 21,639 22,349 22,624 22,740	Friday 6/24/2016 16,806 16,525 15,860 15,990 16,519 16,726 18,274 19,776 20,577 21,448 22,038 22,751	Saturday 6/25/2016 14,818 14,209 13,742 13,638 13,670 13,710 14,282 15,664 16,896 17,687 18,437 19,094	Sunday 6/26/2016 15,265 14,600 14,026 13,828 13,954 13,901 14,401 15,842 17,724 19,464 21,109 22,398	Monday 6/27/2016 17,912 17,303 17,148 17,570 18,489 19,021 20,541 22,322 23,889 25,653 26,752 27,655	Tuesday 6/28/2016 18,918 18,118 17,488 17,388 17,987 18,027 19,664 21,126 21,675 22,255 22,817 22,947	Wednesday 6/29/2016 16,278 16,023 15,922 15,882 16,331 16,577 18,049 19,339 20,063 20,660 21,030 21,372	Thursday 6/30/2016 9,954 7,725 7,424 7,463 7,826 8,028 8,775 9,780 10,440 10,800 11,097 11,298 11,715	
te ur 100 200 300 400 500 600 700 1000 1100 1300 1300 1400 1500	Thursday 6/16/2016 19,222 18,823 18,457 18,396 18,953 19,322 20,960 22,882 24,024 24,622 24,908 25,160 25,056 24,866 24,283	Friday 6/17/2016 17,058 16,798 16,479 16,530 16,600 16,600 18,197 19,322 20,314 20,970 21,663 22,306 20,865 19,462 22,237	Saturday 6/18/2016 14,326 13,781 13,345 13,263 13,316 12,959 13,462 15,038 16,214 17,233 18,181 18,773 19,619 20,265 20,713	Sunday 6/19/2016 14,342 13,866 13,366 13,158 12,947 13,541 15,136 16,325 17,815 19,070 19,940 20,735 21,314 22,070	Monday 6/20/2016 18,960 18,550 18,414 18,742 19,560 20,342 22,294 24,102 25,616 27,383 28,216 29,041 29,711 30,141 29,082	Tuesday 6/21/2016 19,289 18,721 18,373 18,253 18,742 20,628 21,913 22,875 23,744 24,243 25,086 25,640	Wednesday 6/22/2016 17,210 16,861 16,527 16,778 17,247 17,318 18,793 20,009 20,702 21,411 22,067 22,735 23,682	Thursday 6/23/2016 16,558 17,390 17,022 17,261 17,799 18,209 19,851 21,054 21,639 22,349 22,624 22,740 22,759	Friday 6/24/2016 16,806 16,525 15,860 15,990 16,519 16,726 18,274 19,776 20,577 21,448 22,038 22,751 23,270	Saturday 6/25/2016 14,818 14,209 13,742 13,638 13,670 14,282 15,664 16,896 17,687 18,437 19,094	Sunday 6/26/2016 15,265 14,600 14,026 13,828 13,954 13,901 14,401 15,842 17,724 19,464 21,109 22,398 23,130	Monday 6/27/2016 17,912 17,303 17,148 17,570 18,489 19,021 20,541 22,322 23,889 25,653 26,752 27,655 28,283	Tuesday 6/28/2016 18,918 18,118 17,488 17,987 18,027 19,664 21,126 21,675 22,255 22,817 22,947 22,797	Wednesday 6/29/2016 16,278 16,023 15,922 15,882 16,331 16,577 18,049 19,339 20,063 20,660 21,030 21,372 21,899	Thursday 6/30/2016 9,954 7,725 7,424 7,463 7,826 8,028 8,775 9,780 10,440 10,800 11,097 11,298 11,715 11,776	
te ur 100 200 300 400 500 600 700 800 1100 1200 1300 1400 1500 1600	Thursday 6/16/2016 19,222 18,823 18,457 18,396 18,953 19,322 20,960 22,882 24,024 24,622 24,908 25,160 25,056 24,866 24,283 23,490	Friday 6/17/2016 17,058 16,798 16,479 16,530 16,600 18,197 19,322 20,314 20,970 21,653 22,306 20,865 19,462 22,237 22,453	Saturday 6/18/2016 14,326 13,781 13,345 13,263 13,316 12,959 13,462 15,038 16,214 17,233 18,181 18,773 19,619 20,265 20,713 21,164	Sunday 6/19/2016 14,342 13,866 13,166 13,158 12,947 13,541 15,136 16,325 17,815 19,070 19,940 20,735 21,314 22,070 22,669	Monday 6/20/2016 18,960 18,550 18,414 18,742 19,560 20,342 22,294 24,102 25,616 27,383 28,216 29,041 29,711 30,141 29,082 27,938	Tuesday 6/21/2016 19,289 18,721 18,373 18,253 18,742 18,944 20,628 21,913 22,875 23,744 24,243 25,086 25,640 25,817 25,719	Wednesday 6/22/2016 17,210 16,861 16,527 16,778 17,247 17,318 18,793 20,009 20,702 21,411 22,067 22,735 23,682 23,764 24,170 24,540	Thursday 6/23/2016 16,558 17,390 17,022 17,261 17,799 18,209 19,851 21,639 22,349 22,624 22,740 22,759 22,759	Friday 6/24/2016 16,806 16,525 15,860 15,990 16,519 16,726 18,274 19,776 20,577 21,448 22,038 22,751 23,270 23,508	Saturday 6/25/2016 14,818 14,209 13,742 13,638 13,670 13,710 14,282 15,664 16,896 17,687 18,437 19,094 19,585 20,258	Sunday 6/26/2016 15,265 14,600 14,026 13,828 13,954 13,901 14,401 15,842 17,724 19,464 21,109 22,398 23,130 22,591	Monday 6/27/2016 17,912 17,303 17,148 17,570 18,489 19,021 20,541 22,322 23,889 25,653 26,752 27,655 28,283 28,454	Tuesday 6/28/2016 18,918 18,118 17,488 17,388 17,987 18,027 19,664 21,126 21,675 22,255 22,817 22,947 22,797 22,539	Wednesday 6/29/2016 16,278 16,023 15,922 15,882 16,331 16,577 18,049 19,339 20,063 20,660 21,030 21,372 21,899 21,915	Thursday 6/30/2016 9,954 7,725 7,424 7,463 7,826 8,028 8,775 9,780 10,440 10,800 11,097 11,298 11,715	
100 200 300 400 500 700 800 900 1100 1200 1300 1400 1500 1700	Thursday 6/16/2016 19,222 18,823 18,457 18,396 18,953 19,322 20,960 22,882 24,024 24,622 24,908 25,160 25,056 24,866 24,283 23,490 22,157	Friday 6/17/2016 17,058 16,798 16,479 16,530 16,600 18,197 19,322 20,314 20,970 21,663 22,306 19,462 22,237 24,453 22,119	Saturday 6/18/2016 14,326 13,781 13,345 13,345 12,959 13,462 15,038 16,214 17,233 18,181 18,773 19,619 20,265 20,713 21,164 21,374	Sunday 6/19/2016 14,342 13,866 13,166 13,158 12,947 13,541 15,136 16,325 17,815 19,070 19,940 20,735 21,314 22,070 22,669 23,224	Monday 6/20/2016 18,960 18,550 18,414 18,742 19,560 20,342 22,294 24,102 25,616 27,383 28,216 29,041 19,711 30,141 29,082 27,938 26,931	Tuesday 6/21/2016 19,289 18,721 18,373 18,253 18,742 20,628 21,913 22,875 23,744 24,243 25,086 25,640 25,640 25,817 25,719 25,779 25,224	Wednesday 6/22/2016 17,210 16,861 16,527 16,778 17,247 17,318 18,793 20,009 20,702 21,411 22,067 22,735 23,682 23,764 24,170	Thursday 6/23/2016 16,558 17,390 17,022 17,261 17,799 18,209 19,851 21,639 22,349 22,624 22,740 22,759 22,797 22,788	Friday 6/24/2016 16,806 16,525 15,860 15,990 16,519 16,726 18,274 19,776 20,577 21,448 22,038 22,751 23,270 23,508 23,446	Saturday 6/25/2016 14,818 14,209 13,742 13,638 13,670 13,710 14,282 15,664 16,896 17,687 18,437 19,094 19,585 20,258 20,753	Sunday 6/26/2016 15,265 14,600 14,026 13,828 13,954 13,901 14,401 15,842 17,724 19,464 21,109 22,398 23,130 22,591 23,268	Monday 6/27/2016 17,912 17,303 17,148 17,570 18,489 19,021 20,541 22,322 23,889 25,653 26,752 27,655 28,283 28,454 28,279	Tuesday 6/28/2016 18,918 18,118 17,488 17,987 18,027 19,664 21,126 21,675 22,255 22,817 22,947 22,797 22,539 22,681	Wednesday 6/29/2016 16,278 16,023 15,922 15,882 16,331 16,577 18,049 19,339 20,063 20,663 21,030 21,372 21,899 21,915 22,041	Thursday 6/30/2016 9,954 7,725 7,424 7,463 7,826 8,028 8,775 9,780 10,440 10,800 11,097 11,298 11,715 11,776 11,892	
100 200 300 400 500 600 900 1100 1200 1300 1400 1500 1700 1800	Thursday 6/16/2016 19,222 18,823 18,457 18,396 18,953 19,322 20,960 22,882 24,024 24,622 24,908 25,160 25,056 24,866 24,283 23,490 22,157 21,357	Friday 6/17/2016 17,058 16,798 16,479 16,530 16,600 16,604 18,197 19,322 20,314 20,970 21,663 22,306 20,865 19,462 22,237 22,453 22,119 21,721	Saturday 6/18/2016 14,326 13,781 13,345 13,263 13,316 12,959 13,462 15,038 16,214 17,233 18,181 18,773 19,619 20,265 20,713 21,164 21,374 21,364	Sunday 6/19/2016 14,342 13,866 13,366 13,158 12,947 13,541 15,136 16,325 17,815 19,070 19,940 20,735 21,314 22,070 22,669 23,224 23,269	Monday 6/20/2016 18,960 18,550 18,414 18,742 19,560 20,342 22,294 24,102 25,616 27,383 28,216 29,041 29,711 30,141 29,082 27,938	Tuesday 6/21/2016 19,289 18,721 18,373 18,253 18,742 18,944 20,628 21,913 22,875 23,744 24,243 25,086 25,640 25,817 25,719	Wednesday 6/22/2016 17,210 16,861 16,527 16,778 17,247 17,318 18,793 20,009 20,702 21,411 22,067 22,735 23,682 23,764 24,170 24,540	Thursday 6/23/2016 16,558 17,390 17,022 17,261 17,799 18,209 19,851 21,639 22,349 22,624 22,740 22,759 22,797 22,788 22,788	Friday 6/24/2016 16,806 16,525 15,860 15,990 16,519 16,726 18,274 19,776 20,577 21,448 22,038 22,751 23,270 23,508 23,446 23,407	Saturday 6/25/2016 14,818 14,209 13,742 13,638 13,670 14,282 15,664 16,896 17,687 18,437 19,094 19,585 20,258 20,753 21,180	Sunday 6/26/2016 15,265 14,600 14,026 13,828 13,954 13,901 14,401 15,842 17,724 19,464 21,109 22,398 23,130 22,591 23,268 24,056	Monday 6/27/2016 17,912 17,303 17,148 17,570 18,489 19,021 20,541 22,322 23,889 25,653 26,752 27,655 28,283 28,454 28,279 28,429	Tuesday 6/28/2016 18,918 18,118 17,488 17,987 18,027 19,664 21,126 22,817 22,947 22,947 22,947 22,539 22,589 22,589 22,284	Wednesday 6/29/2016 16,278 16,023 15,922 15,882 16,331 16,577 18,049 19,339 20,063 20,660 21,030 21,372 21,899 21,915 22,041 22,273	Thursday 6/30/2016 9,954 7,725 7,424 7,463 7,826 8,028 8,775 9,780 10,440 10,800 11,097 11,298 11,776 11,892 11,873 11,652	
100 200 300 400 500 700 800 900 1100 1200 1300 1400 1500 1700	Thursday 6/16/2016 19,222 18,823 18,457 18,396 18,953 19,322 20,960 22,882 24,024 24,622 24,908 25,160 25,056 24,866 24,283 23,490 22,157	Friday 6/17/2016 17,058 16,798 16,479 16,530 16,600 18,197 19,322 20,314 20,970 21,663 22,306 19,462 22,237 24,453 22,119	Saturday 6/18/2016 14,326 13,781 13,345 13,345 12,959 13,462 15,038 16,214 17,233 18,181 18,773 19,619 20,265 20,713 21,164 21,374	Sunday 6/19/2016 14,342 13,866 13,166 13,158 12,947 13,541 15,136 16,325 17,815 19,070 19,940 20,735 21,314 22,070 22,669 23,224	Monday 6/20/2016 18,960 18,550 18,414 18,742 19,560 20,342 22,294 24,102 25,616 27,383 28,216 29,041 19,711 30,141 29,082 27,938 26,931	Tuesday 6/21/2016 19,289 18,721 18,373 18,253 18,742 20,628 21,913 22,875 23,744 24,243 25,086 25,640 25,640 25,817 25,719 25,779 25,224	Wednesday 6/22/2016 17,210 16,861 16,527 16,778 17,247 17,318 18,793 20,009 20,702 21,411 22,067 22,735 23,682 23,764 24,170 24,540 24,540	Thursday 6/23/2016 16,558 17,390 17,022 17,261 17,799 18,209 19,851 21,054 21,639 22,349 22,749 22,759 22,779 22,789 22,797 22,788	Friday 6/24/2016 16,806 16,525 15,860 15,990 16,519 16,726 18,274 19,776 20,577 21,448 22,038 22,751 23,270 23,508 23,446 23,407 23,140	Saturday 6/25/2016 14,818 14,209 13,742 13,638 13,670 14,282 15,664 16,896 17,687 18,437 19,094 19,585 20,258 20,753 21,180 21,596	Sunday 6/26/2016 15,265 14,600 14,026 13,828 13,954 13,901 14,401 15,842 17,724 19,464 21,109 22,398 23,130 22,591 23,268 24,056 23,931	Monday 6/27/2016 17,912 17,303 17,148 17,570 18,489 19,021 20,541 22,322 23,889 25,653 26,752 27,655 28,283 28,454 28,279 28,429 28,429	Tuesday 6/28/2016 18,918 18,118 17,488 17,987 18,027 19,664 21,126 21,676 22,255 22,817 22,947 22,797 22,539 22,681 22,284 21,364 20,659	Wednesday 6/29/2016 16,278 16,023 15,922 15,882 16,331 16,577 18,049 19,339 20,063 20,660 21,030 21,372 21,899 21,915 22,041 22,273 22,073 22,187	Thursday 6/30/2016 9,954 7,725 7,424 7,463 7,826 8,028 8,775 9,780 10,440 10,800 11,097 11,298 11,715 11,776 11,892 11,873 11,652 11,118	
te ur 100 200 300 400 500 600 700 800 11000 1200 1300 1400 1500 1700 1700 1700 1800 1800	Thursday 6/16/2016 19,222 18,823 18,457 18,396 18,953 19,322 20,960 22,882 24,024 24,622 24,908 25,160 25,056 24,866 24,283 23,490 22,157 21,357	Friday 6/17/2016 17,058 16,798 16,479 16,530 16,600 16,604 18,197 19,322 20,314 20,970 21,663 22,306 20,865 19,462 22,237 22,453 22,119 21,721	Saturday 6/18/2016 14,326 13,781 13,345 13,263 13,316 12,959 13,462 15,038 16,214 17,233 18,181 18,773 19,619 20,265 20,713 21,164 21,374 21,364	Sunday 6/19/2016 14,342 13,866 13,366 13,158 12,947 13,541 15,136 16,325 17,815 19,070 19,940 20,735 21,314 22,070 22,669 23,224 23,269	Monday 6/20/2016 18,960 18,550 18,414 18,742 19,560 20,342 22,294 24,102 25,616 27,383 28,216 29,041 29,711 30,141 29,082 27,938 26,931 27,338	Tuesday 6/21/2016 19,289 18,721 18,373 18,253 18,742 18,944 20,628 21,913 22,875 23,744 24,243 25,086 25,640 25,817 25,719 25,770 25,770 25,224 24,519	Wednesday 6/22/2016 17,210 16,861 16,527 16,778 17,247 17,318 18,793 20,009 20,702 21,411 22,067 22,735 23,682 23,764 24,170 24,540 24,609 24,069	Thursday 6/23/2016 16,558 17,390 17,022 17,261 17,799 18,209 19,851 21,639 22,349 22,749 22,749 22,759 22,779 22,788 22,900 22,498 21,997	Friday 6/24/2016 16,806 16,525 15,860 15,990 16,519 16,726 18,274 19,776 20,577 21,448 22,038 22,751 23,270 23,508 23,446 23,407 23,140 22,837	Saturday 6/25/2016 14,818 14,209 13,742 13,638 13,670 13,710 14,282 15,664 16,896 17,687 18,437 19,094 19,585 20,258 20,753 21,180 21,596 21,596 21,641	Sunday 6/26/2016 15,265 14,600 14,026 13,828 13,954 13,901 14,401 15,842 17,724 19,464 21,109 22,398 23,130 22,591 23,268 24,056 23,931 23,225	Monday 6/27/2016 17,912 17,303 17,148 17,570 18,489 19,021 20,541 22,322 23,889 25,653 26,752 27,655 28,283 28,454 28,279 28,429 28,125 27,883 27,883 27,883 27,883 27,883	Tuesday 6/28/2016 18,918 18,118 17,488 17,388 17,987 18,027 19,664 21,126 21,675 22,255 22,817 22,947 22,797 22,539 22,681 22,681 22,284 21,364 21,364 20,659 20,120	Wednesday 6/29/2016 16,278 16,023 15,922 16,331 16,577 18,049 19,339 20,063 20,660 21,030 21,372 21,899 21,915 22,041 22,273 22,073 22,187 21,400	Thursday 6/30/2016 9,954 7,725 7,424 7,463 7,826 8,028 8,775 9,780 10,440 10,800 11,097 11,298 11,715 11,776 11,892 11,873 11,652 11,118	
te urr 100 2000 3000 400 500 600 7000 11000 1200 13000 15000 15000 15000 1800 1900 20000 20100	Thursday 6/16/2016 19,222 18,823 18,457 18,396 18,953 19,322 20,960 22,882 24,024 24,622 24,908 25,160 25,056 24,866 24,283 23,490 22,157 21,357 20,508 20,387 20,492	Friday 6/17/2016 17,058 16,798 16,479 16,530 16,604 18,197 19,322 20,314 20,970 21,663 22,306 20,865 19,462 22,237 22,453 22,119 21,721 21,030	Saturday 6/18/2016 14,326 13,781 13,345 13,263 13,316 12,959 13,462 15,038 16,214 17,233 18,181 18,773 19,619 20,265 20,713 21,164 20,916 19,852 19,725	Sunday 6/19/2016 14,342 13,866 13,166 13,158 12,947 13,541 15,136 16,325 17,815 19,070 19,940 20,735 21,314 22,070 22,669 23,224 23,269 22,740 22,110 22,317	Monday 6/20/2016 18,960 18,550 18,414 18,742 19,560 20,342 22,294 24,102 25,616 27,383 28,216 29,041 29,711 30,141 29,082 27,938 26,931 27,338 27,064 26,171 25,439	Tuesday 6/21/2016 19,289 18,721 18,373 18,253 18,742 21,913 22,875 23,744 24,243 25,086 25,640 25,640 25,719 25,770 25,224 24,519 23,668	Wednesday 6/22/2016 17,210 16,861 16,527 16,778 17,247 17,318 18,793 20,009 20,702 21,411 22,067 22,735 23,682 23,764 24,170 24,540 24,609 24,069 23,302	Thursday 6/23/2016 16,558 17,390 17,022 17,261 17,799 18,209 19,851 21,634 21,639 22,349 22,624 22,740 22,759 22,797 22,788 22,900 22,498 21,997 21,041	Friday 6/24/2016 16,806 16,525 15,860 15,990 16,519 16,726 18,274 19,776 20,577 21,448 22,038 22,751 23,270 23,406 23,446 23,407 23,140 22,837 22,286	Saturday 6/25/2016 14,818 14,209 13,742 13,638 13,670 14,282 15,664 16,896 17,687 18,437 19,094 19,585 20,258 20,258 20,753 21,180 21,596 21,596 21,596	Sunday 6/26/2016 15,265 14,600 14,026 13,828 13,954 13,901 14,401 15,842 17,724 19,464 21,109 22,398 23,130 22,591 23,268 24,056 23,931 23,225 22,082	Monday 6/27/2016 17,912 17,303 17,148 17,570 18,489 19,021 20,541 22,322 23,889 25,653 26,752 27,655 28,283 28,454 28,279 28,429 28,429 28,429 28,125 27,883	Tuesday 6/28/2016 18,918 18,118 17,488 17,987 18,027 19,664 21,126 21,676 22,255 22,817 22,947 22,797 22,539 22,681 22,284 21,364 20,659	Wednesday 6/29/2016 16,278 16,023 15,922 15,882 16,331 16,577 18,049 19,339 20,063 20,660 21,030 21,372 21,899 21,915 22,041 22,273 22,073 22,187 22,189	Thursday 6/30/2016 9,954 7,725 7,424 7,463 7,826 8,028 8,775 9,780 10,440 10,800 11,097 11,298 11,715 11,776 11,892 11,873 11,652 11,118 10,501 10,139	
100 200 300 400 500 600 700 900 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200	Thursday 6/16/2016 19,222 18,823 18,457 18,396 18,953 19,322 20,960 22,882 24,024 24,622 24,908 25,160 25,056 24,866 24,283 23,490 22,157 21,357 20,508 20,387	Friday 6/17/2016 17,058 16,798 16,479 16,530 16,600 18,197 19,322 20,314 20,970 21,663 22,306 20,865 19,462 22,237 22,453 22,119 21,721 21,721 21,030 20,487	Saturday 6/18/2016 14,326 13,781 13,345 13,263 13,316 12,959 13,462 15,038 16,214 17,233 18,181 18,773 19,619 20,265 20,713 21,164 21,374 21,364 20,916 19,852	Sunday 6/19/2016 14,342 13,866 13,168 13,158 12,947 13,541 15,136 16,325 17,815 19,070 19,940 20,735 21,314 22,070 22,669 23,224 23,269 22,740 22,110	Monday 6/20/2016 18,960 18,550 18,414 18,742 19,560 20,342 22,294 24,102 25,616 27,383 28,216 29,041 29,711 30,141 29,732 26,931 27,338 26,931 27,338 26,931 27,338	Tuesday 6/21/2016 19,289 18,721 18,373 18,253 18,742 20,628 21,913 22,875 23,744 24,243 25,086 25,640 25,817 25,719 25,770 25,224 24,519 23,608 22,281	Wednesday 6/22/2016 17,210 16,861 16,527 16,778 17,247 17,318 18,793 20,009 20,702 21,411 22,067 22,735 23,682 23,764 24,170 24,540 24,609 24,069 23,302 23,151	Thursday 6/23/2016 16,558 17,390 17,022 17,261 17,799 18,209 19,851 21,054 21,639 22,349 22,624 22,740 22,759 22,797 22,788 22,900 22,498 21,997 21,041 20,554	Friday 6/24/2016 16,806 16,525 15,860 15,990 16,519 16,726 18,274 19,776 20,577 21,448 22,038 22,751 23,270 23,508 23,446 23,407 22,837 22,837 22,286 21,349	Saturday 6/25/2016 14,818 14,209 13,742 13,638 13,670 14,282 15,664 16,896 17,687 18,437 19,094 19,585 20,258 20,753 21,180 21,596 21,641 21,386 20,653	Sunday 6/26/2016 15,265 14,600 14,026 13,828 13,954 13,991 14,401 15,842 17,724 19,464 21,109 22,398 23,130 22,591 23,268 24,056 23,931 23,225 22,082 21,607	Monday 6/27/2016 17,912 17,303 17,148 17,570 18,489 19,021 20,541 22,322 23,889 25,653 26,752 27,655 28,283 28,454 28,279 28,429 28,125 27,883 27,883 27,883 27,883 27,883 27,883 27,883 25,652	Tuesday 6/28/2016 18,918 18,118 17,488 17,987 18,027 19,664 21,126 21,675 22,255 22,817 22,947 22,797 22,539 22,681 22,284 21,364 20,659 20,120 19,723	Wednesday 6/29/2016 16,278 16,023 15,922 15,882 16,331 16,577 18,049 19,339 20,063 20,660 21,030 21,372 21,899 21,915 22,041 22,273 22,187 21,400 20,906 20,906	Thursday 6/30/2016 9,954 7,725 7,424 7,463 7,826 8,028 8,775 9,780 10,440 10,800 11,097 11,298 11,776 11,892 11,873 11,652 11,118 10,501 10,139 10,050	
1000 2000 3000 1000 11000 12000 15000 17000 12000 21000 22000 22000 22000 22000 22000 23000	Thursday 6/16/2016 19,222 18,823 18,457 18,396 18,953 19,322 20,960 22,882 24,024 24,622 24,908 25,160 25,056 24,866 24,283 23,490 22,157 21,357 20,508 20,387 20,492 19,735 18,700	Friday 6/17/2016 17,058 16,798 16,798 16,530 16,600 18,197 19,322 20,314 20,970 21,663 22,306 20,865 19,462 22,237 22,453 22,119 21,721 21,030 20,487 20,126 19,118 17,117	Saturday 6/18/2016 14,326 13,781 13,345 13,263 13,316 12,959 13,462 15,038 16,214 17,233 18,181 18,773 19,619 20,265 20,713 21,164 21,374 21,364 20,916 19,952 19,725 18,779 17,065	Sunday 6/19/2016 14,342 13,866 13,166 13,168 12,947 13,541 15,136 16,325 17,815 19,070 19,940 20,735 21,314 22,070 22,669 23,224 23,269 22,740 22,317 21,689 20,647	Monday 6/20/2016 18,960 18,550 18,414 18,742 19,560 20,342 22,294 24,102 25,616 27,383 28,216 29,041 29,711 30,141 29,082 27,938 26,931 27,338 27,064 26,171 25,439 28,256	Tuesday 6/21/2016 19,289 18,721 18,373 18,253 18,742 18,944 20,628 21,913 22,875 23,744 24,243 25,086 25,640 25,817 25,719 25,770 25,224 24,519 23,608 22,811 23,608 23,608 22,281 21,745	Wednesday 6/22/2016 17,210 16,861 16,527 16,778 17,247 17,318 18,793 20,009 20,702 21,411 22,067 22,735 23,682 23,764 24,170 24,540 24,609 24,069 23,302 23,151 22,948	Thursday 6/23/2016 16,558 17,390 17,022 17,261 17,799 18,209 19,851 21,639 22,349 22,624 22,740 22,759 22,797 22,788 22,900 22,498 21,997 21,041 20,554 20,556	Friday 6/24/2016 16,806 16,525 15,860 15,990 16,519 16,726 18,274 19,776 20,577 21,448 22,038 22,751 23,270 23,508 23,446 23,407 23,140 22,837 22,286 21,349 20,651	Saturday 6/25/2016 14,818 14,209 13,742 13,638 13,670 13,710 14,282 15,664 16,896 17,687 18,437 19,094 19,585 20,258 20,753 21,180 21,596 21,596 21,641 21,386 20,653 20,037	Sunday 6/26/2016 15,265 14,600 14,026 13,828 13,954 13,901 14,401 15,842 17,724 19,464 21,109 22,398 23,130 22,591 23,268 24,056 23,931 23,225 22,082 21,607 21,180	Monday 6/27/2016 17,912 17,303 17,148 17,570 18,489 19,021 20,541 22,322 23,889 25,653 26,752 27,655 28,283 28,454 28,279 28,429 28,125 27,883 27,063 28,429 28,125 27,883 27,063	Tuesday 6/28/2016 18,918 18,118 17,488 17,388 17,987 18,027 19,664 21,126 21,675 22,255 22,817 22,947 22,797 22,539 22,681 22,284 21,364 20,659 20,120 19,723 19,902	Wednesday 6/29/2016 16,278 16,023 15,922 15,882 16,331 16,577 18,049 19,339 20,063 20,660 21,030 21,372 21,899 21,915 22,041 22,273 22,073 22,187 22,187 22,189	Thursday 6/30/2016 9,954 7,725 7,424 7,463 7,826 8,028 8,775 9,780 10,440 10,800 11,097 11,298 11,715 11,776 11,892 11,873 11,652 11,118 10,501 10,139	
100 200 300 400 500 600 700 900 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200	Thursday 6/16/2016 19,222 18,823 18,457 18,396 18,953 19,322 20,960 22,882 24,024 24,622 24,908 25,160 25,056 24,866 24,283 23,490 22,157 21,357 20,508 20,387 20,492 19,735	Friday 6/17/2016 17,058 16,798 16,479 16,530 16,600 16,600 18,197 19,322 20,314 22,306 20,865 19,462 22,237 22,453 22,119 21,721 21,030 20,487 20,487 20,487 20,487 20,487	Saturday 6/18/2016 14,326 13,781 13,345 13,263 13,316 12,959 13,462 15,038 16,214 17,233 18,181 18,773 19,619 20,265 20,713 21,164 21,374 21,364 20,916 19,852 19,725 18,719	Sunday 6/19/2016 14,342 13,866 13,366 13,158 12,947 13,541 15,136 16,325 17,815 19,070 19,940 20,735 21,314 22,070 22,669 23,224 23,269 22,740 22,110 22,317 21,689	Monday 6/20/2016 18,960 18,550 18,414 18,742 19,560 20,342 22,294 24,102 25,616 27,383 28,216 29,041 29,711 30,141 29,082 27,938 26,931 27,338 27,064 26,171 25,439 23,858	Tuesday 6/21/2016 19,289 18,721 18,373 18,253 18,742 18,944 20,628 21,913 22,875 23,744 24,243 25,086 25,640 25,817 25,719 25,770 25,274 24,519 23,608 22,281 21,745 20,885	Wednesday 6/22/2016 17,210 16,861 16,527 16,778 17,247 17,318 18,793 20,009 20,702 21,411 22,067 22,735 23,682 23,764 24,170 24,540 24,609 24,069 23,302 23,3151 22,948 21,690	Thursday 6/23/2016 16,558 17,390 17,022 17,261 17,799 18,209 19,851 21,639 22,1634 22,740 22,759 22,797 22,788 22,900 22,498 21,997 21,041 20,554 20,558 20,586 19,870	Friday 6/24/2016 16,806 16,525 15,860 15,990 16,519 16,726 18,274 19,776 20,577 21,448 22,038 22,751 23,270 23,508 23,407 23,446 23,407 23,407 23,140 22,837 22,286 21,349 20,651 19,515	Saturday 6/25/2016 14,818 14,209 13,742 13,638 13,670 13,710 14,282 15,664 16,896 17,687 18,437 19,094 19,585 20,258 20,753 21,180 21,596 21,641 21,386 20,653 20,037 19,149	Sunday 6/26/2016 15,265 14,600 14,026 13,828 13,954 13,901 14,401 15,842 17,724 19,464 21,109 22,398 23,130 22,591 23,268 24,056 23,931 23,225 22,082 21,607 21,180 20,303	Monday 6/27/2016 17,912 17,303 17,148 17,570 18,489 19,021 20,541 22,322 23,889 25,653 26,752 27,655 28,283 28,454 28,279 28,429 28,125 27,883 27,063 25,821 24,845 26,845 26,845 26,845 26,845	Tuesday 6/28/2016 18,918 18,118 17,488 17,987 18,027 19,664 21,126 21,675 22,255 22,817 22,947 22,797 22,539 22,681 22,284 21,364 20,659 20,120 19,723 19,902 19,922	Wednesday 6/29/2016 16,278 16,023 15,922 15,882 16,331 16,577 18,049 19,339 20,063 21,030 21,372 21,899 21,915 22,041 22,273 22,187 22,187 22,187 22,041 22,273 22,187 21,400 20,906 20,631 19,977	Thursday 6/30/2016 9,954 7,725 7,424 7,463 7,826 8,028 8,775 9,780 10,440 10,800 11,097 11,298 11,775 11,776 11,892 11,873 11,652 11,118 10,501 10,139 10,050 9,687	
1000 2000 3000 1000 11000 12000 15000 17000 12000 22000 22000 23000 23000	Thursday 6/16/2016 19,222 18,823 18,457 18,396 18,953 19,322 20,960 22,882 24,024 24,622 24,908 25,160 25,056 24,866 24,283 23,490 22,157 21,357 20,508 20,387 20,492 19,735 18,700	Friday 6/17/2016 17,058 16,798 16,798 16,530 16,600 18,197 19,322 20,314 20,970 21,663 22,306 20,865 19,462 22,237 22,453 22,119 21,721 21,030 20,487 20,126 19,118 17,117	Saturday 6/18/2016 14,326 13,781 13,345 13,263 13,316 12,959 13,462 15,038 16,214 17,233 18,181 18,773 19,619 20,265 20,713 21,164 21,374 21,364 20,916 19,952 19,725 18,779 17,065	Sunday 6/19/2016 14,342 13,866 13,166 13,168 12,947 13,541 15,136 16,325 17,815 19,070 19,940 20,735 21,314 22,070 22,669 23,224 23,269 22,740 22,317 21,689 20,647	Monday 6/20/2016 18,960 18,550 18,414 18,742 19,560 20,342 22,294 24,102 25,616 27,383 28,216 29,041 29,711 30,141 29,082 27,938 26,931 27,338 27,064 26,171 25,439 28,256	Tuesday 6/21/2016 19,289 18,721 18,373 18,253 18,742 20,628 21,913 22,875 23,744 24,243 25,086 25,640 25,817 25,719 25,770 25,224 24,519 23,608 22,281 21,745 21,745 20,885 19,281	Wednesday 6/22/2016 17,210 16,861 16,527 16,778 17,247 17,318 18,793 20,009 20,702 21,411 22,067 22,735 23,682 23,764 24,170 24,540 24,609 24,609 24,069 23,302 23,151 22,948 21,690 20,079	Thursday 6/23/2016 16,558 17,390 17,022 17,261 17,799 18,209 19,851 21,639 22,349 22,624 22,740 22,759 22,797 22,788 22,900 22,498 21,997 21,041 20,554 20,554 20,586 19,870 18,527	Friday 6/24/2016 16,806 16,525 15,860 15,990 16,519 16,726 18,274 19,776 20,577 21,448 22,038 22,751 23,270 23,508 23,407 23,140 22,837 22,286 21,349 20,651 19,515	Saturday 6/25/2016 14,818 14,209 13,742 13,638 13,670 14,282 15,664 16,896 17,687 18,437 19,094 19,585 20,258 20,753 21,180 21,596 21,641 21,386 20,653 20,037 11,386 20,653 20,037 19,149	Sunday 6/26/2016 15,265 14,600 14,026 13,828 13,954 13,901 14,401 15,842 17,724 19,464 21,109 22,398 23,130 22,591 23,268 24,056 23,931 23,225 22,082 21,607 21,180 20,303 19,629	Monday 6/27/2016 17,912 17,303 17,148 17,570 18,489 19,021 20,541 22,322 23,889 25,653 26,752 27,655 28,283 28,454 28,279 28,429 28,125 27,883 27,063 25,821 24,845 24,845 24,845 24,845 24,845	Tuesday 6/28/2016 18,918 18,118 17,488 17,987 18,027 19,664 21,126 21,675 22,255 22,817 22,947 22,797 22,539 22,681 22,284 21,364 20,659 20,120 19,723 19,902 19,222 17,860	Wednesday 6/29/2016 16,278 16,023 15,922 15,882 16,331 16,577 18,049 19,339 20,063 20,660 21,030 21,372 21,899 21,915 22,041 22,273 22,073 22,187 21,400 20,906 20,631 19,977 18,652	Thursday 6/30/2016 9,954 7,725 7,424 7,463 7,826 8,028 8,775 9,780 10,440 10,800 11,097 11,298 11,715 11,776 11,892 11,118 10,501 10,139 10,050 9,687 8,992	



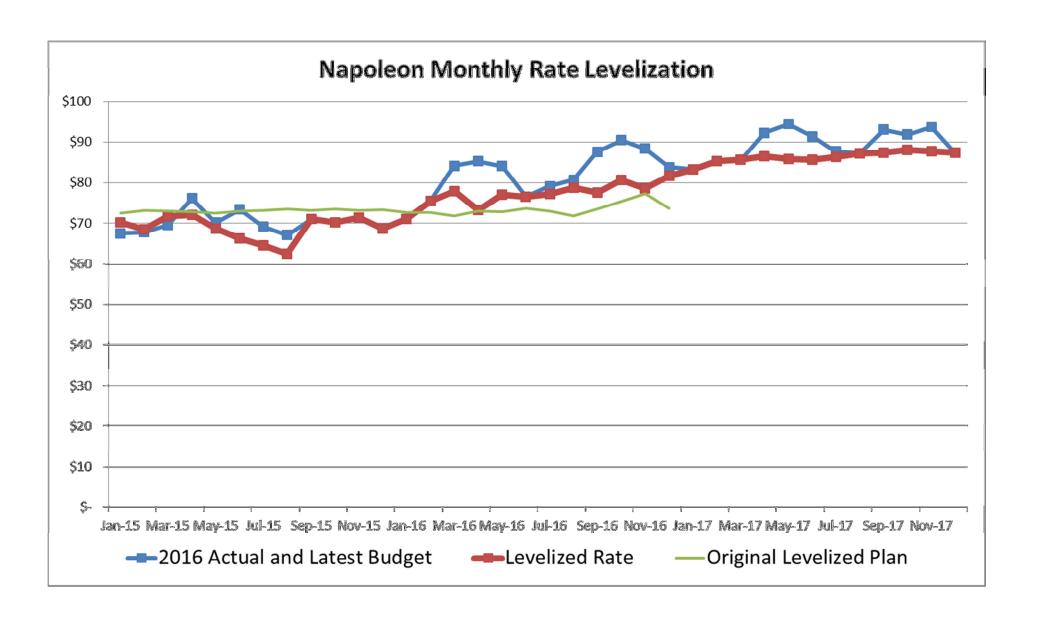
Good Afternoon Greg,

Rate levelization chart is attached.

June power rates came in around \$7/MWh below forecast due to lower production from the hydro projects and higher load than forecast. It is recommended that we not pass back the \$80,000 in levelization funds that we had planned on. Instead, we pass an extra \$20,000 back in April, May, June and July 2017. The graph in the attached file shows the impact of this adjustment.

Sincerely

Monica





Omega Joint Venture Two INVOICE NUMBER: 193389

1111 Schrock Rd, Suite 100 **INVOICE DATE**: 7/12/2016

COLUMBUS, OHIO 43229 **DUE DATE**: 7/22/2016

PHONE: (614) 540-1111 TOTAL AMOUNT DUE: \$926.92

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 - June, 2016

FIXED RATE CHARGE: 264 kW * \$3.17 / kW = \$837.26

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 = \$89.66

TOTAL CHARGES \$926.92



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: 193469

INVOICE DATE: 7/5/2016

DUE DATE: 7/15/2016

TOTAL AMOUNT DUE: \$90,543.49

CUSTOMER NUMBER: 5020

CUSTOMER P.O. NUMBER: BL980397

MAKE CHECKS PAYABLE TO: OMEGA JV5

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

FOR THE MONTH/YEAR OF: June, 2016 **DEMAND CHARGES:** Base Financing Demand Charge: (Invoiced seperately as of 1/1/07) Base Operating Expense Demand Charge: \$11.442014 / kW * 3.088 kW =\$35,332.94 Seca Associated with JV5. \$0.000000 / kW * 3.088 kW =\$0.00 TOTAL DEMAND CHARGES: \$11.442014 / kW * 3.088 kW =\$35,332.94 **ENERGY CHARGES:** JV5 Repl. Pwr. & Variable (Budgeted Rate): \$0.024832 / kWh * 2,223,360 kWh = \$55,210.55 \$0.000000 /kWh* 2.223.360 kWh = JV5 Fuel Cost (Actual Expense): \$0.00 **TOTAL ENERGY CHARGES:** \$0.024832 /kWh* 2,223,360 kWh = \$55,210.55 SUB-TOTAL \$90,543.49

Total OMEGA JV5 Invoice:	\$90,543.49
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1111 Schrock Rd, Suite 100 Columbus, Ohio 43229 Phone: (614) 540-1111 Fax: (614) 540-1078

City of Napoleon

Gregory J. Heath, Finance Director 255 W. Riverview Ave., P.O. Box 151 Napoleon, Ohio 43545-0151 INVOICE NUMBER: 193511

INVOICE DATE: 7/5/2016

DUE DATE: 7/15/2016

TOTAL AMOUNT DUE: \$55,381.81

CUSTOMER NUMBER: 5020

CUSTOMER P.O. NUMBER: BL980397

MAKE CHECKS PAYABLE TO: OMEGA JV5

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

Debt Service - OMEGA JV5

FOR THE MONTH/YEAR OF: July, 2016

Financing CHARGES:

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



AMERICAN MUNICIPAL POWER, INC.

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

FAX: (614) 540-1078

INVOICE NUMBER: 193529

INVOICE DATE: 7/5/2016

DUE DATE: 7/19/2016

TOTAL AMOUNT DUE: \$1,576.48

CUSTOMER NUMBER: 5020

CUSTOMER P.O. #:

City of Napoleon

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

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

Omega JV6

Project Capacity: 300 kW

Year 2016

Electric Fixed

300 kW * 5.25 per kW-Month

July, 2016 - Electric Fixed \$1,576.48

AMOUNT DUE FOR:

TOTAL CHARGES \$1,576.48

BILLING SUMMARY AN	<u>D CO</u>	<u>NSUM</u>	IPTION fo	<u>r BILLING</u>	<u>CYCLE</u>	<u>- AUGL</u>	<u>IST, 2016</u>	<u>2</u>							
AUGUST, 2016 2016 - AUGUST BILLING WITH JULY 2016 DATA BILLING UNITS															
2016 - AUGUST BILLING WITH JULY 20	16 DATA		UNITS				Cost / kWH					045			
01	D-4-	Jul-16	1.140	1.140	D:II 1 1-1/-	04/13901		Aug-15			04/13/01	Sep-15	045	045	04/1980
Class and/or	Rate	# of	Jul-16	Jul-16	Billed kVa	Cost / kWH	Prior 12 Mo	# of	Aug-15	Aug-15	Cost / kWH	# of	Sep-15	Sep-15	Cost / kWF
Schedule	Code	<u>Bills</u>	(kWh Usage)	<u>Billed</u>	of Demand	For Month	Average	<u>Bills</u>	(kWh Usage)	Billed	For Month	<u>Bills</u>	(kWh Usage)	Billed	For Month
Residential (Dom-In)	E1	3,340	2,133,169	\$248,418.37	0	\$0.1165		3,345	2,432,992	\$261,151.97	\$0.1073	3,357	3,009,830	\$309,195.73	\$0.102
Residential (Dom-In) w/Ecosmart	E1E	9	4,890	\$577.51	0	\$0.1181	\$0.1079	10	6,313	\$685.86	\$0.1086	10	8,544	\$880.66	\$0.103
Residential (Dom-In - All Electric)	E2	613	381,668	\$44,540.19	0	\$0.1167		607	401,010	\$43,387.95	\$0.1082	608	475,200	\$49,287.93	\$0.103
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	692	\$80.09	0	\$0.1157	\$0.1052	1	917	\$96.91	\$0.1057	1	1,019	\$103.88	\$0.101
							*****				*****				
Total Residential (Domestic)		3,963	2,520,419	\$293,616.16	0	\$0.1165	\$0.1053	3,963	2,841,232	\$305,322.69	\$0.1075	3,976	3,494,593	\$359,468.20	\$0.102
Residential (Rural-Out)	ER1	757	712,526	\$87,201.53	0	\$0.1224		752	731,539	\$83,480.22	\$0.1141	752	856,818	\$93,834.18	\$0.109
Residential (Rural-Out) w/Ecosmart	ER1E	4		\$316.19	0	\$0.1280		4	2,524	\$302.24	\$0.1197	4	3,050	\$347.44	\$0.113
Residential (Rural-Out - All Electric)	ER2	383	380,642	\$46,371.53	0	\$0.1218		386	389,872	\$44,339.94	\$0.1137	389	459,500	\$50,180.31	\$0.109
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2		\$199.48	0	\$0.1242		2		\$144.72	\$0.1205	2	1,369	\$157.93	\$0.115
Residential (Rural-Out w/Dmd)	ER3	16		\$2,377.56	252	\$0.1197		15		\$2,003.96	\$0.1121	15	9,622	\$1,118.35	\$0.116
Residential (Rural-Out - All Electric w/Dm	ER4	9	7,401	\$917.12	63	\$0.1239	\$0.1081	9	7,864	\$906.42	\$0.1153	9	9,346	\$1,031.20	\$0.110
Total Residential (Rural)		1,171	1,124,503	\$137,383.41	315	\$0.1222	\$0.1106	1,168	1,150,878	\$131,177.50	\$0.1140	1,171	1,339,705	\$146,669.41	\$0.109
Commercial (1 Ph-In - No Dmd)	EC2	72	47,338	\$6,768.08	13	\$0.1430	\$0.1332	75	43,780	\$6,014.28	\$0.1374	75	45,629	\$6,090.42	\$0.133
Commercial (1 Ph-Out - No Dmd)	EC2O	46	6,906	\$1,415.05	0	\$0.2049		42	7,054	\$1,329.85	\$0.1885	42	7,671	\$1,378.18	
,															
Total Commercial (1 Ph) No Dmd		118	54,244	\$8,183.13	13	\$0.1509	\$0.1399	117	50,834	\$7,344.13	\$0.1445	117	53,300	\$7,468.60	\$0.140
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Commercial (1 Ph-In - w/Demand)	EC1	257	297,012	\$43,203.06	1842	\$0.1455	\$0.1290	256	339,892	\$45,546.10	\$0.1340	257	380,148	\$48,330.68	\$0.127
Commercial (1 Ph-Out - w/Demand)	EC10	26	38,595	\$5,289.71	189	\$0.1433		25	33,702	\$4,489.48	\$0.1340	24	34,571	\$4,404.97	\$0.127
Commercial (1111-Out - W/Demand)	LOIO			ψυ,200.71	103	ψ0.1371	ψ0.1201	20	33,702	ψ+,+03.40	ψ0.1332	24	34,371	φ4,404.37	Ψ0.127
Total Commercial (1 Ph) w/Demand		283	335,607	\$48,492.77	2,031	\$0.1445	\$0.1290	281	373,594	\$50,035.58	\$0.1339	281	414,719	\$52,735.65	\$0.127
Total Commercial (1 Fil) w/Demand		200	333,007	ψ τ υ, τ 32.77	2,001	φ0.1 113 3	\$0.1230	201	373,334	\$30,033.30	\$0.1555	201	717,713	\$32,733.03	φ0.127
0 :1/0 51 0 : 11 5 15	F040				_	#4.0050	\$0.4000		40	***	\$4.04 7 0			0.15.44	\$0.500
Commercial (3 Ph-Out - No Dmd)	EC4O	2	40	\$41.00	8	\$1.0250	\$0.1360	2	40	\$40.68	\$1.0170	2	80	\$45.11	\$0.563
Total Commercial (3 Ph) No Dmd		2	40	\$41.00	8	\$1.0250	\$0.1360	2	40	\$40.68	\$1.0170	2	80	\$45.11	\$0.563
Commercial (3 Ph-In - w/Demand)	EC3	201	1,379,117	\$172,587.98	4993	\$0.1251	\$0.1134	208	1,667,068	\$193,578.75	\$0.1161	209	1,788,777	\$199,840.42	\$0.111
Commercial (3 Ph-Out - w/Demand)	EC3O	39	283,681	\$36,648.60	1359	\$0.1292	\$0.1131	38	351,305	\$41,198.22	\$0.1173	39	369,943	\$42,978.63	\$0.116
Commercial (3 Ph-In - w/Dmd.&Sub-St.C	EC3S	0	0	\$0.00	0	\$0.0000	\$0.1018	2	164,520	\$17,424.80	\$0.1059	2	204,960	\$20,921.37	\$0.102
Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	3	120,080	\$14,126.22	458	\$0.1176	\$0.1064	3	141,360	\$15,487.53	\$0.1096	3	106,600	\$11,944.61	\$0.112
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	1,880	\$235.92	6	\$0.1255	\$0.1154	1	2,960	\$362.43	\$0.1224	1	3,280	\$414.79	\$0.126
											l				l
Total Commercial (3 Ph) w/Demand		244	1,784,758	\$223,598.72	6,816	\$0.1253	\$0.1125	252	2,327,213	\$268,051.73	\$0.1152	254	2,473,560	\$276,099.82	\$0.111
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Large Power (In - w/Dmd & Rct)	EL1	21	2,611,643	\$261,934.52	6127	\$0.1003	\$0.0892	21	2,483,390	\$232,286.37	\$0.0935	21	2,809,626	\$244,150.03	\$0.086
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3		\$92,615.26	2060	\$0.0950		1	713,392	\$56,261.96	\$0.0789	- 1	840,500	\$64,298.04	\$0.076
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	1		\$40,258.99	920	\$0.0993	\$0.0916	1	265,200	\$27,074.00	\$0.1021	1	321,600	\$28,453.60	\$0.088
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2		\$14,994.13	597	\$0.2012		2		\$14,751.37		2	79,802	\$9,925.82	
Large Fower (III W/Billa a Fiet, W/6561)	LLO		74,000	ψ1+,00+.10	007	Ψ0.2012	ψ0.1100		77,400	Ψ14,701.07	ψ0.1304		70,002	ψυ,υΣυ.υΣ	ψ0.12-
Total Large Power		27	4,066,929	\$409,802.90	9,704	\$0.1008	\$0.0881	25	3,539,465	\$330,373.70	\$0.0933	25	4,051,528	\$346,827.49	\$0.085
Total Large Fower			4,000,323	\$ 403,002.30	3,704	\$0.1000	\$0.0001	23	3,333,403	\$550,575.70	\$0.0333	25	4,031,320	\$540,027.49	φυ.υυσ
Industrial (In - w/Dmd & Rct, w/SbCr)	El1	1	989,828	\$87,858.45	1932	\$0.0888	\$0.0771	4	998,762	¢00 701 17	\$0.0828		1,197,585	\$90,044.76	\$0.075
Industrial (In - w/Dmd & Rct, w/SbCr) Industrial (In - w/Dmd & Rct, No/SbCr)										\$82,701.17					
industriai (in - w/Dmd & Rct, No/SbCr)	El2	<u> </u>	1,001,560	\$85,009.44	1679	\$0.0849	\$0.0759		1,052,393	\$85,875.61	\$0.0816		1,268,977	\$93,848.76	\$0.074
-			4 004 000	***************************************		** ***	00.0705		0.054.455	A400 FT0 T0	** ***		2.466.562	A400 000 50	***
Total Industrial		2	1,991,388	\$172,867.89	3,611	\$0.0868	\$0.0765	2	2,051,155	\$168,576.78	\$0.0822	2	2,466,562	\$183,893.52	\$0.074
Interdepartmental (In - No Dmd)	ED1	7	- ,	\$4,545.42	159	\$0.1211		8	51,229	\$5,640.62	\$0.1101	8	53,261	\$5,694.67	\$0.106
Interdepartmental (Out - No Dmd)	ED10	0		\$0.00	0	\$0.0000		0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.000
Interdepartmental (Out - w/Dmd)	ED2O	2		\$102.05	0	\$0.1635	\$0.1611	2		\$127.65	\$0.1442	2	1,033	\$141.76	\$0.137
Interdepartmental (In - w/Dmd)	ED2	30		\$3,251.87	0	\$0.1405		31	21,096	\$2,841.84	\$0.1347	27	25,195	\$3,193.85	\$0.126
Interdepartmental (3Ph-In - w/Dmd)	ED3	11		\$19,556.26	609	\$0.1165		- 11		\$23,641.06		11	201,469	\$21,275.17	
Interdepartmental (Street Lights)	EDSL	7	62,879	\$5,850.15	0	\$0.0930		7	62,879	\$5,850.15		7	62,879	\$5,850.15	
Interdepartmental (Traffic Signals)	EDTS	9	1,702	\$157.37	0	\$0.0925	\$0.0924	15	1,676	\$154.50	\$0.0922	15	1,657	\$153.18	\$0.092
Generators (JV2 Power Cost Only)	GJV2	1		\$227.66	27	\$0.0138		1	15,739	\$712.35	\$0.0453	1	14,697	\$625.95	\$0.042
Generators (JV5 Power Cost Only)	GJV5	1	12,432	\$171.44	20	\$0.0138	\$0.0000	1	11,638	\$526.74	\$0.0453	1	11,234	\$478.46	\$0.042
						1									
Total Interdepartmental		68	322,741	\$33,862.22	815	\$0.1049	\$0.0987	76	381,331	\$39,494.91	\$0.1036	72	371,425	\$37,413.19	\$0.100
SUB-TOTAL CONSUMPTION & DEMAN	D	5,878	12,200,629	\$1,327,848.20	23,313	\$0.1088	\$0.0975	5,886	12,715,742	\$1,300,417.70	\$0.1023	5,900	14,665,472	\$1,410,620.99	\$0.096
															1
															l
Street Lights (In)	SLO	16	0	\$13.73	n	\$0.0000	\$0.2335	15	0	\$13.59	\$0.0000	15	0	\$13.59	\$0.000
Street Lights (Out)	SLOO	2		\$0.77	n	\$0.0000		2	0			2	0	\$0.77	
				Ψ0.77		\$0.0000	Ţ0.0000			Ψ0.77	Ţ0.0000			Ψ0.77	\$0.000
Total Street Light Only		18	0	\$14.50	0	\$0.0000	\$0.2399	17		\$14.36	\$0.0000	17	0	\$14.36	\$0.000
				ψ17.00		Ç0.0000	Ç0.2033			Ψ17.00	Ç0.0000			ψ14.00	\$0.000
i l															
TOTAL CONSUMPTION & DEMAND		5,896	12,200,629	\$1,327,862.70	23,313	\$0.1088	\$0.0975	5,903	12,715,742	\$1,300,432.06	\$0.1023	5,917	14,665,472	\$1,410,635.35	\$0.096

BILLING SUMMARY AN	ID CO	l															
AUGUST, 2016																	
2016 - AUGUST BILLING WITH JULY 20	016 DATA																
Class and/or	Rate	Oct-15 # of	0-145	Oct-15	Cost / kWH	Nov-15 # of	Nov. 45	Nov-15	Cost / kWH	Dec-15 # of	Dec 45	Dec-15	Cost / kWH	Jan-16 # of	lan 40	Jan-16	Cost / kWH
			Oct-15 (kWh Usage)				Nov-15				Dec-15				Jan-16		
Schedule	Code	Bills		Billed	For Month	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month
Residential (Dom-In) Residential (Dom-In) w/Ecosmart	E1	3,342	2,616,403	\$258,762.94	\$0.0989	3,344	1,988,662	\$204,893.24	\$0.1030	3,356	1,798,371	\$184,274.36	\$0.1025	3,336	1,861,416	\$195,822.68	\$0.1052
, , , , , , , , , , , , , , , , , , , ,	E1E	10 611	6,667 420,610	\$668.28 \$42.035.32	\$0.1002	10 611		\$496.63	\$0.1057	10 608	4,126 377.629	\$436.57	\$0.1058	10	4,037	\$441.29	\$0.1093
Residential (Dom-In - All Electric)	E2	611			\$0.0999	611		\$35,380.27	\$0.1037	608		\$38,115.47	\$0.1009	603	469,722	\$47,982.01	\$0.1021
Res.(Dom-In - All Elec.) w/Ecosmart	E2E		889	\$87.10	\$0.0980	<u>'</u>	781	\$78.58	\$0.1006		616	\$62.21	\$0.1010	- 1	481	\$51.43	\$0.1069
Total Residential (Domestic)		3,964	3,044,569	\$301,553.64	\$0.0990	3,966	2,335,363	\$240,848.72	\$0.1031	3,975	2,180,742	\$222,888.61	\$0.1022	3,950	2,335,656	\$244,297.41	\$0.1046
Residential (Rural-Out)	ER1	751	785,000	\$82,819.91	\$0.1055	754	599,673	\$66,098.28	\$0.1102	758	639,997	\$69,004.14	\$0.1078	756	692,545	\$76,216.42	\$0.1101
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,854	\$313.96	\$0.1100	4	2,178	\$252.82	\$0.1161	4	2,380	\$268.56	\$0.1128	4	2,902	\$327.89	\$0.1130
Residential (Rural-Out - All Electric)	ER2	388	429,237	\$45,060.90	\$0.1050	386		\$37,798.14	\$0.1087	387	392,331	\$41,522.79	\$0.1058	383	425,593	\$46,020.44	\$0.1081
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2	1,268	\$141.65	\$0.1117	2	1,369	\$153.67	\$0.1122	2	1,653	\$178.64	\$0.1081	2	2.005	\$218.79	\$0.1091
Residential (Rural-Out w/Dmd)	ER3	15		\$2,093.89	\$0.1032	15		\$1,972.49	\$0.1054	15		\$5,333.52	\$0.0984	16	98,686	\$9,894.24	\$0.1003
Residential (Rural-Out - All Electric w/Dm		9	8.917	\$945.17	\$0.1052	13	9,782	\$1,044.46	\$0.1054	9	28,708	\$2,837.96	\$0.0989	- 10	13,792	\$1,455.82	\$0.1056
nesidentiai (ndrai-Odt - Ali Electric W/Dii	LN4		0,917	φ543.17	φυ.1060		9,702	\$1,044.40	φυ.1000		20,700	φ2,037.90	φυ.υσοσ		13,792	φ1, 4 33.62	φυ.1030
Total Residential (Rural)		1,169	1,247,574	\$131,375.48	\$0.1053	1,170	979,287	\$107,319.86	\$0.1096	1,175	1,119,264	\$119,145.61	\$0.1064	1,170	1,235,523	\$134,133.60	\$0.1086
Commercial (1 Ph-In - No Dmd)	EC2	77		\$6,031.02	\$0.1287	74		\$5,835.07	\$0.1305	74	46,142	\$5,915.34	\$0.1282	74	43,794	\$5,800.34	\$0.1324
Commercial (1 Ph-Out - No Dmd)	EC2O	42	7,182	\$1,288.03	\$0.1793	43	6,331	\$1,218.01	\$0.1924	43	10,729	\$1,686.33	\$0.1572	43	8,154	\$1,432.14	\$0.1756
Total Commercial (1 Ph) No Dmd		119	54,060	\$7,319.05	\$0.1354	117	51,051	\$7,053.08	\$0.1382	117	56,871	\$7,601.67	\$0.1337	117	51,948	\$7,232.48	\$0.1392
Commercial (1 Ph-In - w/Demand)	EC1	257	393,299	\$48,938.68	\$0.1244	255	350,282	\$44,482.88	\$0.1270	255	279,725	\$37,007.69	\$0.1323	255	275,088	\$36,491.09	\$0.1327
Commercial (1 Ph-Out - w/Demand)	EC10	24	31,736	\$3,922.40	\$0.1236	24	29,420	\$3,757.18	\$0.1277	24	25,782	\$3,300.75	\$0.1280	24	30,192	\$3,885.43	\$0.1287
(70,022					*****								******
Total Commercial (1 Ph) w/Demand		281	425,035	\$52,861.08	\$0.1244	279	379,702	\$48,240.06	\$0.1270	279	305,507	\$40,308.44	\$0.1319	279	305,280	\$40,376.52	\$0.1323
(****, ********************************			,,,,,	702,000.000	*****		010,100	¥ 10,= 10100	******			¥ 10,000	***************************************			¥ 10,01010	*************
Commercial (3 Ph-Out - No Dmd)	EC4O	2	40	\$40.37	\$1.0093	2	80	\$44.86	\$0.5608	2	40	\$40.37	\$1.0093	2	15,040	\$1,719.24	\$0.1143
Commercial (3 Fil-Out - No Dillu)	E040		40	φ40.37	\$1.0053		00	φ44.00	φ0.5006		40	φ40.37	\$1.0053		15,040	φ1,719.24	φυ.1143
Total Commercial (3 Ph) No Dmd		2	40	\$40.37	\$1.0093	2	80	\$44.86	\$0.5608		40	\$40.37	\$1.0093	2	15,040	\$1,719.24	\$0.1143
Total Commercial (3 PH) No Dilid			40	\$40.37	\$1.0093		60	\$44.00	\$0.5006		40	\$40.37	\$1.0093		15,040	\$1,719.24	Ф 0.1143
Commercial (3 Ph-In - w/Demand)	EC3	207	1,964,197	\$210,975.13	\$0.1074	208	1,707,544	\$189,181.38	\$0.1108	206	1,511,932	\$165,693.78	\$0.1096	205	1,414,090	\$158,505.09	\$0.1121
Commercial (3 Ph-Out - w/Demand)	EC3O	39	490,615	\$51,407.18	\$0.1048	39		\$44,312.51	\$0.1116	39	556,051	\$58,181.67	\$0.1046	39	438,660	\$48,468.19	\$0.1105
Commercial (3 Ph-In - w/Dmd.&Sub-St.C	EC3S	2	186,840	\$18,491.86	\$0.0990	2	203,880	\$20,524.88	\$0.1007	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000
Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	3	225,600	\$21,815.93	\$0.0967	3	89,680	\$10,157.73	\$0.1133	3	135,280	\$13,741.63	\$0.1016	3	137,480	\$14,239.58	\$0.1036
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	4,720	\$498.23	\$0.1056	- 1	4,280	\$461.32	\$0.1078	1	2,400	\$284.95	\$0.1187	1	1,840	\$211.56	\$0.1150
Total Commercial (3 Ph) w/Demand		252	2,871,972	\$303,188.33	\$0.1056	253	2,402,325	\$264,637.82	\$0.1102	249	2,205,663	\$237,902.03	\$0.1079	248	1,992,070	\$221,424.42	\$0.1112
Large Power (In - w/Dmd & Rct)	EL1	21	2,879,666	\$240,200.95	\$0.0834	21	2,689,846	\$229,516.76	\$0.0853	21	2,693,896	\$220,257.42	\$0.0818	21	2,403,640	\$211,797.66	\$0.0881
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	1	919,537	\$66,154.60	\$0.0719	1	878,844	\$65,588.24	\$0.0746	3	1,099,839	\$82,880.55	\$0.0754	3	994,472	\$79,375.27	\$0.0798
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	1	296,400	\$27,432.02	\$0.0926	- 1	307,200	\$27,818.14	\$0.0906	1	332,400	\$28,057.68	\$0.0844	1	295,200	\$26,076.76	\$0.0883
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	78,359	\$12,388.66	\$0.1581	2	78,297	\$6,047.70	\$0.0772	2	79,597	\$5,934.15	\$0.0746	2	70,607	\$7,256.69	\$0.1028
-																	
Total Large Power		25	4,173,962	\$346,176.23	\$0.0829	25	3,954,187	\$328,970.84	\$0.0832	27	4,205,732	\$337,129.80	\$0.0802	27	3,763,919	\$324,506.38	\$0.0862
Industrial (In - w/Dmd & Rct, w/SbCr)	El1	1	1,179,109	\$83,199.02	\$0.0706	1	1,127,275	\$81,054.43	\$0.0719	1	1,206,433	\$83,318.08	\$0.0691	1	1,156,158	\$87,758.35	\$0.0759
Industrial (In - w/Dmd & Rct, No/SbCr)	El2	1	1,186,209	\$83,569.80	\$0.0705	1	1,158,099	\$83,221.66	\$0.0719	1	1,128,579	\$79,886.73	\$0.0708	1	1,023,505	\$77,586.44	\$0.0758
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Total Industrial		2	2,365,318	\$166,768.82	\$0.0705	2	2,285,374	\$164,276.09	\$0.0719	2	2,335,012	\$163,204.81	\$0.0699	2	2,179,663	\$165,344.79	\$0.0759
												·					
Interdepartmental (In - No Dmd)	ED1	8	45,505	\$4,669.28	\$0.1026	8	32,267	\$3,472.77	\$0.1076	8	34,464	\$3,802.92	\$0.1103	8	63,180	\$6,320.99	\$0.1000
Interdepartmental (Out - No Dmd)	ED10	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000
Interdepartmental (Out - w/Dmd)	ED2O	2	961	\$128.94	\$0.1342	2		\$106.42	\$0.1432	2		\$59.81	\$0.1829	2	238	\$50.86	\$0.2137
Interdepartmental (In - w/Dmd)	ED2	27		\$2,753.37	\$0.1237	27		\$3,168.51	\$0.1234	29		\$4,336.96	\$0.1186	27	49,447	\$5,868.15	\$0.1187
Interdepartmental (3Ph-In - w/Dmd)	ED3	11		\$20,069.48	\$0.0968	11		\$16,726.53	\$0.1038	11		\$21,414.53	\$0.0998	11	205,612	\$21,129.50	\$0.1028
Interdepartmental (Street Lights)	EDSL	7	62,879	\$5,848.05		7	62,879	\$5,849.08	\$0.0930			\$5,862.30	\$0.0932	7	62,879	\$5,850.15	\$0.0930
Interdepartmental (Traffic Signals)	EDTS	14		\$157.86	\$0.0925	14		\$168.31	\$0.0925	15		\$182.51	\$0.0925	15	1,837	\$169.84	\$0.0925
Generators (JV2 Power Cost Only)	GJV2	19	15,735	\$630.97	\$0.0925	1 4	17,347	\$621.37	\$0.0323	1		\$662.84	\$0.0925	10	19,199	\$676.19	\$0.0352
Generators (JV5 Power Cost Only)	GJV2 GJV5	4	12,197	\$489.10	\$0.0401	4	11,408	\$408.63	\$0.0358	1	12,297	\$461.26	\$0.0375	- 1	13,204	\$465.04	\$0.0352
denotators (0 vo i ower oost offiy)	GUVO		12,137	φ405.10	ψυ.υ4-υ1	l'	11,400	φ400.03	ψυ.υ336		12,23/	φ+υ1.20	ψυ.υ3/5	·	13,204	ф405.04	ψυ.υσυΖ
Total Interdepartmental		71	368,517	\$34,747.05	\$0.0943	71	313,226	\$30,521.62	\$0.0974	74	380,724	\$36,783.13	\$0.0966	72	415,596	\$40,530.72	\$0.0975
SUB-TOTAL CONSUMPTION & DEMAN	JID.	5,885	14 551 047	\$1 244 020 OF	\$0.0924	5,885	10 700 505	e1 101 010 0F	\$0.0938	5,900	10 700 555	\$1 16F 004 47	60 0011	5,867	10 204 605	@1 170 EGE FC	\$0.0959
JOB-101AL CONSUMPTION & DEMAN	<u>ب.</u>		14,551,047	\$1,344,030.05	φυ.υ 9 24		12,700,595	\$1,191,912.95	φυ.υ 9 38		12,789,555	\$1,165,004.47	\$0.0911	_	12,294,695	\$1,179,565.56	φυ.υ ν 59
		· '			ļ								ļ				
Stroot Lights (In)	81.0	4.5	_	640.50	\$0,000	4.4		610.40	\$0,000	45		640.50	\$0,000	45		#40 F0	\$0,000
Street Lights (In)	SLO	15		\$13.59	\$0.0000	14	0	\$13.43	\$0.0000	15	0	\$13.59		15	0	\$13.59	\$0.0000
Street Lights (Out)	SLOO	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000
Tatal Otra at Links Only		47		644.00	00.0000	40		044.00	00.0000	47		044.00	00.0000	47		044.00	00.0000
Total Street Light Only		17	-	\$14.36	\$0.0000	16		\$14.20	\$0.0000	17	0	\$14.36	\$0.0000	17	0	\$14.36	\$0.0000
TOTAL CONSUMPTION & DEMAND		5,902	14,551,047	\$1,344,044.41	\$0.0924	5,901	12,700,595	\$1,191,927.15	\$0.0938	5,917	12,789,555	\$1,165,018.83	\$0.0911	5,884	12,294,695	\$1,179,579.92	\$0.0959
	1	5,302	17,001,071	ψ1,077,077.41	ψυ.υ <i>3</i> 24	3,301	12,700,000	ψ1,101,021.10	ψυ.υσ30	5,517	12,100,000	ψ1,100,010.00	ψυ.υσ11	5,004	12,237,033	ψ1,113,313.32	ψυ.υσυσ

BILLING SUMMARY AN	D CO																		
AUGUST, 2016 2016 - AUGUST BILLING WITH JULY 20	16 ΠΔΤΔ																		
2010 ACCCO DIEEMA WITH COLT EC	TO DATA	Feb-16				Mar-16				Apr-16				May-16				Jun-16	
Class and/or	Rate	# of	Feb-16	Feb-16	Cost / kWH	# of	Mar-16	Mar-16	Cost / kWH	# of	Apr-16	Apr-16	Cost / kWH	# of	May-16	May-16	Cost / kWH	# of	Jun-16
Schedule	Code	Bills	(kWh Usage)	<u>Billed</u>	For Month	<u>Bills</u>	(kWh Usage)	Billed	For Month	<u>Bills</u>	(kWh Usage)	Billed	For Month	<u>Bills</u>	(kWh Usage)	Billed	For Month	<u>Bills</u>	(kWh Usage)
Residential (Dom-In)	E1	3,343	2,336,473	\$233,564.23	\$0.1000	3,345	2,347,687	\$244,491.10	\$0.1041	3,345	2,115,617	\$223,079.18	\$0.1054	3,328	1,745,478	\$196,444.14	\$0.1125	3,339	1,674,098
Residential (Dom-In) w/Ecosmart Residential (Dom-In - All Electric)	E1E E2	605	4,542 655,616	\$469.07 \$63,527.74	\$0.1033 \$0.0969	608	4,327 756,980	\$468.00 \$76,046.71	\$0.1082 \$0.1005	608	3,918 638,315	\$429.97 \$64,884.51	\$0.1097 \$0.1016	610	3,507 457,976	\$408.58 \$49.954.20	\$0.1165 \$0.1091	611	3,414 379,613
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	545	\$55.80	\$0.0303	1	597	\$63.13	\$0.1057	1	596	\$63.19		1	511	\$57.67	\$0.1031	1	534
,																			
Total Residential (Domestic)		3,958	2,997,176	\$297,616.84	\$0.0993	3,963	3,109,591	\$321,068.94	\$0.1033	3,963	2,758,446	\$288,456.85	\$0.1046	3,948	2,207,472	\$246,864.59	\$0.1118	3,960	2,057,659
Desidential (Bornel Cod)	ED4	757	007.474	#04.004.00	#0.4044	750	075.454	#05 440 70	#0.4000	750	770.050	#00 04 7 00	00.4400	750	000 400	Φ77 74 C 74	00 4474	755	500.007
Residential (Rural-Out) Residential (Rural-Out) w/Ecosmart	ER1 ER1E	757	907,174 3,834	\$94,694.90 \$408.52	\$0.1044 \$0.1066	759	875,454 3,230	\$95,412.70 \$364.37	\$0.1090 \$0.1128	756	779,953 2,546	\$86,047.23 \$296.42	\$0.1103 \$0.1164	752	663,486 2,328	\$77,716.74 \$286.46	\$0.1171 \$0.1230	755	586,997
Residential (Rural-Out - All Electric)	ER2	383	551,963	\$56,838.04	\$0.1000	384	587,960	\$62,814.15	\$0.1128	384	507,976	\$54,947.15	\$0.1104	383		\$49,004.46	\$0.1230	384	
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2	2,918	\$300.36	\$0.1029	2	2,960	\$317.12	\$0.1071	2	2,616	\$283.32	\$0.1083	2		\$221.22	\$0.1163	2	
Residential (Rural-Out w/Dmd)	ER3	16	25,972	\$2,651.52	\$0.1021	16	30,157	\$3,181.29	\$0.1055	16	27,753	\$2,948.93	\$0.1063	16		\$2,475.80	\$0.1130	16	
Residential (Rural-Out - All Electric w/Dm	ER4	9	10,004	\$1,051.19	\$0.1051	9	11,290	\$1,222.89	\$0.1083	9	9,995	\$1,096.12	\$0.1097	9	7,908	\$926.67	\$0.1172	9	7,392
Tatal Pasidontial (Pamal)		4 474	4 504 005	0455 044 50	00 1000	4 474	4 544 054	0400 040 50	00 1001	4 474	4 000 000	0445 040 47	00 1001	4.400	4 404 570	\$400 CO4 OF	00.4400	4 470	000.050
Total Residential (Rural)		1,171	1,501,865	\$155,944.53	\$0.1038	1,174	1,511,051	\$163,312.52	\$0.1081	1,171	1,330,839	\$145,619.17	\$0.1094	1,166	1,124,573	\$130,631.35	\$0.1162	1,170	980,953
Commercial (1 Ph-In - No Dmd)	EC2	74	52,205	\$6,581.79	\$0.1261	75	53,648	\$6.982.89	\$0.1302	75	52,551	\$6,871.47	\$0.1308	75	45,379	\$6,290.63	\$0.1386	75	42,140
Commercial (1 Ph-Out - No Dmd)	EC2O	43	8,018	\$1,392.38	\$0.1737	43	8,383	\$1,468.25	\$0.1751	43		\$1,508.23	\$0.1731	43		\$1,308.66	\$0.1965	43	
	-																		
Total Commercial (1 Ph) No Dmd		117	60,223	\$7,974.17	\$0.1324	118	62,031	\$8,451.14	\$0.1362	118	61,265	\$8,379.70	\$0.1368	118	52,038	\$7,599.29	\$0.1460	118	48,365
Commercial (1 Ph-In - w/Demand) Commercial (1 Ph-Out - w/Demand)	EC1 EC10	256	306,848	\$38,364.05	\$0.1250 \$0.1211	255 24	337,026	\$42,741.72 \$4,956.90	\$0.1268 \$0.1204	255	300,781	\$39,283.01 \$4,539.18	\$0.1306 \$0.1245	256 24	353,349	\$46,128.85	\$0.1305 \$0.1326	257 24	
Commercial (1 Ph-Out - W/Demand)	ECIO	24	36,267	\$4,391.42	Φ0.1∠11	24	41,186	\$4,956.90	\$0.1204	24	36,470	\$4,539.10	\$0.1245	24	33,089	\$4,386.25	\$0.1320	24	29,990
Total Commercial (1 Ph) w/Demand		280	343,115	\$42,755.47	\$0.1246	279	378,212	\$47,698.62	\$0.1261	279	337,251	\$43,822.19	\$0.1299	280	386,438	\$50,515.10	\$0.1307	281	369,046
				·															
Commercial (3 Ph-Out - No Dmd)	EC4O	2	400	\$79.67	\$0.1992	2	1,000	\$149.48	\$0.1495	2	880	\$136.11	\$0.1547	2	400	\$83.56	\$0.2089	2	160
T				A=0.0=	20 1000		4 000		00 1 10 7				00 1515		****	****	** ***		
Total Commercial (3 Ph) No Dmd		2	400	\$79.67	\$0.1992	2	1,000	\$149.48	\$0.1495	2	880	\$136.11	\$0.1547	2	400	\$83.56	\$0.2089	2	160
Commercial (3 Ph-In - w/Demand)	EC3	205	1,396,306	\$152,228.19	\$0.1090	204	1,492,235	\$165,735.10	\$0.1111	201	1,330,300	\$150,670.14	\$0.1133	204	1,337,448	\$158,129.92	\$0.1182	202	1,281,048
Commercial (3 Ph-Out - w/Demand)	EC3O	39	355,628	\$38,994.81	\$0.1097	39	379,416	\$42,543.57	\$0.1111	39		\$38,541.02		39	333,423	\$39,624.69	\$0.1188	39	
Commercial (3 Ph-In - w/Dmd.&Sub-St.C	EC3S	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00		0	0	\$0.00	\$0.0000	0	•
Commercial (3 Ph-Out - w/Dmd.&Sub-St.	E3SO	3	137,920	\$14,016.49	\$0.1016	3	149,800	\$15,798.47	\$0.1055	3	131,080	\$13,890.07	\$0.1060	3	134,040	\$14,680.26	\$0.1095	3	127,640
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	1,920	\$212.10	\$0.1105	1	2,160	\$242.85	\$0.1124	1	2,120	\$240.01	\$0.1132	1	2,000	\$238.27	\$0.1191	1	2,040
Tatal Communication (C. Dis) and Damand		248	4 004 774	0005 454 50	00 4000	247	0.000.044	\$224,319.99	\$0.1109	244	4 000 040	0000 044 04	00 1100	247	4 000 044	#040 C70 44	\$0.1177	245	4 606 047
Total Commercial (3 Ph) w/Demand		240	1,891,774	\$205,451.59	\$0.1086	241	2,023,611	\$224,319.99	\$0.1109	244	1,800,043	\$203,341.24	\$0.1130	241	1,806,911	\$212,673.14	\$0.1177	245	1,696,947
Large Power (In - w/Dmd & Rct)	EL1	21	2,310,925	\$199,175.25	\$0.0862	21	2,561,160	\$221,085.42	\$0.0863	21	2,385,374	\$216,220.16	\$0.0906	21	2,454,545	\$231,732.96	\$0.0944	21	2,477,658
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,009,639	\$77,760.04	\$0.0770	3	1,042,283	\$84,501.97	\$0.0811	3	807,206	\$67,444.50	\$0.0836	3	912,431	\$78,956.21	\$0.0865	3	919,793
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	1	246,000	\$21,470.29	\$0.0873	1	322,800	\$28,467.29	\$0.0882	1	338,400	\$30,419.43	\$0.0899	1	370,800	\$33,718.56	\$0.0909	1	366,000
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	85,654	\$6,264.07	\$0.0731	2	85,512	\$6,619.24	\$0.0774	2	72,927	\$6,016.76	\$0.0825	2	93,761	\$14,517.81	\$0.1548	2	58,685
Total Lavas Daviss		27	3,652,218	\$304,669.65	\$0.0834	27	4,011,755	\$340,673.92	\$0.0849	27	2 602 007	6220 100 05	\$0.0888	27	2 024 527	\$358,925.54	\$0.0937	27	3,822,136
Total Large Power		21	3,052,210	\$304,009.05	\$0.0034	21	4,011,755	\$340,673.92	\$0.0649	21	3,603,907	\$320,100.85	\$0.0000	21	3,831,537	\$356,925.54	\$0.0937	21	3,022,130
Industrial (In - w/Dmd & Rct, w/SbCr)	El1	1	957,122	\$74,102.43	\$0.0774	1	1,194,711	\$89,279.02	\$0.0747	1	1,035,693	\$80,055.22	\$0.0773	1	1,030,712	\$85,857.58	\$0.0833	1	990,474
Industrial (In - w/Dmd & Rct, No/SbCr)	El2	1	896,274	\$67,913.52	\$0.0758	1	1,122,083	\$81,701.62	\$0.0728	- 1	1,052,644	\$78,469.13	\$0.0745	1	990,465	\$79,362.02	\$0.0801	1	942,832
,																			
Total Industrial		2	1,853,396	\$142,015.95	\$0.0766	2	2,316,794	\$170,980.64	\$0.0738	2	2,088,337	\$158,524.35	\$0.0759	2	2,021,177	\$165,219.60	\$0.0817	2	1,933,306
Interdepartmental (In - No Dmd)	ED1	0	79,167	\$7,560.57	\$0.0955	0	65,565	\$6,459.45	\$0.0985	0	51,501	\$5,211.49	\$0.1012	0	42,349	\$4,637.84	\$0.1095	-	30,257
Interdepartmental (In - No Dmd) Interdepartmental (Out - No Dmd)	ED10	0	79,167	\$7,560.57	\$0.0955	0	00,000	\$6,459.45	\$0.0985	0	51,501	\$5,211.49 \$0.00	• • • • • • • • • • • • • • • • • • • •	0		\$4,637.84 \$0.00	\$0.0000	0	
Interdepartmental (Out - w/Dmd)	ED2O	2	240	\$50.36	\$0.2098	2	192	\$45.93	\$0.2392	2	235	\$50.88	\$0.2165	2		\$67.89	\$0.1845	2	369
Interdepartmental (In - w/Dmd)	ED2	27	77,462	\$8,762.54	\$0.1131	26	70,540	\$8,300.04	\$0.1177	26		\$6,096.14		26	41,532	\$5,247.09	\$0.1263	26	
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	257,347	\$25,478.65	\$0.0990	- 11	306,526	\$30,656.81	\$0.1000	11		\$26,080.07	\$0.1035	- 11	235,903	\$25,894.91	\$0.1098	11	
Interdepartmental (Street Lights)	EDSL	7	62,879	\$5,849.08	\$0.0930	7	62,879	\$5,849.08	\$0.0930	7	62,879	\$5,850.15	\$0.0930	7	62,879	\$5,849.08		7	62,879
Interdepartmental (Traffic Signals)	EDTS	15		\$202.38	\$0.0925	11		\$177.17	\$0.0925	9	1,771	\$163.74		9	.,	\$153.77		9	7
Generators (JV2 Power Cost Only) Generators (JV5 Power Cost Only)	GJV2 GJV5	1	23,269 15,064	\$819.53 \$530.55	\$0.0352 \$0.0352	1	21,905 16,067	\$781.57 \$573.27	\$0.0357 \$0.0357	1	18,065 13,192	-\$265.01 -\$193.53		1	19,031 13,635	\$533.06 \$381.92		1	17,254 10,693
Constitution (CVO 1 GWell Goot Grilly)	G0 V 0		15,004	φ330.33	ψ0.0002		10,007	φ3/3.2/	ψυ.υυυ1		13,192		ψυ.υ147		13,033	φ301.92	ψυ.υ200		10,090
Total Interdepartmental		72	517,617	\$49,253.66	\$0.0952	67	545,590	\$52,843.32	\$0.0969	65		\$42,993.93	\$0.0955	65		\$42,765.56	\$0.1025	64	335,606
SUB-TOTAL CONSUMPTION & DEMAN	D	5,877		\$1,205,761.53	\$0.0941	5,879			\$0.0952	5,871			•	5,855		\$1,215,277.73	*	5,869	
						ļ	 		ļ	1				ļ			ļ	-	
Street Lights (In)	SLO	15	n	\$13.59	\$0.0000	16	1,463	\$191.76	\$0.1311	16	n	\$13.74	\$0.0000	16	n	\$13.74	\$0.0000	16	,
Street Lights (Out)	SLOO	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	2	0	\$0.76		2	0	\$0.77		2	
Total Street Light Only		17	0	\$14.36	\$0.0000	18	1,463	\$192.53	\$0.1316	18	0	\$14.50	\$0.0000	18	0	\$14.51	\$0.0000	18	(
TOTAL CONCUMPTION			40.0:	A4 00F			40.65.55		*		40.40:00	A. A					**		
TOTAL CONSUMPTION & DEMAND		5,894	12,817,784	\$1,205,775.89	\$0.0941	5,897	13,961,098	\$1,329,691.10	\$0.0952	5,889	12,431,386	\$1,211,388.89	\$0.0974	5,873	11,847,906	\$1,215,292.24	\$0.1026	5,887	11,244,178

BILLING SUMMARY AN	D CO											
AUGUST, 2016												
2016 - AUGUST BILLING WITH JULY 20	16 DATA											
				Jul-16				TOTAL	TOTAL	Avg.Cost	Avg.Num.	Avg.Per.%
Class and/or	Rate	Jun-16	Cost / kWH	# of	Jul-16	Jul-16	Cost / kWH	KWH USEAGE	BILLING	Per kWH	of Bills	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 E1E	\$190,965.01	\$0.1141 \$0.1179	3,340	2,133,169 4,890	\$248,418.37	\$0.1165 \$0.1181	26,060,196 58,983	\$2,751,062.95		3,343 10	56.6987% 0.1611%
Residential (Dom-In) w/Ecosmart Residential (Dom-In - All Electric)	E2	\$402.55 \$42,421.37	\$0.1179	613	381,668	\$577.51 \$44,540.19	\$0.1167	5,755,561	\$6,364.97 \$597,563.67		609	10.3208%
Res.(Dom-In - All Electric)	E2E	\$60.52	\$0.1117	1	692	\$80.09		8,178	\$860.51		1	0.0170%
			4011100							70		
Total Residential (Domestic)		\$233,849.45	\$0.1136	3,963	2,520,419	\$293,616.16	\$0.1165	31,882,918	\$3,355,852.10	\$0.1053	3,962	67.1976%
Residential (Rural-Out)	ER1	\$70,250.79	\$0.1197	757	712,526	\$87,201.53	\$0.1224	8,831,162	\$982,777.04		755	12.8024%
Residential (Rural-Out) w/Ecosmart	ER1E	\$235.87	\$0.1287	4	2,470	\$316.19		32,129	\$3,720.74		4	0.0678%
Residential (Rural-Out - All Electric)	ER2 ER2E	\$41,847.24	\$0.1176	383	380,642	\$46,371.53	\$0.1218	5,255,567	\$576,745.09		385	6.5291%
Res. (Rural-Out - All Electric) w/Ecosmar Residential (Rural-Out w/Dmd)	ER2E ER3	\$201.66 \$3,054.38	\$0.1186 \$0.1125	16	1,606 19,858	\$199.48 \$2,377.56	\$0.1242 \$0.1197	22,568 372,190	\$2,518.56 \$39,105.93		16	0.0339% 0.2643%
Residential (Rural-Out w/Dind) Residential (Rural-Out - All Electric w/Dm	ER4	\$879.39	\$0.1123	9	7,401	\$917.12		132,399	\$14,314.41		9	0.2043 /
(7011001		
Total Residential (Rural)		\$116,469.33	\$0.1187	1,171	1,124,503	\$137,383.41	\$0.1222	14,646,015	\$1,619,181.77	\$0.1106	1,171	19.8502%
Commercial (1 Ph-In - No Dmd)	EC2	\$5,948.45	\$0.1412	72	47,338	\$6,768.08	\$0.1430	564,204	\$75,129.78	\$0.1332	75	1.2648%
Commercial (1 Ph-Out - No Dmd)	EC2O	\$1,262.95	\$0.2029	46	6,906	\$1,415.05	\$0.2049	92,026	\$16,688.06		43	0.7292%
Table Communicates St. N. D.		07.044.40	00 110			00 400 40	60 450-		001 015 01	#A 10		4 0044
Total Commercial (1 Ph) No Dmd		\$7,211.40	\$0.1491	118	54,244	\$8,183.13	\$0.1509	656,230	\$91,817.84	\$0.1399	118	1.9941%
Commercial (1 Ph-In - w/Demand)	EC1	\$39,544.56	\$0.1166	257	297,012	\$43,203.06	\$0.1455	3,952,506	\$510,062.37	\$0.1290	256	4.3400%
Commercial (1 Ph-Out - w/Demand)	EC10	\$4,043.76	\$0.1166	26	38,595	\$5,289.71		401,000	\$51,367.43		230	0.4112%
Commercial (1111 out W/Demand)	2010	φτ,0τ0.70	ψ0.1040			ΨΟ,ΣΟΟ.71	ψ0.1071	401,000	ΨΟ1,007.40	ψ0.1201		0.411270
Total Commercial (1 Ph) w/Demand		\$43,588.32	\$0.1181	283	335,607	\$48,492.77	\$0.1445	4,353,506	\$561,429.80	\$0.1290	280	4.7513%
Commercial (3 Ph-Out - No Dmd)	EC4O	\$55.18	\$0.3449	2	40	\$41.00	\$1.0250	18,200	\$2,475.63	\$0.1360	2	0.0339%
Total Commercial (3 Ph) No Dmd		\$55.18	\$0.3449	2	40	\$41.00	\$1.0250	18,200	\$2,475.63	\$0.1360	2	0.0339%
Commercial (3 Ph-In - w/Demand)	EC3	\$154,525.82	\$0.1206	201	1,379,117	\$172,587.98	\$0.1251	18,270,062	\$2,071,651.70		205	3.4765%
Commercial (3 Ph-Out - w/Demand)	EC3O	\$35,062.05	\$0.1225	39	283,681	\$36,648.60	\$0.1292	4,578,425	\$517,961.14		39	0.6600%
Commercial (3 Ph-In - w/Dmd.&Sub-St.C	EC3S	\$0.00	\$0.0000	0		\$0.00	\$0.0000	760,200	\$77,362.91		1	0.0113%
Commercial (3 Ph-Out - w/Dmd.&Sub-St Commercial (3 Ph-In - w/Demand, No Ta	E3SO EC3T	\$14,187.89 \$245.05	\$0.1112 \$0.1201	<u>3</u>	120,080 1,880	\$14,126.22 \$235.92	\$0.1176 \$0.1255	1,636,560 31,600	\$174,086.41 \$3,647.48		3	0.0509% 0.0170%
Commercial (5 1 H-III - W/Demand, No Ta	L031	ΨΣ40.00	ψ0.1201			Ψ200.82	ψ0.1233	31,000	ψ5,047.40	ψ0.1134		0.017078
Total Commercial (3 Ph) w/Demand		\$204,020.81	\$0.1202	244	1,784,758	\$223,598.72	\$0.1253	25,276,847	\$2,844,709.64	\$0.1125	249	4.2157%
D (1 (D 10 D))	F1.4	****	** ***		0.044.040	0004 004 50	*** 1000	00 704 000	00.744.000.45	40.0000	0.4	0.05040/
Large Power (In - w/Dmd & Rct)	EL1	\$236,532.65	\$0.0955	21	2,611,643	\$261,934.52	\$0.1003	30,761,369	\$2,744,890.15		21	0.3561%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	\$83,363.79	\$0.0906	<u>3</u>	975,151	\$92,615.26	\$0.0950	11,113,087	\$899,200.43		2	0.0396%
Large Power (Out - w/Dmd & Rct, w/SbC Large Power (In - w/Dmd & Rct, w/SbCr)	EL2O EL3	\$34,899.72 \$7,385.30	\$0.0954 \$0.1258	2	405,600 74,535	\$40,258.99 \$14,994.13	\$0.0993 \$0.2012	3,867,600 935,219	\$354,146.48 \$112,101.70		1	0.0170% 0.0339%
Large Power (III - W/DIIId & RCI, W/SDCI)	ELJ	\$7,365.30	\$0.1256		74,535	\$14,994.13	\$0.2012	935,219	\$112,101.70	\$0.1199		0.0339%
Total Large Power		\$362,181.46	\$0.0948	27	4,066,929	\$409,802.90	\$0.1008	46,677,275	\$4,110,338.76	\$0.0881	26	0.4466%
Industrial (In - w/Dmd & Rct, w/SbCr)	El1	\$82,403.94	\$0.0832	1	989,828	\$87,858.45	\$0.0888	13,063,862	\$1,007,632.45	\$0.0771	1	0.0170%
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	\$77,160.17	\$0.0818	1	1,001,560	\$85,009.44		12,823,620	\$973,604.90		1	0.0170%
Total Industrial		\$159,564.11	\$0.0825	2	1.991.388	\$172,867.89		25,887,482	\$1,981,237.35		2	0.0339%
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Interdepartmental (In - No Dmd)	ED1	\$3,583.85	\$0.1184	7	37,530	\$4,545.42	\$0.1211	586,275	\$61,599.87	\$0.1051	8	0.1328%
Interdepartmental (Out - No Dmd)	ED10	\$0.00	\$0.0000	0		\$0.00	\$0.0000	0	\$0.00		0	0.0000%
Interdepartmental (Out - w/Dmd)	ED2O	\$68.39	\$0.1853	2		\$102.05	\$0.1635	6,215	\$1,000.94		2	0.0339%
Interdepartmental (In - w/Dmd)	ED2	\$3,357.54	\$0.1322	30	23,144	\$3,251.87	\$0.1405	469,214	\$57,177.90		27	0.4650%
Interdepartmental (3Ph-In - w/Dmd)	ED3	\$20,851.55	\$0.1114	11	167,921	\$19,556.26		2,612,948	\$272,774.52		11	0.1865%
Interdepartmental (Street Lights) Interdepartmental (Traffic Signals)	EDSL EDTS	\$5,849.08 \$143.97	\$0.0930 \$0.0925	9	62,879 1,702	\$5,850.15 \$157.37		754,548 21,469	\$70,206.50 \$1,984.60		13	0.1187% 0.2120%
Generators (JV2 Power Cost Only)	GJV2	\$308.85	\$0.0925	1	16,509	\$227.66		216,421	\$6,335.33		13	0.2120%
Generators (JV5 Power Cost Only)	GJV5	\$191.40	\$0.0179	1	12,432	\$171.44		153,061	\$4,484.28		1	0.0170%
,												,,,
Total Interdepartmental		\$34,354.63	\$0.1024	68	322,741	\$33,862.22	\$0.1049	4,820,151	\$475,563.94	\$0.0987	70	1.1829%
SUB-TOTAL CONSUMPTION & DEMAN	D	\$1,161,294.69	\$0.1033	5,878	12,200,629	\$1,327,848.20	\$0.1088	154,218,624	\$15,042,606.83	\$0.0975	5,879	99.7060%
		========		:		========			========			
Street Lights (In)	SLO	\$13.74	\$0.0000	16	0	\$13.73	\$0.0000	1,463	\$341.68	\$0.2335	15	0.2600%
Street Lights (Out)	SLOO	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	0	\$9.23		2	0.0339%
Total Street Light Only		\$14.51	\$0.0000	18	0	\$14.50	\$0.0000	1,463	\$350.91	\$0.2399	17	0.2940%
TOTAL CONSUMPTION & DEMAND		\$1,161,309.20	\$0.1033	5,896	12,200,629	\$1,327,862.70	\$0.1088	154,220,087	\$15,042,957.74	\$0.0975	5,897	100.0000%



AMERICAN MUNICIPAL POWER INC ATTN TREASURY DEPT 1111 SCHROCK RD COLUMBUS OH 43229 00- -M -Q-PC -183-04 0116208-00-00546-04

11928 Page 1 of 5

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

This statement is for the period from June 1, 2016 to June 30, 2016

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



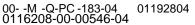
00- -M -Q-PC -183-04 01192804 Page 2 of 5

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

This statement is for the period from June 1, 2016 to June 30, 2016

MARKET	ALUE SUMMARY	
	Current Period 06/01/16 to 06/30/16	
Beginning Market Value	\$1,290,454.79	
Investment Results		
Interest, Dividends and Other Income	6.60	
Total Investment Results	\$6.60	
Ending Market Value	\$1,290,461.39	







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 June 1, 2016 to June 30, 2016

	ASSET D	ETAIL AS OF 0	6/30/16		
Shares or Face Amount	Security Description	Market Value/ Price	Tax Cost/ Unit Cost	% of Total Yield at Market	Est Ann Inc
Cash Equi	valents				
1,290,461.390	First American Government Obligation Fund CI A 31846V849	1,290,461.39 1.0000	1,290,461.39 1.00	100.0 .01 **	78.72
Total Cash	n Equivalents	\$1,290,461.39	\$1,290,461.39	100.0	\$78.72
Cash					
	Principal Cash	- 461.39	- 461.39		
	Income Cash	461.39	461.39		
	Total Cash	\$0.00	\$0.00	0.0	
Total Ass	sets	\$1,290,461.39	\$1,290,461.39	100.0	\$78.72

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.

Bbank

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



00- -M -Q-PC -183-04 01192804 Page 4 of 5

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

This statement is for the period from June 1, 2016 to June 30, 2016

CASH SUMMARY

	Income Cash	Principal Cash	Total Cash
Beginning Cash Balance as of 06/01/2016	\$454.79	- \$454.79	\$.00
Taxable Interest	6.60		6.60
Net Money Market Activity		- 6.60	- 6.60
Ending Cash Balance as of 06/30/2016	\$461.39	- \$461.39	\$0.00





00- -M -Q-PC -183-04 01192804 Page 5 of 5

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

This statement is for the period from June 1, 2016 to June 30, 2016

06/01/16 Interest Earned On First Amer Govt Oblig Fund CI A Interest From 5/1/16 To 5/31/16 31846V849 06/02/16 Purchased 6.6 Units Of First Amer Govt Oblig Fund CI A Trade Date 6/2/16									
	Description			Tax Cost					
	Beginning Balance 06/01/2016	\$454.79	- \$454.79	\$1,290,454.79					
06/01/16	First Amer Govt Oblig Fund CI A Interest From 5/1/16 To 5/31/16	6.60							
06/02/16	First Amer Govt Oblig Fund CI A		- 6.60	6.60					
	Ending Balance 06/30/2016	\$461.39	- \$461.39	\$1,290,461.39					



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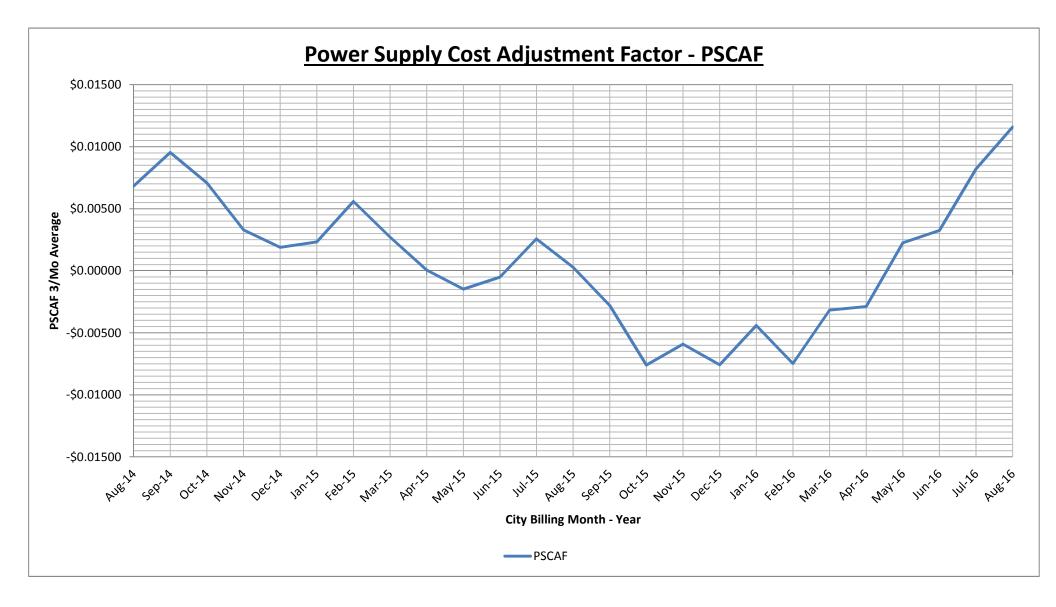
U.S. Bank 1555 N. Rivercenter Dr. Suite 300 Milwaukee, WI 53212

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





2016 JULY - ELECTRIC PSCA	F - BILLII	VG CRAVI	PABVELONG!	TIPARISMOS PE	RIODE Prior Mo	nth and Pri	or Year					
Rate Comparisons to Prior Month a	nd Prior Ye	ear for Sam	ne Period									
			Current	Prior Month	Prior Year			Current	Prior Month	Prior Year		
	Service	Service	July	June	July	Service	Service	July	June	July		
Customer Type	<u>Usage</u>	<u>Units</u>	2016 Rate	2016 Rate	2015 Rate	<u>Usage</u>	<u>Units</u>	2016 Rate	2016 Rate	2015 Rate		
Customer Type ->		RESIDE	ENTIAL USE	R - (w/Gas He	eat)	RESIDENTIAL USER - (All Electric)						
Customer Charge			\$6.00	\$6.00	\$6.00			\$6.00	\$6.00	\$6.00		
Distribution Energy Charge			\$20.93	\$20.93	\$20.93			\$33.39	\$33.39	\$33.39		
Distribution Demand Charge												
Power Supply Energy Charge	978	kWh	\$71.20	\$71.20	\$71.20	1,976	kWh	\$143.85	\$143.85	\$143.85		
Power Supply Demand Charge												
PSCAF - Monthly Factor	978	kWh	\$11.34	\$8.03	\$0.28	1,976	kWh	\$22.90	\$16.22	\$0.57		
kWH Tax- Level 1	978	kWh	\$4.55	\$4.55	\$4.55	1,976	kWh	\$9.19	\$9.19	\$9.19		
kWH Tax- Level 2												
kWH Tax- Level 3												
		-					-					
Total Electric			\$114.02	\$110.71	\$102.96			\$215.33	\$208.65	\$193.00		
Water	6	CCF	\$42.27	\$41.37	\$39.57	11	CCF	\$68.02	\$66.37	\$63.07		
Sewer (w/Stm.Sew. & Lat.)	6	CCF	\$70.89	\$64.63	\$54.58	11	CCF	\$98.89	\$90.08	\$76.78		
Storm Water (Rate/ERU)			\$9.50	\$9.50	\$9.50			\$9.50	\$9.50	\$9.50		
Refuse (Rate/Service)			\$18.00	\$18.00	\$18.00			\$18.00	\$18.00	\$18.00		
		-					-					
Sub-Other Services			\$140.66	\$133.50	\$121.65			\$194.41	\$183.95	\$167.35		
		_					-					
Total Billing - All Services			\$254.68	\$244.21	\$224.61			\$409.74	\$392.60	\$360.35		
Verification Totals->			<i>\$254.68</i>	\$244.21	<i>\$224.61</i>			\$409.74	\$392.60	\$360.35		
				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				\$10.47	\$30.07				\$17.14	\$49.39		
% Inc/Dec(-) to Prior Periods				4.29%	13.39%				4.37%	13.71%		
=========	=====	=====	======	=======	=======	=====	=====	======	=======	=======		
Cost/kWH - Electric	978	kWh	\$0.11658	\$0.11320	\$0.10528	1,976	kWh	\$0.10897	\$0.10559	\$0.09767		
% Inc/Dec(-) to Prior Periods				2.99%	10.73%				3.20%	11.57%		
Cost/CCF - Water	6	CCF	\$7.04500	\$6.89500	\$6.59500	11	CCF	\$6.18364	\$6.03364	\$5.73364		
Cost/GALLONS - Water	4,488	GAL	\$0.00942	\$0.00922	\$0.00882	8,229	GAL	\$0.00827	\$0.00807	\$0.00766		
% Inc/Dec(-) to Prior Periods				2.18%	6.82%				2.49%	7.85%		
, ,												
Cost/CCF - Sewer	6	CCF	\$11.81500	\$10.77167	\$9.09667	11	CCF	\$8.99000	\$8.18909	\$6.98000		
Cost/GALLON - Sewer	4,488	GAL	\$0.01580	\$0.01440	\$0.01216	8,229	GAL	\$0.01202	\$0.01095	\$0.00933		
% Inc/Dec(-) to Prior Periods				9.69%	29.88%				9.78%	28.80%		
V /												
(Listed Accounts Assume SAME USA	GE for kWF	l and Wate	r (CCF) for All	Billing Periods)								
One "1" Unit CCF of Water = "Hundre												

2016 JULY - ELECTRIC PSCA		RATE	REVIEW CON	/IPARISONS - Cu	rrent to Prior M	lont	th and Pri	or Year			
Rate Comparisons to Prior Month a											
			Current	Prior Month	Prior Year				Current	Prior Month	Prior Year
	Service	Service	July	June	July		Service	Service	July	June	July
<u>Customer Type</u>	<u>Usage</u>	<u>Units</u>	2016 Rate	2016 Rate	2015 Rate		<u>Usage</u>	<u>Units</u>	2016 Rate	2016 Rate	2015 Rate
Customer Type ->	CC	<u> DMMERC</u>	IAL USER -	<u>(3 Phase w/De</u>	mand)		<u>//</u>	nand)			
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	20.32	kW/Dmd	\$92.86	\$92.86	\$92.86		1510.1	kW/Dmd	\$8,215.30	\$8,215.30	\$8,215.30
Power Supply Energy Charge	7,040	kWh	\$623.04	\$623.04	\$623.04		866,108	kWh	\$39,165.42	\$39,165.42	\$39,165.42
Power Supply Demand Charge									\$15,296.55	\$15,296.55	\$15,296.55
PSCAF - Monthly Factor	7,040	kWh	\$81.59	\$57.80	\$2.04				\$9,536.29	\$6,755.21	\$238.61
kWH Tax- Level 1			\$9.66	\$9.66	\$9.66	Ш			\$9.66	\$9.66	\$9.66
kWH Tax- Level 2			\$20.80	\$20.80	\$20.80	Ш			\$56.24	\$56.24	\$56.24
kWH Tax- Level 3						Ш			\$3,087.71	\$3,087.71	\$3,087.71
		-									
Total Electric			\$883.97	\$860.18	\$804.42				\$77,771.02	\$74,989.94	\$68,473.34
Water	25	CCF	\$137.32	\$133.57	\$126.07		300	CCF	\$1,555.51	\$1,555.51	\$1,420.51
Sewer (w/Stm.Sew. & Lat.)	25	CCF	\$178.69	\$162.74	\$138.94		300	CCF	\$1,718.69	\$1,562.49	\$1,359.94
Storm Water (Rate/ERU)			\$9.50	\$9.50	\$9.50				\$330.00	\$330.00	\$330.00
Refuse (Rate/Service)			\$5.00	\$5.00	\$5.00				\$5.00	\$5.00	\$5.00
		-									
Sub-Other Services			\$330.51	\$310.81	\$279.51				\$3,609.20	\$3,453.00	\$3,115.45
		-				Ш					
Total Billing - All Services			\$1,214.48	\$1,170.99	\$1,083.93	Ш			\$81,380.22	\$78,442.94	\$71,588.79
Verification Totals->			\$1,214.48	\$1,170.99	\$1,083.93	H			\$81,380.22	\$78,442.94	\$71,588.79
				Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr	Н				Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr
Dollar Chg.to Prior Periods				\$43.49	\$130.55	H				\$2,937.28	\$9,791.43
% Inc/Dec(-) to Prior Periods				3.71%	12.04%	\mathbf{L}				3.74%	13.68%
						Н					
	=====		======	=======	=======		====	=====	======	=======	
Cost/kWH - Electric	7,040	kWh	\$0.12556	\$0.12218	\$0.11426	H	866,108	kWh	\$0.08979	\$0.08658	\$0.07906
% Inc/Dec(-) to Prior Periods	1,010		φο.12000	2.77%	9.89%	H	000,100		φοισσον σ	3.71%	13.57%
70 1110/ 2 00() to 1 1101 1 011000				,0	0.0070	Ħ				0.7.1.70	10.07 70
Cost/CCF - Water	25	CCF	\$5.49280	\$5.34280	\$5.04280	H	300	CCF	\$5.18503	\$5.18503	\$4.73503
Cost/GALLONS - Water	18,701	GAL	\$0.00734	\$0.00714	\$0.00674		224,415	GAL	\$0.00693	\$0.00693	\$0.00633
% Inc/Dec(-) to Prior Periods				2.81%	8.92%		,			0.00%	9.50%
()				- 70		Ħ					
Cost/CCF - Sewer	25	CCF	\$7.14760	\$6.50960	\$5.55760	П	300	CCF	\$5.72897	\$5.20830	\$4.53313
Cost/GALLON - Sewer	18,701	GAL	\$0.00956	\$0.00870	\$0.00743		224,415	GAL	\$0.00766	\$0.00696	\$0.00606
% Inc/Dec(-) to Prior Periods				9.80%	28.61%		,			10.00%	26.38%
()											
(Listed Accounts Assume SAME USA)						Ħ					
One "1" Unit CCF of Water = "Hundre						Ħ					

Electric Department Report July 2016

There were 8 Callout/outages during the month of July. 3 outages were due to equipment failures. 1 outage was due to lightning. 1 outage was due to an animal getting into the lines. 2 callouts were customer related problems. 1 outage was due to a tree limb falling across our lines.

Line Department/Service Truck: Crews removed temporary electric poles used for Kid's Fest. Crews worked on Industrial Substation rebuild. Linemen worked on pole replacement on Independence. Crews helped install new feeder cables at Industrial substation. Crews upgraded service at water intake for intake pumps. Crews replaced the recloser for the AMP solar field. Crews installed new URD for fairgrounds. Crews installed new URD for new service on M-1. Line crews helped tree crew on Daggett. Crews repaired a bad URD at Glenwood Estates.

Substation Crew: The Substation crew performed routine maintenance and checks and installed new copper distribution feeder cables at Industrial Substation. They also generated reports for billing and June statistical numbers for Superintendents office.

Forestry Crew: This crew worked on Duquesne, Daggett, River Downs Park, 424 west and Riviera Heights.

Storeroom/Inventory/Meter Reading: Meters were read for billing, Inventory was ordered for continuing electric jobs and services.

The **Peak Load** for July, 2016 was 30.10 MW occurring on the 13th at 7:00 PM. This was an increase of 2.27 MW compared to July, 2015. The Average Load was 16.87 MW. This was a decrease of 1.84 MW compared to July, 2015.

The Gas turbines ran on the 12 separate days in July and produced 1,608 MWh.

The JV 2 also ran on 12 separate days and produced 5.38 MWh.

JV 5 did not run.

The **Solar Field** produced 458.55 MWh in July, 2016 compared to 593.72MWh in July, 2015. This was a decrease of 135.17 MWh. The Solar Field Peak for July, 2016 was 3.21 MW compared to 3.48 MW in July, 2015. This was a decrease of .27 MW.

City of Napoleon, Ohio

SUMMARY OF JULY 2016 OUTAGE/STANDBY CALL OUTS

July 1, 2016

Electric personnel were dispatched at 11:30 a.m. to Fillmore and E. Clinton Street for a power outage. The outage was due to a bad arrester. Electric personnel replaced the arrester and a 15 amp fuse.

July 12, 2016

Electric personnel were dispatched at 8:13 p.m. to V-302 Co. Rd. 11 for a power outage. The outage was due to a failed transformer. Electric personnel changed out the bad transformer and an arrester.

July 12, 2016

Electric personnel were dispatched at 3:14 p.m. to the Water Intake on 424 for a power outage. The outage was due to being overloaded. Electric personnel replaced the fuse.

July 13, 2016

Electric personnel were dispatched at 7:33 p.m. to Co. Rd 424 & Co. Rd. M for a power outage. The outage was due to Lightning. Electric personnel replaced a line fuse.

July 14, 2016

Electric personnel were dispatched at 3:03 a.m. to T-388 Co. Rd. 15B for a power outage. The outage was cause by a raccoon. Electric personnel removed the raccoon and replaced a line fuse.

July 23, 2016

Electric personnel were dispatched at 5:19 p.m. to 197 Thomas Street for a power outage. The outage was due to the customer's service breaker being tripped. Electric personnel reenergized breaker.

July 23, 2016

Electric personnel were dispatched at 3:06 p.m. for a power outage. The outage was caused by human error of the home owner. Electric personnel repaired damaged service.

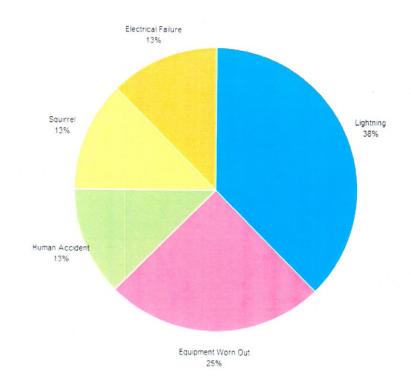
July 29, 2016

Electric personnel were dispatched at 8:00 p.m. to Co. Rd. 12 for a power outage. The outage was caused by a tree limb. Electric personnel closed the recloser to restore power.

iuse Pie Chart - City of Napoleon Ohio

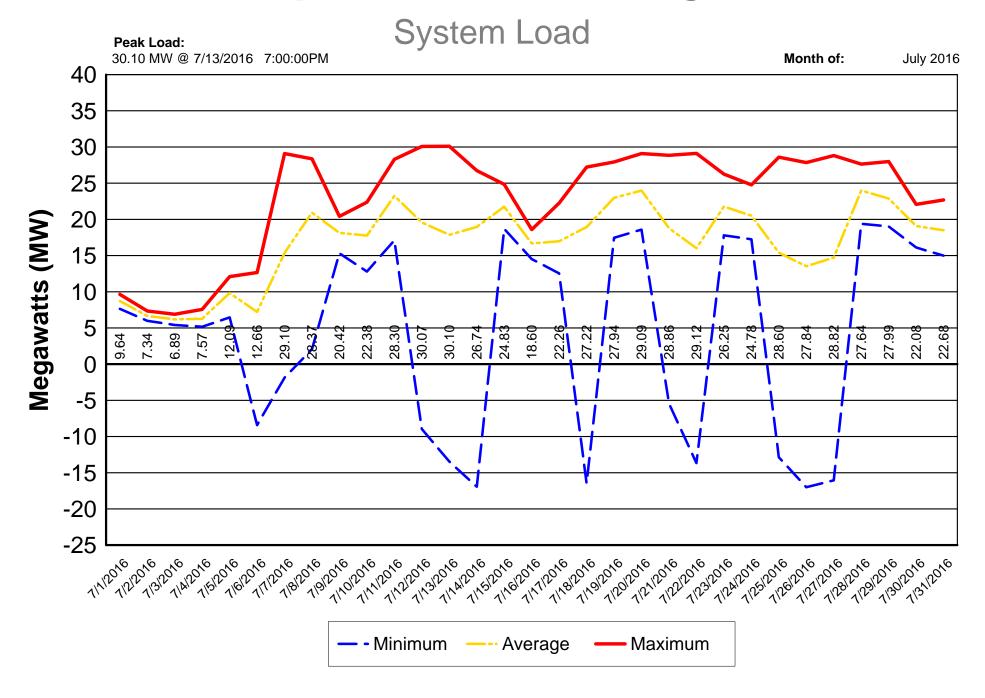
Start Date:	07/01/2016		Substation:		
End Date:	07/31/2016	Sandi Sandi	Circuit:		
Top-level Cause	Unscheduled	•	Report on Outage:	CountDuration	
				o Balaton	



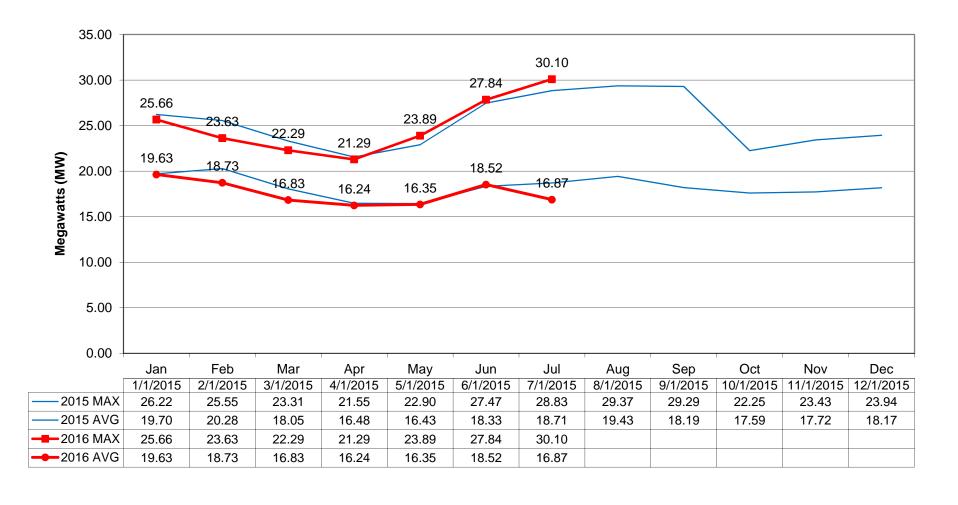


Outage Cause	Count	View
Lightning	3	•
Equipment Worn Out	2	•
Human Accident	1	•
Squirrel	1	•
Electrical Failure	1	•
Total	8	

Napoleon Power & Light



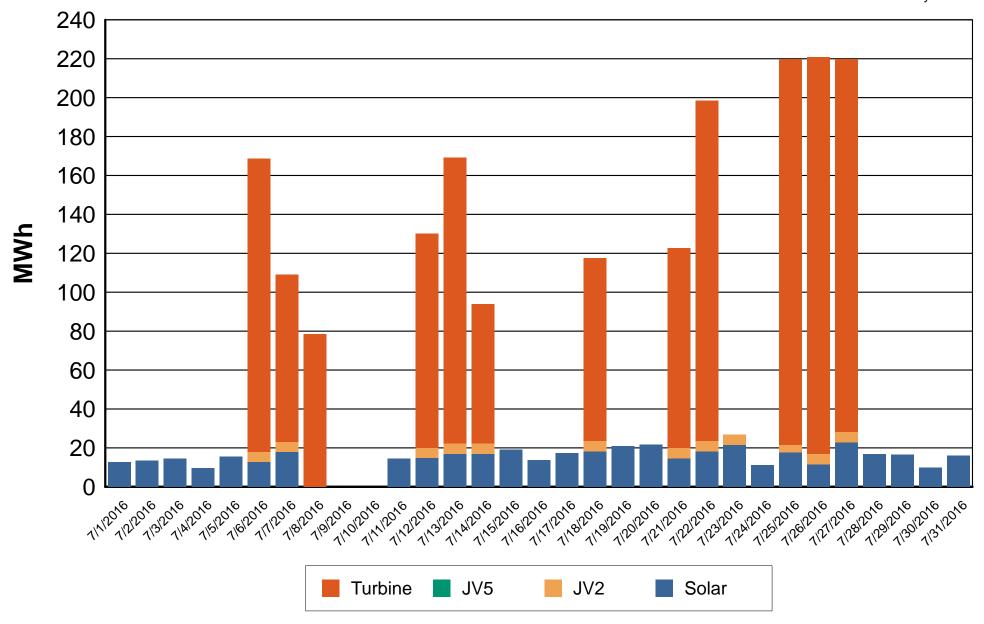
NAPOLEON POWER & LIGHT



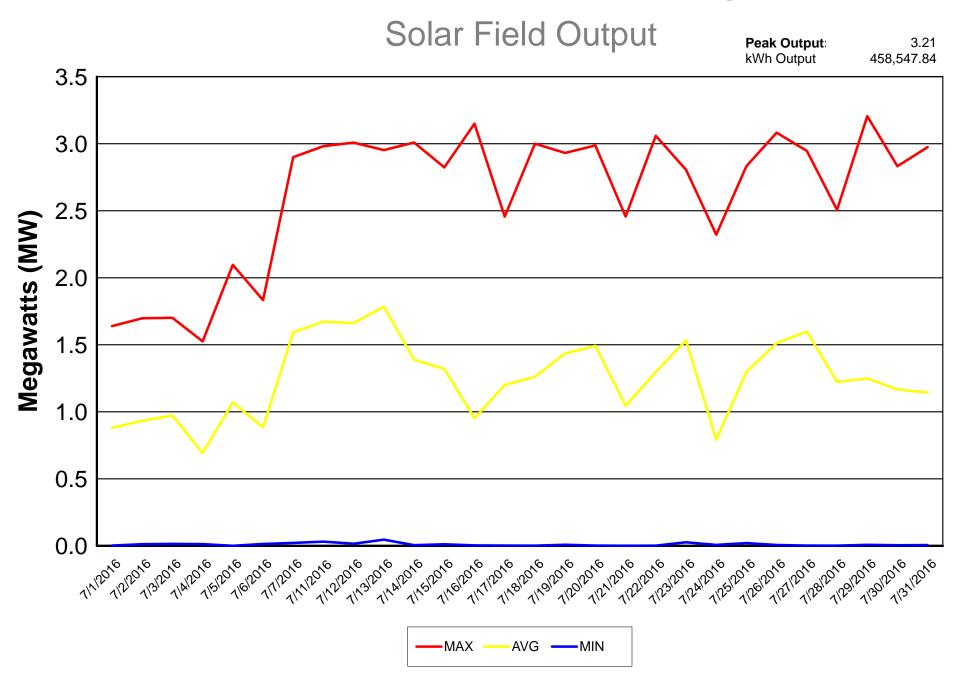
Napoleon Power & Light

Daily Generation Output

July 2016

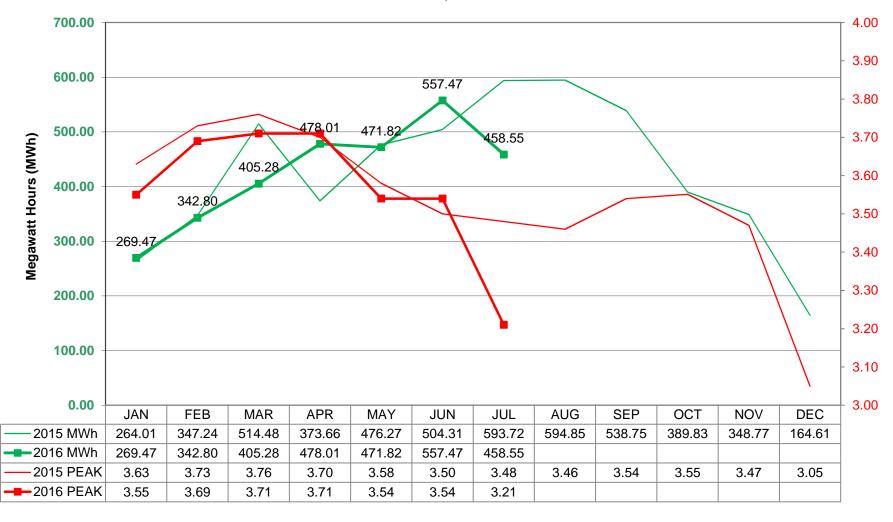


Napoleon Power & Light



NAPOLEON POWER & LIGHT

Solar Field Output Trend



City of Napoleon, Ohio Board of Public Affairs (BOPA)

Meeting Agenda Monday, August 8, 2016 at 6:30 pm

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

- I. Approval of Minutes of July 11, 2016 (In the absence of any objections or corrections, the Minutes shall stand approved)
 - II. Review/Approval of the Power Supply Cost Adjustment Factor for August, 2016:

PSCAF three (3) month averaged factor: \$0.01159

JV2: \$0.004216 JV5: \$0.004216

- III. Electric Department Report.
- IV. Review of the Net Metering Policy (Tabled)
- V. Any other matters to come before the Board
- VI. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

City of Napoleon, Ohio Board of Public Affairs Meeting Minutes Monday, July 11, 2016 at 6:30pm

PRESENT

Members

Electric Committee

City Staff

Mike DeWit - Chair, Dr. David Cordes, Nick Frysinger

Travis Sheaffer, Patrick McColley Monica S. Irelan, City Manager

Gregory J. Heath, Finance Director/Clerk of Council

Lisa L. Nagel, Law Director Jason P. Maassel, Mayor

Anne Taylor

Bobby Stites, Assistant MIS Director Dennis Clapp, Electrical Superintendent Chad Lulfs, Director of Operations

Recorder Others

ABSENT

Members

Dan Baer, Electric Committee

Call To Order

Chairman DeWit called the meeting to order at 6:34 pm.

Approval Of Minutes

The June 13, 2016 meeting minutes stand approved as presented with no

objections or corrections.

Motion to Approve Minutes As Presented

Motion: Dr. Cordes

Second: Frysinger

To Approve Minutes as Presented

Passed Yea- 3 Nay- 0 Roll call vote on above motion: Yea- Dr. Cordes, Frysinger, DeWit

Nay-

Review Of Power Supply Cost Adjustment Factor

The Electric Power Supply Cost Adjustment Factor for July, 2016 was presented for review

PSCAF three (3) month averaged factor: 0.00821

JV2: 0.013792 JV5: 0.013792

Discussion

Irelan said there will be a difference next month as the demand charge will be going down with the difference in auction rate is affecting our demand charges.

BOPA Motion To Recommend Approval Of Power Supply Cost Adjustment Factor Motion: Frysinger Second: Dr. Cordes

To accept the BOPA recommendation for approval of Power Supply Cost

Adjustment Factor for July, 2016 as follows: PSCAF three (3) month averaged factor: 0.00821

JV2: 0.013792 JV5: 0.013792

Passed Yea- 3 Nav- 0 Roll call vote on above motion: Yea- Dr. Cordes, Frysinger, DeWit

Nay-

Electric Department Report

Electric Superintendent Dennis Clapp gave a department update. (See Attached)

Clapp reported he attended the APPA National Convention in Phoenix Arizona on June 10-15 and gave an overview of the highlights and the Convention's recommendations for the City to consider better serving their customers and building customer relations. (See Attached Report.)

Dr. Cordes expressed his opinion that the City is already reaching out to the community through Efficiency Smart. DeWit advised he feels the service to our community is second to none, but added that education on rates versus usage may be helpful and is not sure if spending money to help the City's image would be beneficial at all. It is Dr. Cordes opinion that customers focus on the rate increases, but perhaps Electric Superintendent Dennis Clapp could do an article for the paper regarding the success of the solar field with Frysinger agreeing that would be a good idea.

Irelan added that she feels the City does a terrible job in promoting our Electric Service Department and our Power Supply adding that the customers do not understand how the City's Electric Department works. Irelan stated that marketing the electric better was discussed last year, but nothing was added into the budget for this purpose, however, AMP and AFSCME is willing to contribute towards marketing.

Frysinger added that people are not educated on the City's electric and it is not a subject they are discussing in the public.

Cordes recommended a board from Efficiency Smart be set up in a booth at the fair, with Clapp advising the booth would need to be manned. Irelan advised there is a cost for the booth and you would have to man the booth adding that it is too late to plan for the fair this year.

Clapp reported an electric truck will be in the fair parade this year and they will be handing out sanitizer pens and little footballs. Irelan offered to put a plan together with Superintendent Clapp for a

potential booth at the fair next year.

Review of the Net Metering Policy

Irelan advised that the conversation of the Net Metering Policy was started with previous Committees and believes it is a good time to review the policy. (See Attached)

Irelan advised that a homeowner puts solar power on their house with the intent to produce electricity for their home for free. When customers give the City more power than used, the customer is paid back at a retail rate, which means that they are not paying to upkeep the distribution system and are netted back the entire bill.

Sheaffer did not feel that the City should be paying the customers back. Dr. Cordes suggested only paying back seventy-five percent (75%) of the amount back to the customer instead of the one-hundred percent (100%) Clapp advised the reading and adjustment is done once per year.

Dewit feels it is a public relations and safety issue.

Irelan advised that the Federal Government has continued with tax credits for solar fields and there are customers in Napoleon interested in solar fields.

Tabled the Review of the **Net Metering Policy**

Motion: Dr. Cordes Second: Frysinger To Table the Review of the Net Metering

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

Nay-

Nay- 0 **Any Other Matters To Come**

Passed Yea-3

None

Before The Board

BOPA Motion To Adjourn

Second: Dr. Cordes Motion: Frysinger

To Adjourn at 7:35 pm

Passed Roll call vote on above motion: Yea- Dr. Cordes, Frysinger, DeWit Yea-3 Nay- 0

Nay-

Mike DeWit, Chair **Date**

City of Napoleon, Ohio

Water, Sewer, Refuse, Recycling & Litter Committee In Joint Session with City Council

Meeting Agenda Monday, August 8 at 7:00 pm

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

- I. Approval of Minutes from May 9, 2016 (In the absence of any objections or corrections, the Minutes shall stand approved)
- II. Presentation on History of Water Treatment Project.
- III. Update on Water Treatment Plant Rehabilitation Project.
- IV. Any other matters currently assigned to the Committee
- V. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

City of Napoleon, Ohio Water, Sewer, Refuse, Recycling & Litter Committee

Meeting Minutes Monday, May 9, 2016 at 7:00pm

PRESENT

Water & Sewer Committee

City Staff

Jeff Comadoll – Chair, Travis Sheaffer, Rita Small Monica Irelan, City Manager

Gregory Heath, Finance Director/Clerk of Council

Lisa Nagel, Law Director

Chad Lulfs, Director of Public Works

Recorder Others

ABSENT

Anne Taylor News Media

Call To Order

Approval Of Minutes

Review of the Sewer Lateral Charges and Policy Chairperson Comadoll called the meeting to order at 7:00 pm.

The April 11, 2016 meeting minutes stand approved as presented with no objections or corrections.

Irelan addressed the Committee regarding a handout from Greg Heath pertaining to the 2014 to 2015 Sewer Lateral Revenue and Expenses. See Attached. The current net revenue is \$75,650.00. (Revenues less Expenses for 2014 to 2016)

Irelan advised that the review of the sewer lateral charges policy was referred to the Committee to give an update on the status of the program and show private sector options.

Irelan presented the Committee information from AMP on a program through IGS Home Services that protects items not covered by private home insurance including sewer laterals. See Attached.

Irelan reported IGS would use the City's logo, handle marketing, customers service calls, hire local contractors, and administer billing. The proposed plan offers up to \$26,500 on utility line protection, \$8,000 for HVAC Systems Protection, and \$34,500 for a complete protection plan. Irelan advised that all work is guaranteed for twelve (12) months, no cancellation fees, a thirty (30) day money back guarantee, and no service fees. Irelan stated that different package options are available and if the Committee is interested, IGS Home Services will do a presentation. Irelan advised that the Committee will need to decide between the private sector option and the City's current community program.

Irelan pointed out that IGS has a revenue option where the City would get a percentage of revenue for each of the City's customers that take the plan with the revenue being earmarked to be used for energy efficiency programs.

Sheaffer had a concern with the cost and stated he is happy with the current program. Small did not have any suggestions or opinions. Comadoll stated that since the City is not in the red, it is his recommendation to stay with current program at this time.

Discussion

WSRRL Motion To Recommend to Council to Continue with Current Sewer Lateral Charges Motion: Sheaffer Second: Small

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

Nay-

WSRRL Motion To Adjourn

Motion: Sheaffer Second: Small

To adjourn the meeting at 7:11 pm

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

Nay-

Date

Jeff Comadoll, Chair



City of Napoleon, Ohio

DEPARTMENT OF MANAGEMENT

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

Memorandum

To: Water, Sewer, Refuse, Recycling, and Litter Committee

From: Monica Irelan, City Manager RE: History of Water Treatment Project

With the turnover in Council, I thought it was important to do an overview of the Water Treatment Plant Project. This presentation is longer than most of my presentations, but I believe it covers a lot of very important discussions and decisions tied to the project.

Attached is a presentation outlining the Water Treatment Project from 2011 to today. I tried to pull all relevant conversations, motions, resolutions, and ordinances that I could find.

History of Water Treatment Plant

2011 to present day

May 2011

- Jones and Henry Engineering, Ltd. did the structural review and presented the evaluation of the Water Treatment Plant.
 - Executive Summary
 - Plant constructed in 1965 and MIEX added in 2008
 - Lime-soda softening, stabilization, filtration, disinfection, treated water storage, and pumping facilities
 - Plant capacity is 4.5 mgd.
 - Most equipment is 50 years old
 - Architecturally and structurally the building is sound
 - Electrical switchgear is original and obsolete

May 2011, Continued

- Viable Options:
 - City can construct new
 - Cost \$22,250,000
 - Located at same site, similar treatment processes
 - City can rehabilitate existing with inclusion of new treatment processes
 - Cost \$10,089,800
 - Replace equipment, similar process, but add UV and GAC
- Discussion was Tabled.

February 2012

- Defiance approached us about the possibility of serving the City with water.
 - At the time there was a regionalization grant to do a study to tell us how we could get water and at what price.
 - This would not be a situation where we would close the WTP. We should de-chlorinate and run the water through the MIEX.
 - Motion of Committee and Council: To enter into a grant application with the City of Defiance for a water supply study.

August 2012

- Defiance update: There is difference between the cost of the study and the grant money received. We don't know the final costs but could have \$50,000 invested in researching options. No decisions have been made yet.
- No action taken.

November 2012

- Options for the Water Plant
 - Current plan is to rehab the present plant
 - Doing a project with Defiance: This made sense. We took legislative action to apply for a grant to get facts on the cost and plans. This study has not been completed.
 - Archbold talked about delivering water to us.
 - Building a new plant
- Staff relied heavily on
 - April 2011 report by Jones & Henry commissioned by the City.
 The new plant they were talking about was to be built on the present spot.
 - September 2012 study which spoke directly about a new plant
 - Fulton County Water Supply Demand Study: Fulton County Commissioners

November 2012, Continued

- Motion of Committee: To make the six recommendation from staff to Council, including:
 - Legislation rescinding the Defiance co-op agreement
 - Legislation to direct the CM to negotiate an extension of the Wauseon reservoir agreement
 - Direction to consent to form the collaborative agreement to build a water plant with the County Water/Sewer District and Village of Liberty Center. .
 - Legislation to redirect purpose of \$1.8 million of issued debt on rehab of old plant to new plant
 - Legislation to expend \$100,000 for test study
 - Authorize CM to negotiate any contracts needed to assist in procurement or building of plant with final approval of council

November 2012, Continued

- Collaborative Agreement to Build Water Plant with Henry County Water Sewer District and Liberty Center: Bisher said he needs direction from Council.
 - Motion of Council: To direct the City Manager to consent to form the collaborative agreement to build a water plant with the County Water/Sewer District and Village of Liberty Center.
 - Motion of Council: To direct the Law director to bring legislation to redirect the purpose of the \$1.8 million issued debt on rehabilitation of the old water plant to the new plant.
 - Motion of Council: To direct the Law director to bring legislation to expend \$100,000 for the test study
 - Motion of Council: To authorize the CM to negotiate any contracts needed to assist in procurement or building of the water plant with final approval of Council.

December 2012

- Resolution No. 083-12 A Resolution authorizing the CM to negotiate an extension of the Raw Water Supply Line Agreement between the City of Napoleon, Ohio and the City of Wauseon, Ohio.
 - We both want this agreement. This is a 25 year agreement starting in 1999.
 We would like to extend the agreement as is but extend it for 15-30 more years to assure the new plant will have access to the reservoir.
 - Approved under suspension, emergency.
- Resolution No 084-12 A Resolution authorizing the expenditure of over \$25,000 for the purpose of obtaining WTP pilot study.
 - Approved under suspension, emergency.
- <u>Resolution NO 085-12</u> A Resolution authorizing bond counsel to amend the purpose statement
 - · Passed on first reading.
- Monday, December 17, 2012: 7:00 pm City Council
- <u>Resolution NO 085-12</u> A Resolution authorizing bond counsel to amend the purpose statement Second reading.
 - Approved under suspension, emergency.

June 2013

Consortium Update

- Bisher said there have been many working meetings to see about different ways to do the water plant. The Mayor and Councilmembers McColley and Helberg attended the group meetings for about a year.
- Members would build the plant, operate it and buy water from it.
 Consortium members would be the County, Liberty Center and Napoleon. Other villages may join.
- The concept is each entity would build the plant and all price the water at the same rate.
- Bisher stated the advantage is the 1/3 grant that would take the cost from approximately \$22,000,000 to \$16,000,000.
- The main water tower maintenance would be part of the project.
- Our raw water agreement with Wauseon would not be part of it.
- We anticipate that the coalition would contract with us to operate the plant for an initial period of time because we have the operators.

June 2013, continued

- Consortium Update, continue
 - Committee and Council had concerns with one entity, one vote, since the City has 80% of the cost and liability.
 - Motion of Committee and City Council: To agree in concept with a plant that is a consortium with our neighbors

September 2013

- Assigning the Malinta and Florida Contracts to the Henry County Water/Sewer District:
 - "This has nothing to do with the county or new water plant."
 - The Village of McClure went to the district to ask for help. They built a line between Malinta and McClure to services them. There has been some issues between HCWSD and Malinta to get the water down there.
 - If we terminate the contracts with Florida and Malinta they would be customers of the District.
 - Bisher stated we would pick up an additional \$170,000 in revenue from the new customers.
- Bisher said we need to do this to
 - 1) make the EPA happy, 2) make sure McClure gets water, 3) make it easier logistically.
- Huffman said Malinta has a deadline with the EPA. This month is the time to have Napoleon water there. Expediency is needed.
 - We haven't had much discussion with Florida.
- Huffman said we should assign the contract. Heath said we cannot assign it because the rate is included.
- <u>Resolution No 051-13</u> A Resolution authorizing the City Manager to terminate or assign the City of Napoleon's Water Purchase Agreement with the Village of Malinta, Ohio and Declaring an Emergency.
 - Approved under suspension, emergency

November 2013

- Cooperative Agreement on the Building of a New Water Plant:
 - Hayberger reported that this document will eventually be one contract with three subparts. One part will be operational agreement (not produced yet).
 - Each member of the consortium will receive one vote pertaining to rates and this contract does not allow for overrides.
 - Hayberger stated that the other subparts will be finance and operational management.
 - Heath stated the operational subpart will be with the County not the consortium. Hayberger stated that per the USDA, it is the County Commissioners who would own the plant.
 - The commissioners are the only ones with the authority for this project.
 - Bisher stated that the City is not giving up control of the distribution system.
- Motion of Committee: To move forward with the Cooperative Agreement on the building of a new water plant

April 2014

- Bisher explained there was a setback regarding the new Water Plant; Wetlands
 - The County had filed for financing from the USDA
 - Because the grant is Federal money, the USDA is required by law to research factors including species, archeology, and wetlands.
 - Bisher stated that when the USDA researched the property there was a file of research compiled approximately 7 years ago for a developer.
 - This issues must be taken seriously and the extent of the wetlands must be investigated and potentially mitigated.
- Behm asked how long the delay may be. Bisher said 6 months to a year.

May 2014

- County Commissioners held a meeting with Squire Sanders to discuss the possible interim funding for the water treatment plant. They would like to start the process of transferring the financial responsibility from Napoleon to the County
 - At this meeting, the bond counsel explained several concerns with this project.
 - How do you remediate wetlands on property you don't own?
 - Is there revenue debt on the assets in question?
 - The USDA stated verbally that the grant would only be \$1-2 million not a 33-50% of the project

June 2014

- Update on project: With unsatisfactory Pilot Study, wetland issues on the property, USDA grant money coming in lower, and revenue bonds holding up the City's assets, it was time to step back and reevaluate.
- Irelan stated all figures in this report come from the 2013 Preliminary Engineering study.
 - Option 1: rehab current plant adding new processes with an estimated cost of \$11,804,700
 - Option 2: build new conventional plant on the same site with an estimated cost of \$19,519,200
 - Option 3: proceed with the new membrane plant with an estimated cost of \$22,948,800
 - Option 4: buying water from other entities such as Defiance or Archbold with an estimated cost ranging from \$10,655,250 to \$21,310,500.

June 2014, continued

 Motion of Council: To direct the CM to discuss the options of rehabbing the current facility and remaining with the consortium with balance of representation on the Board with the Consortium.

July 2014

- Consortium meetings was held
 - Cost of service model was explained as well as rate structure
 - Consortium asked to
 - still have a board to discuss rates and process
 - to have a cost a service study done with the rehab numbers included
- Suggestions were taken to Council
 - Motion of Council: To approve a water rate study by Courtney& Associations for the satellite customers.
 - Motion of Council: To add a quarterly agenda item to Water/Sewer Committee to meet with Satellite Customers.

August 2014

- Issues/ Concerns with the Intergovernmental Agreement were presented to Council
 - Hayberger explained the revenue bond holders power over the plant and assets.
 - We could get around that with an escrow account for the outstanding debt. Approximately \$3,000,000 according to Heath.
 - Irelan asked for direction from County regarding the progression of the consortium.

August 2014, continued

- Helberg stated that the Committee voted to suggest to the consortium options of the rehab of the current plant but have not heard back on their reply.
- If we rehab with GAC, GAC testing would need to be done
 - GAC test is \$10,000.
- If new build is the direction, a new pilot study would need to be done.
 - The first one was \$332,000.
- Maasel, Helberg, and Wilson suggest moving forward and allowing the Consortium to offer suggestions if they are interested in proceeding.

August 2014, continued

- Motion of Committee and Council: To proceed forward with GAC testing
- Motion of Committee and Council: To keep the water plant and all attached assets and infrastructure as City property
- Motion of Water/Sewer Committee: To authorize the CM to enter into a contract with a third party mediator for the consortium discussions as needed
- Motion of Committee and Council: To to move forward to rehab the existing water plant and start the design and EPA paperwork for the City Engineer to begin QBS process

September 2014

Consortium Update

- Irelan stated that she is not sure if the Consortium is still interested because she has received no replies regarding this.
- Jeff Nulton asked what the relationship with the consortium would be.
 - Irelan responded that she has sent emails requesting meetings either in one on one discussion or with a mediator, and she has not received any replies.
- Godwin stated there is nothing a mediate as the satellites are under currently under contracts (Godwin stated he trusts Irelan)
- Irelan believes there is plenty to discuss and would like a third party to mediate this
- Hayberger stated that information has been repeatedly given to the satellite customers
- Ridley added Council wants these changes to be collaborative discussions, not a City dominated discussion.
- Ridley added that Council's direction was to make the decisions more transparent, allowing for open discussions between all the parties.
- Helberg stated that Council authorized the mediator if Irelan needed one

January 2015

- Treatment options for the rehabilitation:
 - Option 1: Lime-soda ash softening, conventional filter upgrades, and GAC
 - \$4.5 million total capital
 - Option 2: conventional sedimentation, conventional filter upgrades, Nanofiltration membranes
 - \$4 million total capital
 - Option 3: Conventional sedimentation, ultrafiltration membranes, and Nanofiltration membranes
 - \$6.3 million total capital

The evaluation assumed the elimination of the MIEX process, and the evaluation only included the different treatment portions of water distribution; adding that the overall cost is still being developed.

- Option 1 and 2 propose pretreatment with conventional filtration, however the difference is in the organic removal and softening.
- Option 2 is the most cost effective option but has more operational based concerns as it does not remove pesticides or nitrates.
- Option 3 is similar to the new plant we were going to build and would require a pilot study for the membrane process.
- Council referred to Committee for further review.

February 2015

- Resolution No. 012-15: A Resolution authorizing the CM to enter into a contract with URS Corporation for Professional Design Services for the Project known as the Water Treatment Plant Improvement Final Design
 - Approved under emergency, suspension.

February 2015, continued

- Rob Shoaf from URS (AECOM) came to WSRRL committee to answer questions about the three options.
 - There were a lot of question about the membrane technology. Shoaf answered the questions.
- Ridley asked Irelan for her recommendation.
 - Irelan responded, from a business point of view-Option 2.
 - There will be a learning curve with either of the new processes.
 - The engineering contract includes an operational manual as well as training.

February 2015, continued

- Motion of Water/Sewer Committee: To recommend that Council approve Irelan's recommendation of nanofiltration membrane system
- Motion of City Council: To approve the Nanofiltration System Water Plant (Option 2)

April 2015

- Irelan presented to analyses of the cost of service
 - This study was to show how much it would cost individuals if the satellite customers left.
 - In 2021, it is estimated, based on the assumptions, that it will cost as resident \$13.01, commercial \$62.49, and industrial \$334.80 more if the satellite customers leave in 2020.
- No action was taken.
- John Courtney came to a joint meeting of WSRRL committee and Council to discuss how we structure our Cost of Service and Rates

June 2015

- Discuss was had to terminate the HCWSD contract
 - Motion was made by Marihugh
- Irelan explained the Malinta termination/ assignment history and that in September of 2013, Council authorized the CM to terminate or assign the Malinta contract to the HCWSD
 - Irelan noted that, in the rush, there were a few items that needed to be amended that were, including the District's contract with the City which specifically forbids the District from selling water to Malinta and McClure.
 - Irelan informed the District that it is up to them to bring a proposal back to the City on how to remedy this.
 - Irelan stated that she wanted to talk about this in the public
- Ridley believes cancelling of the HCWSD the may be premature.
 Helberg agreed
 - Motion was withdrawn until Irelan has a conversation with Malinta

WTP Update:

- Irelan reported that the building was in good condition. It needs new HVAC and Electrical.
- The internal team discussed treatment flow and architectural design
 - Helberg stated he is concerned it will look too institution especially for a residential area
- Team agreed to use UV disinfection to meet the October 2016 LT2 deadline
 - This will help meet future EPA regulations as well

- Irelan reported the HCWSD plan is coming out with a new version.
 - They do not want to make any proposals to the City until the plan is reviewed.
- Liberty Center requested a cost update.
 - Irelan reported the project cost is estimated at \$14.5 million. This is \$12 million rehab with \$2.5 million note carried forward.
- Maassel stated that there is a point where the City must state what will be done; and this will likely be discussed with bond holders next year
- Maassel stated that the City would like the satellite customers to remain as customers;
 - Maassel suggested receiving a decision to remain as customers by October, adding that decisions after that deadline may require a higher rate due to the need to bond the debt.

- Sheaffer stated that the current Advisory Committee regarding Fire and EMS rates had a lot of mistrust by Township Trustees
 - With quarterly meetings, there is transparency and the mistrust has ceased.
- Godwin suggested a Council member come to the meetings of the satellite customers
 - Irelan is to set up the meetings
- Godwin asked if Council would welcome proposals within the four (4) month period
 - Maassel stated that open communication is welcome; Council agreed.
- Maassel asked Godwin if he believes that the study will show the exact figure for rates using other options
 - Godwin believes it will be an estimate
 - Rettig stated that the HCRWSD Engineer would like to meet with Irelan and Council to discuss the plant design; Council agreed

- Irelan stated that members of Council had spoken to her regarding more publicity regarding the facts of the project and how the discussions have proceeded with the satellite customers.
 - Wilson believes it is important to get the facts out regarding the steps that have been taken and the direction of this project. Comadoll aproved.
- Motion of Committee and City Council: To direct the CM to draft a letter to the editor regarding the direction of the Water Treatment Rehabilitation Project

August 2015

- Council opened up the Architectural Design to the people for comment
- Council referred the review of the WTP Architectural Design

September 2015

- Architectural Design was discussed.
 - Main topic was how to make the building as least expensive as possible
- Motion by City Council: To make the top of the building emulate the bottom architecture using two tone split face block and smaller windows.
- Discussion of beautifying the MIEX building with murals was had.
 - Referred to WSRRL Committee

October 2015

- Ridley asked Irelan if there was an update on the satellite negotiations since the October 15 deadline was approaching.
 - Irelan reported that she started negotiating with Florida and they are asking for an extenstion.
- After discussion, Committee recommends an extension to anyone who started negotiating prior to October 15
- Motion by Committee: To extend to Florida a thirty day extension on the Water Treatment Plant deadline, and give CM Irelan the authority to allow an extension to any satellite customer that begins negotiating with the City before the end of business day Thursday, October 15.

December 2015

- Discussion of the Malinta Agreement:
 - Irelan reminded Council that the HCWSD's contract specifically restricts them from selling water to Malinta and McClure.
 - Council authorized the CM to terminate or assign the Malinta contract to the District.
 - Irelan is not comfortable agreeing to the assignment without Council's direction.
- Sheaffer recommended not assigning the Malinta contract until the bigger, long-term contract is agreed to
 - McColley agreed.
 - Ridley added that when this was agreed to, there was an understanding that we would all be buying water from the County.
- Behm asked how the overall negotiations were going
 - Irelan stated that she received a proposal from their engineer

December 2015, continued

- Maassel stated he was not sure if negotiations would continue since it has been 2 years and 2 months. He added that it should be part of the bigger negotiation.
- McColley believe negotiations will not stop and this topic will be rolled into the overall conversation
- Irelan stated she can roll this issue in to the larger negotiations if Council approves.
 - Her only concern is that it will be perceived that it is the City fault the deal has not been finalized.
- Helberg stated that the City can commit to this item staying on the table.

January 2016

- PowerPoint presentation outlining the history of the negotiations with the satellite customers was shared.
 - Bulk water rate based on actual cost to produce water or treat drinking water with markup of \$4.25 per 1,000 gallons. Creating board that is able to review rates and water production costs annually.
- Irelan reported we offered a counterproposal including an agreement
 - Bulk rate on actual costs is reasonable though this figure is still being debated
 - offering the board to meet quarterly until trust is better established, then reduced to annually
 - asking for some payment tied to Administration and Distribution costs which were left out of their proposal.
- Irelan reported the customers feel it is too difficult to determine a means of calculating and verifying the cost of distribution and administrative costs, and this has been the issue all along, adding that she plans on offering a compromise on the administrative costs and will try to figure out a logical, fact-based calculation for the distribution cost.
- Irelan stated that the satellite customers believe they can build a plant and make their own water at a lower cost., although they are beginning to understand the cost of producing water.
- Motion of Committee: To allow the CM to continue negotiations with the satellite customers.

January 2016, continued

- The City of Napoleon did receive EPA approval on the UV disinfection which must be installed by October 1, 2016.
 - In order to meet the deadline, we will be bidding the UV separate from the overall project.
- The rehab design drawings are a little behind schedule.
 - I had a candid conversation with AECOM. They have made some great improvement in the last month.
 - The construction schedule has not changed. We are aiming for August/September 2016.

• Funding:

- I did apply for \$6.0 million from the State Capital Fund.
 - Every other year, if there is a State budget surplus, a portion of the extra funds must go back to the communities through the Capital Fund.

April 2016

- We went out to bid the UV Project
 - UV and high service pumps tied to the EPA LT2 rule and needs to be installed by October 1, 2016.
- Update of Water Treatment Plant
 - Rob Shoaf from AECOM reported that the plant is at different stages of completion depending on the discipline.
 - In February, we submitted our application to DEFA for Low Interest Algal Bloom loans.
 - Shoaf went on to report the UV project will be bid out separate and installed in fall 2016.
 - The overall project will be submitted in the coming weeks with hopes of opening bids in mid to late fall, 2016 and completion Summer of 2018.
 - Maassel question when the RPA comes back with the first submission, what is the anticipated turnaround form the EPA.
 - Shoaf responded 3-4 months.

May 2016

- Rehab update: With the economy getting better the price of equipment and construction is going up. That means that our engineering estimate for the project is going up.
 - The staff and I went line-item by line-item through the current design to cut items that we felt were unnecessary and that would not improve the quality of water.
 - We cut approximately \$350,000 from the project. Tonight, we asked Council their opinion on a structural item.
- If we leave the entrance where it is instead of moving it to Riverview Ave., we could cut another \$300,000 from the project.
- Motion of Committee and Council: Motion to make cost saving changes as presented by the City Manager including the change in the entrance location and design

Questions?



City of Napoleon, Ohio City Council In Joint Session With Water, Sewer, Refuse, Recycling & Litter Committee

Special City Council Meeting Agenda Monday, May 8, 2016 at 7:00 pm

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

- I. Presentation on History of Water Treatment Project.
- II. Update on Water Treatment Plant Rehabilitation Project.
- III. Executive Session (Compensation of Personnel)
- IV.Adjournment.

Gregory J. Heath, Finance Director/Clerk of Council

City of Napoleon, Ohio Municipal Properties, Buildings, Land Use, & Economic Development Committee

Meeting Agenda Monday, August 8, 2016 at 7:30 pm

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

- I. Approval of Minutes of July 11, 2016 (In the absence of any objections or corrections, the Minutes shall stand approved.)
- II. Review of CIC Agreement due to the resignation of Director Amanda Griffith (Tabled).
- III. Review of Goals for the CIC.
- IV. Discussion of Dedication of Clairmont Avenue from Briarheath to Westmoreland.
- V. Updated information from Staff on Economic Development (as needed).
- VI. Adjournment.

Gregory J. Heath, Finance Director/Clerk of Council

City of Napoleon, Ohio

Municipal Properties, Buildings, Land Use & Economic Development Committee Meeting Minutes

Monday, July 11, 2016 at 7:00pm

PRESENT Committee Members City Staff

Patrick McColley - Chair, Travis Sheaffer, Jeff Mires, Jason Maassel

Greg Heath, Finance Director/Clerk of Council

Monica Irelan, City Manager Lisa Nagel, Law Director

Dennis Clapp, Electric Superintendent Chad Lulfs, Director of Public Works

Anne Taylor Media

Recorder Others

ABSENT

Committee Staff

Call To Order

Chairman McColley called the meeting to order at 7:27 pm.

Approval Of Minutes

Minutes of the May 9, 2016 meeting stand approved as presented with no objections or corrections.

Review of CIC Agreement due to the resignation of Director Amanda Griffith Review of CIC Agreement due to the resignation of Director Amanda Griffith.

Irelan gave an overview of the City's relationship with the CIC stating that the focus of the City has been the industrial customers as well as development of City owned property. Irelan advised that City has provided financial assistance to the Henry County CIC every year for several years with the 2016 contribution at \$34,000.00, but explained that there is no mandatory financial contribution for the CIC's services. (See Attached Memo)

Discussion

Irelan has been approached several times and asked why Napoleon's CIC is not like Defiance's CIC? Irelan advised she responded to the inquiries by advising that the answer lies within the amount invested by the County and City into our CIC. Sheaffer advised that the Defiance CIC is involved in all of the Community and is very active; adding that he would like to see our Henry County CIC be more comparable to the way Defiance is modeled and would be willing to invest more funds to make that happen. Maassel advised that it would be an investment for potential residential and industrial customers as it is the residents looking for work, but you would need to deal with the property inventory you have and also include commercial property. Maassel feels the CIC is losing its longevity with the loss of Amanda Griffith as she has resigned as the Director.

It was a mutual consensus of the Committee that the City does not want to

leave the CIC. McColley stated that the City of Napoleon is paying \$34,000 per year and getting ninety percent (90%) of the service.

Mires asked if the City were to make a larger contribution to the CIC, if in return, the County would put in additional funds as well with Irelan advising that it is a discussion that should take place.

Maassel stated that the County would argue that they give in kind donations including housing the office space, etc. Maassel feels a joint meeting with the Napoleon City Council and the Henry County Commissioners should take place in the near future prior to budget season with Sheaffer recommending late August with a new director to be in place by early September. A list of goals for the new director will be put together prior to the meeting. The issue was tabled.

Tabled the Review of the CIC Agreement

Motion: Sheaffer Second: Mires
To Table the Review of the CIC Agreement

Passed:

Roll call vote on motion:

Yea- 4 Nay- 0

rezoning

Yea-McColley, Sheaffer, Maassel, Mires

Nay-

Review of the notification requirements tied to

0

Irelan advised that it became clear recently that the notification tied to rezoning did not reach enough industrial customers during a recent Planning Commission meeting. Irelan added that in order to remedy this communication gap, the Committee is being asked to review the issue. Irelan's recommendation, since the City is within normal range compared to other local entities, would be for Council to decide if they want to impose more stringent regulations than our benchmarks. If that is the direction of Council, staff would recommend the more stringent regulation be tied to businesses zoned industrial, not to other commercial or residential areas. (See Attached Memo)

Discussion

McColley feels the residential and commercial notifications are fine, but feels the Industrial notifications need to be amended.

Sheaffer asked if there are any Industrial Zones outside of the Industrial Park with Irelan advising there are a few elsewhere.

Maassel recommended that all Industrial customers be notified with Sheaffer agreeing. Maassel and Irelan concurred but advised that all customers within 200' would also need to be notified.

Motion to recommend to Council to keep the distance notification for rezoning requests at a 200' radius and include all industrial properties when applicable. Motion: Jeff Mires Second: Maassel 7:53 PM Motion to recommend to Council to keep the distance notification for rezoning requests at a 200' radius and include all industrial properties when applicable.

Passed:

Roll call vote on motion:

Yea- 4

Yea-McColley, Sheaffer, Maassel, Mires

Nay- 0

Nay-

Discussion of City Manager's traffic flow alterations

Irelan advised that Council directed her to bring traffic flow alterations to Committee prior to initiating changes in order to inform Council of the traffic alterations due to the demolition of the schools. Irelan explained the suggestions from staff after an investigation of the intersections were performed. (See Attached Memo)

Irelan was concerned about changing the snow removal ranking around the current CD Brillhart property to a level three (3) snow removal status as a new senior center will be constructed in that area. Sheaffer recommended keeping that area as a high level ranking for snow removal.

Irelan advised that the City has a mutual contract with the County to clear the parking lot and sidewalks at the CD Brillhart property through an agreement for the soccer fields.

Maassel is concerned with the Meals on Wheels service that will be operated out of the new Senior Center on that property in the near future with the delivery vehicles coming in and out distributing food to the elderly. The consensus of the Committee was to leave the CD Brillhart area at its existing snow removal level and authorize the City Manager to make all other changes outlined in the attached memo.

Irelan advised she will do a press release to notify residents of the changes.

Sheaffer expressed his concerned about the traffic pattern at Woodlawn Avenue and Glenwood Avenue with Irelan advising that has been looked at in the past.

Updated Information From Staff On Economic **Development**

McColley suggested the Committee visit all of the City's Industrial businesses. It was the consensus of the Committee that making a public relations visit with the business owners would be a good idea. McColley volunteered to coordinate a schedule of visits with businesses in the near future.

Motion To Adjourn

Motion: Sheaffer Second: Maassel

To adjourn the meeting at 8:05 pm.

Passed:

Roll call vote on motion:

Yea- 4 Nay- 0 Yea-McColley, Sheaffer, Maassel, Mires

Nay-

Patrick McColley, Chair



City of Napoleon, Ohio

DEPARTMENT OF MANAGEMENT

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

Memorandum

To: Municipal Properties, Buildings, Land Use, and Economic Development

From: Monica Irelan, City Manager

RE: Discussion of Dedication of Clairmont Avenue

History:

The School District owns Clairmont Avenue from Briarheath to Westmoreland. The District has been talking about dedicating this portion of road to the City for several years, but they choose to delay the dedication until after construction was complete.

The District approached the City a couple months ago in order to start the conversation again. Staff investigated the condition of the road which is why we are bringing this item to Committee. Usually, when the City accepts privately owned roads, those roads must be brought up to City standards prior to accepting the dedication. This ensures that we do not take over a road in poor condition and have to use tax dollars to repair or replace the dedicated road in the near future. The current condition of Clairmont from Briarheath to Westmoreland is not up to City standards. Research:

Attached is a memo written by the Public Works director outlining our normal process and some of the deficiencies we would be taking on the City accepted the road in current condition. Recommendation:

Staff and I recommend the District bring the road up to standards prior to the City taking over the road. This is in-line with our normal policy and procedures.



City of Napoleon, Ohio

Department of Public Works

255 West Riverview Avenue, P.O. Box 151
Napoleon, OH 43545
Chad E. Lulfs, P.E., P.S., Director of Public Works
Telephone: (419) 592-4010 Fax: (419) 599-8393
www.napoleonohio.com

Memorandum

To: Monica Irelan, City Manager

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

cc:

Date: July 18, 2016

Subject: Clairmont Avenue from Briarheath Avenue to

Westmoreland Avenue – Dedication Plat

School officials have requested the City to take ownership of Clairmont Avenue from Briarheath Avenue to Westmoreland Avenue. Per Section 1105.14 of the City of Napoleon's Codified Ordinances, **ACCEPTANCE OF DEDICATION PLATS**:

"Plats submitted to the City for mere dedication of public streets, alleys, right-of-way and/or infrastructure may be excepted from Planning Commission review and submitted directly to Council for approval, subject to the City Engineer's approval as to the items being dedicated and subject to the posting of bonds as may be required."

Per this section, the City Engineer shall approve the items being dedicated. Per Section 1105.08, **PUBLIC IMPROVEMENT DESIGN AND CONSTRUCTION PROCEDURES**, (a), (3):

"The drawing shall indicate compliance with the standards and specifications for public improvement adopted by the City and shall also be in compliance with the City engineering rules and regulations."

Per this section, all infrastructure dedicated to the City shall meet the design specifications of the City of Napoleon. Although the existing cross section of the street cannot be know unless the street is excavated, it is known that the surface asphalt is in need of repair. Because there have not been any failures in the overall pavement structure, the street appears to have a sufficient cross section. However, the surface asphalt needs to be replaced (resurfaced). Much of the curb and gutter also needs replaced, along with most of the concrete walk on the southeast end of the street.

Several of the drainage structures need to be replaced along with the cross-over pipes under the road. Field inspection has found that many of the drainage structures are deteriorating. There is a sink hole in the lawn that indicates a hole in the storm sewer main, as well. It is my recommendation that these issues be addressed by the current owner prior to the City accepting ownership of this area.

CEL

City of Napoleon, Ohio Board of Zoning Appeals

Meeting Agenda Tuesday, August 9, 2016 at 4:30 pm

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

I.	Call to Order
II.	Roll Call
III.	Approval of Minutes from July 12, 2016 (In the absence of any corrections or objections, the Minutes shall stand approved.)
IV.	New Business
	BZA 16-05 An application for public hearing has been filed by Michael and Jennifer Brown, owner of 1095 Westchester Ave., Napoleon, Ohio is requesting a variance so they may install a 4 foot split rail fence in the front yard that will be 1 foot higher then allowed by City Code Chapter 1127.08 The property is located in an R-2, Low Density Residential District. The request is City. pursuant to City Code Chapter 175.
V.	Closing Remarks
VI.	Adjournment
	Gregory J. Heath, Finance Director/Clerk of Council

City of Napoleon, Ohio Board of Zoning Appeals Meeting Minutes Tuesday, July 12, 2016 at 4:30 PM

PRESENT

Board Members

City Staff Recorder Others Robert McLimans - Chair, Tom Mack, Laurie Sans

Tom Zimmerman, Zoning Official

Anne Taylor

ABSENT

Board Members Call To Order

David Dill, Steve Small

Chairman McLimans called the meeting to order at 4:30 pm with roll call noting that

a quorum was present.

Minutes Approved

Minutes from June 14, 2016 stand approved as read with no objections or

corrections.

BZA 16-03 Background An application for public hearing has been filed by Keith Layman owner of 403 E Main St., Napoleon, Ohio. The applicant is requesting a variance to allow the construction of a second 15'x 20'300 square foot building on the same lot that has an existing 45'x 22' 990 square foot building, with a combined gross floor area of 1290 that is 290 square feet greater than is allowed by section 1131. The property is located in an R-4, High Density Residential District. The request is pursuant to City Code Chapter 175. This property is located in an R-4, High Density Residential District that does allow for an accessory building of more than 1000 sq ft.

Research And Information

Zimmerman read into record the research and information including a letter of support for Mr. Layman from Ron Barton of 333 E Main St, Napoleon, Ohio 43545 (See Attached)

Submittal Of Evidence

Photos of the property were submitted as evidence.

Swearing In:

Chairman McLimans swore in Keith Layman and asked him to address the Board.

Testimony

McLimans asked Mr. Layman to explain the purpose for this building with Mr.

Layman responding he will use it for his woodworking hobby.

Motion To Approve BZA 16-03 As Presented Motion: Mack Second: Sans

To approve BZA 16-3 as presented

Passed Roll call vote on above motion: Yea- 3 Yea – McLimans, Sans, Mack Nav- 0 Nay – **BZA 16-04** An application for public hearing has been filed by Brooks Pedraza owner of 302 Jahns Rd., Napoleon, Ohio. The applicant is requesting a variance to reduce the **Background** current side yard setback of 7 to 5' so that he may demolish an existing carport and build a garage in the same location. The property is located in an R-2, Low Density Residential District. The request is pursuant to City Code Chapter 175. Research And Zimmerman read into record the research and information. Information **Submittal Of** A letter submitted by the neighbor at 1134 Hurst Drive, Napoleon, OH 43545 stating that he approves the plans and wishes the Board of Zoning Appeals to grant Mr. Evidence Pedraza's request for the variance. Photos of the property were submitted as evidence. Mr. Zimmerman asked Pedraza if it would be a sloped or flat roof with Pedraza Discussion responding it will be a sloped roof. Sans asked if it is a five (5) feet or five foot six inches (5'6") with Zimmerman advising that he is not one hundred percent (100%) sure where the actual placement of the original pin is, so it will be between five (5) feet or five foot six inches (5'6") when the pin is located. Motion: McLimans Second: Mack **Motion To** Approve To approve BZA 16-4 as presented **BZA 16-04 As** Presented **Passed** Roll call vote on above motion: Yea-3 Yea – McLimans, Sans, Mack Nay- 0 Nay – Adjournment Motion: McLimans To adjourn the meeting at 4:42 pm Passed Motion approved by unanimous voice vote.

Date

Robert McLimans, Chair

City of Napoleon, Ohio Planning Commission

Meeting Agenda Tuesday, August 9, 2016 at 5:00 pm

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

- I. Call to Order
- II. Roll Call
- III. Approval of Minutes from May 25, 2016 (In the absence of any corrections or objections, the minutes shall stand approved.)
 - IV. Business
 - A. PC 16-06

An application for a public hearing has been filed by Henry County Commissioners. The applicant is requesting to replat lot 3, 4 and 7 of The Oakwood Plaza Subdivision. The request is pursuant to Chapter 1105 of the Codified Ordinances of Napoleon Ohio. This property is located in a C-4 Planned Commercial Zoning District.

- V. Closing Remarks
- VI. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

City of Napoleon, Ohio **Special Planning Commission Meeting Minutes** Wednesday, May 25, 2016 at 5:00pm

PRESENT Members

Robert McLimans - Chair, Marv Barlow, Tim Barry, Fredric Furney, Mayor

Jason Maassel

City Staff

Tom Zimmerman, Building Official; Monica Irelan, City Manager; Lisa Nagel, Law Director; Greg Heath, Finance Director/Clerk of Council; Clayton O'Brien,

Fire Chief; Patrick McColley, City Councilman

Recorder Others

Anne Taylor

ABSENT

News Media; Amanda Griffith, CIC Director

Call To Order

Chairman McLimans called the meeting to order at 5:00pm, noting that a quorum was present.

Approval Of Minutes

Minutes from the April 12, 2016 meeting stand approved as presented.

PC 16-02 Background

McLimans read the background on PC 16-02:

An application for a public hearing has been filed by GM Carnahan, LLC requesting the City vacate a street located to the east of the building located at 207 W Front St. between Front St. and the river This request is pursuant to City

Code Chapter 909.

PC 16-02 Research And **Findings**

Zimmerman read the research and findings for PC 16-02:

- 1. GM Carnahan, LLC owns the properties that touch both sides of the requested vacation. This Street has never been improved and dead ends into the river. There currently are two active City storm sewers in this right of way that discharge into the river. These storm sewers will remain and the City of Napoleon will have an easement to maintain them. All City Departments have reviewed and verified that this City owned Land has no other public purpose other than the storm sewers.
- GM Carnahan, LLC is aware that they are not allowed to build any structure in this easement.

Evidence

Zimmerman submitted photos as evidence.

Discussion

Barry questioned if sewer system will be affected with Zimmerman responding that the sewer will remain as is and there is not a plan to relocate the sewers.

Motion To Approve

Motion: Barry

Second: Maassel

PC 16-02

Roll call vote on above motion:

To Approve PC 16-02

Passed Yea-5

Yea- McLimans, Barlow, Furney, Barry, Maassel

Nay- 0

Nay-

PC 16-03 Background

McLimans read the background on PC 16-03:

An application for public hearing has been filed by KWS-Landmark, LLC. The applicant is requesting a minor subdivision of lot No.2, Henry Landmark, Inc. First Add., This subdivision will create Lot A and Lot B located between the buildings at 1414 Scott St. The request is pursuant to Chapter 1105 of the Codified Ordinances of Napoleon Ohio. The property is located in a C-4 Planned Commercial Zoning District.

PC 16-03 Research And Findings

Zimmerman read the research and findings for PC 16-03:

- 1. The proposed subdivision of land meets all the requirements of Chapter eleven of City's Codified Ordinances pertaining to Subdivision regulations, lot size and building setbacks and parking requirements.
- 2. The existing buildings on the proposed lots A and B each have separate water and sanitary sewer services.
- 3. The City Engineer has reviewed and approved the proposed subdivision.

Evidence

Zimmerman submitted photos as evidence.

Discussion

Barry questioned if the utilities will be contained with Zimmerman responding that they will be contained.

Motion To Approve PC 16-03

Motion: Barry Second: Furney

To Approve PC 16-03

PC 16-03

Roll call vote on above motion:

Yea- McLimans, Barlow, Furney, Barry, Maassel

Nay-

Yea- 5 Nay- 0

Passed

PC 16-04 Background

McLimans read the background on PC 16-04:

An application for public hearing has been filed by Derrow Properties, Inc. The applicant is requesting a replat of Lot B1 of the replat of lots 6&7 in block 1 Phillips & Staffords First Addition. This subdivision will create Lot 1 and Lot 2 located to the West and to the North of the Pocket Park 124 W. Washington Napoleon. The request is pursuant to Chapter 1105 of the Codified Ordinances of Napoleon Ohio. The property is located in a C-1 General Commercial Zoning District.

PC 16-04 Research And Findings

Zimmerman read the research and findings for PC 16-04

1. The proposed subdivision of land for lot 1 meets the requirements of Chapter eleven of City's Codified Ordinances pertaining to Subdivision regulations, lot size and building setbacks and parking requirements.

Evidence

Zimmerman submitted photos as evidence.

Swearing In

McLimans swore in Rod Derrow and asked him to address the Board.

Testimony

Derrow advised the Board an interested party would like to purchase the building and use the vacant lot for parking. Barry asked Derrow if the property in question is accessible from Scott Street with Derrow responding that it is accessible from the alley on Scott Street.

Motion To Approve PC 16-04 with a Variance for the Lot

Motion: McLimans Second: Barlow To Approve PC 16-04 with a variance for the lot

Passed Yea- 5 Nay- 0 Roll call vote on above motion:

Yea- McLimans, Barlow, Furney, Barry, Maassel

Nay-

PC 16-05 Background

An application for a public hearing has been filed by the Henry Co. Community Improvement Corporation of Henry Co. on behalf of the proposed A Renewed Mind commercial project and The City of Napoleon. The applicant is requesting to change the official zone map, from I-2 Open Industrial, R-3 Moderate Density Residential and R-4 High Density Residential to C-4 Planned Commercial, for a multiple parcel 50 acre area up to Commerce Dr.

PC 16-05 Research And Findings

The Proposed Renewed Mind Project will be on seven acres of the 50 acres that rezoning has been requested. The other 43 acres is owned the City of Napoleon twenty acres is the solar field, five is open land and the rest is unbuildable ravine covered with trees.

Evidence

Zimmerman submitted photos as evidence.

Discussion

McLimans asked Zimmerman if proper notification was given to adjoining property owners. Zimmerman stated that letters were mailed to all property owners within 200 feet of the area and advised a few responses were received. McLimans read a letter of opposition into record dated May 20, 2016 from Michael W. Koester of Koester Corporation and co-signed by Jeffrey L. Spangler, Charles B. Leader, Loren Sonnenberg, Ronald E. Ernsberger, Larry Huber, and Peter C. Beck, all business owners in the Industrial Park region. (See Attached)

McLimans read into record a letter of opposition dated May 24, 2016 into record from Charles B. Leader, business owner of Leader Engineering(See Attached)

Discussion

City Manager Monica Irelan read into record a letter from A Renewed Mind detailing the background and intentions of the facility. (See Attached)

Swearing In

McLimans swore in Amanda Griffith, CIC Director and asked her to address the Board.

Testimony

Griffith advised the Board that the representatives of A Renewed Mind were presented and shown five (5) other potential options for commercially zoned properties in the City of Napoleon for their proposed facility. For various reasons, A Renewed Mind did not feel the other potential parcels did not meet their needs. Griffith stated that A Renewed Mind chose this location in question as it is just below industrial area and close to the hospital. Griffith advised that The CIC is acting as the transfer agent for the land on contract with the City of Napoleon.

Irelan addressed the audience, expressing her appreciation of the attendance from the audience. Irelan pointed out that this site in the Industrial park is more suitable for a Renewed Mind than an Industrial business due to factors pertaining to it being considered a Brownstone site.

Irelan advised that in response to the increased drug activity, Napoleon joined

the Multi Area Narcotics Unit (MAN unit) in 2015 with the City experiencing an increased need of services. Irelan reported that on average, between 2013 and currently today, the City of Napoleon Emergency Medical Service runs total 12.5% for behavioral or psychological related incidents and 2.5% of all runs relate to drug poisoning or drug addiction.

McLimans asked Irelan if a grant funded the Solar Field project that was zoned I2 and if there is a need to change the current zoning on the solar field property. Irelan stated the solar panels are owned by AMP Ohio and the solar field property should be zoned industrial or commercial.

Barry questioned why the entire parcel in question needs to be rezoned if A Renewed Mind is only purchasing seven (7) acres, with Irelan responding that the remaining acreage would need changed to Industrial or Commercial. Irelan advised it is a mixed bag of how properties are zoned in the Industrial Park region.

Barry questioned Zimmerman if it is an option to only change the seven (7) acres to allow for the potential need for industrial property in the future. Irelan pointed out there are three (3) current 10 acre parcels on the map that the City owns and are ready to be occupied by an industrial company.

McLimans asked Irelan where the proposed railroad exchange will be located with Irelan advising it will be located on fourteen (14) acres just South of the area in question. Barry asked if the rail will abut the property proposed for A Renewed Mind with Irelan confirming it will and added that the railroad does intend on using all of the land.

McLimans swore in Kelly Burkhardt, Executive Director of Together We Make A Difference Initiative and asked her to address the Board.

Burkhardt advised the Board that Together We Make A Difference Initiative currently provides assistance to over three hundred (300) families in Northwest Ohio. A young volunteer of the organization had approached Burkhardt seeking assistance for his heroin addiction. Burkhardt stated she felt helpless to this young man as there is currently not a local facility to seek in patient assistance. Burkhardt continued by stating that this young man passed away recently from a heroin overdose and she feels this proposed facility is important for young folks and many others. Burkhardt finished by appealing to the Board that Henry County cannot afford to lose the A Renewed mind.

McLimans swore in Ronald Ernsberger, local business owner and asked him to address the Board.

Ernsberger addressed the Board and advised that he is a lifelong resident of Henry County and brought his business to Napoleon in 1993 with his partners. Ernsberger stated he purchased property in the Industrial Park for Vision Molded Plastics. Mr. Ernsberger advised that he has sold the business, but has retained ownership of the land and building which is currently leased to Old Castle. (See Attached Document from Mr. Ernsberger for additional background information)

Ernsberger advised the Board he wanted to be crystal clear that his opposition to the proposed rezoning is not an opposition to A Renewed Mind coming to Napoleon; rather it is about rezoning property to commercial when there are

Swearing In

Testimony

Swearing In

Testimony

other opportunities locally available for a commercial business other than industrial zoned site.

Ernsberger questioned why letters were only sent to properties located within 200 feet of the proposed property, feels the City intentionally ignored the opinions of those property owners beyond 200 feet of the proposed site, questioned why other property owners only heard of the proposed zoning change on May 9, 2016 of the rezoning of seven (7) acres. Ernsberger questioned why the acreage was changed from seven (7) acres to be rezoned for A Renewed Mind to fifty (50) acres to be changed to commercial. Ernsberger expressed his lack of understanding why the City would expose two (2) Industrial businesses from Defiance to the same situation that led to the businesses leaving Defiance to establish their businesses in Napoleon. Ernsberger stated he felt the City's public hearing is just a legality "checkmark" to say they held the hearing, but will go ahead and do what they want to do anyway. Ernsberger reported that Attorney John Donovan has received the seven (7) acre survey which is in the process of being recorded to finish the deal and send it to the City of Napoleon to close and proceed on the sale to A Renewed Mind. Ernsberger stated he feels everything was already set in place prior to a public hearing without asking members of the Industrial Park for their input.

In closing, Ernsberger went on to say that changing the zoning on property in the Industrial Park to Commercial is clearly the wrong thing to do for the City, County and current property owners, adding that Industrial business is difficult to come to any community, and it is a long process that needs to be prepared for in advance. Ernsberger feels that putting commercial business in the middle of the Industrial Park will have a long term negative impact on the value of the property, land, and infrastructure already in place.

Ernsberger addressed the Board and stated if the City or this Board feels A Renewed Mind is important to the community, then take the \$20,000 for the seven (7) aces of land and subsidize it with more tax dollars to get the facility in a commercially zoned property, which in turn will benefit the sellers of the commercial property.

Ernsberger stated his partners and himself do not approve of how this situation was handled, feeling it was being snaked through system and shoved down their throats. In closing, Ernsberger stated his company does not and will not support this zoning change and urged the Mayor and City Council to stop this proposed rezoning for the best interest of all involved.

McLimans swore in Michael Koester of The Koester Corp and asked him to address the Board.

Koester advised the Board he was present to voice his opposition to the proposed rezoning and gave a brief history of the Koester Corp. Koester explained that seven (7) years ago, his company closed the deal on approximately four (4) acres at 1650Ccommerce Drive. Koester stated that the County, CIC, City and others came together to make Koester feel welcome in this community adding that he did not ask for any financial assistance from the City. However, the City created a tax incentive rebate of the company's payroll if it exceeded \$2,000,000. Koester stated there have been several failed business deals in Napoleon, most recently including Rural Logic. Koester informed the Board that Rural Logic promised to create 200 IT positions with no basis on their plan, adding that it is hard to create jobs and it takes work, time, good fortune and working together. Koester felt that is what he would have in Napoleon and Henry County and working together as a team with The Koester Corp creating the jobs and feels

Swearing in

Testimony

that relationship is changing. Koester advised his business designs and builds machines for industrial applications and feels he has a wonderful location which has spurred growth with being close to interchange for the ease of doing business with his customers. Koester stated that his business has doubled in size, revenue and payroll in seven (7) years of which \$78,000 is City income tax.

Koester stated his opposition of the rezoning because of the fact that he wants to preserve the Industrial Zone. Koester voiced his concerns stating that this is not about A Renewed Mind as he feels the facility is important, but rather it is about saving valuable Industrial land that will make his land locked with no ability to expand. Koester advised the Board that the City needs to work harder and dig deeper to find a mutually agreeable solution, while at same time preserving the Industrial community to conduct business. Koester feels private entrepreneurs were outbid by the City of Napoleon for A Renewed Minds business with the City giving an artificially low price, adding that he had paid \$3500.00 an acre for his land in Zone B and C.

Koester suggested the facility consider 3.5 acres located next to The Henry County Hospital that is owned by the County Commissioners. Koester stated that expansion and growth happens by people making mistakes referring to Defiance making mistakes which brought good fortune to Napoleon adding that there should be a lesson learned from City of Defiance out working Napoleon and taking B & B Molded Plastics business. He urged the City Officials to have a competitive mind set to attract commercial and industrial jobs in a smart way stating "this is not a smart way".

Koester feels that at least twenty seven (27) acres of this rezoning is inappropriate and this seven (7) acres can be used for Industrial use urging the City to not give up the land as it is usable stating that he has checkbook with him to purchase the land, but no one asked him if he was interested in purchasing the property.

Koester informed the Board that A Renewed Mind is a 501C not for profit organization that does not pay real estate taxes with Koester advising that his annual property tax is over \$31,000.00 which will not happen on the seven (7) acre lot if the proposal tonight is approved. Koester stated A Renewed Mind's estimated payroll is \$1.2 million with a little over \$21,000.00 paid in income tax. It is Koester's belief that this land should be preserved for a full pay, Industrial partner to the City.

In closing, Koester stated that the manufacturing employers and businesses in this proposed area are united and know this is not the right thing for the City to do and certain the location is wrong and urged the Board and the City to not ignore the business owners. Koester went on to state that the manufacture sector is a big factor to get young people to come back and be a part of this community. Adding he knows Commerce Drive, he sees it every day, and knows this is the wrong choice. Koester stated he believes this is a short sided, poor planned venture that is not a friendly move and may be good for Government, but not for business as it is a start of dissembling of the Industrial Park. Koester feels that confidence in City Government is needed to grow and with the uncertainty of industrial property, the businesses will lose all confidence in the City. Koester urged the Board to consider what he expressed to them and to do the right thing by voting down this issue.

Swearing in

McLimans swore in John M. Liming, Attorney for the Koester Corp and asked him to address the Board.

Testimony

Liming addressed the Board and asked them to review the Ordinance and map of the Industrial Park stating that taking the triangle portion of land and cutting off frontage from Industrial business for a facility that doesn't need it.

Liming advised that existing uses of property is not consistent with a facility like A Renewed Mind adding that suitability of the property in question is suitable for the existing businesses, but not for throwing money away.

Liming feels the trend and development is that other businesses are expanding and growing and need this space for Industrial purposes with the rail facility more consistent with I2 zoning. Liming state the CIC has proposed the amendment on behalf of the City of Napoleon, but questioned what the purpose of the this zoning change is adding that it is taking an Industrial area, making a donut hole, and spot zoning when you have a valuable Industrial Drive and Industrial utilities.

Discussion

No discussion or questions from Board Members

Motion To Vote on Approval of PC 16-05 Motion: McLimans

To Vote on Approval of PC 16-05

Failed

Roll call vote on above motion:

Yea- 1

Yea- Maassel

Nay-4

Nay- McLimans, Barlow, Furney, Barry

McLimans advised the audience that PC 16-05 will be sent to Council for review with a ¾ Majority vote of Council needed to override the recommendation of the Planning Commission, and another public hearing will need to be held.

McLimans stated that from the Chairman's standpoint,

he believes in the Industry in the City of Napoleon and what they contribute to our community. McLimans added that he would like A Renewed Mind to locate in Napoleon, but that this particular land is not the right spot.

Motion To Adjourn

To adjourn the meeting at 6:32 pm

Motion approved by unanimous voice vote.

Date

Robert McLimans, Chairperson

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FEATURE

Summer Caucuses and Forum with State Lawmakers



TMACOG members and interested people in the region are invited to attend the 2016 Summer Caucuses **Thursday**, **August 4** at the Penta Career Center in Perrysburg for an opportunity to hear from and talk to a large panel of elected officials and to also hear from and talk to TMACOG's new president, Tim W. Brown.

The business program begins at 9 a.m. with separate caucus sessions for counties, cities, villages, townships, school districts & colleges/universities, special districts & authorities, and non-governmental members. The Forum with State Lawmakers follows, 10:30 a.m. to noon.

Tim Brown will open the forum portion of the program. He said, "I am looking forward to meeting TMACOG's members and renewing many old acquaintances at our summer session. The caucuses are valuable learning opportunities, and we will be able to discuss legislative priorities with our panel of elected officials from Ohio and Michigan who will be with us."

There is no fee to attend but please register. Contact Jennifer Allen at 419.241.9155, ext. 107 by Friday, July 29. If you have topics or questions for state lawmakers, you can share them when you register.

Legislators confirmed for the forum:

- Sen. Edna Brown 11th District, Ohio
- Sen. Cliff Hite 1st District, Ohio
- Sen. Randy Gardner 2nd District, Ohio
- Rep. Steve Arndt 89th District, Ohio
- Rep. Bill LaVoy 17th District, Michigan
- Rep. Bill Reineke 88th District, Ohio
- Rep. Mike Sheehy 46th District, Ohio
- Rep. Jason Sheppard 56th District, Michigan

Upcoming Events

Summer Caucuses and Legislators Forum

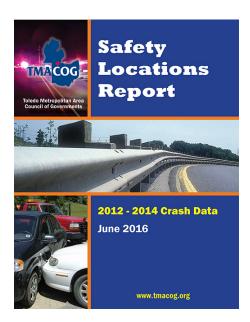
Thursday, August 4, 8:30 a.m.-noon Location: Penta Career Center, Perrysburg Contact: Jennifer Allen ext. 107

Ohio Conference on Freight

August 22-24, at the Hilton Cleveland Downtown Contact: Christine Connell ext. 119 Thank you to <u>Penta Career Center</u> and <u>Republic Services</u> for support of the Summer Caucuses and Legislators Forum.

TRANSPORTATION

Safety Locations Report Released



Drivers under age 26 are the most dangerous drivers in Lucas and Wood counties. More accidents occur on Fridays in Lucas and Wood counties but on Thursdays in southern Monroe County. In all counties, the highest rate of accidents is between 3 p.m. and 6 p.m. These factoids are parts of a new report but the primary focus of TMACOG's newly updated Safety Locations Report is the intersections and roadway sections that have the most accidents. Data was collected for the TMACOG planning area which includes Lucas and Wood counties in Ohio and the three southern townships of Monroe County, Michigan. The study covers those roadways that are federal-aid-eligible routes which includes major streets and highways but not interstates.

The new 150-page report is based on data from 2012-2014. Local governments are encouraged to use the information for local planning and as a tool in grant applications. The complete report is posted here. It can be printed in sections or in its entirety. The top 50 intersection locations and top 50 roadway segment locations are listed in the summary, on pages xvi and xvii.

Accepting Applications for Transportation Alternatives Projects

TMACOG is accepting applications for Transportation Alternatives Program (TAP) projects through August 12, 2016. There is approximately \$785,000 available for Lucas and Wood counties. Applications are for projects to be funded as soon as State Fiscal Year (SFY) 2018 ... read more

The 2016 Ohio Conference on Freight: Conference Co-hosts





You have until August 10 to register for the 2016 Ohio Conference on Freight to be held August 22-24 in Cleveland. The robust program looks at all modes of freight movement and the logistics industry that pulls all the modes into an efficient system...read more

WATER QUALITY

Teachers Train to Measure Water Quality



Hundreds of teachers in northwest Ohio include water quality education in their classrooms. At two July workshops, TMACOG joined with regional partners to train teachers on techniques and share lesson plans to more effectively impact students...read more

Phosphorus Reduction Plans



In 2015, the states of Ohio and Michigan and the Province of Ontario agreed on a goal of a 40 percent phosphorus reduction to protect Lake Erie under the Great Lakes Water Quality Agreement. The State of Ohio has now issued their implementation plan to meet these goals. The draft plan is posted on the Ohio EPA website here. The Ohio EPA will be incorporating comments from regional agencies in a final draft including comments provided by TMACOG's Water Quality Council.

The Ohio plan focuses on the western basin watersheds of the Maumee, Portage and Toussaint rivers. The goal of the plan is to achieve a 40 percent total load reduction in the amount of total and dissolved reactive phosphorus entering Lake Erie's western basin by the year 2025 with an aspirational goal of a 20 percent reduction by 2020. The plan uses 2008 as the base year because that was considered a typical year – with no drought and without an unusually large algae bloom.

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