## Memorandum

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

Subject: General Information

Pate: April 10, 2015

#### **CALENDAR**

#### MONDAY, APRIL 13

- 1. AGENDA ELECTRIC COMMITTEE @6:30 pm
  - a. Approval of Minutes from the March 9, 2015 meeting
  - b. Review/Approval of the Power Supply Cost Adjustment Factor for April 2015- the Power Supply Cost Adjustment Factor and Billing Determinant reports are attached.
  - c. Electric Department Report the March 2015 reports are enclosed
- 2. AGENDA BOARD OF PUBLIC AFFAIRS @6:30 pm
- 3. Meetings Cancelled
  - a. Water/Sewer Committee
  - b. Municipal Properties/ED Committee

#### TUESDAY, APRIL 14

- 1. AGENDA BOARD OF ZONING APPEALS @4:30 pm
- 2. AGENDA PLANNING COMMISSION @5:00 pm

#### THURSDAY, APRIL 16

1. AGENDA – CIVIL SERVICE COMMISSION @4:30 pm

#### FRIDAY, APRIL 17

1. AGENDA – HEALTHCARE COST COMMITTEE @8:30 am

#### **INFORMATIONAL ITEMS**

1. AMP Update/April 3, 2015

MI:rd Records Retention CM-11 - 2 Years

		Mar	ch 2	2015	;	
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### Calendar

Odicildal		<u> </u>		-		
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
29	30	31	1	2	3	4
Greg Heath - Vacation	5th Monday/No Scheduled Mee	Greg Heath - Vacation	Greg Heath - Vacation	Greg Heath - Vacation	HOLIDAY - GOOD FRIDAY -	
	Greg Heath - Vacation					
5	6	7	8	9	10	11
	6:30 PM Housing Council					
	Meeting					
	7:00 PM City COUNCIL					
	Meeting					
12	13	14	15	16	17	18
12	6:30 PM ELECTRIC		10		8:30 AM Healthcare Cost	10
	Committee	4:30 PM Board of Zoning Appeals Meeting		4:30 PM Civil Service Commission Mtg.	8:30 AM Healthcare Cost Comm. Mtg.	
	Board of Public Affairs (BOPA)	5:00 PM Planning Commission				
	Mtg.	5.00 1 M 1 Mining Commission				
19	20	21	22	23	24	25
	6:00 PM City TREE					
	Commission Meeting					
	6:15 PM PARKS & REC					
	Committee Meeting					
	7:00 PM City COUNCIL					
	Meeting					
26	27	28	29	30	1	2
20	6:30 PM FINANCE &		6:30 PM Parks & Rec Board		<u>'</u>	
	BUDGET Committee Meeting		Meeting Meeting			
	7:30 PM SAFETY & HUMAN					
	RESOURCES Committee					
	Meeting					
1			1	1		

# City of Napoleon, Ohio Electric Committee

LOCATION: City Hall Offices, 255 West Riverview Avenue, Napoleon, Ohio

### **Meeting Agenda**

### Monday, April 13, 2015 at 6:30pm

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

PSCAF three (3) month averaged factor: \$0.00005

JV2: \$0.051869 JV5: \$0.051869

- III. Electric Department Report
- IV. Any other matters currently assigned to the Committee
- V. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

#### City of Napoleon, Ohio

### **Electric Committee**

#### **Meeting Minutes**

Monday, March 9, 2015 at 6:30pm

**PRESENT** 

**Electric Committee** 

**BOPA City Staff**  Jason Maassel – Acting Chair, Jeff Comadoll (substitute)

Mike DeWit – Acting Chair, Dr. David Cordes

Dennis Clapp, Electric Superintendent

Gregory J. Heath, Finance Director/Clerk of Council

Trevor M. Hayberger, Law Director Chad Lulfs, Director of Public Works

Recorder **Others** 

**ABSENT** 

News Media; Jeff Gillmor, Public Entities Pool

Keith Engler - Board of Public Affairs Chair Travis Sheaffer – Electric Committee Chair

John Helberg – Electric Committee, Water & Sewer Committee member

Monica S. Irelan, City Manager

Tammy Fein

Call To Order

Acting Chairperson DeWit called the meeting to order at 6:30pm. Acting Chairperson Maassel called the meeting to order at 6:30pm.

**Approval Of Minutes** 

The February 9 meeting minutes stand approved as presented with no objections or corrections.

**Review Of Power Supply Adjustment Factor** 

The Power Supply Cost Adjustment Factor for March 2015 was presented for review.

Heath noted that the Power Supply Adjustment Factor was incorrectly listed on the Agenda; the correct figure is \$0.00271. Heath added that the rate has decreased since the last Factor due to REC credits from JV5 totaling approximately \$14,000. DeWit stated that he heard some resident complaints regarding high electric bills, however this was due to higher usage during the winter months.

**Motion To Recommend Approval Of Power Supply Adjustment Factor** 

Motion: Cordes Second: DeWit

To recommend approval of the Power Supply Adjustment Factor for

March 2015 as follows:

Three (3) month averaged factor: \$0.00271 IV2: \$0.044092 IV5: \$0.044092

**Passed** 

Yea-2

Nay- 0

Roll call vote on above motion:

Yea- DeWit, Cordes

Nay-

**Motion To Accept BOPA Recommendation For Approval Of Power Supply Adjustment Factor** 

Motion: Comadoll Second: Maassel

To accept the BOPA recommendation for approval of Power Supply

Adjustment Factor for March 2015 as follows: Three (3) month averaged factor: \$0.00271 IV2: \$0.044092 JV5: \$0.044092

Roll call vote on above motion: **Passed** 

Electric Committee 3/9/15

Yea-2 Nav-0 Yea- Comadoll, Maassel Nav-

**Electric Department Report** 

Clapp gave the Electric Department Report.

**Insurance Coverage Quote Review For City Overhead Electric Line Coverage** (Tabled)

**BOPA Motion To Untable Insurance Coverage Quote Review For City Overhead Electric Line Coverage** 

**Passed** Yea-2 Nav-0

**Electric Motion To Untable Insurance Coverage Ouote Review For City Overhead Electric Line Coverage** 

**Passed** Yea-2 Nay- 0

Discussion

Motion: Cordes Second: **DeWit** To untable insurance coverage quote review for City overhead electric line coverage

Roll call vote on above motion: Yea- DeWit, Cordes Nay-

Motion: Comadoll Second: Maassel To untable insurance coverage quote review for City overhead electric line coverage

Roll call vote on above motion: Yea- Comadoll, Maassel Nay-

Heath distributed a quote regarding overhead line insurance coverage, listing the deductibles, premiums and exclusions.

Jeff Gillmor, Public Entities Pool representative, explained the information included in the distributed quote. Heath reminded the Committee that he had requested updated information for the overhead line premiums. Gillmor stated that the risk was marketed to several insurance companies at a \$24,000 range with a \$50,000 deductible, adding that overhead transmission lines are perceived as risky, but Gillmor is confident in the CNA insurance that quoted this Policy. Gillmor explained the industry standard for covering out real property; everything is covered except the listed exclusions which are war, flood, earthquake, vermin, and wear and tear. Gillmor explained that weather is not generally excluded, unless it causes the perils listed in Paragraph One (1). Heath noted that some of the poles are located in ditches and asked, if the ditches flood and the wind blows the poles over, would this event be covered; Gilmore replied that this would be covered since the wind caused the event, not the flooding. Gillmor reported that the deductible is 'per occurrence', not a rolling deductible and 'per occurrence' is defined in the Policy, including one (1) storm with multiple touchdowns, however two (2) separate storms on separate days are considered two (2) occurrences; adding that the loss of many poles, approximately a half mile of lines, would be necessary to meet the deductible amount. Gillmor reported that this Policy is purely for catastrophic loss, not routine losses. DeWit stated that there are currently funds contributed to a Reserve Fund to cover potential issues; adding that

the City spends approximately \$80,000 annually on tree trimming to reduce the potential for liability during outages. DeWit believes the biggest risk of damage to the lines to potentially be ice or wind. Heath reminded the Committee that the \$16 million Electric Fund budget would have a \$24,000 premium for insurance for a catastrophic event. Clapp stated that the wire used is steel reinforced and is durable for approximately a half (1/2) inch of ice on the line. DeWit suggested not purchasing the insurance now, Cordes agreed. Gilmore stated that the lines have an estimated value of approximately \$11.7 million. Cordes asked the cost regarding a substation being disabled; Heath stated this event is listed on a separate policy.

**BOPA Motion To Recommend Not Purchasing Overhead Electric Line Coverage** 

DeWit Motion: Cordes Second: To recommend not purchasing overhead electric line coverage

Passed Yea-2 Nay- 0

**Electric Motion To Accept** 

**BOPA Recommendation Of Not Purchasing Overhead Electric Line Coverage** 

**Passed** Yea-2 Nay- 0

Other Matters To Come **Before The Board** 

City which stated that there are two (2) fuel sources for the generators, diesel and natural gas. There is enough diesel fuel to start the generator, and AMP will start the natural gas generator. Irelan stated that the contract wording stating that the company can restrict flow during an emergency is standard language and should not cause concern as AMP is confident that the generators can perform as expected in an emergency situation. Cordes asked how often the generators are tested; Clapp stated

Heath read a statement from Irelan regarding the Black Start ability of the

To accept BOPA recommendation of not purchasing overhead electric

Second: Maassel

that AMP tests the generators regularly, adding that a black start test has been done up to the point of the breakers, with a simulation of power loss so the City was not put out of power to do the test, and the results were good.

**BOPA Motion To Adjourn** 

Motion: Cordes Second: DeWit To adjourn the BOPA meeting at 6:57pm

Passed Yea-2 Nav-0

Roll call vote on above motion: Yea- DeWit, Cordes Nav-

Roll call vote on above motion:

Roll call vote on above motion:

Yea- Comadoll, Maassel

Yea- DeWit, Cordes

Motion: Comadoll

line coverage

Nay-

Nay-

**Requirement Of Insurance** For Residential Solar Power Units

Hayberger reported that a Net Metering Policy was created approximately two (2) years ago; the Contract states that the resident is required to obtain insurance as well as to have credited machinery. Hayberger reported that

a resident is having an issue finding an insurance company that will write a policy to include the mandated insurance requirement of having the City listed as a coinsured party. Clapp believes that the resident can obtain coverage, however the policy does not name the City specifically as a coinsured party; Clapp believes that the resident and the City are covered for any potential damage caused by the electricity being fed back into the City grid and equipment failure. Clapp stated that there are generators hooked up by residents that the City does not know about, and he believes it is not fair to this resident who is trying to handle this legally but is having trouble getting the required insurance; Clapp suggested leaving out the City as an additional insured party to make it easier for the resident to obtain the required insurance. Gillmor stated that the additional insured status rarely happens on resident insurance policies. Gillmor stated that equipment damage is covered under the policy, adding that the additional insured status protects the City against any potential lawsuits due to resident negligence. Gillmor stated that the Waiver Segregation Provision is generally written into the policy and the City is protected from potential liability as long as the Solar Exposure Clause is written into the policy. Hayberger stated that an Indemnification Clause could be written which would cover the discussed issue. DeWit believes the biggest concern to be safety; Clapp stated that the Electric Department inspects the equipment. Hayberger stated that the Indemnification Clause and the requirement for the resident to obtain insurance will handle this issue. Heath asked if there is a special meter required for the residential solar panel; Clapp stated the resident will be required to pay for any equipment necessary.

Electric Motion To Recommend Dropping Additional Insured Requirement For Non-Commercial Properties

Passed Yea- 2

Nay-0

**Electric Motion To Adjourn** 

Passed Yea- 2

Nay- 0

Motion: Comadoll Second: Maassel
To drop the additional insured requirement for non-commercial properties

Roll call vote on above motion: Yea- Comadoll, Maassel

Nay-

Motion: Comadoll Second: Maassel To adjourn the Electric Committee meeting at 7:07pm

Roll call vote on above motion:

Yea- Comadoll, Maassel

Nay-

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Approval Date

Jason Maassel, Acting Chair

					City	/ (	of Napoleon,	Oł	nio						
		DETERMIN	N/	ATION OF MO	ONTHLY - POV	N	ER SUPPLY	CC	ST ADJUS	<b>3</b> T	MENT FAC	CTC	OR (PSCAF	=)	
AMP		City		Power					Rolling		Less: Fixed		PSCA		PSCAF
Billed	City	Net		Supply Costs	Rolling 3-M				3 Month		Base Power		Dollar		3 MONTH
Usage	Billing	kWh		(Net of Known)	Current + Pr	ʻİC			Average		Supply		Difference		AVERAGED
Month	Month	Delivered		(Credit's)	kWh		Cost		Cost		Cost		+ of (-)		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	0.07194 Fixed		g + h		i X 1.075
					44.040.040	_	0.704.704.00				( ( - )		( )		(2.2222)
March '13	May '13	13,769,099	_	921,677.84	41,642,812				0.06639		(0.07194)	_	(0.00555)		(0.00596)
April '13	June '13	, ,	\$	924,119.56	39,666,338	•	2,693,477.71	-	0.06790		(0.07194)	<u> </u>	(0.00404)		(0.00434)
May '13	July '13		\$	945,838.23	39,428,596		2,791,635.63		0.07080		(0.07194)		(0.00114)		(0.00122)
June '13	Aug '13		\$	1,046,833.62	39,417,216		2,916,791.41		0.07400		(0.07194)		0.00206	-	0.00221
July '13	Sept '13		\$	1,079,067.22	42,008,376	-	3,071,739.07		0.07312		(0.07194)		0.00118		0.00127
Aug '13	Oct '13	14,988,976	\$	1,076,578.75	43,901,780	-	3,202,479.59		0.07295		(0.07194)		0.00101		0.00108
Sept '13	Nov '13	13,082,500	\$	1,034,603.30	43,226,561		3,190,249.27		0.07380		(0.07194)	\$	0.00186		0.00200
Oct '13	Dec '13	13,408,321	\$	955,194.81	41,479,797	\$	3,066,376.86		0.07392		(0.07194)	\$	0.00198	\$	0.00213
Nov '13	Jan '14	13,195,556	\$	928,309.84	39,686,377	\$	2,918,107.95	\$	0.07353	\$	(0.07194)	\$	0.00159	\$	0.00171
Dec '13	Feb '14	14,533,938	\$	1,106,152.18	41,137,815	\$	2,989,656.83	\$	0.07267	\$	(0.07194)	\$	0.00073	\$	0.00079
Jan '14	March '14	15,559,087	\$	1,172,398.60	43,288,581	\$	3,206,860.62	\$	0.07408		(0.07194)	\$	0.00214	\$	0.00230
Feb '14	April '14	13,478,231	\$	947,067.14	43,571,256	\$	3,225,617.92	\$	0.07403	\$	(0.07194)	\$	0.00209	\$	0.00225
March '14	May '14	13,601,244	\$	1,078,817.99	42,638,562	\$	3,198,283.73	\$	0.07501		(0.07194)	\$	0.00307	\$	0.00330
April '14	June '14	11,742,091	\$	857,959.09	38,821,566	\$	2,883,844.22	\$	0.07428	\$	(0.07194)	\$	0.00234	\$	0.00252
May '14	July '14	12,551,978	\$	1,033,671.88	37,895,313	\$	2,970,448.96	\$	0.07839	\$	(0.07194)	\$	0.00645	\$	0.00693
June '14	Aug '14	13,993,641	\$	1,106,124.65	38,287,710	\$	2,997,755.62	\$	0.07830	\$	(0.07194)	\$	0.00636	\$	0.00683
July '14	Sept '14		\$	1,168,920.36	40,946,320	\$	3,308,716.89	\$	0.08081	\$	(0.07194)	\$	0.00887	\$	0.00953
Aug '14	Oct '14	14,963,886	\$	1,130,286.47	43,358,228	\$	3,405,331.48	\$	0.07854	\$	(0.07194)	\$	0.00660	\$	0.00709
Sept '14	Nov '14		\$	873,122.55	42,298,515	\$	3,172,329.38	\$	0.07500	\$	(0.07194)	\$	0.00306	\$	0.00329
Oct '14	Dec '14		\$	1,007,380.97	40,854,845	\$	3,010,789.99	\$	0.07369	\$	(0.07194)	\$	0.00175	\$	0.00189
Nov '14	Jan '15		\$	1,048,435.47	39,521,652	\$	2,928,938.99	\$	0.07411		(0.07194)		0.00217	\$	0.00233
Dec '14	Feb '15		\$	1,077,557.19	40,617,941	\$	3,133,373.63	\$	0.07714	\$	(0.07194)		0.00520	\$	0.00559
Jan '15	Mar '15		\$	1,036,847.14	42,475,644	\$	3,162,839.80	\$	0.07446		(0.07194)		0.00252	\$	0.00271
Feb '15	Mar '15	13,867,347	\$	960,357.18	42,712,298	\$	3,074,761.51	\$	0.07199	\$	(0.07194)	\$	0.00005	\$	0.00005

2015 - APRIL BILLING WITH MARCH 2015 DATA								
PREVIOUS MONTH'S POWER BILLS - P					Y DEMAND &	ENERGY:		
<u>DATA PERIOD</u>	MONTH / YR	<b>DAYS IN MONTH</b>	MUNICIPAL PEAR	<u>(</u>				
AMP-Ohio Bill Month	FEBRUARY, 2015	28	25,714					
City-System Data Month	MARCH, 2015	31						
City-Monthly Billing Cycle	APRIL, 2015	30						
		FREEMONT	JV-6	PRAIRIE STATE		JV-5	JV-2	AMP SOLAR
PURCHASED POWER-RESOURCES -> (	AMP CT	ENERGY	WIND	CHED. @ PJMC	NYPA	HYDRO	PEAKING	PHASE 1
	SCHED. @ ATSI	SCHEDULED	SCHED. @ ATSI	REPLMT@ PJMC	SCHED. @ NYIS	7x24 @ ATSI	SCHED. @ ATSI	SCHED. @ ATS
Delivered kWh (On Peak) ->	0	4,746,116	48,059	2,816,159	582,463	2,075,136	22	102,014
Delivered kWh (Off Peak) ->		, , , ,	2,222	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,,		- /-
Delivered kWh (Replacement/Losses/Offset) ->						30,140		
Delivered kWh/Sale (Credits) ->								
(0.000)								
Net Total Delivered kWh as Billed ->	0	4,746,116	48,059	2,816,159	582,463	2,105,276	22	102,014
Percent % of Total Power Purchased->	0.0000%	34.2251%	0.3466%	20.3078%	4.2002%	15.1815%		0.7356%
COST OF PURCHASED POWER:								
DEMAND CHARGES (+Debits)								
Demand Charges	\$27,530.61	\$36,516.76	\$1,187.34	\$39,920.34	\$7,288.05	\$24,377.29	\$407.95	
Debt Services (Principal & Interest)		\$44,196.22	\$3,522.00	\$92,861.58		\$51,942.68		
, , , , , , , , , , , , , , , , , , , ,				. ,				
DEMAND CHARGES (-Credits)								
Transmission Charges (Demand-Credits)	-\$28.307.02		-\$387.17			-\$9,073.29	-\$285.35	
Capacity Credit	-\$33,658.04	-\$29,491.00	-\$175.08	-\$15,204.39	-\$2,906.61	-\$11,833.82		
capacity croan						ψ11,000.02	ψ1,200.00	
Sub-Total Demand Charges	-\$34,434.45	\$51,221.98	\$4,147.09	\$117,577.53	\$4,381.44	\$55,412.86	-\$1,143.98	\$0.00
ENERGY CHARGES (+Debits):								
Energy Charges - (On Peak)		\$149,871.54		\$30,121.72	\$11,420.26	\$53,589.61	\$1.04	\$8,671.22
Energy Charges - (Replacement/Off Peak)								
Net Congestion, Losses, FTR		\$12,423.45		\$20,728.14				
Transmission Charges (Energy-Debits)		, , ,		\$45,579.36				
ESPP Charges				, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
Bill Adjustments (General & Rate Levelization)		\$106.24					\$5.84	
Bill Fidjustificities (districted a Flate Edvollzation)		Ψ100.21					ψ0.01	
ENERGY CHARGES (-Credits or Adjustments):								
Energy Charges - On Peak (Sale or Rate Stabilization)							-\$1.35	
Net Congestion, Losses, FTR					-\$32,063.33		ψ1.00	
Bill Adjustments (General & Rate Levelization)				-\$21,246,47	Ψ02,000.00			
Din Adjustitionis (General & Hate Levelization)				ΨΕ1,Ε40.47				
Sub-Total Energy Charges	\$0.00	\$162,401.23	\$0.00	\$75,182.75	-\$20,643.07	\$53,589.61	\$5.53	\$8,671.22
TRANSMISSION & SERVICE CHARGES, MISC.:								
RPM Charges Capacity - (+Debit)							1	
RPM Charges Capacity - (-Credit)							1	
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)								
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
Sub-rolar Service rees & Other Charges				1			44 400 45	
TOTAL - ALL COSTS OF PURCHASED POWER	-\$34,434.45	\$213,623.21	\$4,147.09	\$192,760.28	-\$16,261.63	\$109,002.47	-\$1,138.45	\$8,671.22
	-\$34,434.45 \$0.000000	\$213,623.21 \$0.045010	\$4,147.09 \$0.086292	\$192,760.28 \$0.068448	-\$16,261.63 -\$0.027919	\$109,002.47 \$0.051776		\$8,671.22

BILLING SUMMARY AND CONS	<u> </u>						
2015 - APRIL BILLING WITH MARCH 2015 DAT							
PREVIOUS MONTH'S POWER BILLS - P							
DATA PERIOD	<u> </u>						
AMP-Ohio Bill Month							
City-System Data Month							
City-Monthly Billing Cycle							
City Worlding Dinning Cyclo							
1	MORGAN STNLY	EFFICIENCY	NORTHERN	TRANSMISSION	SERVICE FEES	MISCELLANEOUS	TOTAL -
PURCHASED POWER-RESOURCES -> (	REPLMNT.2015-20	SMART	POWER		DISPATCH, A & E		ALL
1 OHOLINOLD I OWER RESOURCES > (	7x24 @ AD	POWER PLANT	POOL	Other Charges	Other Charges	LEVELIZATION	RESOURCES
Delivered kWh (On Peak) ->		0	524,379	Other Onlinges	Other Charges	ELVELIZATION	13,447,948
Delivered kWh (Off Peak) ->		•	666,314				666,314
Delivered kWh (Replacement/Losses/Offset) ->			333,511				30,140
Delivered kWh/Sale (Credits) ->			-277,055				-277,055
Net Total Delivered kWh as Billed ->	2,553,600	0	913,638	0	0	0	13,867,347
Percent % of Total Power Purchased->	18.4145%	0.0000%	6.5885%	0.0000%	0.0000%	0.0000%	100.0000%
						Verification Total - >	100.0000%
COST OF PURCHASED POWER:							
DEMAND CHARGES (+Debits)							
Demand Charges				\$88,596.81			\$225,825.15
Debt Services (Principal & Interest)							\$192,522.48
DEMAND CHARGES (-Credits)							
Transmission Charges (Demand-Credits)							-\$38,052.83
Capacity Credit							-\$94,535.52
0.1.7.1.0		40.00		400 500 04	***************************************	40.00	***************************************
Sub-Total Demand Charges	\$0.00	\$0.00	\$0.00	\$88,596.81	\$0.00	\$0.00	\$285,759.28
ENERGY CHARGES (+Debits):							
Energy Charges - (On Peak)	\$160,749.12		\$35,498.60	\$10,193.25			\$460,116.36
Energy Charges - (Replacement/Off Peak)	<b>V</b> .00, 10.11		\$26,261.08	<b>*</b> 10,100			\$26,261.08
Net Congestion, Losses, FTR	\$4,531.55		<del>*************************************</del>				\$37,683.14
Transmission Charges (Energy-Debits)	<b>¥</b> 1,50 1100						\$45,579.36
ESPP Charges		\$17,953.72					\$17,953.72
Bill Adjustments (General & Rate Levelization)		<b>*</b> , <b>*</b>				\$10,000.00	\$10,112.08
						<b>V</b> .0,000.00	¥10,11=100
ENERGY CHARGES (-Credits or Adjustments)							
Energy Charges - On Peak (Sale or Rate Stabilization)			-\$12,035.66				-\$12,037.01
Net Congestion, Losses, FTR			Ţ: <b>2</b> ,000.00				-\$32,063.33
Bill Adjustments (General & Rate Levelization)							-\$21,246.47
							+
Sub-Total Energy Charges	\$165,280.67	\$17,953.72	\$49,724.02	\$10,193.25	\$0.00	\$10,000.00	\$532,358.93
TRANSMISSION & SERVICE CHARGES, MISC.							
RPM Charges Capacity - (+Debit)				\$130,880.40			\$130,880.40
RPM Charges Capacity - (-Credit)							\$0.00
Service Fees AMP-Dispatch Center - (+Debit/-Credit)					\$313.69		\$313.69
Service Fees AMP-Part A - (+Debit/-Credit)					\$2,936.72		\$2,936.72
Service Fees AMP-Part B - (+Debit/-Credit)					\$8,108.16		\$8,108.16
Other Charges & Bill Adjustments - (+Debit/-Credit)						\$0.00	\$0.00
		40.00	\$0.00	\$130,880.40	\$11,358.57	\$0.00	\$142,238.97
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	φ0.00	φ100,000.10			
					#44 050 5T	#40.000.00	#000 057 10
Sub-Total Service Fees & Other Charges TOTAL - ALL COSTS OF PURCHASED POWER		\$0.00  \$17,953.72	\$49,724.02	\$229,670.46	\$11,358.57	\$10,000.00	
TOTAL - ALL COSTS OF PURCHASED POWER	\$165,280.67	\$17,953.72	\$49,724.02	\$229,670.46		Verification Total - >	\$960,357.18
<u> </u>	\$165,280.67 \$0.064725	\$17,953.72 \$0.000000	\$49,724.02 \$0.054424	\$229,670.46 \$0.000000	\$0.000000	Verification Total - >	\$960,357.18 \$960,357.18 \$0.069253 \$0.051869



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: 186144

**INVOICE DATE:** 3/17/2015

**DUE DATE**: 4/1/2015

**TOTAL AMOUNT DUE:** \$825,324.47

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 - February, 2015

MUNICIPAL PEAK: 25,714 kW
TOTAL METERED ENERGY: 13,979,589 kWh

DO NOT PAY - AMOUNT AUTOMATICALLY DEDUCTED FROM YOUR BANK ACCOUNT

EMAIL BILLING@AMPPARTNERS.ORG
WITH ANY QUESTIONS

Total Power Charges: \$574,295.44

Total Transmission Charges: \$229,670.46

Total Other Charges: \$11,358.57

Total Miscellaneous Charges: \$10,000.00

GRAND TOTAL POWER INVOICE: \$825,324.47

# DETAIL INFORMATION OF POWER CHARGES February , 2015

#### Napoleon

FOR THE MONTH OF:	February, 2015		Total Metered Load kWh: Transmission Losses kWh: Distribution Losses kWh:	13,979,589 -112,242 0
		-	Total Energy Req. kWh:	13,867,347
TIME OF FENTS PEAK:	02/19/2015 @ H.E. 20:00		COINCIDENT PEAK kW:	24.759
TIME OF MUNICIPAL PEAK:	02/17/2015 @ H.E. 11:00		MUNICIPAL PEAK kW:	25,714
TRANSMISSION PEAK:	September, 2014		TRANSMISSION PEAK kW:	30,153
			PJM Capacity Requirement kW:	31,162
Napoleon Resources				
AMP CT - Sched @ ATSI				
Demand Charge:	\$2.220210	/ kW *	12,400 kW =	\$27,530.61
Transmission Credit:	\$2.282824	/ kW *	-12,400 kW =	-\$28,307.02
Capacity Credit:	\$2.714358	/ kW *	-12,400 kW =	-\$33,658.04
Subtotal Fremont - sched @ Fremont	#N/A	/ kWh *	0 kWh =	-\$34,434.45
Demand Charge:	\$4.165252	/ kW *	8,767 kW =	\$36,516.76
Energy Charge:	\$0.031578	/ kWh *	4,746,116 kWh =	\$149,871.54
Net Congestion, Losses, FTR:	\$0.002618	/ kWh *		\$12,423.45
Capacity Credit:	\$3.363864	/ kW *	-8,767 kW =	-\$29,491.00
Debt Service	\$5.041202	/ kW	8,767 kW	\$44,196.22
Adjustment for prior month:  Subtotal	\$0.045010	/ kWh *	4,746,116 kWh =	\$106.24 <b>\$213,623.21</b>
JV6 - Sched @ ATSI	φυ.υ+3υ10	/ KTTII	T, I TO, I I O REEL =	Ψε 13,023.21
Demand Charge:			300 kW	
Energy Charge:			48,059 kWh	
Transmission Credit:	\$1.290567	/ kW *	-300 kW =	-\$387.17
Capacity Credit: Subtotal	\$0.583600	/ kW *	-300 kW =	-\$175.08
Prairie State - Sched @ PJMC	-\$0.011699	/ kWh *	48,059 kWh =	-\$562.25
Demand Charge:	\$8.022576	/ kW *	4,976 kW =	\$39,920.34
Energy Charge:	\$0.010696	/ kWh *	2,816,159 kWh =	\$30,121.72
Net Congestion, Losses, FTR:	\$0.007360	/ kWh *		\$20,728.14
Capacity Credit:	\$3.055545	/ kW *	-4,976 kW =	-\$15,204.39
Debt Service	\$18.661893	/ kW	4,976 kW	\$92,861.58
Transmission from PSEC to PJM/MISO, including non-Prairie State variable charges/credits	<b>CO 04C40E</b>	/ 14/4/15	2 242 450 13Wh	¢45 570 00
Board Approved Rate Levelization	\$0.016185	/ kWh	2,816,159 kWh	\$45,579.36 -\$21,246.47
Subtotal	\$0.068448	/ kWh *	2,816,159 kWh =	\$192,760.28
NYPA - Sched @ NYIS				
Demand Charge:	\$7.728579	/ kW *	943 kW =	\$7,288.05
Energy Charge:	\$0.019607	/ kWh *	582,463 kWh =	\$11,420.26
Net Congestion, Losses, FTR:	-\$0.055048	/ kWh *	000 1111	-\$32,063.33
Capacity Credit: Subtotal	\$3.229567 - <b>\$0.027919</b>	/ kW * / kWh *	-900 kW = 582,463 kWh =	-\$2,906.61 - <b>\$16,261.63</b>
JV5 - 7X24 @ ATSI	-\$0.027313	/ KVVII	302,403 RWII =	-φ10,201.03
Demand Charge:			3,088 kW	
Energy Charge:			2,075,136 kWh	
Transmission Credit:	\$2.938242	/ kW *	-3,088 kW =	-\$9,073.29
Capacity Credit:	\$3.832196	/ kW *	-3,088 kW =	-\$11,833.82
Subtotal  JV5 Losses - Sched @ ATSI	-\$0.010075	/ kWh *	2,075,136 kWh =	-\$20,907.11
Energy Charge:			30,140 kWh	
Subtotal	#N/A	/ kWh *	30,140 kWh =	\$0.00
JV2 - Sched @ ATSI				
Demand Charge:	<b>.</b>		264 kW	<u>.</u> .
Energy Charge: Transmission Credit:	\$0.048097	/ kWh *	22 kWh =	\$1.04
Capacity Credit:	\$1.080871 \$4.797652	/ kW * / kW *	-264 kW = -264 kW =	-\$285.35 -\$1,266.58
Real Time Market Revenue from JV2 Operations	φ <del>4</del> ./9/002	/ KVV	-204 NVV =	-\$1,266.58 -\$1.35
Subtotal	-\$71.787272	/ kWh *	22 kWh =	-\$1,552.24
AMP Solar Phase I - Sched @ ATSI				. ,
Demand Charge:			1,040 kW	
Energy Charge:	\$0.085000	/ kWh *	102,014 kWh =	\$8,671.22
Subtotal  Morgan Stanley 2015-2020 - 7x24 @ AD	\$0.085000	/ kWh *	102,014 kWh =	\$8,671.22
Demand Charge:			3,800 kW	
Energy Charge:	\$0.062950	/ kWh *	2,553,600 kWh =	\$160,749.12
Net Congestion, Losses, FTR:	\$0.001775	/ kWh *		\$4,531.55
Subtotal	\$0.064725	/ kWh *	2,553,600 kWh =	\$165,280.67
				£47.050.70
Efficiency Smart Power Plant 2014-2017				\$17,953.72
ESPP 2014-2017 obligation @ \$1.400 /MWh x 153,889. MWh / 12	#NI/A	/ kWh *	0 kWh =	\$17 QE2 72
	#N/A	/ kWh *	0 kWh =	\$17,953.72
ESPP 2014-2017 obligation @ \$1.400 /MWh x 153,889. MWh / 12	#N/A	/ kWh *	0 kWh =	\$17,953.72
ESPP 2014-2017 obligation @ \$1.400 /MWh x 153,889. MWh / 12  Subtotal  Northern Power Pool: On Peak Energy Charge: (M-F HE 08-23 EDT)	\$0.067697	/ kWh *	524,379 kWh =	<b>\$17,953.72</b> <b>\$35,498.60</b>
ESPP 2014-2017 obligation @ \$1.400 /MWh x 153,889. MWh / 12  Subtotal  Northern Power Pool:  On Peak Energy Charge: (M-F HE 08-23 EDT)  Off Peak Energy Charge:	\$0.067697 \$0.039412	/ kWh * / kWh *	524,379 kWh = 666,314 kWh =	\$35,498.60 \$26,261.08
ESPP 2014-2017 obligation @ \$1.400 /MWh x 153,889. MWh / 12  Subtotal  Northern Power Pool: On Peak Energy Charge: (M-F HE 08-23 EDT)	\$0.067697	/ kWh *	524,379 kWh =	\$35,498.60

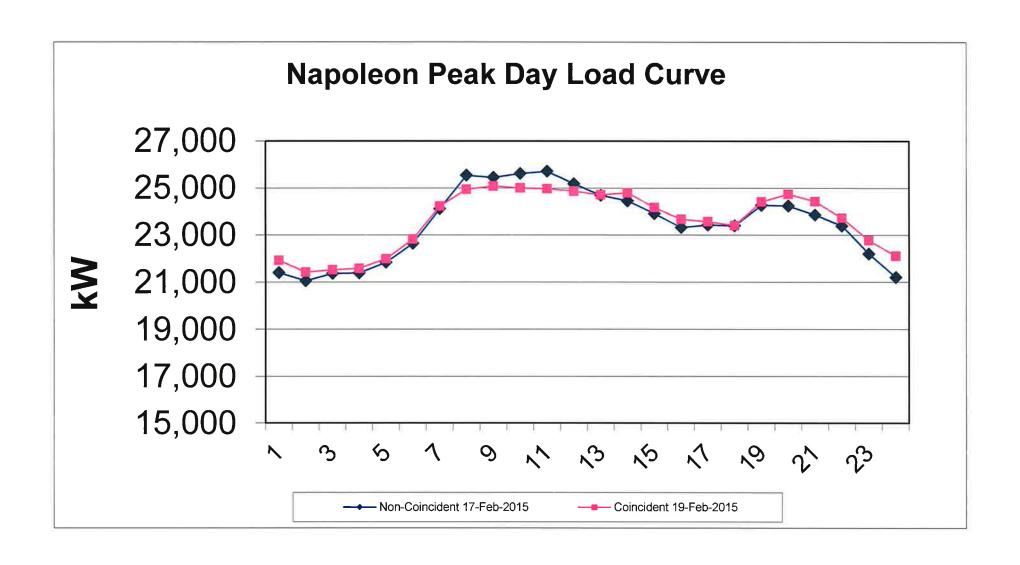
# DETAIL INFORMATION OF POWER CHARGES February , 2015

#### Napoleon

Total Energy Charges:				\$458,570.23
Total Power Charges:			13,867,347 kWh	\$574,295.44
TRANSMISSION CHARGES:				
Demand Charge:	\$2.938242	/ kW *	30,153 kW =	\$88,596.81
Energy Charge:	\$0.000864	/ kWh *	11,792,211 kWh =	\$10,193.25
RPM (Capacity) Charges:	\$4.200000	/ kW *	31,162 kW =	\$130,880.40
TOTAL TRANSMISSION CHARGES:	\$0.019476	/ kWh *	11,792,211 kWh =	\$229,670.46
Dispatch Center Charges:	\$0.000022	/ kWh *	13,979,589 kWh =	\$313.69
Service Fee Part A,				
Based on Annual Municipal Sales	\$0.000229	/ kWh *	153,889,001 kWh 1/12 =	\$2,936.72
Service Fee Part B.				
Energy Purchases	\$0.000580	/kWh *	13,979,589 kWh =	\$8,108.16
TOTAL OTHER CHARGES:				\$11,358.57
MISCELLANEOUS CHARGES:				
Deposit / (Withdraw) from RSF account				\$10,000.00
TOTAL MISCELLANEOUS CHARGES:				\$10,000.00
GRAND TOTAL POWER INVOICE:				\$825,324.47

Napoleon		Capacity Plan - Actual										
Feb	2015	ACTU	JAL DEMAND =	25.714	MW							
Days	28	ACTI	JAL ENERGY =		MWH							
				10,000	1	DEMAND	ENERGY				EFFECTIVE	0/
			DEMAND	ENERGY	LOAD	RATE	RATE	DEMAND	ENERGY	TOTAL	RATE	% OF
		SOURCE	MW	MWH	<b>FACTOR</b>	\$/KW	\$/MWH	CHARGE	CHARGE	CHARGES	\$/MWH	DOLLARS
		(1)	(2)	(4)	(5)	(6)	(7)	(9)	(10)	(11)	(12)	(13)
1		NPP Pool Purchases	0.00	1,191	0%	\$0.00	\$51.87	\$0	\$61,760	\$61,760	\$51.87	6.5%
2		NPP Pool Sales	0.00	-277	0%	\$0.00	\$43.44	\$0	-\$12,036	-\$12,036	\$43.44	-1.3%
3		AFEC	8.77	4,746	81%	\$5.85	\$34.20	\$51,328	\$162,295	\$213,623	\$45.01	22.5%
1		Prairie State	4.98	2,816	84%	\$28.52	\$18.06	\$141,910	\$50,850	\$192,760	\$68.45	20.3%
5		NYPA - Ohio	0.94	582	92%	\$4.65	-\$35.44	\$4,381	-\$20,643	-\$16,262	-\$27.92	-1.7%
2		JV5	3.09	2,075	100%	\$17.94	\$25.82	\$55,413	\$53,590	\$109,002	\$52.53	11.5%
8		JV5 Losses JV6	0.00	30	0%	\$0.00	\$0.00	\$0	\$0	\$0	\$0.00	0.0%
		AMP Solar Phase I	0.30	48	24%	\$13.82	\$0.00	\$4,147	\$0	\$4,147	\$86.29	0.4%
10		Morgan Stanley 2015-2020 7x24	1.04	102	15%	\$0.00	\$85.00	\$0	\$8,671	\$8,671	\$85.00	0.9%
11		AMPCT	3.80 12.40	2,554	100%	\$0.00	\$64.72	\$0	\$165,281	\$165,281	\$64.72	17.4%
12		JV2	0.26	0	0% 0%	-\$2.78	\$0.00	-\$34,434	\$0	-\$34,434	\$0.00	-3.6%
		POWER TOTAL	35.58	13,867	58%	-\$4.31	-\$14.34	-\$1,138	\$0	-\$1,138	-\$52,657.26	-0.1%
13		Energy Efficiency	33.30	0	36%	\$0.00	\$0.00	\$221,607 \$0	\$469,767	\$691,374	\$49.86	73.0%
14		Installed Capacity	31.16	0		\$4.20	\$0.00	\$0 \$130,880	\$17,954	\$17,954	\$0.00	1.9%
15		TRANSMISSION	30.15	11,792		\$2.94	\$0.86	\$88,597	\$0 \$10.400	\$130,880	\$9.36	13.8%
6		Distribution Charge	25.71	11,732	8	\$0.00	\$0.00	эоо,ээ <i>т</i> —— \$0	\$10,193 \$0	\$98,790	\$7.07	10.4%
17		Service Fee B	20.71	13,980	1	\$0.00	\$0.00 \$0.58	ΦU	1	\$0	\$0.00	0.0%
8		Dispatch Charge		13,980			\$0.00 \$0.02		\$8,108 \$314	\$8,108 <b>\$31</b> 4	\$0.58 \$0.02	0.9%
		OTHER TOTAL		10,000			Ψ0.02	\$219,477	\$36,569	\$256,046	\$18.32	0.0%
GRAND TOTAL PUR	RCHASED			13.867				\$441,085	\$506,336	\$947,420	\$10.32	27.0%
Delivered to member	rs		25.714	13,980	81%			\$441,085	\$506,336	\$947,420	\$67.77	100.0%
			DEMAND	ENÉRGY	L,F.			÷ , 5 5 6	4500,000	TOTAL \$	\$/MWh	Avg Temp
		2015 Forecast	24.45	13,447	82%					\$1,007,256	\$74.90	28.3
		2014 Actual	25.43	13,649	80%					\$925,058	\$67.77	17.7
		2013 Actual	24.40	13,419	82%					\$946,001	\$70.50	26.8
										Actual Temp	Ψ10.00	12.4

Hour   100	2/13/2015         2/14/2015         2/15/201           20,606         17,674         18,892           20,296         17,264         18,568           20,239         16,785         18,222           20,185         16,475         18,326           20,563         16,595         18,437           21,378         16,889         18,622           23,135         17,596         18,956           24,296         18,406         19,433           24,125         19,022         19,586           24,125         19,399         20,177           23,799         19,791         20,352           23,250         19,794         20,242           22,997         19,709         19,876           22,518         19,081         19,167           22,154         18,896         19,375           21,910         19,283         19,565           21,857         19,838         19,802           22,303         21,125         21,224           22,303         21,368         21,767           21,593         20,623         21,047	92 99 91 16 16 16 17 17 17 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19
100	20,296 17,264 18,569 20,239 16,785 18,227 20,185 16,475 18,325 20,563 16,595 18,437 21,378 16,889 18,622 24,296 18,406 19,439 24,125 19,022 19,588 24,125 19,398 20,177 23,799 19,791 20,354 23,250 19,794 20,244 22,997 19,709 19,878 22,864 19,382 19,608 22,518 19,081 19,167 22,154 18,896 19,378 21,1910 19,283 19,566 21,1557 19,838 19,807 22,230 21,125 21,224 22,303 21,368 21,767 21,593 20,623 21,047	59 21 26 37 22 50 99 95 55 70 64 42 22 78 85 55 57 75 55 56 61
200	20,296 17,264 18,569 20,239 16,785 18,227 20,185 16,475 18,325 20,563 16,595 18,437 21,378 16,889 18,622 24,296 18,406 19,439 24,125 19,022 19,588 24,125 19,398 20,177 23,799 19,791 20,354 23,250 19,794 20,244 22,997 19,709 19,878 22,864 19,382 19,608 22,518 19,081 19,167 22,154 18,896 19,378 21,1910 19,283 19,566 21,1557 19,838 19,807 22,230 21,125 21,224 22,303 21,368 21,767 21,593 20,623 21,047	59 21 26 37 22 50 99 95 55 70 64 42 22 78 85 55 57 75 55 56 61
300   14,711   15,503   18,002   18,004   19,266   19,808   16,508   14,622   16,703   19,726   18,811   18,488   400   14,584   15,728   19,458   18,359   20,112   19,848   16,560   14,486   17,637   19,419   18,801   18,831   600   14,394   15,728   19,468   18,359   20,112   19,848   16,560   14,486   17,637   19,419   18,801   18,831   600   15,009   15,009   16,006   21,500   20,508   22,126   22,225   17,722   15,100   20,500   21,820   21,122   21,566   800   15,916   17,523   23,394   21,710   23,312   23,757   18,663   15,758   22,514   23,319   22,760   23,277   19,001   16,076   17,609   23,275   22,007   23,827   23,640   18,819   15,738   22,516   23,162   22,248   23,132   23,712   23,100   16,076   17,609   23,069   22,261   23,829   23,449   19,005   16,173   22,163   23,162   22,248   23,444   100   17,219   18,785   23,044   22,860   22,145   23,227   23,829   23,449   19,105   16,133   22,760   22,742   22,821   23,558   1200   17,500   18,814   22,860   22,145   23,227   22,927   18,263   16,104   22,632   22,344   22,500   23,236   100   17,902   18,903   22,554   21,485   22,622   22,621   17,163   16,376   22,485   22,128   22,345   23,182   1400   17,888   18,905   22,554   21,429   21,539   21,237   15,738   15,645   21,456   20,641   21,311   21,850   100   17,768   18,593   22,132   22,268   21,323   21,227   22,205   16,001   17,768   18,937   22,132   21,429   21,539   21,237   15,738   15,645   21,456   20,641   21,311   21,850   100   17,768   18,937   22,132   21,429   21,539   21,237   15,738   15,645   21,456   20,641   21,311   21,850   100   17,768   18,803   21,142   21,142   21,045   21,045   22,057   23,032   21,001   23,001   23,001   23,001   24,001   22,005	20,239 16,785 18,22: 20,185 16,475 18,325: 20,563 16,595 18,437 21,378 16,889 18,622: 23,135 17,596 18,950 24,296 18,406 19,438 24,125 19,398 20,170 23,799 19,791 20,354 23,250 19,794 20,244 2997 19,709 19,878 22,864 19,382 19,600 22,518 19,081 19,167 22,154 18,896 19,372 21,154 18,986 19,372 21,154 19,283 19,566 21,1557 19,838 19,801 22,230 21,125 21,224 22,303 21,368 21,767 22,1070 21,119 21,288 21,593 20,623 21,047	21 22 22 22 22 22 22 22 22 22 22 22 22 2
400 14,584 15,510 18,802 18,054 19,329 19,564 16,481 14,371 16,791 18,831 18,822 18,630 500 14,394 15,728 18,458 18,569 20,112 19,848 16,560 14,486 17,637 19,419 18,831 18,822 18,680 14,590 16,164 20,663 19,253 21,125 20,742 16,975 14,616 18,671 20,432 19,683 19,914 1	20,185         16,475         18,326           20,563         16,595         18,437           21,378         16,889         18,622           23,135         17,596         18,956           24,296         18,406         19,438           24,125         19,398         20,176           23,799         19,791         20,354           22,997         19,794         20,244           22,997         19,709         19,878           22,518         19,081         19,167           22,154         18,896         19,372           21,910         19,283         19,566           21,657         19,838         19,801           22,230         21,125         21,224           22,303         21,368         21,767           22,070         21,119         21,288           21,593         20,623         21,047	26 37 50 50 50 50 50 51 51 51 51 51 51 51 51 51 51 51 51 51
Fool	20,563 16,595 18,437 21,378 16,889 18,622 23,135 17,596 18,956 24,296 18,406 19,436 24,125 19,022 19,586 23,799 19,791 20,356 23,250 19,794 20,242 22,997 19,709 19,876 22,664 19,382 19,606 22,518 19,081 19,167 22,154 18,896 19,376 21,910 19,283 19,566 21,557 19,838 19,566 22,230 21,125 21,224 22,303 21,368 21,767 22,070 21,119 21,285 21,593 20,623 21,047	37 22 22 39 35 35 70 64 41 42 78 35 75 55 56 51 11
600 1 4 599 1 16, 164 20,663 19253 21,125 20,742 16,975 1 4,616 18 871 20,432 19,683 19,914 700 15,099 1 19,962 21,960 20,508 22,126 22,225 17,722 15,109 20,500 21,829 21,128 22,166 800 15,916 17,523 23,234 21,710 23,312 23,757 18,683 15,755 22,234 23,319 22,780 23,271 900 15,076 17,696 23,735 22,097 23,627 23,640 18,819 15,785 22,216 23,162 22,456 23,132 1000 16,076 17,696 23,735 22,366 23,443 19,005 16,174 22,693 23,122 22,488 23,444 1100 17,219 18,785 23,049 22,261 23,529 23,449 19,180 16,133 22,782 22,742 22,521 23,558 1200 17,200 18,914 22,690 22,745 23,237 22,977 18,263 16,104 22,632 22,344 22,500 23,236 1300 17,902 18,903 22,795 21,739 23,108 22,599 17,691 16,378 22,495 22,128 22,345 23,182 1400 17,888 18,906 22,554 21,848 22,622 22,621 17,163 16,316 22,485 21,623 22,161 22,837 1500 17,510 18,397 22,253 21,607 22,088 21,766 16,415 15,791 21,995 21,246 21,249 21,255 17,000 17,788 18,937 22,132 21,638 21,488 21,085 15,581 16,176 21,521 20,574 21,565 21,970 1200 17,788 18,937 22,132 21,638 21,488 21,085 15,851 16,176 21,521 20,574 21,565 21,970 1800 17,786 18,983 22,268 22,987 23,233 21,488 21,085 15,851 16,176 21,521 20,574 21,565 21,970 19,001 18,800 21,134 22,688 22,987 23,233 21,488 21,085 15,851 16,176 21,521 20,574 21,565 21,970 19,001 18,800 21,134 22,688 22,987 23,233 21,488 21,085 15,851 16,176 21,521 20,574 21,565 21,970 19,001 18,800 21,134 22,688 22,987 23,233 21,488 21,085 15,851 16,176 21,521 20,574 21,565 21,970 22,005 19,001 18,800 21,134 22,688 22,987 23,233 21,488 21,485 21,	20,563 16,595 18,437 21,378 16,889 18,622 23,135 17,596 18,950 24,296 18,406 19,438 24,125 19,022 19,588 24,125 19,398 20,170 23,799 19,791 20,355 23,250 19,794 20,242 22,997 19,709 19,876 22,864 19,382 19,606 22,518 19,081 19,167 22,154 18,896 19,375 21,910 19,283 19,566 21,657 19,838 19,807 22,230 21,125 21,224 22,303 21,368 21,767 22,070 21,119 21,288 21,593 20,623 21,047	37 22 22 39 35 35 70 64 41 42 78 35 75 55 56 51 11
700 15,099 16,982 21,980 02,508 22,198 02,508 22,126 22,225 17,722 15,109 20,500 21,829 21,129 21,568 800 15,916 17,523 23,294 21,710 23,312 23,757 18,681 15,736 22,516 23,162 22,456 23,132 1000 16,076 17,696 23,735 22,097 23,627 23,640 18,681 15,736 22,516 23,162 22,456 23,132 1000 16,076 18,897 23,566 22,368 23,656 23,443 19,005 16,174 22,693 23,122 22,488 23,444 1100 17,219 18,785 23,049 22,261 23,559 23,469 19,180 16,133 22,782 22,742 22,521 23,559 1200 17,500 18,814 22,860 22,145 23,237 22,927 18,263 16,104 22,632 22,344 22,500 23,236 1300 17,902 18,803 22,795 21,739 23,108 22,599 17,691 16,378 22,465 22,148 22,346 23,318 16,104 22,632 22,448 22,500 23,236 1400 17,802 18,803 22,795 21,439 22,151 22,068 21,765 16,415 15,761 21,995 21,246 21,790 22,205 1600 17,768 18,897 22,253 21,607 22,068 21,276 16,415 15,761 21,995 21,246 21,790 22,205 1600 17,768 18,897 22,2132 21,469 21,459 21,539 21,237 15,738 15,645 21,456 20,641 21,311 21,850 1700 17,788 18,837 22,132 21,638 21,967 21,237 15,738 15,645 21,456 20,641 21,311 21,850 1700 17,788 18,837 22,132 21,522 21,539 21,237 15,738 15,645 21,456 20,641 21,311 21,850 1700 17,788 18,937 22,132 21,522 23,532 22,597 23,223 21,502 17,877 18,211 22,760 22,064 22,595 22,106 19,414 22,608 21,134 22,608 22,957 23,223 21,502 17,877 18,211 22,760 22,064 22,595 23,116 20,001 18,211 21,161 21,311 21,850 21,176 2	21,378         16,889         18,622           23,135         17,596         18,956           24,296         18,406         19,438           24,125         19,022         19,588           24,125         19,398         20,170           23,799         19,791         20,324           22,997         19,709         19,876           22,664         19,382         19,605           22,518         19,081         19,167           22,154         18,896         19,375           21,190         19,283         19,566           21,657         19,838         19,801           22,230         21,125         21,224           22,303         21,368         21,761           22,070         21,119         21,288           21,593         20,623         21,047	22 50 59 35 50 54 42 78 55 57 75 56 60 1
700   15,099   16,952   21,950   20,508   22,126   22,225   17,722   15,109   20,500   21,829   21,129   21,568   800   15,916   17,523   32,934   21,710   23,312   23,3757   18,663   15,755   22,234   23,319   22,760   23,2271   900   16,076   17,696   23,735   22,368   23,656   23,443   19,005   16,174   22,693   23,122   22,486   23,132   22,486   23,132   22,486   23,132   22,486   23,132   22,486   23,132   22,486   23,132   22,486   23,132   22,486   23,132   22,486   23,132   23,444   1100   17,219   18,785   22,049   22,261   23,559   23,449   19,180   16,133   22,782   22,742   22,521   23,558   1200   17,500   18,814   22,860   22,145   23,237   22,927   18,263   16,104   22,652   22,344   22,500   23,236   23,132   23,13	23,135 17,596 18,950 24,296 18,406 19,438 24,125 19,022 19,588 24,125 19,398 20,170 23,799 19,791 20,354 22,2997 19,709 19,878 22,864 19,382 19,600 22,518 19,081 19,167 22,154 18,896 19,372 21,910 19,283 19,566 21,657 19,838 19,801 22,230 21,125 21,224 22,303 21,368 21,767 22,070 21,119 21,288 21,593 20,623 21,047	50 39 35 57 54 42 78 8 57 75 56 66 01
800   15,916   17,523   23,294   21,710   23,312   23,787   18,663   15,755   22,234   23,319   22,780   23,271	24,296 18,406 19,438 24,125 19,022 19,588 24,125 19,398 20,170 23,799 19,791 20,352 23,250 19,794 20,242 22,997 19,709 19,878 22,864 19,382 19,606 22,518 19,081 19,167 22,154 18,896 19,378 21,910 19,283 19,566 21,657 19,838 19,801 22,230 21,125 21,224 22,303 21,368 21,767 22,070 21,119 21,288 21,593 20,623 21,047	39 35 70 64 412 78 8 55 77 75 56 60 61
900   16,076   17,698   23,735   22,097   23,627   23,640   18,819   15,736   22,516   23,162   22,488   23,444   1100   17,219   18,765   23,049   22,261   23,529   23,469   19,180   16,174   22,693   23,122   22,488   23,444   1100   17,219   18,765   23,049   22,261   23,529   23,469   19,180   16,174   22,693   22,742   22,521   23,558   1200   17,500   18,814   22,680   22,145   23,237   22,927   18,263   16,104   22,652   22,344   22,500   23,236   1300   17,902   18,903   22,755   21,739   23,108   22,595   16,037   22,495   22,126   22,345   23,182   1400   17,888   18,906   22,554   21,846   22,622   22,621   17,163   16,378   22,495   22,162   22,345   22,345   22,345   22,345   22,345   22,162   22,345   22,345   22,162   22,345   22,345   22,162   22,485   22,162   22,485   22,162   22,485   22,162   22,485   22,162   22,485   22,162   22,485   22,162   22,485   22,162   22,485   22,162   22,485   22,162   22,485   22,162   22,485   22,162   22,485   22,162   22,485   22,162   22,485   22,162   22,837   15,000   17,510   18,397   22,253   21,607   22,205   1600   17,685   18,583   21,962   21,429   21,539   21,237   15,738   15,645   21,456   20,641   21,311   21,850   1700   17,788   18,907   22,132   21,432   21,432   21,432   21,432   21,432   21,434   22,680   22,147   21,456   22,143   22,144   22,143   22	24,125         19,022         19,588           24,125         19,398         20,177           23,799         19,791         20,352           23,250         19,794         20,242           22,997         19,709         19,878           22,864         19,382         19,608           22,518         19,081         19,167           22,154         18,896         19,376           21,910         19,283         19,566           21,657         19,838         19,801           22,230         21,125         21,224           22,303         21,368         21,767           20,707         21,119         21,289           21,593         20,623         21,047	35 70 54 42 8 8 57 75 56 51 24
1000 16;704 18;907 23;566 22;368 23;656 22;368 23;443 19;005 16;174 22;693 23;122 22;488 23;444 1100 17;219 18;785 23;049 22;261 23;529 23;469 19;180 16;133 22;782 22;742 22;521 23;558 1200 17;500 18;814 22;860 22;145 23;237 22;957 18;263 16;104 22;652 22;344 22;500 23;236 1300 17;902 18;903 22;795 21;739 23;108 22;569 17;691 16;378 22;495 22;485 22;345 23;3182 1400 17;881 18;906 22;554 21;846 22;652 22;621 17;163 16;316 22;485 22;495 22;428 22;345 23;182 1400 17;881 18;907 22;53 21;807 22;068 21;766 16;415 15;791 21;995 21;246 21;790 22;205 1600 17;865 18;893 21;962 21;429 21;539 21;237 15;788 18;907 22;253 21;807 22;068 21;766 16;415 15;791 21;995 21;246 21;311 21;850 1700 17;865 18;893 22;952 21;429 21;539 21;237 15;788 16;45 21;456 20;641 21;311 21;850 1700 17;788 18;937 22;132 21;638 21;468 21;085 15;881 16;176 21;821 20;574 21;565 21;970 1800 17;960 19;415 21;796 21;727 20;739 16;681 16;898 21;877 20;709 21;740 22;108 19;001 18;800 21;134 22;688 22;957 23;223 21;502 21;638 21;461 18;914 22;760 22;084 22;585 23;116 2000 18;211 21;6501 22;395 22;260 23;565 23;302 21;001 17;787 21;356 22;861 22;365 23;301 22;001 17;787 21;356 21;859 22;260 23;566 23;590 21;001 17;787 21;355 20;636 21;859 22;260 23;566 23;590 21;008 17;795 21;355 20;356 21;373 21;466 22;433 20;424 17;157 17;517 21;704 21;188 21;301 22;673 23;001 17;535 20;636 21;273 21;462 22;465 22;433 20;424 17;157 17;517 21;704 21;18 21;301 22;673 23;001 17;535 20;636 21;273 21;404 21;302 30;404 18;802 20;457 18;227 15;599 17;265 19;630 19;423 11;007 20;679 21;679 22;001 19;403 19;001 19;403 19;001 19;403 19;001 19;403 19;001 19;403 19;001 19;403 19;001 19;403 19;001 19;403 19;001 19;403 19;001 19;403 19;001 19;403 19;001 19;403 19;001 19;403 19;001 19;403 19;001 19;403 19;001 19;403 19;4	24,125         19,398         20,170           23,799         19,791         20,352           23,250         19,794         20,242           22,997         19,709         19,876           22,664         19,382         19,605           22,518         19,081         19,167           22,154         18,896         19,375           21,910         19,283         19,566           21,657         19,838         19,801           22,230         21,125         21,224           22,303         21,368         21,761           22,070         21,119         21,288           21,593         20,623         21,047	70 54 42 78 55 57 75 56 51
1100 17,219 18,785 23,049 22,261 23,529 23,469 19,180 16,133 22,782 22,742 22,521 23,558 1200 17,500 18,814 22,860 22,145 23,237 22,927 18,263 16,104 22,632 22,344 22,500 23,236 1300 17,902 18,903 22,795 21,739 23,108 22,595 17,691 16,378 22,495 22,128 22,344 22,500 23,236 1400 17,888 18,906 22,554 21,846 22,622 22,621 17,163 16,316 22,485 21,623 22,146 22,837 1500 17,510 18,397 22,253 21,607 22,068 21,767 22,068 21,766 18,415 17,000 17,865 18,583 21,962 21,429 21,539 21,237 15,738 15,645 21,456 20,641 21,311 21,850 1700 17,788 18,937 22,132 21,638 21,468 21,085 15,851 16,176 21,521 20,574 21,565 21,970 1900 18,800 21,134 22,688 22,957 23,232 21,427 20,739 18,000 18,211 21,601 22,395 22,857 23,223 21,502 17,877 18,211 22,760 22,004 22,568 23,116 2000 18,211 21,601 22,395 22,857 23,323 21,474 18,114 18,316 22,814 22,620 22,556 23,500 2100 17,787 21,356 21,859 22,260 23,069 21,088 17,514 17,965 22,366 22,291 22,045 23,243 2000 17,051 19,643 20,327 20,804 21,302 20,457 18,227 15,559 17,265 19,630 19,423 19,070 20,870 14,000 16,405 19,051 19,484 19,882 20,457 18,227 15,559 17,265 19,630 19,423 19,070 20,870 14,000 16,405 19,051 19,484 19,882 20,457 18,227 15,559 17,265 19,630 19,423 19,070 20,870 14,000 20,063 21,370 20,615 21,373 27,1765 21,056 21,776 18,227 17,555 19,630 19,423 19,070 20,870 14,000 20,063 21,370 20,615 21,525 21,775 17,764 18,241 19,470 20,740 19,709 19,895 20,948 20,079 21,679 20,000 20,063 21,370 20,615 21,525 21,775 17,764 16,841 19,470 20,740 19,709 19,895 20,948 20,079 21,679 20,000 20,063 21,370 20,615 21,525 21,775 17,764 16,841 19,470 20,740 19,709 19,895 20,948 20,079 21,679 20,000 20,063 21,370 20,615 21,525 21,775 17,764 16,841 19,470 20,740 19,709 19,895 20,948 20,000 20,063 21,370 20,615 21,525 21,775 17,764 16,841 19,470 20,740 19,709 19,895 20,948 20,000 20,063 21,370 20,615 21,525 21,775 17,754 16,841 19,470 20,740 19,709 19,895 20,948 20,000 20,063 21,370 20,615 21,525 21,775 17,754 16,841 19,470 20,741 19,477 19,976 20,941 400 20,219 21,392 20,754 21,589 21,680 17,787 17,564 16,	23,799 19,791 20,354 23,250 19,794 20,244 22,997 19,709 19,878 22,864 19,382 19,600 22,518 19,081 19,167 22,154 18,896 19,372 21,910 19,283 19,566 21,657 19,838 19,801 22,230 21,125 21,224 22,303 21,368 21,767 22,070 21,119 21,288 21,593 20,623 21,047	54 42 78 55 57 75 66 01
1200 17,500 18,814 22,860 22,145 23,37 22,927 18,263 16,104 22,632 23,344 22,500 23,368 13,000 17,902 18,903 22,795 21,739 23,108 22,589 17,691 16,378 22,495 22,128 22,345 22,345 22,345 15,000 17,510 18,397 22,253 21,607 22,068 21,766 16,415 15,791 21,995 21,246 21,790 22,205 1600 17,510 18,397 22,253 21,607 22,068 21,766 16,415 15,791 21,995 21,246 21,790 22,205 1700 17,788 18,937 22,132 21,638 21,468 21,085 15,851 16,176 21,551 20,574 21,565 21,970 1800 17,960 19,415 21,796 21,706 21,727 20,739 16,681 16,988 21,877 20,709 21,740 22,108 1900 18,800 21,134 22,688 22,987 23,233 21,352 17,877 18,211 22,760 22,046 22,555 23,116 2000 18,211 21,661 22,395 22,867 23,233 21,352 21,081 17,877 18,211 22,760 22,046 22,556 23,590 2100 17,787 21,356 21,859 22,260 23,069 21,088 17,151 17,151 17,151 19,643 20,337 20,804 21,302 19,661 16,506 17,265 19,630 19,423 19,070 20,870 21,679 24,000 16,405 19,051 19,443 19,882 20,467 18,227 15,559 17,265 19,630 19,423 19,070 20,870 21,679 24,000 16,405 19,051 19,444 19,882 20,467 18,227 15,559 17,265 19,630 19,423 19,070 20,870 20,870 20,063 21,370 20,615 21,525 21,773 17,399 16,491 19,619 20,811 19,666 19,985 20,948 400 20,219 21,392 21,1690 21,179 22,105 21,179 21,170 20,721 19,477 19,976 20,914 20,061 20,214 21,192 610 20,061 20,214 21,192 610 20,000 20,262 21,060 20,461 21,339 21,179 21,170 19,070 20,870 20,870 20,000 20,661 21,370 20,615 21,525 21,773 17,399 16,491 19,619 20,811 19,666 19,985 20,948 400 20,219 21,392 20,754 21,589 21,660 17,193 16,150 19,177 20,721 19,477 19,976 20,914 20,000 20,661 21,370 20,615 21,525 21,773 17,399 16,491 19,619 20,811 19,666 19,985 20,948 400 20,219 21,392 20,754 21,589 21,660 17,193 16,150 19,177 20,721 19,477 19,976 20,914 20,000 20,461 21,312 22,300 21,660 21,621 22,650 21,779 22,831 22,787 17,264 16,376 21,501 23,408 22,350 22,377 23,803 20,000 24,455 25,545 24,348 24,956 24,950 18,796 17,100 24,347 24,229 23,167 23,365 24,638 24,638	23,250 19,794 20,242 22,997 19,709 19,876 22,864 19,382 19,606 22,518 19,081 19,167 22,154 18,896 19,376 21,910 19,283 19,566 21,657 19,838 19,801 22,230 21,125 21,224 22,303 21,368 21,767 22,070 21,119 21,289 21,593 20,623 21,047	42 78 05 67 75 66 01
1300 17,902 18,903 22,795 21,739 23,108 22,589 17,691 16,378 22,495 22,128 22,345 23,182 1400 17,888 18,906 22,554 21,846 22,622 22,621 17,163 16,316 22,485 21,623 22,161 22,837 1500 17,510 18,397 22,253 21,607 22,068 21,766 16,415 15,791 21,995 21,246 21,790 22,205 1600 17,965 18,589 21,962 21,429 21,539 21,237 15,738 15,645 21,456 20,641 21,311 21,850 17,796 17,788 18,937 22,132 21,638 21,468 21,085 18,851 16,176 21,521 20,574 21,565 21,970 18,000 17,960 19,415 21,796 21,706 21,727 20,739 16,681 16,898 21,877 20,709 21,740 22,108 1900 18,800 21,134 22,688 22,957 23,233 21,502 17,577 18,211 22,760 22,064 22,555 23,116 20,000 18,211 21,601 22,395 22,857 23,332 21,471 18,114 18,316 22,814 22,620 22,555 23,116 22,000 18,211 21,601 22,395 22,867 23,332 21,471 18,114 18,316 22,814 22,620 22,555 23,590 2100 17,787 21,356 21,277 20,709 21,689 17,514 17,965 22,366 22,291 22,045 23,540 2200 17,787 21,356 21,277 20,709 21,679 22,000 16,405 19,051 19,484 19,882 20,457 18,227 15,559 17,265 19,630 19,423 19,070 20,870 21,679 24,000 16,405 19,051 19,484 19,882 20,457 18,227 15,559 17,265 19,630 19,423 19,070 20,870 20,000 20,662 21,000 20,662 21,000 20,662 21,000 20,662 21,000 20,663 21,273 21,766 22,433 20,457 18,227 15,559 17,265 19,630 19,423 19,070 20,870 20,670 20	22,997         19,709         19,876           22,864         19,382         19,606           22,518         19,081         19,167           22,154         18,896         19,375           21,910         19,283         19,566           21,657         19,838         19,801           22,230         21,125         21,224           22,303         21,368         21,761           22,070         21,119         21,285           21,593         20,623         21,047	78 05 67 75 66 01 24
1400 17,888 18,906 22,554 21,846 22,622 22,621 17,163 16,316 22,485 21,623 22,161 22,837 1500 17,510 18,397 22,253 21,607 22,068 21,766 16,415 15,791 21,995 21,246 21,790 22,205 1600 17,865 18,583 21,962 21,429 21,539 21,237 15,738 15,645 21,456 20,641 21,311 21,850 1700 17,788 18,937 22,132 21,638 21,468 21,085 15,851 16,176 21,521 20,574 21,565 21,970 1800 17,960 19,415 21,796 21,706 21,727 20,739 16,681 16,898 21,877 20,709 21,740 22,108 1900 18,800 21,1314 22,668 22,957 23,223 21,502 17,877 18,211 22,760 22,064 22,585 23,116 2000 18,211 21,601 22,395 22,857 23,323 21,471 18,114 18,316 22,814 22,620 22,556 23,590 2100 17,787 21,356 21,859 22,260 23,089 21,088 17,514 17,965 22,366 22,291 22,045 23,243 2000 17,787,355 20,636 21,273 21,746 22,433 20,424 17,157 17,517 21,704 21,718 21,301 22,673 2300 17,051 19,643 20,327 20,804 21,302 19,610 16,506 17,428 20,550 20,349 20,079 21,679 24,000 16,405 19,051 19,484 19,882 20,457 18,227 15,559 17,265 19,630 19,423 19,070 20,870 20,	22,864         19,382         19,605           22,518         19,081         19,161           22,154         18,896         19,375           21,910         19,283         19,566           21,657         19,838         19,801           22,230         21,125         21,224           22,303         21,368         21,761           22,070         21,119         21,285           21,593         20,623         21,047	05 67 75 66 01 24
1500 17,510 18,397 22,253 21,607 22,068 21,766 16,415 15,791 21,995 21,246 21,790 22,205 1600 17,865 18,583 21,962 21,429 21,539 21,237 15,738 15,645 21,456 20,641 21,311 21,850 17,960 19,415 21,796 21,638 21,468 21,085 15,851 16,176 21,521 20,574 21,565 21,970 1800 17,960 19,415 21,796 21,706 21,727 20,739 16,681 16,898 21,877 20,709 21,740 22,108 1900 18,800 21,134 22,688 22,957 23,223 21,502 17,877 18,211 22,760 22,084 22,585 23,116 2000 18,211 21,601 22,395 22,857 23,332 21,471 18,114 18,316 22,814 22,620 22,555 23,590 2100 17,787 21,356 21,859 22,260 23,069 21,088 17,514 17,965 22,366 22,291 22,045 23,243 2000 17,535 20,636 21,273 21,746 22,433 20,424 17,157 17,517 21,704 21,718 21,301 22,673 23,001 17,051 19,643 20,327 20,804 21,302 19,610 16,506 17,428 20,550 20,349 20,079 21,679 2400 16,405 19,051 19,484 19,882 20,457 18,227 15,559 17,265 19,630 19,423 19,070 20,8	22,518         19,081         19,167           22,154         18,896         19,376           21,910         19,283         19,566           21,657         19,838         19,80           22,230         21,125         21,224           22,303         21,368         21,767           22,070         21,119         21,289           21,593         20,623         21,047	57 75 56 51 24
1600 17,865 18,583 21,962 21,429 21,539 21,237 15,738 15,645 21,456 20,641 21,311 21,850 1700 17,788 18,937 22,132 21,638 21,468 21,085 15,851 16,176 21,521 20,574 21,565 21,970 18,000 19,415 21,796 21,706 21,727 20,739 16,681 16,898 21,877 20,709 21,740 22,108 1900 18,800 21,134 22,688 22,957 23,323 21,502 17,877 18,211 22,760 22,084 22,585 23,116 2000 18,211 21,601 22,395 22,857 23,323 21,471 18,114 18,316 22,814 22,620 22,556 23,590 21,000 17,787 21,356 21,859 22,260 23,069 21,088 17,514 17,965 22,366 22,291 22,045 23,243 2000 17,535 20,636 21,273 21,746 22,433 20,424 17,157 17,517 21,704 21,718 21,301 22,673 2300 17,051 19,643 20,327 20,804 21,302 19,610 16,405 19,051 19,484 19,882 20,457 18,227 15,559 17,265 19,630 19,423 19,070 20,870 18,444 19,884 19,882 20,457 18,227 15,559 17,265 19,630 19,423 19,070 20,870 18,444 19,470 20,065 21,470 22,172015 21,92015 2	22,154         18,896         19,375           21,910         19,283         19,566           21,657         19,838         19,801           22,230         21,125         21,224           22,303         21,368         21,761           22,070         21,119         21,285           21,593         20,623         21,047	75 66 01 24 61
1600	22,154         18,896         19,375           21,910         19,283         19,566           21,657         19,838         19,801           22,230         21,125         21,224           22,303         21,368         21,761           22,070         21,119         21,285           21,593         20,623         21,047	75 66 01 24 61
1700	21,910     19,283     19,566       21,657     19,838     19,801       22,230     21,125     21,224       23,033     21,368     21,761       22,070     21,119     21,285       21,593     20,623     21,047	56 01 2 <b>4</b> 51
1800 17,960 19,415 21,796 21,706 21,727 20,739 16,681 16,898 21,877 20,709 21,740 22,108 1900 18,800 21,134 22,688 22,957 23,223 21,502 17,877 18,211 22,760 22,084 22,585 23,116 2000 18,211 21,601 22,395 22,857 23,232 21,471 18,114 18,316 22,814 22,620 22,556 23,590 21,000 17,787 21,356 21,859 22,260 23,069 21,088 17,514 17,965 22,366 22,291 22,045 23,243 2200 17,535 20,636 21,273 21,746 22,433 20,424 17,157 17,517 21,704 21,718 21,301 22,673 2300 17,051 19,643 20,327 20,804 21,302 19,610 16,506 17,428 20,550 20,349 20,079 21,679 2400 16,405 19,051 19,484 19,882 20,457 18,227 15,559 17,265 19,630 19,423 19,070 20,870 14al 399,785 439,044 515,026 502,180 503,900 511,619 414,495 386,644 499,191 507,267 506,020 520,193 14al 399,785 439,044 515,026 502,180 503,900 511,619 414,495 386,644 499,191 507,267 506,020 520,193 14al 399,785 439,044 515,026 502,180 503,900 511,619 414,495 386,644 499,191 507,267 506,020 520,193 14al 399,785 439,044 515,026 502,180 503,900 511,619 414,495 386,644 499,191 507,267 506,020 520,193 14al 399,785 439,044 515,026 502,180 503,900 511,619 414,495 386,644 499,191 507,267 506,020 520,193 14al 399,785 439,044 515,026 502,180 503,900 511,619 414,495 386,644 499,191 507,267 506,020 520,193 14al 399,785 439,044 515,026 502,180 503,900 511,619 414,495 386,644 499,191 507,267 506,020 520,193 14al 399,785 439,044 515,026 502,180 503,900 511,619 414,495 386,644 499,191 507,267 506,020 520,193 14al 399,785 21,041 20,061 20,214 21,122 200 20,262 21,060 20,481 21,432 21,751 17,754 16,841 19,470 20,740 19,709 19,895 20,948 300 20,063 21,370 20,615 21,525 21,773 17,399 16,491 19,619 20,811 19,666 19,958 20,948 300 20,063 21,370 20,615 21,525 21,773 17,399 16,491 19,619 20,811 19,666 19,958 20,804 400 20,219 21,392 20,754 21,589 21,660 17,193 16,150 19,717 20,721 19,477 19,976 20,914 500 20,811 21,845 21,178 21,999 21,965 17,034 16,272 20,213 20,957 19,944 20,199 21,193 600 24,456 25,545 24,458 24,458 24,950 18,796 17,100 24,347 24,229 23,167 23,885 24,638 800 24,456 25,545 24,348 24,956 24,950 18,79	21,657         19,838         19,801           22,230         21,125         21,224           22,303         21,368         21,764           22,070         21,119         21,288           21,593         20,623         21,047	01 24 31
1900	22,230     21,125     21,224       22,303     21,368     21,761       22,070     21,119     21,289       21,593     20,623     21,047	2 <b>4</b> 51
2000 18,211 21,601 22,395 22,857 23,332 21,471 18,114 18,316 22,814 22,620 22,556 23,550 2100 17,787 21,356 21,859 22,260 23,069 21,088 17,514 17,965 22,366 22,291 22,045 23,243 2200 17,535 20,636 21,273 21,746 22,433 20,424 17,157 17,517 21,704 21,718 21,301 22,673 2300 17,051 19,643 20,327 20,804 21,302 19,610 16,506 17,428 20,550 20,349 20,079 21,679 2400 16,405 19,051 19,484 19,882 20,457 18,227 15,559 17,265 19,630 19,423 19,070 20,870 14al 399,785 439,044 515,026 502,180 503,900 511,619 414,495 386,644 499,191 507,267 506,020 520,193 14al 399,785 21,172,015 21	22,303     21,368     21,761       22,070     21,119     21,289       21,593     20,623     21,047	§1
2100 17,787 21,356 21,859 22,260 23,069 21,088 17,514 17,965 22,366 22,291 22,045 23,243 2200 17,535 20,636 21,273 21,746 22,433 20,424 17,157 17,517 21,704 21,718 21,301 22,673 2300 17,051 19,643 20,327 20,804 21,302 19,610 16,506 17,428 20,550 20,349 20,079 21,679 2400 16,405 19,051 19,484 19,882 20,457 18,227 15,559 17,265 19,630 19,423 19,070 20,870 14al 399,785 439,044 515,026 502,180 503,900 511,619 414,495 386,644 499,191 507,267 506,020 520,193 14al 399,785 21,1701	22,070 21,119 21,289 21,593 20,623 21,047	
2200 17,535 20,636 21,273 21,746 22,433 20,424 17,157 17,517 21,704 21,718 21,301 22,673 2300 17,051 19,643 20,327 20,804 21,302 19,610 16,506 17,428 20,550 20,349 20,079 21,679 2400 16,405 19,051 19,484 19,882 20,457 18,227 15,559 17,265 19,630 19,423 19,070 20,870 2	21,593 20,623 21,047	
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total 399,785 439,044 515,026 502,180 503,900 511,619 414,495 386,644 499,191 507,267 506,020 520,193    Monday Tuesday Wednesday Thursday Friday Saturday Sunday Monday Tuesday Vednesday Thursday Saturday Saturday Sunday	20,239 20,091 20,588	
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title 2/16/2015 2/17/2015 2/18/2015 2/19/2015 2/20/2015 2/20/2015 2/20/2015 2/23/2015 2/23/2015 2/24/2015 2/25/2015 2/25/2015 2/26/2015 2/26/2015 2/20/2015	527,115 455,714 473,483	33
ate 2/16/2015 2/17/2015 2/18/2015 2/19/2015 2/20/2015 2/20/2015 2/21/2015 2/23/2015 2/23/2015 2/23/2015 2/23/2015 2/25/2015 2/25/2015 2/26/2015 2/	urday Sunday Monday	Tuesday
our 100 20,625 21,404 20,742 21,934 21,926 18,389 17,271 19,795 21,041 20,061 20,214 21,122 200 20,262 21,060 20,461 21,432 21,751 17,754 16,841 19,470 20,740 19,709 19,895 20,948 300 20,063 21,370 20,615 21,525 21,773 17,399 16,491 19,619 20,811 19,666 19,958 20,804 400 20,219 21,392 20,754 21,589 21,660 17,193 16,150 19,717 20,721 19,477 19,976 20,914 500 20,811 21,845 21,178 21,999 21,965 17,034 16,272 20,213 20,957 19,944 20,199 21,193 600 21,621 22,650 21,779 22,831 22,787 17,264 16,376 21,501 21,806 21,093 20,898 22,137 700 22,920 24,119 23,119 24,234 23,905 18,107 16,801 23,403 23,496 22,350 22,777 23,803 800 24,456 25,545 24,348 24,956 24,950 18,796 17,100 24,347 24,229 23,167 23,885 24,638	2/28/2015 3/1/2015 3/2/201	
100         20,625         21,404         20,742         21,934         21,926         18,389         17,271         19,795         21,041         20,061         20,214         21,122           200         20,262         21,080         20,461         21,432         21,751         17,754         16,841         19,470         20,740         19,709         19,895         20,948           300         20,063         21,370         20,615         21,525         21,773         17,399         16,491         19,619         20,811         19,666         19,958         20,804           400         20,219         21,392         20,754         21,589         21,660         17,193         16,150         19,717         20,721         19,477         19,976         20,914           500         20,811         21,845         21,178         21,999         21,965         17,034         16,272         20,213         20,957         19,944         20,199         21,193           600         21,621         22,650         21,779         22,831         22,787         17,264         16,376         21,501         21,806         21,093         20,888         22,137           700         22,920         24,119 <td>2/20/2010 3/1/2013 3/2/201</td> <td>15 5/</td>	2/20/2010 3/1/2013 3/2/201	15 5/
200       20,262       21,060       20,461       21,432       21,751       17,754       16,841       19,470       20,740       19,709       19,885       20,948         300       20,063       21,370       20,615       21,525       21,773       17,399       16,491       19,619       20,811       19,666       19,958       20,804         400       20,219       21,392       20,754       21,589       21,660       17,193       16,150       19,717       20,721       19,477       19,976       20,914         500       20,811       21,845       21,178       21,999       21,965       17,034       16,272       20,213       20,957       19,944       20,199       21,193         600       21,621       22,650       21,779       22,831       22,787       17,264       16,376       21,501       21,806       21,093       20,898       22,137         700       22,920       24,119       23,119       24,234       23,905       18,107       16,801       23,403       23,496       22,350       22,777       23,803         800       24,456       25,545       24,348       24,956       24,950       18,796       17,100       24,347       24,229 </td <td>10.100</td> <td></td>	10.100	
300 20,063 21,370 20,615 21,525 21,773 17,399 16,491 19,619 20,811 19,666 19,958 20,804 400 20,219 21,392 20,754 21,589 21,660 17,193 16,150 19,717 20,721 19,477 19,976 20,914 500 20,811 21,845 21,178 21,999 21,965 17,034 16,272 20,213 20,957 19,944 20,199 21,193 600 21,621 22,650 21,779 22,831 22,787 17,264 16,376 21,501 21,806 21,093 20,898 22,137 700 22,920 24,119 23,119 24,234 23,905 18,107 16,801 23,403 23,496 22,350 22,777 23,803 800 24,456 25,545 24,348 24,956 24,950 18,796 17,100 24,347 24,229 23,167 23,885 24,638	18,133	
400 20,219 21,392 20,754 21,589 21,660 17,193 16,150 19,717 20,721 19,477 19,976 20,914 500 20,811 21,845 21,178 21,999 21,965 17,034 16,272 20,213 20,957 19,944 20,199 21,193 600 21,621 22,650 21,779 22,831 22,787 17,264 16,376 21,501 21,806 21,093 20,898 22,137 700 22,920 24,119 23,119 24,234 23,905 18,107 16,801 23,403 23,496 22,350 22,777 23,803 800 24,456 25,545 24,348 24,956 24,950 18,796 17,100 24,347 24,229 23,167 23,885 24,638	17,793	
500     20,811     21,845     21,178     21,999     21,965     17,034     16,272     20,213     20,957     19,944     20,199     21,193       600     21,621     22,650     21,779     22,831     22,787     17,264     16,376     21,501     21,806     21,093     20,888     22,137       700     22,920     24,119     23,119     24,234     23,905     18,107     16,801     23,403     23,496     22,350     22,777     23,803       800     24,456     25,545     24,348     24,956     24,950     18,796     17,100     24,347     24,229     23,167     23,885     24,638	17,611	
600 21,621 22,650 21,779 22,831 22,787 17,264 16,376 21,501 21,806 21,093 20,898 22,137 700 22,920 24,119 23,119 24,234 23,905 18,107 16,801 23,403 23,496 22,350 22,777 23,803 800 24,456 25,545 24,348 24,956 24,950 18,796 17,100 24,347 24,229 23,167 23,885 24,638	17,616	
700 22,920 24,119 23,119 24,234 23,905 18,107 16,801 23,403 23,496 22,350 22,777 23,803 800 24,456 25,545 24,348 24,956 24,950 18,796 17,100 24,347 24,229 23,167 23,885 24,638	17,800	
800 24,456 25,545 24,348 24,956 24,950 18,796 17,100 24,347 24,229 23,167 23,885 24,638	18,053	
800 24,456 25,545 24,348 24,956 24,950 18,796 17,100 24,347 24,229 23,167 23,885 24,638	19,040	
	19,534	
900 25,208 25,457 24,738 25,093 25,341 19,211 17,356 24,363 24,512 23,634 23,894 24,665	20,047	
1000 25,315 25,625 25,000 25,012 25,336 19,847 17,617 24,232 24,386 23,259 24,158 24,285	20,009	
The state of the s		
	19,844	
	19,230	
1300 24,862 24,696 24,185 24,719 24,522 19,289 17,389 23,294 24,451 22,336 23,174 23,186	18,635	
1400 24,830 24,460 24,156 24,810 24,039 18,362 17,370 23,019 24,178 22,167 23,115 22,837	18,200	
1500 24,384 23,919 23,869 24,182 23,682 17,780 17,265 22,649 23,686 21,847 22,542 22,367	17,471	
1600 23,695 23,328 23,382 23,685 23,197 17,427 17,836 22,128 23,419 21,480 21,989 21,901	16,984	
1700 23,428 23,438 23,495 23,582 22,950 17,520 18,100 21,784 23,191 21,491 22,396 21,643	17,026	
1800 23,544 23,405 23,880 23,410 22,786 17,933 18,445 22,125 23,362 21,429 22,577 21,370	17,195	
1900 24,809 24,278 24,928 24,425 23,308 18,886 19,751 23,195 24,018 22,360 23,561 21,813	18.318	
	10.010	
	18,858	
2200 23,859 23,395 24,170 23,738 22,743 18,835 20,042 23,250 22,698 22,159 23,147 22,094	18,858	
2300 22,907 22,212 22,734 22,788 21,425 18,339 19,897 22,397 21,441 21,075 22,026 21,074	18,858	
	18,858 18,862 18,451 17,887	
2400 21,902 21,207 22,261 22,129 19,384 17,760 19,705 21,636 20,425 20,342 21,365 18,960	18,858	
2400 21,902 21,207 22,261 22,129 19,384 17,760 19,705 21,636 20,425 20,342 21,365 18,960	18,858 18,862 18,451 17,887	
2400 21,902 21,207 22,261 22,129 19,384 17,760 19,705 21,636 20,425 20,342 21,365 18,960	18,858	13,97





**Omega Joint Venture Two** 

INVOICE NUMBER: 186527

1111 Schrock Rd, Suite 100

**INVOICE DATE:** 3/9/2015

COLUMBUS, OHIO 43229

**DUE DATE**: 3/19/2015

PHONE: (614) 540-1111

TOTAL AMOUNT DUE: \$413.79

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 - February, 2015

DO NOT PAY - AMOUNT AUTOMATICALLY DEDUCTED FROM YOUR BANK ACCOUNT

EMAIL BILLING@AMPPARTNERS.ORG
WITH ANY QUESTIONS

FIXED RATE CHARGE: 264 kW \* \$1.55 / kW = \$407.95

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 = \$5.84

TOTAL CHARGES \$413.79



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

Do Not Pay Paid by E-Pay American Municipal PWR Inc INVOICE NUMBER:

186337

INVOICE DATE:

3/2/2015

DUE DATE:

3/20/2015

TOTAL AMOUNT DUE:

\$51,942.68

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

City of Napoleon

Gregory J. Heath, Finance Director 255 W. Riverview Ave., P.O. Box 151

Napoleon, Ohio 43545-0151

FOR THE MONTH/YEAR OF:

March, 2015

Financing CHARGES:

Debt Service

\$16.820817

/ kW \*

3,088 kW =

\$51,942.68



March 3, 2014

City of Napoleon Mr. Greg Heath 255 West Riverview Avenue P.O. Box 151 Napoleon, Ohio 43545

Dear Mr. Greg Heath,

OMEGA JV5 has requested, pursuant to Section 17 (J) of the Joint Venture Agreement for OMEGA JV5, US Bank as Trustee to require all Financing Participants in OMEGA JV5 to execute the enclosed certificate. The purpose of the certificate is to certify that the electric fund meets the performance covenants, conditions, agreements or provisions contained in the Joint Venture Agreement, specifically Section 17 (A) (1) of the Joint Venture Agreement which states, among other things that each Participant must maintain rates which provide revenues equal to:

- "(1) in the case of a Financing Participant, the greater of:
- the sum of (i) the O&M Expenses, including its share of Operating Expenses under this Joint Venture Agreement and (ii) 110% of the sum of the debt service on any outstanding senior lien electric system revenue obligations of the Participant and its share of bond Debt Service Payments, payable in such Year; or
- (b) the sum of (i) the O&M Expenses, including its share of Operating Expenses under this Joint Venture Agreement, (ii) its share of Bond Debt Service Payments, (iii) debt service on outstanding electric system revenue obligations of the Participant, and (iv) all other amounts payable from such revenues including, without limitation, debt service on general obligation or other tax supported debt incurred for purposes of the JV5 Participant's Electric System and its share of Other Required Payments, payable in such Year."

Please sign and return the certificate to us by March 16, 2015 in the envelope provided. If you have questions regarding the certificate, please do not hesitate to call Chris Deeter of AMP at (614) 540-0848.

Sincerely,

Robert T. Jones

Enclosure

#### OMEGA JV5 PARTICIPANT CERTIFICATE

The undersigned, Greg Heath the Finance Director of the City of Napoleon, Ohio, (the "Participant"), **DOES HEREBY CERTIFY** as follows with respect to the 2001 and 1993 Beneficial Interest Certificates, and the 2004 Beneficial Interest Refunding Certificates (Belleville Hydroelectric Project) Evidencing and Representing Interest of the Owners Thereof in Bond Debt Service Payments to be Made by the Participants in a Joint Venture of 42 Member Municipalities of American Municipal Power-Ohio, Inc. known as the Ohio Municipal Generation Agency Joint Venture 5 "OMEGA JV5".

- 1. The undersigned is the duly authorized chief fiscal or financial officer of the Participant of OMEGA JV5.
- 2. The Participant has been and is a party to the Joint Venture Agreement, dated as of January 1, 1993, regarding Ohio Municipal Electric Generation Agency Joint Venture 5 Belleville Hydroelectric Project (the "Joint Venture Agreement").
- 3. For the period beginning January 1, 2014 to December 31, 2014, to the best of the undersigned's information and belief, the Participant, has not been, and is not now in default in the performance of any of the covenants, conditions, agreements or provisions contained in the Joint Venture Agreement including its obligation for debt service coverage set forth in Section 17 of the Joint Venture Agreement.
- 4. With respect to its Electric System, the undersigned Participant has not incurred any financial liabilities, direct or contingent, or entered into any transactions and there has not been any adverse change in the condition, financial or physical, of the Electric System of the undersigned Participant, in any case that would materially and adversely affect the ability of the Participant to meet its obligations under the Joint Venture Agreement.
- 5. No litigation is pending or, to undersigned's knowledge, threatened in any court to contesting or affecting the validity of the Joint Venture Agreement and there is no litigation pending or, to the undersigned's knowledge, threatened against the Participant or involving any of the property or assets which comprise the electric system of the Participant which involves the possibility of any judgment that would materially, and adversely affect the ability of the Participant to meet its obligations under Joint Venture Agreement.
- 6. If conditions change which render the above untrue, I will promptly notify the general counsel of OMEGA JV5 (John Bentine) at (614) 540-1111.

Any capitalized terms and phrases used herein and not otherwise defined herein shall have the same meanings given to such terms and phrases in the Joint Venture Agreement.

DATED: 03-13-2015

CITY OF Napoleon, Ohio

By: Irogory J. Kath Name: Greg Heath

Title: Finance Director

# NOTICE TO MELDAHL HYDROELECTRIC PROJECT PARTICIPANTS BILLING FOR REVENUE REQUIREMENTS MARCH 12, 2015

This Notice is being provided in accordance with Section 3(B) of the Power Sales Contract dated as of March 1, 2009 by and between AMP and the Participants of the Meldahl Hydroelectric Project. On February 18, 2015, the Meldahl Project Participants Committee voted to approve billing the Participants for their Project Shares of up to twenty-five percent (25%) of AMP's Revenue Requirements in advance of the Commercial Operation Date, which will consist primarily of debt service. The approved billing will begin not less than 120 days after the date of this Notice and will continue through the Commercial Operation Date of the Project and for a reasonable period thereafter. As soon as the billing amounts are determined, or in the event that the Participants Committee determines at a later date that such billings are unnecessary, further notice will be sent to all Participants. Capitalized terms used in this Notice refer to the terms as defined in the Power Sales Contract.

4837-9720-2466, v. 1



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

Do Not Pay Paid by E-Pay American Municipal PWR Inc

City of Napoleon

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

186295

INVOICE DATE:

3/2/2015

DUE DATE:

3/20/2015

TOTAL AMOUNT DUE:

\$77,966.90

**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:

February, 2015

DEMAND CHARGES:

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

			240 A A A A A A A A A A A A A A A A A A A	
TOTAL ENERGY CHARGES:	\$0.025825	/ kWh *	2,075,136 kWh =	\$53,589.61
JV5 Fuel Cost (Actual Expense):	\$0.000000	/ kWh *	2,075,136 kWh =	\$0.00
JV5 Repl. Pwr. & Variable (Budgeted Rate):	\$0.025825	/ kWh *	2,075,136 kWh =	\$53,589.61
ENERGY CHARGES:				
TOTAL DEMAND CHARGES:	\$7.894200	/ kW *	3,088 kW =	\$24,377.29
Seca Associated with JV5.	\$0.000000	/ kW *	3,088 kW =	\$0.00
Base Operating Expense Demand Charge:	\$7.894200	/ kW *	3,088 kW =	\$24,377.29

\$0.00

Total OMEGA JV5 Invoice:

\$77,966.90



AMERICAN MUNICIPAL POWER, INC.

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

FAX: (614) 540-1078

INVOICE NUMBER: 186436

**INVOICE DATE:** 3/4/2015

**DUE DATE**: 3/20/2015

TOTAL AMOUNT DUE: \$3,522.00

CUSTOMER NUMBER: 5020

DO NOT PAY - AMOUNT AUTOMATICALLY

DEDUCTED FROM YOUR BACK ACCOUNT.

EMAIL BILLING@AMPPARTNERS.ORG

WITH ANY QUESTIONS.

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 2015

**Demand Charge** 

300 Kw \* 11.74 per kW-Month

<u>Total</u>

Principal \$3,517.97

AMOUNT DUE FOR: March, 2015 - Interest \$4.03

TOTAL CHARGES \$3,522.00



AMERICAN MUNICIPAL POWER, INC.

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

INVOICE NUMBER: 186446

INVOICE DATE: 3/4/2015

3/20/2015

Total

TOTAL AMOUNT DUE: \$1,187.34

**CUSTOMER NUMBER:** 5020

DO NOT PAY - AMOUNT AUTOMATICALLY

DEDUCTED FROM YOUR BACK ACCOUNT.

EMAIL BILLING@AMPPARTNERS.ORG

WITH ANY QUESTIONS.

CUSTOMER P.O. #:

DUE DATE:

**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 2015

Electric Fixed

300 Kw \* 3.96 per kW-Month

March, 2015 -Electric Fixed \$1,187.34

AMOUNT DUE FOR:

**TOTAL CHARGES** \$1,187.34

### APPENDIX A -Loan Schedule

#### CITY OF NAPOLEON RATE LEVELIZATION FUND LOAN SCHEDULE

Estimated Annual Interest Rate:

0.00%

	]	Payment from AMP to	`	fonthly Interest		
Month (1)	7	funicipality (2)	-7	Credit	A	ccumulated Loan Balance
Jan-14	\$	(190,000.00)	\$	-	\$	(190,000.00)
Feb-14	\$	(120,000.00)	\$	_	\$	(310,000.00)
Mar-14	\$	(120,000.00)	\$		\$	(430,000.00)
Apr-14	\$	(90,000.00)	\$	-	\$	(520,000.00)
May-14	\$	(120,000.00)	\$	-	\$	(640,000.00)
Jun-14	\$	(120,000.00)	\$	_	\$	(760,000.00)
Jul-14	\$	(180,000.00)	\$	-	\$	(940,000.00)
Aug-14	\$	(150,000.00)	\$	-	\$	(1,090,000.00)
Sep-14	\$	(100,000.00)	\$	-	\$	(1,190,000.00)
Oct-14	\$	(100,000.00)	\$	-	\$	(1,290,000.00)
Nov-14	\$	(100,000.00)	\$	-	\$	(1,390,000.00)
Dec-14	\$	(130,000.00)	\$	-	\$	(1,520,000.00)
Jan-15	\$	(40,000.00)	\$	-	\$	(1,560,000.00)
Feb-15	\$	(10,000.00)	\$	April Light - Carl	\$	(1,570,000.00)
Mar-15	S	(30,000.00)	\$	-	\$	(1,600,000.00)
Apr-15	\$	50,000.00	\$	-	\$	(1,550,000.00)
May-15	S	20,000.00	\$		\$	(1,530,000.00)
Jun-15	\$	100,000.00	\$	-	\$	(1,430,000.00)
Jul-15	\$	70,000.00	\$	-	\$	(1,360,000.00)
Aug-15	\$	70,000.00	\$	-	\$	(1,290,000.00)
Sep-15	\$	150,000.00	\$	<u> </u>	\$	(1,140,000.00)
Oct-15	\$	150,000.00	\$	-	\$	(990,000.00)
Nov-15	\$	150,000.00	\$	H	\$	(840,000.00)
Dec-15	\$	70,000.00	\$	-	\$	(770,000.00)
Jan-16	\$	70,000.00	\$	-	\$	(700,000.00)
Feb-16	\$	110,000.00	\$	2 <del>x</del>	\$	(590,000.00)
Mar-16	\$	110,000.00	\$	-	\$	(480,000.00)
Apr-16	\$	140,000.00	\$		\$	(340,000.00)
May-16	\$	140,000.00	\$	· ·	\$	(200,000.00)
Jun-16	\$	20,000.00	S	-	\$	(180,000.00)
Jul-16	\$	20,000.00	\$	-	\$	(160,000.00)
Aug-16	\$	20,000.00	\$	-	\$	(140,000.00)
Sep-16	\$	60,000.00	\$		\$	(80,000.00)
Oct-16	\$		\$	-	\$	(20,000.00)
Nov-16	\$	20,000.00	\$	=	\$	
Dec-16	\$	-	\$		\$	-

<sup>(1)</sup> Month means month of power delivery.

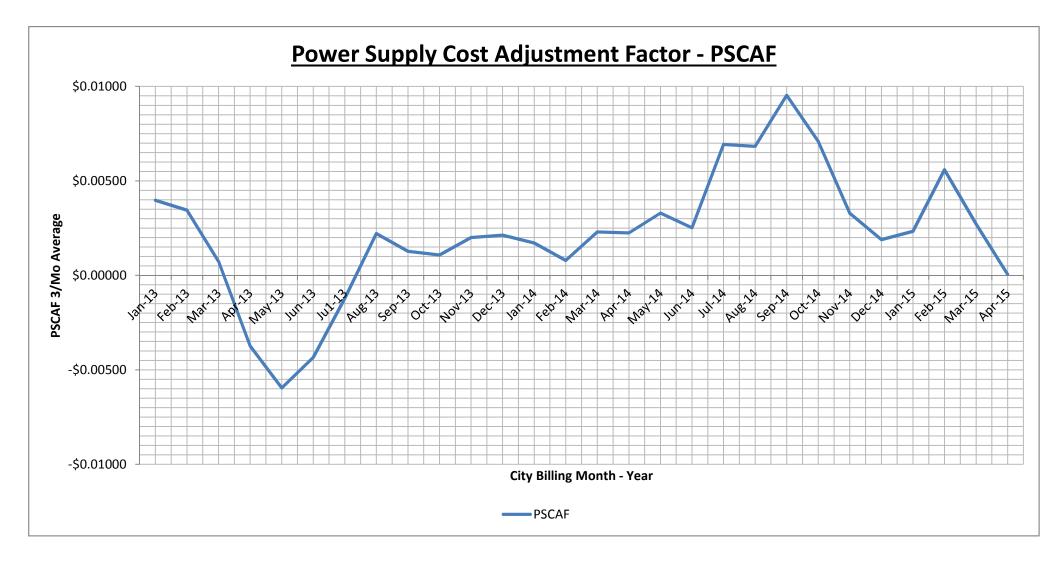
<sup>(2)</sup> Negative means payment from Municipality to AMP December 2016 payment is estimated. Actual payment will include true-up to fully reimburse AMP for principal and carrying charges.

<b>BILLING SUMMARY AN</b>	D CO	<u>NSUN</u>	<u>IPTION fo</u>	or BILLING	CYCLE	- APRI	<u>L, 2015</u>								
APRIL, 2015															
2015 - APRIL BILLING WITH MARCH 20	15 DATA		UNITS				0/1.001								
Class and/or	Rate	Mar-15 # of	Mar-15	Mar-15	Billed kVa	Cost / kWH	Cost / kWH Prior 12 Mo	Apr-14 # of	Apr-14	Apr-14	Cost / kWH	May-14 # of	May-14	May-14	Cost / kWH
Schedule	Code	Bills	(kWh Usage)	Billed	of Demand	For Month	Average	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month
Residential (Dom-In)	E1	3,339	2,519,592	\$275,884.01	OI Demand	\$0.1095	\$0.1127	3,339	2,203,437	\$215,125.61	\$0.0976	3,344	2,035,009	\$240,489.13	
Residential (Dom-In) w/Ecosmart	E1E	10		\$596.76	0	\$0.1129	\$0.1152	10		\$474.70	\$0.1014	10		\$565.76	
Residential (Dom-In - All Electric)	E2	605	856,052	\$90,527.43	0	\$0.1057	\$0.1093	605	747,599	\$69,791.66	\$0.0934	614	624,190	\$71,198.98	\$0.114
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	584	\$65.32	0	\$0.1118	\$0.1138	1	504	\$50.63	\$0.1005	1	393	\$48.57	\$0.123
Total Residential (Domestic)		3,955	3,381,513	\$367,073.52	0	\$0.1086	\$0.1120	3,955	2,956,223	\$285,442.60	\$0.0966	3,969	2,664,261	\$312,302.44	\$0.117
Residential (Rural-Out)	ER1	744	919,993	\$105.142.88		\$0.1143	\$0.1177	740	000 514	\$87,869.22	\$0.1018	743	798,959	\$97,702.43	\$0.122
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,956	\$105,142.88	0	\$0.1143		740	863,514 2,769	\$87,869.22	\$0.1018	743	2,557	\$97,702.43	\$0.122
Residential (Rural-Out - All Electric)	ER2	388		\$74,112.64	0	\$0.1190	\$0.1228	385		\$61,875.34	\$0.1077	387	549,671	\$65,970.38	\$0.120
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2		\$361.20	0	\$0.1125	\$0.1174	2		\$279.42	\$0.1004	2	2.256	\$274.97	\$0.121
Residential (Rural-Out w/Dmd)	ER3	16		\$3,784.23	293	\$0.1107		14		\$2,846.46	\$0.0979	14	26,113	\$3,087.37	\$0.118
Residential (Rural-Out - All Electric w/Dm	ER4	9	12,137	\$1,378.93	71	\$0.1136	\$0.1142	9	13,299	\$1,329.20	\$0.0999	9	11,335	\$1,370.89	\$0.120
Total Residential (Rural)		1,163	1,634,006	\$185,134.13	364	\$0.1133	\$0.1165	1,154	1,534,343	\$154,497.99	\$0.1007	1,159	1,390,891	\$168,735.18	\$0.121
			ļ												
Commercial (1 Ph-In - No Dmd)	EC2	72		\$7,253.04	14	\$0.1353	\$0.1409	73		\$5,464.82	\$0.1159	73		\$6,712.99	\$0.145
Commercial (1 Ph-Out - No Dmd)	EC2O	42		\$1,791.54	0	\$0.1662	\$0.1669	41	14,593	\$1,914.47	\$0.1312	41	/	\$2,139.22	\$0.164
Total Commercial (1 Ph) No Dmd		114	64,394	\$9,044.58	14	\$0.1405	\$0.1460	114	61,761	\$7,379.29	\$0.1195	114	59,138	\$8,852.21	\$0.149
Total Commercial (1 Pil) No Dilid		114	04,394	\$9,044.36	14	\$0.1405	<b>\$0.1400</b>	114	01,701	\$1,319.29	\$0.1195	114	59,130	\$0,032.21	\$0.149
Commercial (1 Ph-In - w/Demand)	EC1	263	358,653	\$47,446.55	1755	\$0.1323	\$0.1399	266	328,206	\$37,066.22	\$0.1129	265	338,292	\$47,659.18	\$0.140
Commercial (1 Ph-Out - w/Demand)	EC10	25		\$6,199.88	1733	\$0.1323	\$0.1339	25	46,109	\$4,902.12	\$0.1129	25	44,428	\$5,997.30	\$0.140
Commercial (1111 Cut W/Bernand)	2010			Ψ0,100.00		ψ0.1200	ψ0.1000			Ψ+,002.12	ψ0.1000			ΨΟ,ΟΟ7.ΟΟ	ψ0.100
Total Commercial (1 Ph) w/Demand		288	408,043	\$53,646.43	1,953	\$0.1315	\$0.1393	291	374,315	\$41,968.34	\$0.1121	290	382,720	\$53,656.48	\$0.140
, ,					·										
Commercial (3 Ph-Out - No Dmd)	EC4O	2	2,120	\$289.03	28	\$0.1363	\$0.1345	2	80	\$43.80	\$0.5475	2	640	\$117.07	\$0.182
Total Commercial (3 Ph) No Dmd		2	2,120	\$289.03	28	\$0.1363	\$0.1345	2	80	\$43.80	\$0.5475	2	640	\$117.07	\$0.182
Commercial (3 Ph-In - w/Demand)	EC3	206		\$182,632.23	5004	\$0.1175		203	1,498,619	\$144,658.79	\$0.0965	203	1,379,277	\$174,829.80	\$0.126
Commercial (3 Ph-Out - w/Demand)	EC3O	39		\$50,528.66	1479	\$0.1170		36		\$27,407.82	\$0.0991	36		\$31,759.80	\$0.129
Commercial (3 Ph-In - w/Dmd.&Sub-St.C	EC3S E3SO	3		\$6,997.97	392 468	\$0.1171 \$0.1101	\$0.1200 \$0.1130	0 2		\$0.00 \$10,328.65	\$0.0000 \$0.0895	2	104,440	\$0.00	\$0.000 \$0.118
Commercial (3 Ph-Out - w/Dmd.&Sub-St. Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1		\$16,065.70 \$228.87	400	\$0.1101		1	115,400 2,000	\$10,328.65	\$0.0893	1	1,600	\$12,375.17 \$212.26	\$0.116
Commercial (CTTTIII W/Demaile, No Ta	2001		1,000	ΨΖΖΟ.Ο7		ψ0.1217	ψ0.1200		2,000	Ψ100.02	ψ0.0000		1,000	ΨΕΤΕ.ΕΟ	φ0.102
Total Commercial (3 Ph) w/Demand		251	2,193,335	\$256,453.43	7,349	\$0.1169	\$0.1217	242	1,892,530	\$182,591.18	\$0.0965	242	1,731,495	\$219,177.03	\$0.126
, ,					,										1
Large Power (In - w/Dmd & Rct)	EL1	20	2,226,845	\$211,633.90	5172	\$0.0950	\$0.0969	24	2,007,407	\$174,927.77	\$0.0871	24	2,233,703	\$235,539.75	\$0.105
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	1	759,238	\$62,063.40	1271	\$0.0817		2	128,880	\$15,427.15	\$0.1197	2	72,960	\$15,435.61	\$0.211
Large Power (Out - w/Dmd & Rct)	EL10	0		\$0.00	0	\$0.0000	\$0.1179	1	67,860	\$6,696.91	\$0.0987	1	66,240	\$8,223.17	\$0.124
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	1	,	\$32,659.20	835	\$0.0969	\$0.1032	2		\$28,455.05	\$0.0937	2			
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	50,010	\$7,302.78	145	\$0.0829	\$0.1282	2	56,449	\$6,292.88	\$0.1115	2	60,424	\$8,417.03	\$0.139
Total Large Power		24	3,411,329	\$313,659.28	7,423	\$0.0919	\$0.0987	31	2,564,436	\$231,799.76	\$0.0904	31	2,774,367	\$304,855.20	\$0.109
Total Large Fower			3,411,323	ψ515,055.20	7,420	ψ0.0313	ψ0.0307	- 31	2,304,430	Ψ231,733.70	Ψ0.0304	J.	2,774,507	φ304,033.20	Ψ0.103
Industrial (In - w/Dmd & Rct, w/SbCr)	El1	1	1,123,360	\$91,332.81	2027	\$0.0813	\$0.0863	2	1,254,911	\$111,981.55	\$0.0892	2	1,386,881	\$137,819.69	\$0.099
Industrial (In - w/Dmd & Rct, No/SbCr)	El2	1	1,101,193	\$88,302.30	1886	\$0.0802	\$0.0804	1	983,848	\$73,821.89	\$0.0750	1	1,186,801	\$100,145.89	\$0.084
,															1
Total Industrial		2	2,224,553	\$179,635.11	3,913	\$0.0808	\$0.0838	3	2,238,759	\$185,803.44	\$0.0830	3	2,573,682	\$237,965.58	\$0.092
Interdepartmental (In - No Dmd)	ED1	48		\$16,615.11	89	\$0.0950	\$0.0988	48		\$14,342.72	\$0.0866	48		\$15,600.16	\$0.106
Interdepartmental (Out - No Dmd)	ED10	1		\$0.00	0	\$0.0000	\$0.1064	1		\$0.00	\$0.0000	1	201	\$21.39	\$0.106
Interdepartmental (In - w/Dmd)	ED2	20		\$34,779.41	881	\$0.0929	\$0.0970	20		\$29,970.33	\$0.0844	20		\$33,478.84	\$0.103
Generators (JV2 Power Cost Only) Generators (JV5 Power Cost Only)	GJV2 GJV5	1	24,620 18,650	\$1,085.50 \$822.28	35	\$0.0441 \$0.0441	\$0.0000 \$0.0000	1	20,858 15,564	\$1,385.60 \$1,033.92	\$0.0664 \$0.0664	1	18,4// 14,248	\$887.64 \$684.47	\$0.048 \$0.048
Constitution (0 to 1 ower Cost Only)	G0 V 0		,	φ022.20		ψυ.υ-τ41	Ψ0.0000			φ1,033.92	ψυ.υυ		14,240	φ004.47	Ψυ.υ+ο
Total Interdepartmental		71				\$0.0899	\$0.0933			\$46,732.57	\$0.0839	71			\$0.100
					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,				,				
SUB-TOTAL CONSUMPTION & DEMAN	D	5,870	13,911,892	\$1,418,237.81	22,119	\$0.1019	\$0.1053	5,863	12,179,451	\$1,136,258.97	\$0.0933	5,881	12,079,254	\$1,356,333.69	\$0.112
				=======================================				-						==========	*
Street Lights (In)	SLO	15		\$13.59	0	\$0.0000		16	0	\$14.20	\$0.0000	16		\$14.20	\$0.000
Street Lights (Out)	SLOO	2	-	\$0.77	0	\$0.0000	\$0.0000	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.000
Total Charat Limbs Code		47		014.00		#0 00==	<b>#0.00</b> 00			644.07	<b>#0.0000</b>			m44.07	#0.0C
Total Street Light Only		17				\$0.0000	\$0.0000			\$14.97	\$0.0000	18	0	·	\$0.000
TOTAL CONSUMPTION & DEMAND		5,887	13,911,892	\$1,418,252.17	22,119	\$0.1019	\$0.1053	5,881	12,179,451	\$1,136,273.94	\$0.0933	5,899		\$1,356,348.66	\$0.112
		3,007	10,011,032	ψι, τιο, 202. Ι/	22,119	ψυ. 1019	ψυ. 1000	3,001	12,113,431	Ψ1,100,210.94	. 40.0333	J,039	12,013,234	w1.550.540.00	- φυ.ιΙΖ-
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<b>BILLING SUMMARY AN</b>	ID CO																
APRIL, 2015 2015 - APRIL BILLING WITH MARCH 2	O15 DATA																
2015 - APRIL BILLING WITH MARCH 2	UIS DATA	Jun-14				Jul-14				Aug-14				Sep-14			
Class and/or	Rate	# of	Jun-14	Jun-14	Cost / kWH	# of	Jul-14	Jul-14	Cost / kWH	# of	Aug-14	Aug-14	Cost / kWH	# of	Sep-14	Sep-14	Cost / kWH
Schedule	Code	<u>Bills</u>	(kWh Usage)	Billed	For Month	<u>Bills</u>	(kWh Usage)	<u>Billed</u>	For Month	<u>Bills</u>	(kWh Usage)	Billed	For Month		(kWh Usage)	<u>Billed</u>	For Month
Residential (Dom-In) Residential (Dom-In) w/Ecosmart	E1 E1E	3,335	1,643,643 4,059	\$172,036.54 \$435.42	\$0.1047 \$0.1073	3,329	2,076,482 5,209	\$257,865.23 \$656.81	\$0.1242 \$0.1261	3,327 10	2,643,148 6,860	\$325,313.98 \$852.59	\$0.1231 \$0.1243	3,329	2,404,926 5,916	\$285,045.20 \$712.25	\$0.1185 \$0.1204
Residential (Dom-In - All Electric)	E2	611		\$37,623.61	\$0.1073	610	364,091	\$45,375.04	\$0.1261	608	425,575	\$52,817.91	\$0.1243	615	391,438	\$46,846.04	\$0.1204
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	466	\$49.11	\$0.1054	1	545	\$68.44	\$0.1256	1	821	\$100.86	\$0.1229	1	761	\$89.90	\$0.1181
Total Residential (Domestic)		3,957	2,016,117	\$210,144.68	\$0.1042	3,950	2,446,327	\$303,965.52	\$0.1243	3,946	3,076,404	\$379,085.34	\$0.1232	3,955	2,803,041	\$332,693.39	\$0.1187
Residential (Rural-Out) Residential (Rural-Out) w/Ecosmart	ER1 ER1E	741 4		\$63,484.42 \$216.72	\$0.1100 \$0.1193	744 4	655,212 2,332	\$85,588.78 \$318.28	\$0.1306 \$0.1365	746 4	780,096 2,587	\$101,240.28 \$351.23	\$0.1298 \$0.1358	747 4	712,222 2,381	\$89,327.53 \$313.86	\$0.1254 \$0.1318
Residential (Rural-Out - All Electric)	ER2	386		\$40,175.76	\$0.1075	387		\$48,515.39	\$0.1296	389	428,617	\$55,424.79	\$0.1293	387	397,002	\$49,504.18	\$0.1247
Res. (Rural-Out - All Electric) w/Ecosman	ER2E ER3	14	,	\$155.20	\$0.1116	2	1,146	\$156.68	\$0.1367	2	1,327	\$179.56	\$0.1353	2	1,084	\$144.60	\$0.1334
Residential (Rural-Out w/Dmd) Residential (Rural-Out - All Electric w/Dm	ER3	9		\$2,669.14 \$928.92	\$0.1024 \$0.1076	14 9		\$2,941.75 \$1,117.05	\$0.1250 \$0.1297	14	17,547 10,207	\$2,247.46 \$1,316.86	\$0.1281 \$0.1290	14	17,199 9,500	\$2,114.46 \$1,181.79	\$0.1229 \$0.1244
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Total Residential (Rural)		1,156		\$107,630.16	\$0.1089	1,160	1,065,138	\$138,637.93	\$0.1302	1,164	1,240,381	\$160,760.18	\$0.1296	1,163	1,139,388	\$142,586.42	\$0.1251
Commercial (1 Ph-In - No Dmd) Commercial (1 Ph-Out - No Dmd)	EC2 EC2O	72 41	9,378	\$5,151.77 \$1,510.59	\$0.1302 \$0.1611	74 41	42,685 9,940	\$6,897.60 \$1,894.17	\$0.1616 \$0.1906	73 41	44,584 11,127	\$7,147.17 \$2,060.27	\$0.1603 \$0.1852	73 43	43,499 11,292	\$6,740.06 \$2,041.30	\$0.1549 \$0.1808
Total Commercial (1 Ph) No Dmd		113		\$6,662.36	\$0.1361	115	52,625	\$8,791.77	\$0.1671	114	55,711	\$9,207.44	\$0.1653	116	54,791	\$8,781.36	\$0.1603
Commercial (1 Ph-In - w/Demand)	EC1	264		\$37,215.66	\$0.1294	264		\$50,497.44	\$0.1624	263	355,039	\$56,121.24	\$0.1581	261	364,320	\$55,033.16	\$0.1511
Commercial (1 Ph-Out - w/Demand)	EC10	25	33,703	\$4,194.52	\$0.1245	25	30,949	\$4,964.56	\$0.1604	25	34,978	\$5,562.26	\$0.1590	26	39,084	\$5,531.72	\$0.1415
Total Commercial (1 Ph) w/Demand		289		\$41,410.18	\$0.1289	289		\$55,462.00	\$0.1622	288	390,017	\$61,683.50	\$0.1582	287	403,404	\$60,564.88	\$0.1501
Commercial (3 Ph-Out - No Dmd)	EC4O	2		\$62.04	\$0.2585	2	40	\$41.64	\$1.0410	2	40	\$41.64	\$1.0410	2	40	\$41.40	\$1.0350
Total Commercial (3 Ph) No Dmd		2		\$62.04	\$0.2585	2	40	\$41.64	\$1.0410	2	40	\$41.64	\$1.0410	2	40	\$41.40	\$1.0350
Commercial (3 Ph-In - w/Demand) Commercial (3 Ph-Out - w/Demand)	EC3O	203 36		\$155,016.12 \$26,100.81	\$0.1088 \$0.1160	202	1,482,431	\$210,154.52 \$34,844.37	\$0.1418 \$0.1472	206 34	1,668,999	\$233,532.52 \$34,105.69	\$0.1399 \$0.1458	202 35	1,721,235	\$230,110.92 \$43,446.53	\$0.1337 \$0.1336
Commercial (3 Ph-In - w/Dmd.&Sub-St.C	EC3S	0		\$0.00	\$0.0000	35 0	236,708	\$0.00	\$0.0000	0	233,986	\$0.00	\$0.1458	0	325,173 0	\$0.00	\$0.1336
Commercial (3 Ph-Out - w/Dmd.&Sub-St.	E3SO	2		\$9,850.52	\$0.1011	2	92,080	\$12,385.15	\$0.1345	2	95,920	\$12,877.42	\$0.1343	2	95,040	\$12,086.52	\$0.1272
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	1,680	\$186.39	\$0.1109	1	1,880	\$302.97	\$0.1612	1	2,920	\$442.82	\$0.1517	1	3,720	\$540.68	\$0.1453
Total Commercial (3 Ph) w/Demand		242	1,748,295	\$191,153.84	\$0.1093	240	1,813,099	\$257,687.01	\$0.1421	243	2,001,825	\$280,958.45	\$0.1404	240	2,145,168	\$286,184.65	\$0.1334
Large Power (In - w/Dmd & Rct) Large Power (In - w/Dmd & Rct, w/SbCr)	EL1 EL2	24		\$211,239.44 \$3,521.66	\$0.0912 \$0.2386	24	2,603,581 11,640	\$278,445.73 \$3,855.04	\$0.1069 \$0.3312	24	2,691,282 10,560	\$281,359.90 \$3,551.30	\$0.1045 \$0.3363	24	2,891,678 10,080	\$288,723.71 \$3,092.87	\$0.0998 \$0.3068
Large Power (Out - w/Dmd & Rct)	EL10	1		\$7,195.86	\$0.1197	1	79,020	\$10,055.57	\$0.1273	1	88,200	\$10,678.79	\$0.1211	1	81,540	\$10,349.16	\$0.1269
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	2		\$31,541.15	\$0.0939	2	- ,	\$36,579.79	\$0.1137	2	289,440	\$34,015.76	\$0.1175	2	371,040	\$39,438.67	\$0.1063
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	31		\$13,566.72  \$267,064.83	\$0.1774 <b>\$0.0952</b>	31	74,354  3,090,195	\$11,227.18  \$340,163.31	\$0.1510 <b>\$0.1101</b>	31	72,057  3,151,539	\$6,521.04  \$336,126.79	\$0.0905 <b>\$0.1067</b>	31	72,814  3,427,152	\$15,752.70  \$357,357.11	\$0.2163 <b>\$0.1043</b>
Total Large Power  Industrial (In - w/Dmd & Rct, w/SbCr)	El1	2			\$0.0952	31		\$164,559.90	\$0.1101	31	1,886,459	\$168,052.86	\$0.0891	2	2,002,734		\$0.1043
Industrial (In - w/Dmd & Rct, W/SbCr)	El2	1	1,161,325	\$118,375.56 \$82,055.46	\$0.0707	1	1,754,531 1,171,773	\$101,779.84	\$0.0938	1	1,072,673	\$91,909.77	\$0.0857	1	1,124,106	\$173,767.61 \$96,558.32	\$0.0859
Total Industrial		3	2,607,089	\$200,431.02	\$0.0769	3	2,926,304	\$266,339.74	\$0.0910	3	2,959,132	\$259,962.63	\$0.0879	3	3,126,840	\$270,325.93	\$0.0865
Interdepartmental (In - No Dmd)	ED1	48		\$8,496.15	\$0.0909	51	83,410	\$9,435.99	\$0.1131	48	82,922	\$9,461.55	\$0.1141	48	82,693	\$8,991.07	\$0.1087
Interdepartmental (Out - No Dmd)	ED10	1		\$0.00	\$0.0000	1	0	\$0.00	\$0.0000	1	0	\$0.00	\$0.0000	1	0	\$0.00	\$0.0000
Interdepartmental (In - w/Dmd) Generators (JV2 Power Cost Only)	ED2 GJV2	20	258,224 16,504	\$22,859.68 \$577.14	\$0.0885 \$0.0350	20	240,885 15,706	\$26,551.76 \$646.14	\$0.1102 \$0.0411	20	237,599 14,838	\$26,426.68 \$496.78	\$0.1112 \$0.0335	20	255,310 15,380	\$27,094.63 \$602.43	\$0.1061 \$0.0392
Generators (JV5 Power Cost Only)	GJV5	1	12,836	\$448.87	\$0.0350	1	13,128	\$540.09	\$0.0411	1	12,752	\$426.94	\$0.0335	1	13,017	\$509.88	\$0.0392
Total Interdepartmental		71		\$32,381.84	\$0.0850	74		\$37,173.98	\$0.1053	71	348,111	\$36,811.95 	\$0.1057	71	366,400	\$37,198.01 	\$0.1015
SUB-TOTAL CONSUMPTION & DEMAI	ND	5,864	10,915,300	\$1,056,940.95	\$0.0968	5,864	12,088,761	\$1,408,262.90	\$0.1165	5,862	13,223,160	\$1,524,637.92 	\$0.1153	5,868	13,466,224	\$1,495,733.15 	\$0.1111
Street Lights (In)	SLO	16		\$14.20	\$0.0000	16	0	\$14.20	\$0.0000	15	0	\$13.59	\$0.0000	15	0	\$13.59	\$0.0000
Street Lights (Out)	SLOO	2		\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000
Total Street Light Only		18	0	\$14.97	\$0.0000	18		\$14.97	\$0.0000	17	0	\$14.36	\$0.0000	17	0	\$14.36	\$0.0000
TOTAL CONSUMPTION & DEMAND		5,882	, ,	\$1,056,955.92		5,882		\$1,408,277.87	\$0.1165	5,879	13,223,160	. , ,	\$0.1153	5,885	13,466,224	\$1,495,747.51	
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<b>BILLING SUMMARY AN</b>	VD CO																
APRIL, 2015 2015 - APRIL BILLING WITH MARCH 2	015 DATA																
2015 - APRIL BILLING WITH MARCH 2	UIS DATA	Oct-14				Nov-14				Dec-14				Jan-15			
Class and/or	Rate	# of	Oct-14	Oct-14	Cost / kWH	# of	Nov-14	Nov-14	Cost / kWH	# of	Dec-14	Dec-14	Cost / kWH	# of	Jan-15	Jan-15	Cost / kWH
Schedule	Code		(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month
Residential (Dom-In) Residential (Dom-In) w/Ecosmart	E1 E1E	3,335	2,677,535 7,247	\$304,687.24 \$830.56	\$0.1138 \$0.1146	3,334	1,789,710 4,548	\$174,204.06 \$451.85	\$0.0973 \$0.0994	3,346	1,886,759 4,518	\$218,367.57 \$534.82		3,341	2,090,119 4,694	\$231,507.44 \$534.93	\$0.1108 \$0.1140
Residential (Dom-In - All Electric)	E2	609	421,500	\$48,471.67	\$0.1150	607		\$31,363.88	\$0.0975	608	446,610	\$50,580.94	\$0.1133	605	626,280	\$66,980.81	\$0.1070
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	863	\$97.76	\$0.1133	1	611	\$58.65	\$0.0960	1	501	\$58.66	\$0.1171	1	486	\$55.17	\$0.1135
Total Residential (Domestic)		3,955	3,107,145	\$354,087.23	\$0.1140	3,952	2,116,605	\$206,078.44	\$0.0974	3,965	2,338,388	\$269,541.99	\$0.1153	3,957	2,721,579	\$299,078.35	\$0.1099
Residential (Rural-Out) Residential (Rural-Out) w/Ecosmart	ER1 ER1E	748 4	766,349 2,534	\$92,554.12 \$321.52	\$0.1208 \$0.1269	744 4		\$60,426.39 \$247.39	\$0.1036 \$0.1085	742 4	675,474 2,638	\$81,586.02 \$329.81	\$0.1208 \$0.1250	741 4	786,245 3,216	\$90,634.81 \$380.67	\$0.1153 \$0.1184
Residential (Rural-Out - All Electric)	ER2	387	421,393	\$50,656.05	\$0.1202	388	355,009	\$36,140.53	\$0.1018	389	449,552	\$53,244.09	\$0.1184	386	542,347	\$61,253.20	\$0.1129
Res. (Rural-Out - All Electric) w/Ecosmar		2	1,283	\$162.45	\$0.1266	2		\$123.39	\$0.1084	2		\$199.40	\$0.1220	2	2,293	\$262.79	\$0.1146
Residential (Rural-Out w/Dmd) Residential (Rural-Out - All Electric w/Dm	ER3 ER4	14	14,868 9.390	\$1,788.64 \$1,132.19	\$0.1203 \$0.1206	14 9		\$1,388.97 \$797.34	\$0.1009 \$0.1024	14 9		\$7,966.97 \$2,660.70	\$0.1113 \$0.1134	15 9		\$19,060.99 \$3,417.19	\$0.1060 \$0.1085
riesidentiai (ridiai-Odt - Ali Electric W/Dii	LITT			Ψ1,132.13	ψ0.1200		7,700	Ψ/3/.54	ψ0.1024		20,400	Ψ2,000.70	ψ0.1134			ΨΟ,Ψ17.13	ψ0.1003
Total Residential (Rural)		1,164	1,215,817	\$146,614.97	\$0.1206	1,161	963,057	\$99,124.01	\$0.1029	1,160	1,224,365	\$145,986.99	\$0.1192	1,157	1,545,474	\$175,009.65	\$0.1132
Commercial (1 Ph-In - No Dmd) Commercial (1 Ph-Out - No Dmd)	EC2 EC2O	75 43	48,119 10.065	\$7,057.84 \$1,806.88	\$0.1467 \$0.1795	73 43		\$5,519.36 \$1,415.91	\$0.1211 \$0.1609	75 42		\$6,779.56 \$1,706.71	\$0.1461 \$0.1807	74 42		\$6,546.57 \$2,302.25	\$0.1374 \$0.1523
,				\$8,864.72		116				117		\$8,486.27					
Total Commercial (1 Ph) No Dmd  Commercial (1 Ph-In - w/Demand)	EC1	118 262	<b>58,184</b> 403,598	\$8,864.72 \$57,033.37	<b>\$0.1524</b> \$0.1413	261		\$6,935.27 \$38,313.11	\$0.1276	261	· ·	\$42,288.86	<b>\$0.1520</b> \$0.1483	116 262		\$8,848.82 \$40,914.08	<b>\$0.1410</b> \$0.1367
Commercial (1 Ph-In - w/Demand) Commercial (1 Ph-Out - w/Demand)	EC10	25	32,480	\$57,033.37	\$0.1413 \$0.1454	25		\$38,313.11	\$0.1236 \$0.1194	25	32,704	\$4,693.80	\$0.1483	252	299,212 39,221	\$5,103.98	\$0.1367
Commercial (1111 Cut 1112 Cinana)	20.0			ψ1,7 ZZ.10	φοιτιστ				φοιτιστ			ψ1,000.00	φοισσ				φοιτουτ
Total Commercial (1 Ph) w/Demand		287	436,078	\$61,755.56	\$0.1416	286	343,240	\$42,298.78	\$0.1232	286	317,795	\$46,982.66	\$0.1478	287	338,433	\$46,018.06	\$0.1360
Commercial (3 Ph-Out - No Dmd)	EC4O	2	40	\$41.13	\$1.0283	2	40	\$40.09	\$1.0023	2	40	\$41.09	\$1.0273	2	15,280	\$1,848.85	\$0.1210
Total Commercial (3 Ph) No Dmd		2	40	\$41.13	\$1.0283	2	40	\$40.09	\$1.0023	2	40	\$41.09	\$1.0273	2	15,280	\$1,848.85	\$0.1210
Commercial (3 Ph-In - w/Demand)	EC3	203	1,803,964	\$230,142.91	\$0.1276	202		\$168,675.55	\$0.1017	204		\$189,828.37	\$0.1294	207	1,489,862	\$175,738.76	\$0.1180
Commercial (3 Ph-Out - w/Demand) Commercial (3 Ph-In - w/Dmd.&Sub-St.C	EC3O EC3S	36	354,180	\$44,771.59 \$0.00	\$0.1264 \$0.0000	36 0		\$32,879.46 \$0.00	\$0.1073 \$0.0000	38		\$65,067.80 \$0.00	\$0.1240 \$0.0000	39	509,276 28,920	\$60,103.49 \$3,489.22	\$0.1180 \$0.1207
Commercial (3 Ph-Out - w/Dmd.&Sub-St.C		2	113,120	\$13,494.63	\$0.0000	2		\$11,063.64	\$0.0000	3		\$18,732.40	\$0.0000	3	134,720	\$14,815.71	\$0.1207
Commercial (3 Ph-In - w/Demand, No Ta		1	3,920	\$519.83	\$0.1326	1	4,240	\$425.68	\$0.1004	1	1,720	\$251.76	\$0.1464	1	1,720	\$212.77	\$0.1237
Total Commercial (3 Ph) w/Demand		242	2,275,184	\$288,928.96	\$0.1270	241	2,089,807	\$213,044.33	\$0.1019	246	2,153,246	\$273,880.33	\$0.1272	252	2,164,498	\$254,359.95	\$0.1175
Total Commercial (3 Fil) w/Demand		242	2,273,104	\$200,920.90	\$0.1270	241	2,069,607	φ213,044.33	\$0.1019	240	2,133,240	φ213,000.33	φ0.1272	232	2,104,490	<b>\$254,559.95</b>	\$0.1175
Large Power (In - w/Dmd & Rct)	EL1	24	2,864,647	\$280,295.21	\$0.0978	24		\$200,872.89	\$0.0775	22		\$244,551.79	\$0.0985	21	2,714,966	\$260,835.25	\$0.0961
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	2	10,080	\$2,964.35	\$0.2941	2		\$2,997.45	\$0.2356	2		\$4,168.43	\$0.2331	0	0	\$0.00	\$0.0000
Large Power (Out - w/Dmd & Rct) Large Power (Out - w/Dmd & Rct, w/SbC	EL10 EL20	2	86,400 366,240	\$10,575.56 \$38,254.81	\$0.1224 \$0.1045	1 2		\$6,085.29 \$31,417.43	\$0.0966 \$0.0858	0		\$0.00 \$34,789.33	\$0.0000 \$0.1047	0	286,800	\$0.00 \$29,892.25	\$0.0000 \$0.1042
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	74,852	\$17,250.65	\$0.2305	2		\$5,616.55	\$0.0784	2		\$7,320.50	\$0.0945	2	82,105	\$7,896.64	\$0.0962
Total Large Power		31	3,402,219	\$349,340.58	\$0.1027	31	3,104,472	\$246,989.61	\$0.0796	27	2,911,451	\$290,830.05	\$0.0999	24	3,083,871	\$298,624.14	\$0.0968
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	2	1,958,328	\$164,795.31	\$0.0842	2	1,842,351	\$124,832.49	\$0.0678	2	1,875,524	\$166,544.17	\$0.0888	1	995,447	\$84,801.83	\$0.0852
Industrial (In - w/Dmd & Rct, No/SbCr)	El2	1	1,069,294	\$88,065.89	\$0.0824	1	1,004,524	\$65,444.00	\$0.0651	1	1,160,439	\$94,981.96	\$0.0819	1	1,025,085	\$83,073.20	\$0.0810
Total Industrial		3	3,027,622	\$252,861.20	\$0.0835	3	2,846,875	\$190,276.49	\$0.0668	3	3,035,963	\$261,526.13	\$0.0861	2	2,020,532	\$167,875.03	\$0.0831
Interdepartmental (In - No Dmd)	ED1	48	83,371	\$8,746.93	\$0.1049	48	87,580	\$7,416.62	\$0.0847	48	115,508	\$11,947.30	\$0.1034	48	152,891	\$14,484.81	\$0.0947
Interdepartmental (Out - No Dmd)	ED10	1	0	\$0.00	\$0.0000	1	-	\$0.00	\$0.0000	1	0	\$0.00	\$0.0000	1	0	\$0.00	\$0.0000
Interdepartmental (In - w/Dmd)	ED2	20	223,903	\$22,845.28	\$0.1020	20		\$16,419.24	\$0.0821	20		\$22,712.43	40.0001	20	1000	\$29,965.96	\$0.0926
Generators (JV2 Power Cost Only) Generators (JV5 Power Cost Only)	GJV2 GJV5	1	15,634 12,926	\$620.83 \$513.29	\$0.0397 \$0.0397	1	16,092 12,509	\$5/5./ <i>/</i> \$447.57	\$0.0358 \$0.0358	1	18,411 14,186	\$706.80 \$544.60	\$0.0384 \$0.0384	1	18,971	\$624.34 \$479.70	\$0.0329 \$0.0329
Total Interdepartmental		71	335,834	\$32,726.33		71		\$24,859.20		71		\$35,911.13		71		\$45,554.81	\$0.0893
SUB-TOTAL CONSUMPTION & DEMAI	MD	5,873	13,858,123					\$1,029,646.22		5,877		\$1,333,186.64		5,868		\$1,297,217.66	
SOB-TOTAL CONSUMPTION & DEMAI	עד		13,858,123		φυ.10/9		11,834,524	\$1,029,646.22	φυ.υο/υ		=========	\$1,333,186.64	\$0.1074		12,462,572	\$1,297,217.00	φυ. 1U4 l
	0		-	2					A				<b>A</b>				
Street Lights (In) Street Lights (Out)	SLOO SLOO	15	0	\$13.59 \$0.77	\$0.0000 \$0.0000	15 2		\$13.59 \$1.92	\$0.0000 \$0.0000	15 2	0	\$13.59 \$0.77		15	0	\$13.58 \$0.77	\$0.0000 \$0.0000
On Cot Lights (Out)	SLOO			φυ.//	ψυ.υυυυ			φ1.92 	ψυ.υυυυ		_	\$U.77	ψυ.υυυυ			φυ. <i>11</i>	ψυ.υυυ
Total Street Light Only		17	0	\$14.36	\$0.0000			\$15.51	\$0.0000	17		\$14.36	\$0.0000	17		\$14.35	\$0.0000
TOTAL CONSUMPTION & DEMAND		5,890	13,858,123	. , ,			, ,	\$1,029,661.73		5,894	, ,	\$1,333,201.00		5,885		\$1,297,232.01 	
	1			========	=====			=========	=====	_=====			=====				=====

Part	<b>BILLING SUMMARY AN</b>	ID CO	<u></u>												
Part	APRIL, 2015														
Class and/or	2015 - APRIL BILLING WITH MARCH 20	015 DATA				ļ									
Secondary   Company   Co	Olana and/an	Data		Est de	E-1-46	Onet / Island				0					
Seasonari (Connes)  ## 33-86  ## 33-															
Fig. 6 20 5 20 5 20 5 20 5 20 5 20 5 20 5 20															
Paces control (Procedure)   Procedure   Pr											, ,				
Personal Commend of Print - No Drud   Co.   Personal															
Total Residential (Domestic)  See 3 226/86			1				1							1	
Troat Presidential (Pomental)  1,369 1,320,000 1,300,007779 1,00110 1,00	rico.(Dom in 7th Lico.) w/Locomart					ψ0.1144				ψ0.1110			ψ0.1100		0.017070
Production (Fuu-Cu)  Productio	Total Residential (Domestic)			3.226.060		\$0.1118			\$367.073.52	\$0.1086		\$3.680.151.29	\$0.1120		67.2155%
	, ,						ŕ								
Friederheid Hurs-Cod v Counter   Fri   4	Residential (Rural-Out)	ER1	743	920,136	\$107,806.83	\$0.1172	744	919,993	\$105,142.88	\$0.1143	9,038,203	\$1,063,363.71	\$0.1177	744	12.6322%
Proceedings   Proceeding   Procedent   Proceeding   Proceeding   Proceeding   Proceeding   Procedent   Procedent   Procedent   Proceeding   Procedent   Procedent   Procedent   P	Residential (Rural-Out) w/Ecosmart	ER1E	4	4,010			4						\$0.1228	4	0.0680%
Proceeding   Procedure   Pro	Residential (Rural-Out - All Electric)	ER2	389	637,576	\$73,427.20	\$0.1152	388	661,524	\$74,112.64	\$0.1120	5,813,532	\$670,299.55	\$0.1153	387	6.5801%
Predoctional Plane Cut. At Electic Wild.  1.162 1.685.885 1.585.372 1.16	Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2	3,047	\$352.55	\$0.1157	2	3,211	\$361.20	\$0.1125	22,592	\$2,652.21	\$0.1174	2	0.0340%
Total Commercial (F Phin No Drint)	Residential (Rural-Out w/Dmd)	ER3	15	81,985	\$9,062.40	\$0.1105	16	34,185	\$3,784.23	\$0.1107	535,815			14	0.2435%
Total Residential (Ruray)  1,162 1,686,866 1,162 1,692 1,162 1,162 1,163	Residential (Rural-Out - All Electric w/Dm	ER4	9	12,102	\$1,410.41	\$0.1165	9	12,137	\$1,378.93	\$0.1136	157,969	\$18,041.47	\$0.1142	9	0.1529%
Commercial (1 Ph-10+ No Dmd)										<u> </u>					
Total Commercial (1 Ph) Mr Domd  110 62,788 89,0604 90,1441 114 64,394 89,044.8 80,1409 691,313 810,900.13 80,1460 119 1,957Ph  Commercial (1 Ph) Mr Domd  110 62,788 89,0604 90,1441 114 64,394 89,044.8 80,1409 691,313 810,900.13 80,1460 119 1,957Ph  Commercial (1 Ph) Mr Domd  110 62,788 89,0604 920,1441 114 64,394 89,044.8 80,1409 691,313 810,900.13 80,1460 119 1,957Ph  Commercial (1 Ph) Mr Domd  110 62,788 89,080,045 80,1390 80,1481 114 80,1390 80,1490 80,1490 81,1	Total Residential (Rural)		1,162	1,658,856	\$192,537.20	\$0.1161	1,163	1,634,006	\$185,134.13	\$0.1133	15,600,189	\$1,817,254.81	\$0.1165	1,160	19.7106%
Total Commercial (1 Ph) Mr Domd  110 62,788 89,0604 90,1441 114 64,394 89,044.8 80,1409 691,313 810,900.13 80,1460 119 1,957Ph  Commercial (1 Ph) Mr Domd  110 62,788 89,0604 90,1441 114 64,394 89,044.8 80,1409 691,313 810,900.13 80,1460 119 1,957Ph  Commercial (1 Ph) Mr Domd  110 62,788 89,0604 920,1441 114 64,394 89,044.8 80,1409 691,313 810,900.13 80,1460 119 1,957Ph  Commercial (1 Ph) Mr Domd  110 62,788 89,080,045 80,1390 80,1481 114 80,1390 80,1490 80,1490 81,1										ļ					
Total Commercial (I Phi No Dmd															1.2458%
Total Commercial (1 Ph) No Dmd	Commercial (1 Ph-Out - No Dmd)	EC2O				\$0.1699				\$0.1662	,		\$0.1669		0.7121%
Demonscial (1 Phi-1 w/Demand)													4		
Commercial (1 PP) un Demand   EC10   25   43,726   85,7381   80,1312   26   49,300   86,199.88   50,155   40,159   81,596.12   80,1390   26   0.40917	Total Commercial (1 Ph) No Dmd		116	62,788	\$9,046.04	\$0.1441	114	64,394	\$9,044.58	\$0.1405	691,313	\$100,900.13	\$0.1460	115	1.9579%
Commercial (1 PP) un Demand   EC10   25   43,726   85,7381   80,1312   26   49,300   86,199.88   50,155   40,159   81,596.12   80,1390   26   0.40917															
Total Commercial (1 Ph) w/Demand											-,,				
Total Commercial (1 Ph) w/Demand	Commercial (1 Ph-Out - w/Demand)	EC10			1 - 1	\$0.1312				\$0.1255	,		\$0.1339		0.4261%
Commercial (C) Ph.Out - No Dmoly (C4-Q) 2 11;240 \$1,405.77 \$0.1251 2 2,120 \$289.00 \$0.1363 28,840 \$4,013.51 \$0.1345 2 0.03400 \$1.00000 \$1.000000 \$1.00000 \$1.00000 \$1.00000 \$1.00000 \$1.000000 \$1.000000 \$1.00000 \$1.00000 \$1.															
Total Commercial (3 Ph) No Dmd	Total Commercial (1 Ph) w/Demand		285	362,061	\$49,968.36	\$0.1380	288	408,043	\$53,646.43	\$0.1315	4,419,210	\$615,415.23	\$0.1393	288	4.8884%
Total Commercial (3 Ph) No Dmd															
Total Commercial (3 Ph) No Dmol	Commercial (3 Ph-Out - No Dmd)	EC4O				\$0.1251				\$0.1363	,		\$0.1345	2	0.0340%
Commercial (3 Ph-D+ w/Demand)   EC3   206   1,484.549   \$179.779.52   \$0.1211   206   1,553.845   \$182.632.23   \$0.1175   18.632.988   \$2.275.10.01   \$0.1221   204   3.464.270   \$0.000000000000000000000000000000000						40.1001				4			*****		
Commercial (3 Ph-Out - w/Demand)	Total Commercial (3 Ph) No Dmd		2	11,240	\$1,405.73	\$0.1251	2	2,120	\$289.03	\$0.1363	29,840	\$4,013.51	\$0.1345	2	0.0340%
Commercial (3 Ph-Out - w/Demand)															
Commercial (3 Ph.in - wDmd & Sub-St. C.   ECS  2   35,160   \$4,378,14   \$0,1245   2   \$9,760   \$6,99,77   \$0,1171   123,840   \$14,863,33   \$0,1200   1 0,00857															
Commercial (3 Ph-Out - wDmd & Sub-St. [250]   3   142,800   \$15,978.00   5   50,1119   3   145,880   \$2,088   5   50,1011   1,146,720   \$10,053.51   \$0,1130   2   0,03989;														37	
Commercial (3 Ph. n. w/Demand, No. Tall   EG37														1	
Total Commercial (3 Ph) w/Demand			3											2	
Total Commercial (3 Ph) w/Demand	Commerciai (3 Ph-in - W/Demand, No Ta	EU31	l	,		\$0.1251		,		\$0.1217	,		\$0.1∠88	<u>'</u>	0.0170%
Large Power (In - wDmd & Ret) LEL 20 2.012.124 \$202.073.39 \$0.1004 20 2.226.845 \$211.633.90 \$0.0950 29.637.846 \$2.870.499.73 \$0.0969 22 0.38893. Large Power (In - wDmd & Ret, wSBC) EL2 1 833.540 \$696.95.03 \$0.0835 1 799.238 \$62.063.40 \$0.0817 1.882.338 \$188.712.29 \$0.0992 2 0.02839. Large Power (In - wDmd & Ret, wSBC) EL2 1 2 0.000 \$0.000 0 0 \$0.000 0 0 \$0.000 50.000 \$0.0000 50.02.300 \$89.860.31 \$0.0179 1 0.01139. Large Power (Out - wDmd & Ret, wSBC) EL20 1 200.400 \$26.226.17 \$0.1138 1 307.200 \$32.699.20 \$0.0969 3.881.760 \$400.590.25 \$0.1032 2 0.02839. Large Power (In - wDmd & Ret, wSBC) EL3 2 88.868 \$754.29 \$0.0965 2 80.065	Total Commercial (2 Ph) w/Domand					¢0 1212				¢0 1160			¢0 1217		4 15000/
Large Power (In - wDmd & Rct, wSbCr) EL2   1 833,540   \$69,65103   \$0,0855   1 799,238   \$82,083.40   \$0,0817   1.882,338   \$186,712.29   \$0,0992   2 0,0283%   1.882 power (IOu + wDmd & Rct, wSbC)   EL7   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Collinercial (3 Fil) W/Delilaliu		231	2,103,440	\$255,091.00	\$0.1212	231	2,193,333	\$250,455.45	\$0.1109	24,313,920	\$2,333,310.02	φυ.121 <i>1</i>	244	4.1300 /6
Large Power (In - wDmd & Rct, wSbCr) EL2   1 833,540   \$69,65103   \$0,0855   1 799,238   \$82,083.40   \$0,0817   1.882,338   \$186,712.29   \$0,0992   2 0,0283%   1.882 power (IOu + wDmd & Rct, wSbC)   EL7   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Large Power (In - w/Dmd & Rot)	FI 1	20	2 012 124	\$202.074.30	\$0.1004	20	2 226 845	\$211 633 00	\$0.0050	20 637 846	\$2,870,400,73	\$0.0060	23	0.3803%
Large Power (Out - wDmd & Ret, wSbC   EL3   0   0   \$0.000   \$0.0000   0   \$0.0000   \$0.0000   \$92.800   \$89.8003   \$0.1179   1   0.01139   1   1   1   1   1   1   1   1   1														20	
Large Power (Out - wDmd & Rct, wSbC)								/						1	
Large Power (In - w/Dmd & Rct, w/SbCr)   EL3   2   88.088   97.543.29   90.0856   2   88.046   \$7.302.78   \$0.0829   894.795   \$114.707.96   \$0.1282   2   0.0340%														2	
Total Large Power 24 3,164,152 \$305,478.88 \$0.0965 24 3,411,329 \$313,659.28 \$0.0919 36,889,119 \$36,842,289.54 \$0.0987 29 0.4912% industrial (in - wDmd & Rct, w/SbCr) EII 1 847,503 \$79,203.45 \$0.0955 1 1,123,360 \$91,332.81 \$0.0813 18,373,793 \$1,586,067.23 \$0.0863 2 0.0297% industrial (in - wDmd & Rct, N/SbCr) EI2 1 1,013,882 \$84,741.29 \$0.0856 1 1,101,193 \$88,302.30 \$0.0002 13,074,943 \$1,050,879.11 \$0.0004 1 1 0.0170% industrial (in - wDmd) EI2 1 1,861,385 \$163,944.74 \$0.0881 2 2,224,553 \$179,635.11 \$0.0808 31,448,736 \$2,636,947.04 \$0.0838 3 0.0467% interdepartmental (in - NO Dmd) ED1 48 168,336 \$16,498.89 \$0.0980 48 174,867 \$16,615.11 \$0.0950 1,473,243 \$142,028.30 \$0.0988 48 0.8197% interdepartmental (in - WDmd) ED1 1 0 \$0.00 \$0.0000 1 0 \$0.0000 201 \$21.39 \$0.1064 1 0.0170% interdepartmental (in - WDmd) ED2 20 366,684 \$35,085.73 \$0.0957 20 374,462 \$34,779.41 \$0.0929 3,338.499 \$328,189.97 \$0.0970 20 0.3398% interdepartmental (in - WDmd) ED2 20 366,684 \$35,085.73 \$0.0957 20 374,462 \$34,779.41 \$0.0929 3,338.499 \$328,189.97 \$0.0970 20 0.3398% interdepartmental (in - WDmd) ED2 20 366,684 \$35,085.73 \$0.0957 20 374,462 \$34,779.41 \$0.0929 3,338.499 \$328,189.97 \$0.0970 20 0.3398% interdepartmental (in - WDmd) ED2 20 366,684 \$35,085.73 \$0.0957 20 \$374,462 \$34,779.41 \$0.0929 3,338.499 \$328,189.97 \$0.0970 20 0.3398% interdepartmental (in - WDmd) ED2 20 366,684 \$35,085.73 \$0.0957 20 \$374,462 \$34,779.41 \$0.0929 \$3,383.499 \$328,189.97 \$0.0970 20 0.3398% interdepartmental (in - WDmd) ED2 20 366,684 \$35,085.73 \$0.0957 20 \$374,462 \$34,779.41 \$0.0929 \$3,383.499 \$328,189.97 \$0.0970 20 0.3398% interdepartmental (in - WDmd) ED2 20 366,684 \$35,085.73 \$0.0957 20 \$374,462 \$34,779.41 \$0.0929 \$3,383.499 \$328,189.97 \$0.0970 20 0.3398% interdepartmental (in - WDmd) ED2 20 366,684 \$35,085.73 \$0.0957 20 \$374,462 \$34,779.41 \$0.0929 \$3,383.499 \$328,189.97 \$0.0970 20 0.3398% interdepartmental (in - WDmd) ED2 20 366,684 \$35,085.73 \$0.0957 20 \$374,462 \$34,779.41 \$0.0929 \$3,383.499 \$328,199.73 \$0.0970 20 0.3398% interdepartmental (in - WDmd) ED2 2														2	
Industrial (In - w/Dmd & Rct, w/SbCr)						Ţ0.0000		,		\$0.0020			Ţ0 <u>L</u> 0L		2.00.070
Industrial (In - w/Dmd & Rct, w/SbCr)	Total Large Power		24	3,164,152	\$305,478.88	\$0.0965	24	3,411,329	\$313,659.28	\$0.0919	36,889,119	\$3,642,289.54	\$0.0987	29	0.4912%
Industrial (In - w/Dmd & Rct, No/SbCr)			1	, , , , , , , , , , , , , , , , , , , ,	,			, ,:==	,		.,,	. , ,			, ,
Industrial (In - w/Dmd & Rct, No/SbCr)	Industrial (In - w/Dmd & Rct, w/SbCr)	El1	1	847,503	\$79,203.45	\$0.0935	1	1,123,360	\$91,332.81	\$0.0813	18,373,793	\$1,586,067.23	\$0.0863	2	0.0297%
Total Industrial 2 1,861,885 \$163,944.74 \$0.0881 2 2,224,553 \$179,635.11 \$0.0808 31,448,736 \$2,636,947.04 \$0.0838 3 0.0467% interdepartmental (In - No Dmd) ED1 48 168,336 \$16,489.89 \$0.0980 48 174,867 \$16,615.11 \$0.0950 1,437,243 \$142,028.30 \$0.0988 48 0.8197% interdepartmental (In - WDmd) ED1 1 0 \$0.000 \$0.0000 1 0 \$0.000 \$0.0000 201 \$21.39 \$0.1064 1 0.0170% interdepartmental (In - WDmd) ED2 20 366,864 \$35,085.73 \$0.0957 20 374,462 \$34,779.41 \$0.0929 3,383,499 \$3228,189.97 \$0.0970 20 0.3398% Generators (JV2 Power Cost Only) GJV2 1 21,158 \$710,91 \$0.0336 1 24,620 \$1,085.50 \$0.0441 216,649 \$8,919.88 \$0.0412 1 0.0170% Generators (JV5 Power Cost Only) GJV5 1 17,958 \$603.39 \$0.0336 1 18,650 \$822.28 \$0.0441 216,649 \$8,919.88 \$0.0412 1 0.0170% Generators (JV5 Power Cost Only) GJV5 1 17,958 \$603.39 \$0.0336 1 18,650 \$822.28 \$0.0441 172,350 \$7,055.00 \$0.0409 1 0.0170% Generators (JV5 Power Cost Only) GJV5 1 17,958 \$603.39 \$0.0036 1 18,650 \$822.28 \$0.0441 172,350 \$7,055.00 \$0.0409 1 0.0170% Generators (JV5 Power Cost Only) GJV5 1 17,958 \$603.39 \$0.0036 1 18,650 \$822.28 \$0.0441 172,350 \$7,055.00 \$0.0409 1 0.0170% Generators (JV5 Power Cost Only) GJV5 1 17,958 \$603.39 \$0.0036 1 18,650 \$822.28 \$0.0441 172,350 \$7,055.00 \$0.0409 1 0.0170% Generators (JV5 Power Cost Only) GJV5 1 17,958 \$603.39 \$0.0036 1 18,650 \$822.28 \$0.0441 172,350 \$7,055.00 \$0.0409 1 0.0170% Generators (JV5 Power Cost Only) GJV5 Power Cost Only GJV5 Power Cost			1				1							1	0.0170%
Interdepartmental (in - No Dmd)															
Interdepartmental (Out - No Dmd)	Total Industrial		2	1,861,385	\$163,944.74	\$0.0881	2	2,224,553	\$179,635.11	\$0.0808	31,448,736	\$2,636,947.04	\$0.0838	3	0.0467%
Interdepartmental (Out - No Dmd)															
Interdepartmental (In - w/Dmd)			48	168,336										48	0.8197%
Comparison   Com				0										1	0.0170%
Comparison of Control of Contro	Interdepartmental (In - w/Dmd)														
Total Interdepartmental 71 574,136 \$52,889.92 \$0.0921 71 592,599 \$53,302.30 \$0.0899 5,209,942 \$486,214.54 \$0.0933 71 1.2104%  SUB-TOTAL CONSUMPTION & DEMAND 5,876 13,026,124 \$1,391,020.32 \$0.1068 5,870 13,911,892 \$1,418,237.81 \$0.1019 151,455,940 \$15,942,696.91 \$0.1053 5,869 99.7055%  Street Lights (In) SLO 15 0 \$13.58 \$0.0000 15 0 \$13.59 \$0.0000 0 \$165.50 \$0.0000 15 0.2605%  Street Lights (Out) SLOO 2 0 \$0.77 \$0.0000 2 0 \$0.77 \$0.0000 0 \$10.39 \$0.0000 17 0 \$14.35 \$0.0000 17 0 \$14.36 \$0.0000 0 \$175.89 \$0.0000 17 0.2945%  Total Street Light Only 5,893 13,026,124 \$1,391,034.67 \$0.1068 5,887 13,911,892 \$1,418,252.17 \$0.1019 151,455,940 \$15,942,872.80 \$0.1053 5,886 100.0000%	Generators (JV2 Power Cost Only)		1	,										1	0.0170%
Total Interdepartmental 71 574,136 \$52,889.92 \$0.0921 71 592,599 \$53,302.30 \$0.0899 5,209,942 \$486,214.54 \$0.0933 71 1.2104%  SUB-TOTAL CONSUMPTION & DEMAND 5,876 13,026,124 \$1,391,020.32 \$0.1068 5,870 13,911,892 \$1,418,237.81 \$0.1019 151,455,940 \$15,942,696.91 \$0.1053 5,869 99.7055%  Street Lights (In) SLO 15 0 \$13.58 \$0.0000 15 0 \$13.58 \$0.0000 2 0 \$0.77 \$0.0000 2 0 \$0.77 \$0.0000 0 \$165.50 \$0.0000 15 0.2605%  Street Lights (Out) SLOO 2 0 \$0.77 \$0.0000 2 0 \$0.77 \$0.0000 0 \$10.39 \$0.0000 2 0.0340%  Total Street Light Only 17 0 \$14.35 \$0.0000 17 0 \$14.36 \$0.0000 0 \$175.89 \$0.0000 17 0.2945%  TOTAL CONSUMPTION & DEMAND 5,893 13,026,124 \$1,391,034.67 \$0.1068 5,887 13,911,892 \$1,418,252.17 \$0.1019 151,455,940 \$15,942,872.80 \$0.1053 5,886 100.0000%	Generators (JV5 Power Cost Only)	GJV5	1	17,958	\$603.39	\$0.0336	1	18,650	\$822.28	\$0.0441	172,350	\$7,055.00	\$0.0409	1	0.0170%
SUB-TOTAL CONSUMPTION & DEMAND 5,876 13,026,124 \$1,391,020.32 \$0.1068 5,870 13,911,892 \$1,418,237.81 \$0.1019 151,455,940 \$15,942,696.91 \$0.1053 5,869 99.7055%															
SUB-TOTAL CONSUMPTION & DEMAND 5,876 13,026,124 \$1,391,020.32 \$0.1068 5,870 13,911,892 \$1,418,237.81 \$0.1019 151,455,940 \$15,942,696.91 \$0.1053 5,869 99.7055%	Total Interdepartmental			574,136	\$52,889.92	\$0.0921			\$53,302.30	\$0.0899	5,209,942	\$486,214.54	\$0.0933		1.2104%
Street Lights (In)  SLO 15 0 \$13.58 \$0.0000 15 0 \$13.59 \$0.0000 0 \$165.50 \$0.0000 15 0.2605% Street Lights (Out)  SLOO 2 0 \$0.77 \$0.0000 2 0 \$0.77 \$0.0000 0 \$10.39 \$0.0000 2 0.340%  Total Street Light Only  17 0 \$14.35 \$0.0000 17 0 \$14.36 \$0.0000 0 \$175.89 \$0.0000 17 0.2945%  TOTAL CONSUMPTION & DEMAND  5,893 13,026,124 \$1,391,034.67 \$0.1068 5,887 13,911,892 \$1,418,252.17 \$0.1019 151,455,940 \$15,942,872.80 \$0.1053 5,886 100.0000%	OUR TOTAL CONCUERTANCE F	in.		40.000.00	A4 00 / 000	00.1000			A. 4.0 000 0	40.10	482.488.200	A4E 0.0 000 7	40.10		00
Street Lights (In) SLO 15 0 \$13.58 \$0.000 15 0 \$13.59 \$0.000 0 \$165.50 \$0.0000 15 0.2605% Street Lights (Out) SLOO 2 0 \$0.77 \$0.000 2 0 \$0.77 \$0.000 0 \$103.9 \$0.0000 2 0.0340% Total Street Light Only 17 0 \$14.35 \$0.0000 17 0 \$14.36 \$0.0000 0 \$175.89 \$0.0000 17 0.2945% TOTAL CONSUMPTION & DEMAND 5,893 13,026,124 \$1,391,034.67 \$0.1068 5,887 13,911,892 \$1,418,252.17 \$0.1019 151,455,940 \$15,942,872.80 \$0.1053 5,886 100.0000%	SUB-101AL CONSUMPTION & DEMAN	עוע			- , ,	\$0.1068	-			\$0.1019			\$0.1053	5,869	99.7055%
Street Lights (Out) SLOO 2 0 \$0.77 \$0.0000 2 0 \$0.77 \$0.0000 0 \$10.39 \$0.0000 2 0.0340%  Total Street Light Only 17 0 \$14.35 \$0.0000 17 0 \$14.36 \$0.0000 0 \$175.89 \$0.0000 17 0.2945%  TOTAL CONSUMPTION & DEMAND 5,893 13,026,124 \$1,391,034.67 \$0.1068 5,887 13,911,892 \$1,418,252.17 \$0.1019 151,455,940 \$15,942,872.80 \$0.1053 5,886 100.0000%			1		=========	<b> </b>			=========	<b> </b>		=========		<b></b>	
Street Lights (Out) SLOO 2 0 \$0.77 \$0.0000 2 0 \$0.77 \$0.0000 0 \$10.39 \$0.0000 2 0.0340%  Total Street Light Only 17 0 \$14.35 \$0.0000 17 0 \$14.36 \$0.0000 0 \$175.89 \$0.0000 17 0.2945%  TOTAL CONSUMPTION & DEMAND 5,893 13,026,124 \$1,391,034.67 \$0.1068 5,887 13,911,892 \$1,418,252.17 \$0.1019 151,455,940 \$15,942,872.80 \$0.1053 5,886 100.0000%	Charact Limbte (In)	01.0		_	010 =0	<b>#0.000</b>			010 =0	<b>#0.000</b>	_	A10F ==	<b>#0.00</b>		0.0005-1
Total Street Light Only 17 0 \$14.35 \$0.0000 17 0 \$14.36 \$0.0000 0 \$175.89 \$0.0000 17 0.2945%  TOTAL CONSUMPTION & DEMAND 5,893 13,026,124 \$1,391,034.67 \$0.1068 5,887 13,911,892 \$1,418,252.17 \$0.1019 151,455,940 \$15,942,872.80 \$0.1053 5,886 100.0000%														15	
Total Street Light Only 17 0 \$14.35 \$0.0000 17 0 \$14.36 \$0.0000 0 \$175.89 \$0.0000 17 0.2945%  TOTAL CONSUMPTION & DEMAND 5,893 13,026,124 \$1,391,034.67 \$0.1068 5,887 13,911,892 \$1,418,252.17 \$0.1019 151,455,940 \$15,942,872.80 \$0.1053 5,886 100.0000%	Street Lights (Out)	SLUU				φυ.υυ00				φυ.υυ00			φυ.υυ00	2	0.0340%
TOTAL CONSUMPTION & DEMAND 5,893 13,026,124 \$1,391,034.67 \$0.1068 5,887 13,911,892 \$1,418,252.17 \$0.1019 151,455,940 \$15,942,872.80 \$0.1053 5,886 100.0000%	Total Street Light Calv					<b>\$0,000</b>				<b>\$0,000</b>			<b>¢0 0000</b>		0.00450/
TOTAL CONSUMPTION & DEMAND 5,893 13,026,124 \$1,391,034.67 \$0.1068 5,887 13,911,892 \$1,418,252.17 \$0.1019 151,455,940 \$15,942,872.80 \$0.1053 5,886 100.0000%	Total Street Light Only			U	\$14.35	φυ.υυ00		U	\$14.36	φυ.υυ00			φυ.υυ00		0.2945%
	TOTAL CONSUMPTION & DEMAND			13 026 124	\$1 301 03/167	\$0.1060		13 011 802	\$1 418 252 17	\$0.1010			\$0 10E2		100 0000%
	TOTAL CONSONIF HON & DEMAND			, ,											100.0000%
						=====				=====		=========		_=====	



#### RATE REVIEW COMPARISONS - Current to Prior Month and Prior Year

2015 APRIL - ELECTRIC PSCA	F - BILL	ING COM	<b>IPARISIONS</b>	TO PRIOR P	ERIODS								
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	April	March	April	Service		April	March	April			
Customer Type	<u>Usage</u>	<u>Units</u>	2015 Rate	2015 Rate	2014 Rate	<u>Usage</u>	<u>Units</u>	2015 Rate	2015 Rate	2014 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	\$16.53			\$33.39	\$33.39	\$33.39			
Distribution Demand Charge													
Power Supply Energy Charge	978	kWh	\$71.20	\$71.20	\$65.53	1,976	kWh	\$143.85	\$143.85	\$132.39			
Power Supply Demand Charge													
PSCAF - Monthly Factor	978	kWh	\$0.05	\$2.65	\$0.00	1,976	kWh	\$0.10	\$5.35	\$0.00			
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			\$102.73	\$105.33	\$92.61			\$192.53	<i>\$197.78</i>	\$180.97			
Water	6	CCF	\$41.37	\$41.37	\$39.57	11	CCF	\$66.37	\$66.37	\$63.07			
Sewer (w/Stm.Sew. & Lat.)	6	CCF	\$64.63	\$64.63	\$54.58	11	CCF	\$90.08	\$90.08	\$76.78			
Storm Water (Rate/ERU)	<u>-</u>		\$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			
		_						<b></b>					
Sub-Other Services			\$133.50	\$133.50	\$121.65			\$183.95	\$183.95	\$167.35			
		_						7100100					
Total Billing - All Services			\$236.23	\$238.83	\$214.26			\$376.48	\$381.73	\$348.32			
Verification Totals->			\$236.23	\$238.83	\$214.26			\$376.48	\$381.73	\$348.32			
				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				-\$2.60	\$21.97				-\$5.25	\$28.16			
% Inc/Dec(-) to Prior Periods				-1.09%	10.25%				-1.38%	8.08%			
=========	=====	=====	======	=======	=======	<u> </u>	=====	======	=======	=======			
Cost/kWH - Electric	978	kWh	\$0.10504	\$0.10770	\$0.09469	1,976	kWh	\$0.09743	\$0.10009	\$0.09158			
% Inc/Dec(-) to Prior Periods	570	IV 4411	ψυ.10004	-2.47%	10.93%	1,370	IV AA 11	ψυ.υστ 40	-2.66%	6.39%			
75 11.0/200( ) to 1 Hor 1 chous				L. 70	10.5576	1			2.0076	0.00 /6			
Cost/CCF - Water	6	CCF	\$6.89500	\$6.89500	\$6.59500	2	CCF	\$33.18500	\$33.18500	\$31.53500			
Cost/GALLONS - Water	4,488	GAL	\$0.00922	\$0.00922	\$0.00882	1,496	GAL	\$0.04436	\$0.04436	\$0.04216			
% Inc/Dec(-) to Prior Periods	.,		Ψ0.00022	0.00%	4.55%	1,130		\$3.3.100	0.00%	5.23%			
( /				2.2270	110070				2.2270	2:=270			
Cost/CCF - Sewer	6	CCF	\$10.77167	\$10.77167	\$9.09667	2	CCF	\$45.04000	\$45.04000	\$38.39000			
Cost/GALLON - Sewer	4,488	GAL	\$0.01440	\$0.01440	\$0.01216	1,496	GAL	\$0.06021	\$0.06021	\$0.05132			
% Inc/Dec(-) to Prior Periods	,		Ţ 1.0 · · · / ·	0.00%	18.41%	,		,	0.00%	17.32%			
(Listed Accounts Assume SAME USA)	GE for KIME	l and Wata	r (CCE) for All I	Rilling Periods)									
(One "1" Unit CCF of Water = "Hundre				Jiiii g F ellous)									
<u> Tone i dilil Gor di waler = Hundre</u>	u Cubic Fo	υι = /48 C	aailUHS <u>)</u>										

#### RATE REVIEW COMPARISONS - Current to Prior Month and Prior Year

2015 APRIL - ELECTRIC PSCA													
Rate Comparisons to Prior Month a													
Trate Comparisons to Frior Month at			Current	Prior Month	Prior Year			Current	Prior Month	Prior Year			
	Service	Service	April	March	April	Service	Service	April	March	April			
Customer Type	Usage	Units	2015 Rate	2015 Rate	2014 Rate	Usage	Units	2015 Rate	2015 Rate	2014 Rate			
Oustomer Type	<u> </u>	<u>Offits</u>	<u> 2013 Hate</u>	<u>2013 Hate</u>	<u> 2014 Hate</u>	<u>osage</u>	Office	<u>zoro mate</u>	<u>2013 Hate</u>	<u> 2014 Hate</u>			
Customer Type ->	CC	OMMERC	IAL USER - I	∕3 Phase w/De	mand)	INDUSTRIAL USER - (3 Phase w/Demand)							
Customer Charge		·····	\$18.00	\$18.00	\$18.00	<del></del>		\$100.00	\$100.00	\$100.00			
Distribution Energy Charge	7,040	kWh	\$38.02	\$38.02	\$0.00	98,748	Reactive	\$2,303.85	\$2,303.85	\$0.00			
Distribution Demand Charge		kW/Dmd	\$92.86	\$92.86	\$92.86	1510.1	kW/Dmd	\$8,215.30	\$8,215.30	\$7,279.05			
Power Supply Energy Charge	7,040		\$623.04	\$623.04	\$525.89	866,108	kWh	\$39,165.42	\$39,165.42	\$0.00			
Power Supply Demand Charge	1,010		φο20.0 .	Ψ020.0 .	ψ020.00	300,100		\$15,296.55	\$15,296.55	\$14,874.58			
PSCAF - Monthly Factor	7,040	kWh	\$0.35	\$19.08	\$0.00			\$41.14	\$2,229.80	\$34,771.65			
kWH Tax- Level 1	1,010		\$9.66	\$9.66	\$9.66			\$9.66	\$9.66	\$9.66			
kWH Tax- Level 2			\$20.80	\$20.80	\$20.80	1		\$56.24	\$56.24	\$56.24			
kWH Tax- Level 3			Ψ20.00	Ψ20.00	Ψ20.00	1		\$3,087.71	\$3,087.71	\$3,087.71			
THE POTOTO		_						ψ5,557.71	ΨΟ,ΟΟ7.71				
Total Electric			\$802.73	\$821.46	\$667.21			\$68,275.87	\$70,464.53	\$60,178.89			
			70020	ÇGZ II TO	<b>V</b>			<del>400,</del> 270.01	<i>ϕ1 0,10 1100</i>	<del>400,110.00</del>			
Water	25	CCF	\$133.57	\$133.57	\$126.07	300	CCF	\$1,510.51	\$1,510.51	\$1,420.51			
Sewer (w/Stm.Sew. & Lat.)	25	CCF	\$162.74	\$162.74	\$138.94	300	CCF	\$1,562.49	\$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			\$310.81	\$310.81	\$279.51			\$3,408.00	\$3,408.00	\$3,115.45			
		-											
Total Billing - All Services			\$1,113.54	\$1,132.27	<i>\$946.72</i>			\$71,683.87	\$73,872.53	\$63,294.34			
Verification Totals->			\$1,113.54	\$1,132.27	\$946.72			\$71,683.87	\$73,872.53	\$63,294.34			
				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				-\$18.73	\$166.82				-\$2,188.66	\$8,389.53			
% Inc/Dec(-) to Prior Periods				-1.65%	17.62%				-2.96%	13.25%			
	=====	=====	======	=======	=======	= = = = =	=====	======	======	======			
Cost/kWH - Electric	7,040	kWh	\$0.11402	\$0.11668	\$0.09477	866,108	kWh	\$0.07883	\$0.08136	\$0.06948			
% Inc/Dec(-) to Prior Periods	1,040	VAAII	φυ.11402	-2.28%	20.31%	000,100	VAAII	φυ.υ/ 003	-3.11%	13.46%			
70 IIIG/Dec(-) to 1 Hot Fellous				-2.20/0	20.3176				-3.11%	13.40 /			
Cost/CCF - Water	6	CCF	\$22.26167	\$22.26167	\$21.01167	250	CCF	\$6.04204	\$6.04204	\$5.68204			
Cost/GALLONS - Water	4,488	GAL	\$0.02976	\$0.02976	\$0.02809	187,000	GAL	\$0.00808	\$0.00808	\$0.00760			
% Inc/Dec(-) to Prior Periods	7,700	VAL	ψ0.02070	0.00%	5.95%	107,000	MAL	ψυ.υυυυ	0.00%	6.34%			
70 morbeo(-) to i noi i enods				0.00 /8	3.33 /6	1			0.00 /6	0.04 /6			
Cost/CCF - Sewer	6	CCF	\$27.12333	\$27.12333	\$23.15667	250	CCF	\$6.24996	\$6.24996	\$5.43976			
Cost/GALLON - Sewer	4,488	GAL	\$0.03626	\$0.03626	\$0.03096	187,000	GAL	\$0.00836	\$0.00836	\$0.00727			
% Inc/Dec(-) to Prior Periods	., 100	₩.~\ <b>L</b>	ψ0.00020	0.00%	17.13%	10.,000	<b>₩</b>	ψ0.00000	0.00%	14.89%			
,				0.0076	17.1070				0.0076	17.00/0			
(Listed Accounts Assume SAME USA)	<u> </u> (												
(One "1" Unit CCF of Water = "Hundre													
						1							

# Electric Department Report March 2015

There were 12 callout/outages during the month of March. Three outages were due to faulty transformers. One outage was due to a broken line fuse. One outage was a limb falling on a secondary house drop. One outage was due to an animal that blew a fuse. One callout was to disconnect power for a house fire. One callout was due to a faulty neutral wire on the secondary service. One callout was found to be customer owned equipment. One callout was to inspect a pole damaged in an accident. One callout was to pull a cutout on a faulted capacitor. One callout was due to a tree well downtown arcing.

Line Department/Service Truck: Line crews installed a transformer, primary underground and completed primary terminations for the new Napoleon elementary school. Crews worked on a line rebuild on Co. Rd. 12 south of Rd. O and replaced a pole on Rd. S hit by a car.. Crews attended safety classes and performed maintenance and inventory checks on their trucks. Crews performed shut offs for utility billing. Crews replaced Buck arms on Co. Rd. 424 West. Crews also worked on a line extension on Route 6 and replaced a 3 phase pole on Westmoreland. Crews removed and replaced a pole and capacitor bank on Scott Street. Crews repaired metering wire for a customer on Enterprise. Crews replaced aluminum Pedestrian Signal base on NE corner of Scott and Washington. Crews set a 30' pole in back yard at 900 West Riverview with our back lot machine. The Service Truck completed locates and work orders and helped line crews as needed.

**Substation Department:** Todd and Nikk performed testing on substation and distribution equipment They completed reports and also performed monthly inspections and routine maintenance at all substations

**Forestry Department:** Jamie and Jerry trimmed trees on Glenwood and Road 14 North of Road R. They also attended safety classes. Jamie and Jerry also helped line crews as needed.

**Storeroom/Inventory/Metering Department:** Shawn Druhot read meters, counted and ordered inventory and attended safety meetings. Shawn also helped crews as needed.

The Peak Load for March, 2015 was 23.31 MW occurring on the 6<sup>th</sup> at 8:30 AM. This was an increase of .38 MW from March, 2014. The average load for March, 2015 was 18.05 MW. This was an increase of .03 MW compared to March 2014. JV 2 and JV 5 ran for testing on 03/17/15 and produced 5.4 MW each. The gas turbines did not run. The AMP Solar Field showed a peak of 3.76 MW and the KWH output was 514,480.25.

04/08/15 DPC

## City of Napoleon, Ohio



### SUMMARY OF MARCH 2015 OUTAGE/STANDBY CALL-OUTS

#### March 2, 2015:

Electric personnel were dispatched at 8:41 p.m. to 15978 County Road V due to a power outage. The outage lasted forty minutes and affected one customer. The outage was due to a line fuse that broke. The personnel replaced the fuse.

#### March 4, 2015:

Electric personnel were dispatched by City Hall at 3:15 p.m. to 15978 County Road V due to a power outage. The outage lasted one hour and fifteen minutes and affected one customer. The outage was due to a bad transformer. The personnel replaced the transformer.

#### March 4, 2015:

Electric personnel were dispatched at 8:23 p.m. to Glenwood Estates to disconnect power to a home due to a fire.

#### March 8, 2015:

Electric personnel were dispatched at 4:28 a.m. to County Road S east of Route 6 due to a car that had an accident and hit an electric pole. The personnel inspected the pole and it needed replaced.

#### March 9, 2015:

Electric personnel were dispatched at 11:30 p.m. to Vincennes Dr. due to a power outage. The outage lasted three and a half hours and affected twenty four customers. The outage was due to a bad transformer. The personnel replaced the transformer.

#### March 11, 2015:

Electric personnel were dispatched by Karen at 2:30 p.m. to 11-365 County Road S1 due to a power outage. The outage lasted one hour and affected one customer. The outage was due to a tree branch that was hanging on the electric wires. The personnel removed the tree branch and fixed the secondary service.

#### March 11, 2015:

Electric personnel were dispatched at 5:15 p.m. to 212 Thomas Ave. due to a power outage. The outage was the customer's problem.

#### March 15, 2015:

Electric personnel were dispatched at 3:30 a.m. to 12-058 County Road U due to a power outage. The outage lasted one hour and thirty minutes and affected two customers. The outage was due to an animal that got into the power lines and blew a fuse. The personnel replaced the fuse.

#### March 21, 2015:

Electric personnel were dispatched at 10:45 a.m. to County Road U & 16 (St. John's Lutheran Church) due to flickering lights. The personnel replaced the neutral between the weather head and the line feed.

#### March 25, 2015:

Electric personnel were dispatched at 5:36 a.m. to Scott St. and pulled a cut out on a faulted capacitor.

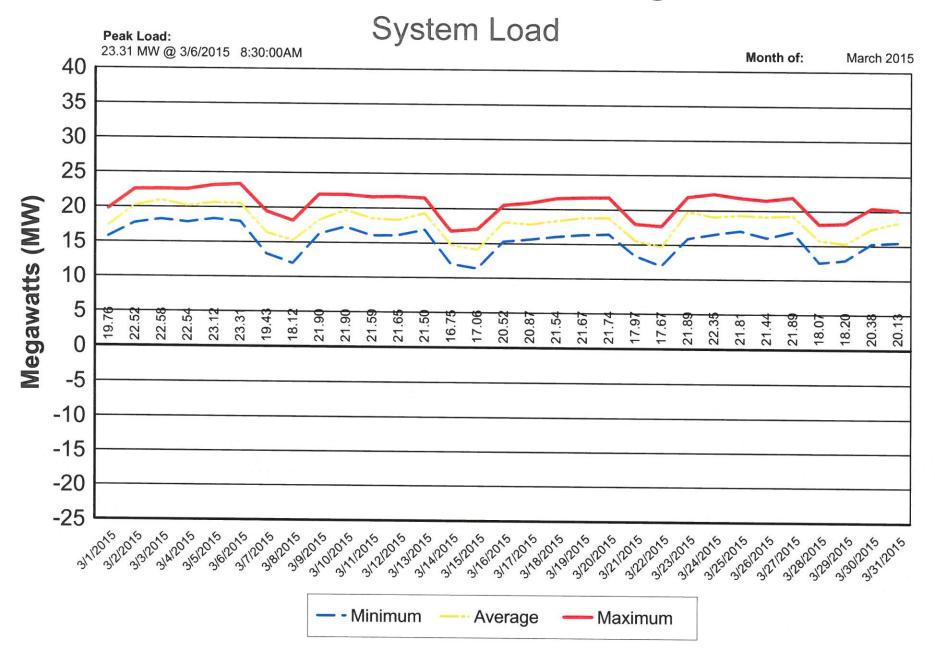
#### March 30, 2015:

Electric personnel were dispatched at 7:39 a.m. to 12450 County Road P due to a power outage. The outage lasted two hours and affected three customers. The outage was due to a faulty transformer and the personnel replaced the transformer.

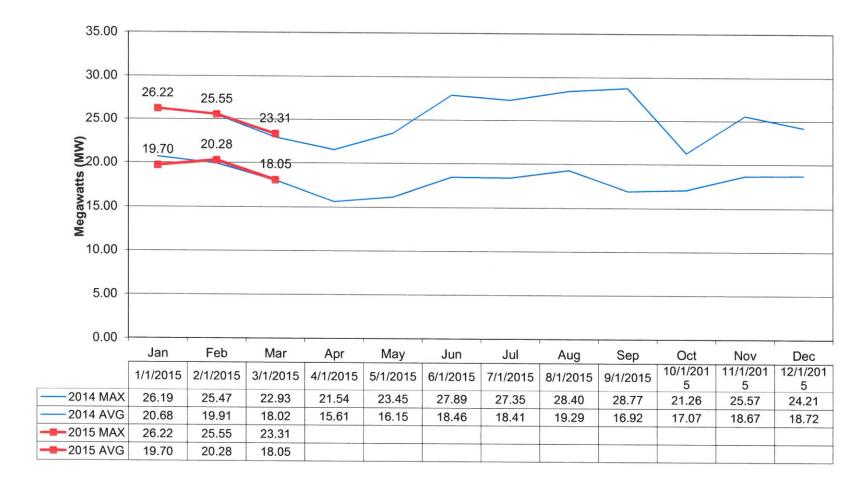
#### March 30, 2015:

Electric personnel were dispatched at 9:30 p.m. to 126 W. Washington St. due to an outlet in a tree well that was sparking. The personnel de-energized the circuit & removed the outlet.

# Napoleon Power & Light



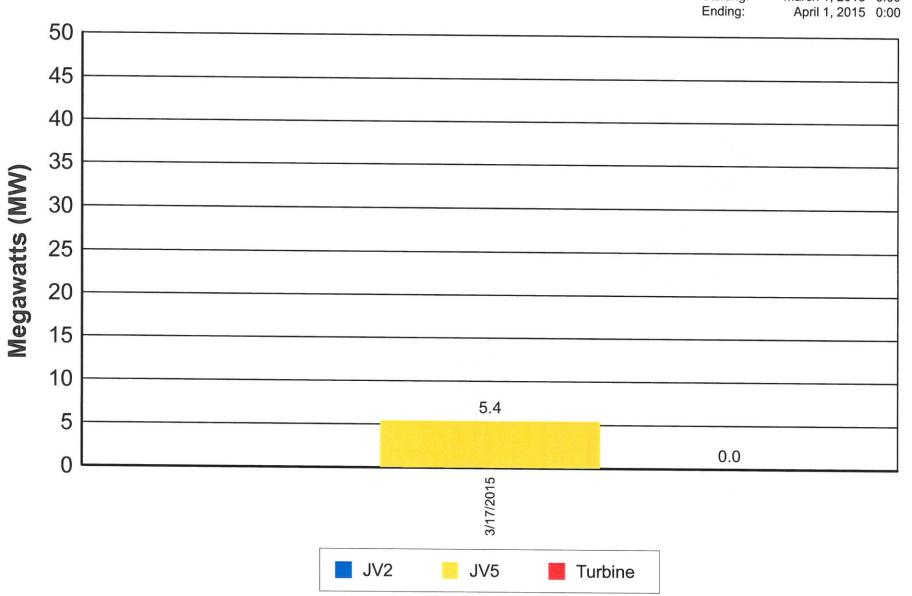
### **NAPOLEON POWER & LIGHT**

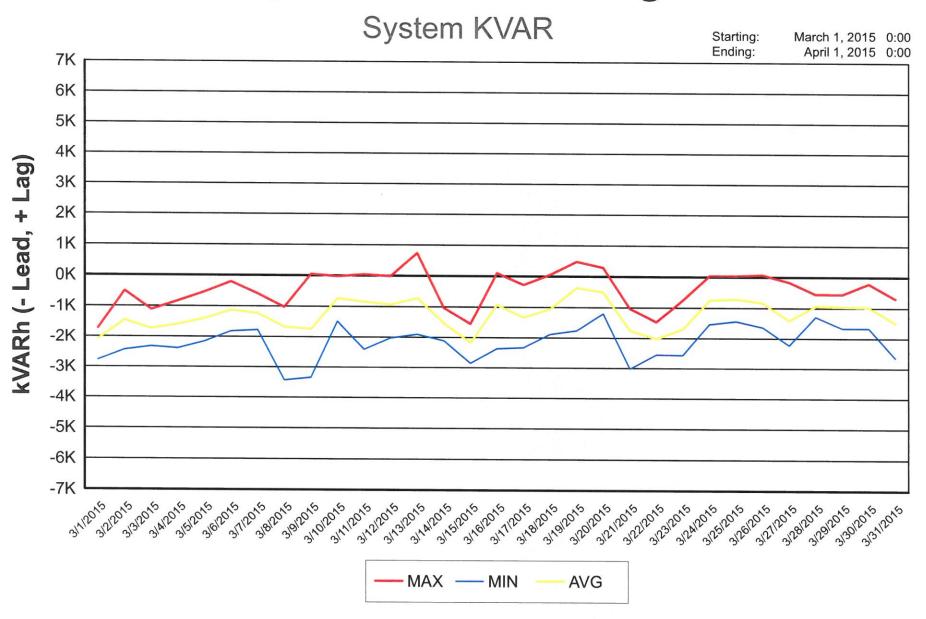


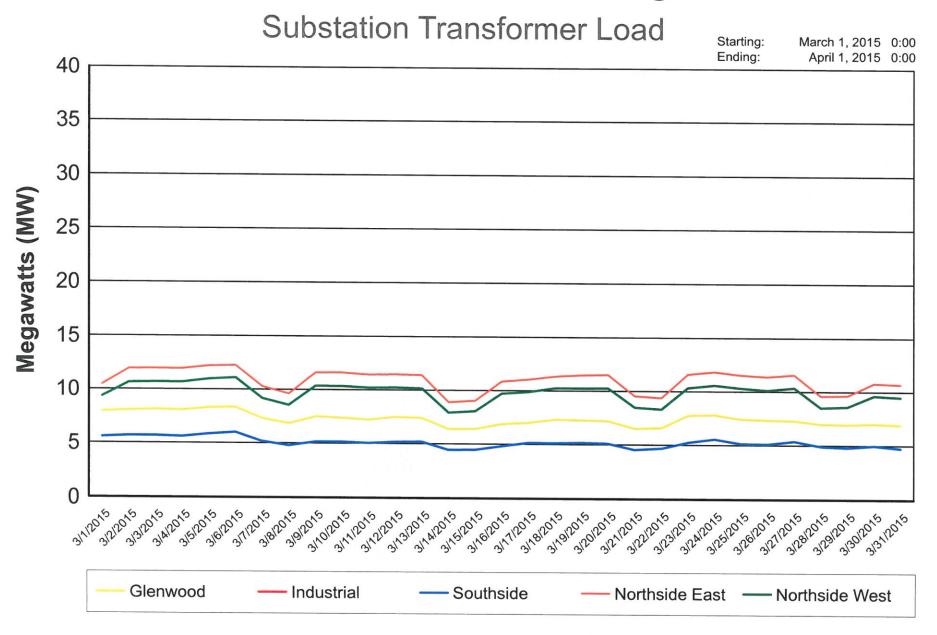


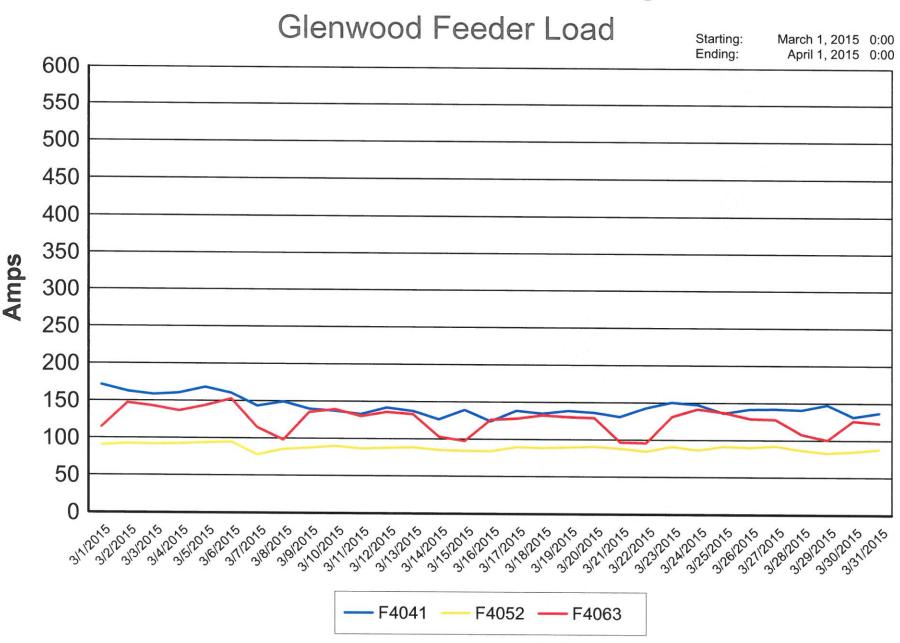


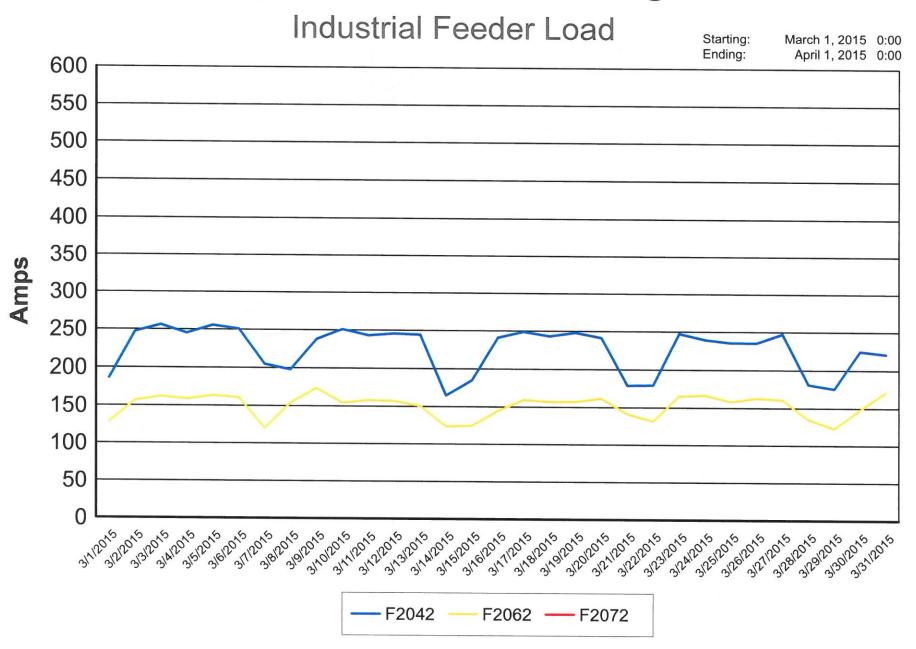
March 1, 2015 0:00

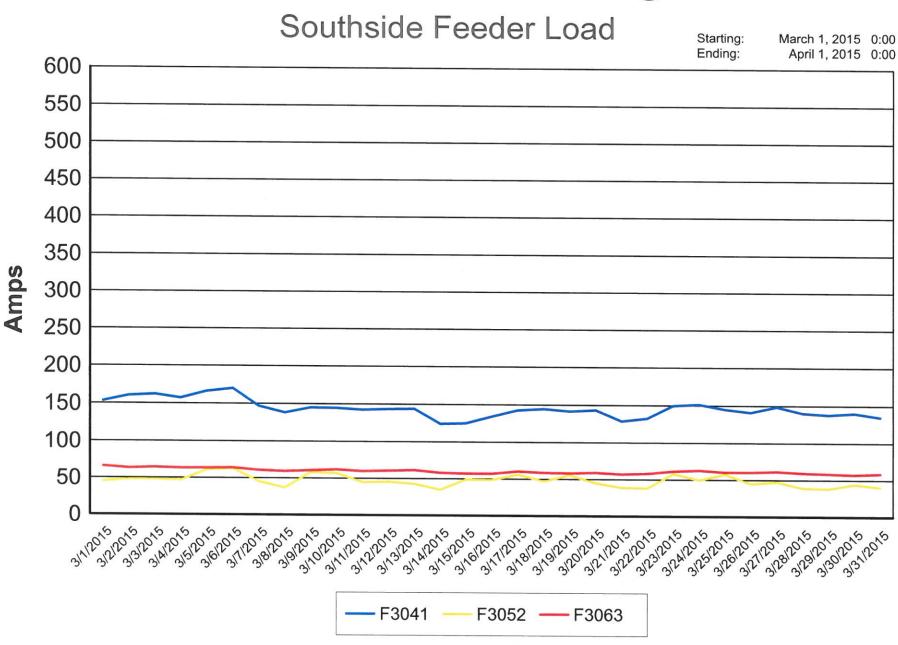




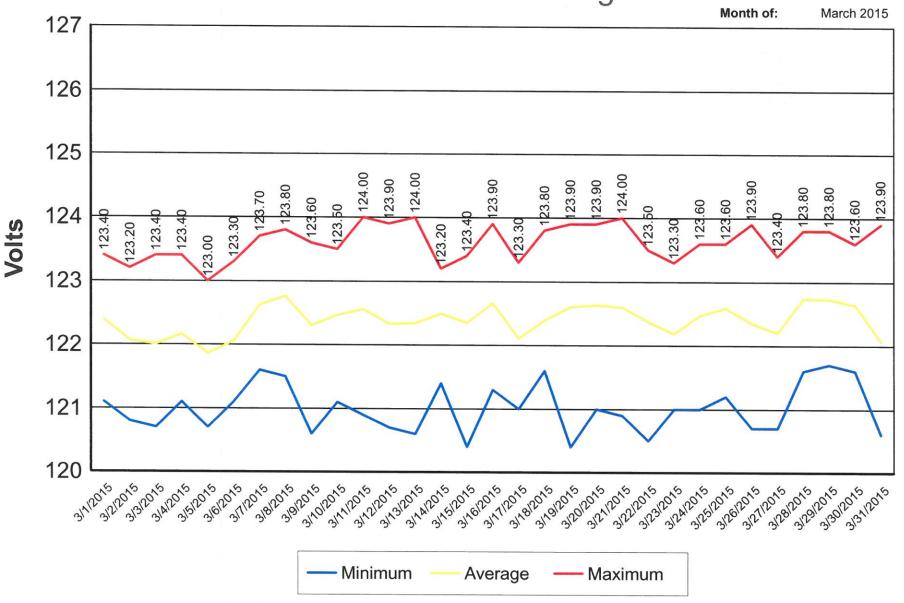




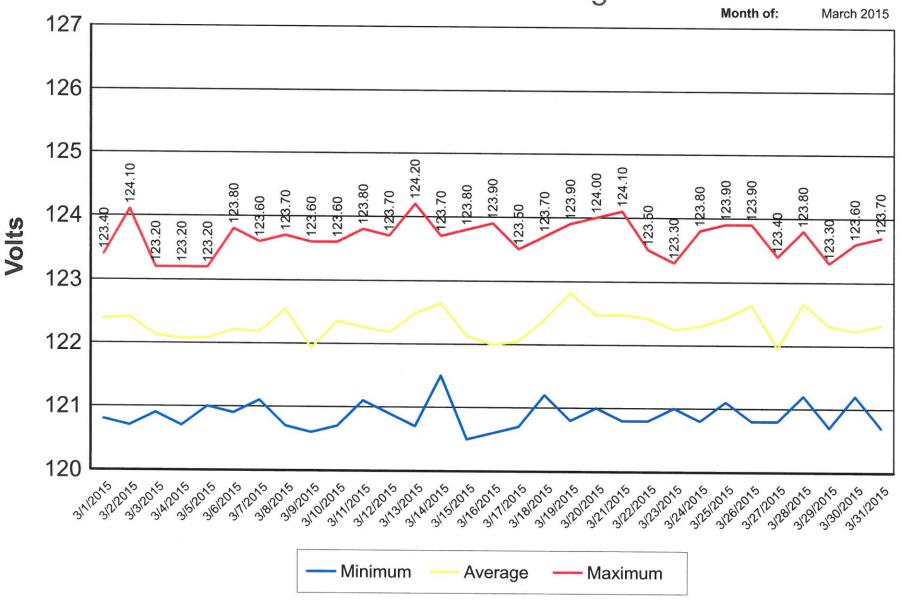




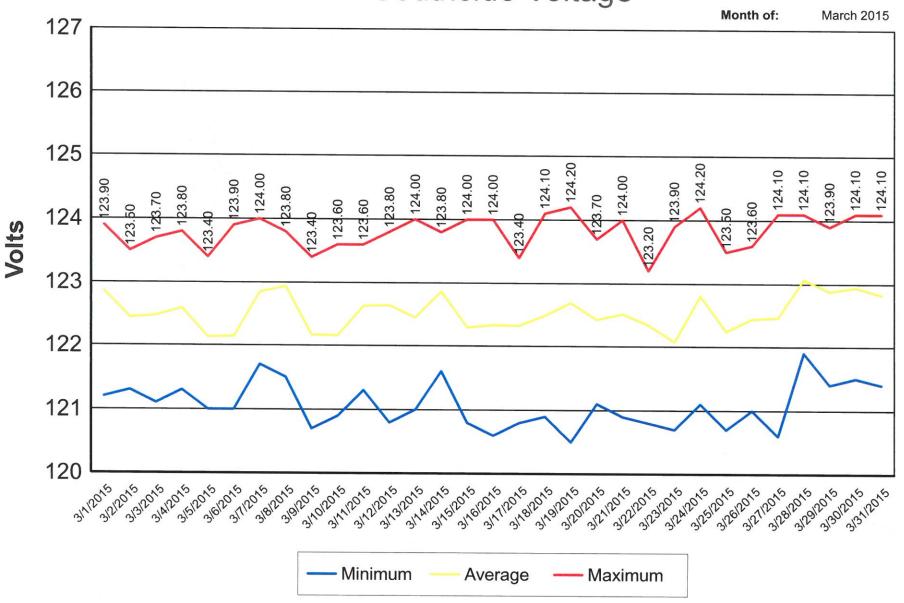
Glenwood Voltage

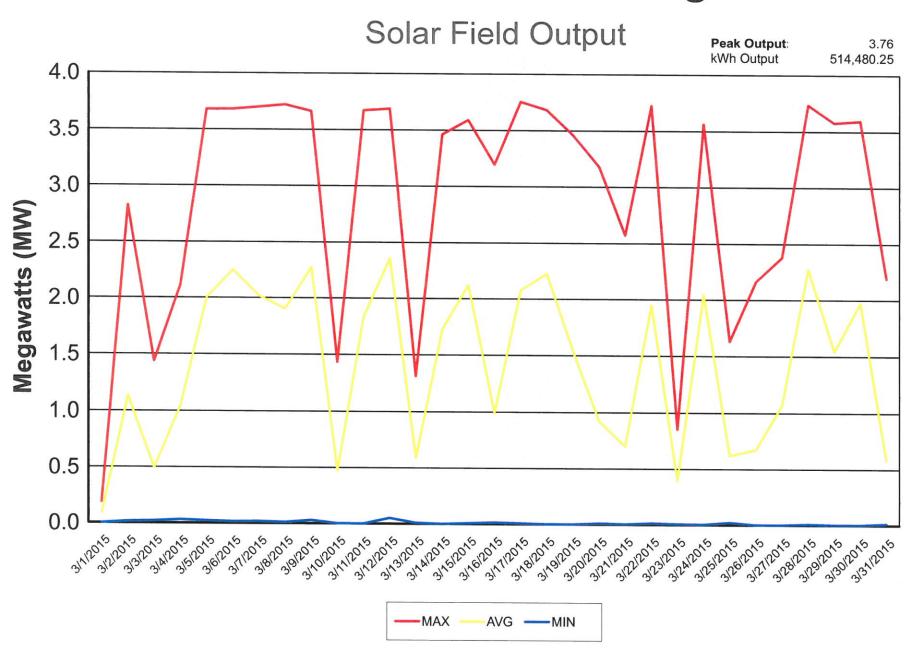


Industrial Voltage



Southside Voltage

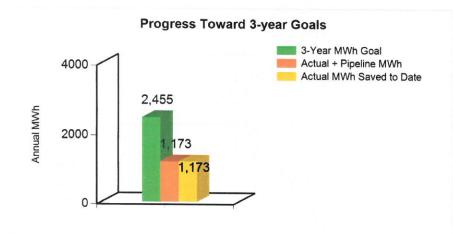


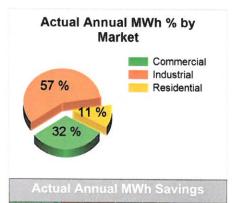




# City of Napoleon Program Summary Results Through - 2/28/2015

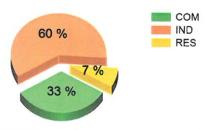
#### **Actuals**





Actu	al Annua	MWh Savings		
СОМ	IND	RES	Total	
372	673	129	1,173	

#### Lifetime Customer Savings by Market



COM	IND	RES	Total
\$474,342	\$858,275	\$106,579	\$1,439,196

\$1,439,196

Lifetime Customer Savings for City of Napoleon 48%

Percent of 3-Year MWh Goal

1,173

**MWh Saved** 

	s Measure Installs by gram
95 %	Appliance Recycling Lighting New Appliance Reba

Appliance Recylcing	New Appliance Rebates	Lighting (Online and Retail)	Total
18	67	4,190	4,275

801 Total Residents Served

Pipe	line
75% Likely Pipeline	by Market (MWh)
	Commercial
Commercial Pro	oject Pipeline
	0
Projects	MWh
 Industrial Proj	ect Pipeline
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# City of Napoleon, Ohio Board of Public Affairs (BOPA)

LOCATION: City Hall Offices, 255 West Riverview Avenue, Napoleon, Ohio

### **Meeting Agenda**

### Monday, April 13, 2015 at 6:30pm

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

PSCAF three (3) month averaged factor: \$0.00005

JV2: \$0.051869 JV5: \$0.051869

- III. Electric Department Report
- IV. Any other matters to come before the Board
- V. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

#### **Board of Public Affairs**

#### **Meeting Minutes**

Monday, March 9, 2015 at 6:30pm

**PRESENT** 

**ABSENT** 

**Electric Committee** 

BOPA City Staff Jason Maassel – Acting Chair, Jeff Comadoll (substitute)

Mike DeWit - Acting Chair, Dr. David Cordes

Dennis Clapp, Electric Superintendent

Gregory J. Heath, Finance Director/Clerk of Council

Trevor M. Hayberger, Law Director Chad Lulfs, Director of Public Works

Recorder

Others

News Media; Jeff Gillmor, Public Entities Pool

Keith Engler – Board of Public Affairs Chair Travis Sheaffer – Electric Committee Chair

John Helberg – Electric Committee, Water & Sewer Committee member

Monica S. Irelan, City Manager

Tammy Fein

Call To Order

Acting Chairperson DeWit called the meeting to order at 6:30pm. Acting Chairperson Maassel called the meeting to order at 6:30pm.

**Approval Of Minutes** 

The February 9 meeting minutes stand approved as presented with no objections or corrections.

Review Of Power Supply Adjustment Factor The Power Supply Cost Adjustment Factor for March 2015 was presented for review.

Heath noted that the Power Supply Adjustment Factor was incorrectly listed on the Agenda; the correct figure is \$0.00271. Heath added that the rate has decreased since the last Factor due to REC credits from JV5 totaling approximately \$14,000. DeWit stated that he heard some resident complaints regarding high electric bills, however this was due to higher usage during the winter months.

Motion To Recommend Approval Of Power Supply Adjustment Factor Motion: Cordes Second: DeWit

To recommend approval of the Power Supply Adjustment Factor for

March 2015 as follows:

Three (3) month averaged factor: \$0.00271 JV2: \$0.044092 IV5: \$0.044092

Passed

Yea-2

Nay- 0

Roll call vote on above motion:

Yea- DeWit, Cordes

Nay-

Motion To Accept BOPA Recommendation For Approval Of Power Supply Adjustment Factor Motion: Comadoll Second: Maassel

To accept the BOPA recommendation for approval of Power Supply

Adjustment Factor for March 2015 as follows:
Three (3) month averaged factor: \$0.00271
JV2: \$0.044092
JV5: \$0.044092

**Passed** Roll call vote on above motion:

BOPA 3/9/15 page **1** of **3** 

Yea- 2 Nav- 0 Yea- Comadoll, Maassel Nav-

#### **Electric Department Report**

Clapp gave the Electric Department Report.

Insurance Coverage Quote Review For City Overhead Electric Line Coverage (Tabled)

BOPA Motion To Untable Insurance Coverage Quote Review For City Overhead Electric Line Coverage

Passed Yea- 2 Nav- 0

Electric Motion To Untable Insurance Coverage Quote Review For City Overhead Electric Line Coverage

Passed Yea- 2 Nay- 0

Discussion

Motion: Cordes Second: DeWit

To untable insurance coverage quote review for City overhead electric line coverage

Roll call vote on above motion:

Yea- DeWit, Cordes

Nav-

Motion: Comadoll Second: Maassel

To untable insurance coverage quote review for City overhead electric line coverage

Roll call vote on above motion:

Yea- Comadoll, Maassel

Nay-

Heath distributed a quote regarding overhead line insurance coverage, listing the deductibles, premiums and exclusions.

Jeff Gillmor, Public Entities Pool representative, explained the information included in the distributed quote. Heath reminded the Committee that he had requested updated information for the overhead line premiums. Gillmor stated that the risk was marketed to several insurance companies at a \$24,000 range with a \$50,000 deductible, adding that overhead transmission lines are perceived as risky, but Gillmor is confident in the CNA insurance that quoted this Policy. Gillmor explained the industry standard for covering out real property; everything is covered except the listed exclusions which are war, flood, earthquake, vermin, and wear and tear. Gillmor explained that weather is not generally excluded, unless it causes the perils listed in Paragraph One (1). Heath noted that some of the poles are located in ditches and asked, if the ditches flood and the wind blows the poles over, would this event be covered; Gilmore replied that this would be covered since the wind caused the event, not the flooding. Gillmor reported that the deductible is 'per occurrence', not a rolling deductible and 'per occurrence' is defined in the Policy, including one (1) storm with multiple touchdowns, however two (2) separate storms on separate days are considered two (2) occurrences; adding that the loss of many poles, approximately a half mile of lines, would be necessary to meet the deductible amount. Gillmor reported that this Policy is purely for catastrophic loss, not routine losses. DeWit stated that there are currently funds contributed to a Reserve Fund to cover potential issues; adding that

the City spends approximately \$80,000 annually on tree trimming to reduce the potential for liability during outages. DeWit believes the biggest risk of damage to the lines to potentially be ice or wind. Heath reminded the Committee that the \$16 million Electric Fund budget would have a \$24,000 premium for insurance for a catastrophic event. Clapp stated that the wire used is steel reinforced and is durable for approximately a half (1/2) inch of ice on the line. DeWit suggested not purchasing the insurance now, Cordes agreed. Gilmore stated that the lines have an estimated value of approximately \$11.7 million. Cordes asked the cost regarding a substation being disabled; Heath stated this event is listed on a separate policy.

**BOPA Motion To Recommend Not Purchasing Overhead Electric Line Coverage** 

**DeWit** Motion: Cordes Second: To recommend not purchasing overhead electric line coverage

Passed

Yea-2

Nay- 0

**Electric Motion To Accept BOPA Recommendation Of Not Purchasing Overhead Electric Line Coverage** 

**Passed** Yea-2

Nay- 0

Other Matters To Come

**Before The Board** 

**BOPA Motion To Adjourn** 

Roll call vote on above motion:

Yea- DeWit, Cordes

Nay-

Motion: Comadoll Second: Maassel To accept BOPA recommendation of not purchasing overhead electric line coverage

Roll call vote on above motion: Yea- Comadoll, Maassel Nay-

Heath read a statement from Irelan regarding the Black Start ability of the City which stated that there are two (2) fuel sources for the generators, diesel and natural gas. There is enough diesel fuel to start the generator, and AMP will start the natural gas generator. Irelan stated that the contract wording stating that the company can restrict flow during an emergency is standard language and should not cause concern as AMP is confident that the generators can perform as expected in an emergency situation. Cordes asked how often the generators are tested; Clapp stated that AMP tests the generators regularly, adding that a black start test has been done up to the point of the breakers, with a simulation of power loss so the City was not put out of power to do the test, and the results were good.

Motion: Cordes Second: DeWit

To adjourn the BOPA meeting at 6:57pm

Mike DeWit, Acting Chair

**Approval Date** 

# Memorandum

To: Water, Sewer, Refuse, Recycling & Litter Committee, Council, Mayor, City

Manager, City Law Director, City Finance Director, Department Supervisors

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

**Date:** 4/7/2015

**Re:** Water, Sewer, Refuse, Recycling & Litter Committee Meeting Cancellation

The Water, Sewer, Refuse, Recycling & Litter Committee, which is regularly scheduled to meet on Monday, April 13, 2015 at 7:00 PM, has been CANCELED at the direction of the Committee Chair.

# Memorandum

To: Municipal Properties, Buildings, Land Use & Economic Development Committee,

Council, Mayor, City Manager, City Law Director, City Finance Director,

Department Supervisors

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

**Date:** 4/7/2015

Re: Municipal Properties, Buildings, Land Use & Economic Development Committee

Meeting Cancellation

The Municipal Properties, Buildings, Land Use & Economic Development

Committee, which is regularly scheduled to meet on Monday, April 13, 2015 at 7:30pm,

has been CANCELED at the direction of the Committee Chair.

# City of Napoleon, Ohio **Board of Zoning Appeals**

LOCATION: City Hall Offices, 255 West Riverview Avenue, Napoleon, Ohio

### **Meeting Agenda**

Tuesday, April 14, 2015 at 4:30pm

- I. Call to Order
- II. Roll Call
- III. Approval of Minutes
  (In the absence of any corrections or objections, the minutes shall stand approved.)
- IV. New Business

BZA 15-01 952 Fifth Street Variance to the Table of Permissible Uses

An application for public hearing has been filed by Jack and Jill Walters, owner of the building at 952 Fifth Street, Napoleon, Ohio. The applicant is requesting a variance to section 1145.01 the Table of Permissible Uses to allow this building to be used for private non-commercial storage of the owner. All storage will be inside the structure.

This property is located in an R-3, Moderate Density Residential zone that otherwise does not allow a stand-alone storage building.

- V. Closing Remarks
- VI. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

#### **BOARD OF ZONING APPEALS**

#### **Meeting Minutes**

Tuesday, October 14, 2014 at 4:30 PM

BZA 14-04 900 W. Riverview Ave. Front Yard Setback Variance

**PRESENT** 

**Board Members** 

**City Staff** Recorder

Others **ABSENT** 

**Board Members** 

Robert McLimans - Chair, David Dill, Tom Mack, Laurie Sans, Steve Small

Tom Zimmerman, Zoning Official

Tammy Fein

Guy and Kim Miller

Call To Order

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

a quorum was present.

**Minutes Approved** 

Minutes from September 9 stand approved as read with no objections or corrections.

**Background On BZA** 14-04

McLimans stated that an application for public hearing has been filed by Guy Miller, 900 West Riverview Avenue, Napoleon, Ohio; the applicant is requesting a variance to decrease the current front yard setback of forty (40) feet to four (4) feet to build a six foot (6') by twenty three foot (23') covered porch on the front yard of the

residence. The property is located in an R-2, Low Density Residential Zone. The

request is pursuant to City Code Chapter 1147.

**Research And** Information

Zimmerman stated that Mr. Miller is doing an extensive renovation to both the inside and outside of 900 West Riverview Avenue; the residence had an existing covered front porch that extended five (5) feet out from the front and was seven (7) feet wide that was in disrepair and was removed. The proposed covered porch extends six (6) feet out from the front and is twenty three (23) feet wide and ties into the existing

covered porch on the East side of the house.

**Submittal Of Evidence** 

Zimmerman submitted photos of the property as evidence.

Zimmerman stated that view will not be obstructed by the proposed covered porch.

Zimmerman stated that letters were sent to all residents within two hundred (200) feet

with no responses.

**Swearing In: Miller** 

Chairman McLimans swore in Guy Miller.

**Testimony** 

Miller stated that the house was taken down to the studs and he is beginning a subfloor to redo the entire structure and garage, for the Millers to eventually use as their residence. Miller stated that the existing porch was small with a dilapidated wood floor and the Millers want to join the new porch with the existing side porch to create a wraparound porch, adding three (3) pillars; two (2) pillars at the front door and one (1) pillar on the side that are ten feet by ten feet (10' x 10') with a three (3) foot stone at the entrance, leaving an open porch with no screen. Small agreed with the assessment that the changes to the residence will not create issues with the sight line. Miller stated that the sidewalk will be on the outside of the wall for safety

reasons. Zimmerman stated that a curb will be added to the sidewalk to protect the sidewalk.

**Motion To** 

Motion:

Small Second: Mack

Approve BZA 14-04

To approve BZA 14-04 as presented

**As Presented** 

**Passed** Roll call vote on above motion:

Yea- 5 Yea - Sans, Mack, Small, McLimans, Dill

Nay- 0 Nay –

Motion: McLimans Adjournment

To adjourn the meeting at 4:36 pm

Motion approved by unanimous voice vote. **Passed** 

Robert McLimans, Chair Date

# **Planning Commission**

LOCATION: City Hall Offices, 255 West Riverview Avenue, Napoleon, Ohio

# **Meeting Agenda**

Tuesday, April 14, 2015 at 5:00pm

- I. Call to Order
- II. Roll Call
- III. Approval of Minutes (In the absence of any corrections or objections, the minutes shall stand approved.)
- IV. Business
  - A. PC 15-01 234 East Front Street

An application for public hearing has been filed by Four Walters, Ltd. The applicant is requesting a Replat of lots 25, 26 and 27 in the Original Plat in the City Napoleon. This subdivision will create lots 1 through 4 located between 212 and 234 East Front Street. 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.

- V. Closing Remarks
- VI. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

### PLANNING COMMISSION Meeting Minutes

Tuesday, October 14, 2014 at 5:00 PM

PC 14-06

**Testimony** 

Re-plat of lot #2 of the Morrow, Hinderer & Patton Addition

PRESENT Members City Staff	Robert McLimans - Chair, Tim Barry, Mayor Ronald Behm, Fredric Furney Tom Zimmerman, Building Official
Recorder	Tammy Fein
Others ABSENT	Steven Kauffman, Gary Heater, Steve Lankenau Mary Barlow
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Call To Order	Chairman McLimans called the meeting to order at 5:00 PM, noting that a quorum was present.
Approval Of Minutes	Meeting minutes from April 8 stand approved as read with no objections or corrections.
PC 14-06 Background	McLimans read the background on PC 14-06: An application for public hearing has been filed by Steven Kauffman. The applicant is requesting a Re-plat of lot #2 of the Morrow, Hinderer & Patton Addition. This subdivision will create lot 2A that is located behind Carpet Wholesalers 1413 Scott St Napoleon. 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 14-06 Research And	Zimmerman read the research and findings for PC 14-06:
Findings	1. The proposed Lot 2A is in a different subdivision and can never be joined with the lot in front of it along Scott Street. At this time both lots will be owned by Carpet Wholesalers; if the back lot is ever sold separate the front lot access is still available to lot 2A by an ingress/egress and utility easement along the South side of the front lot; water, storm and sanitary sewers are available for this lot along Scott St.
	2. 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.
	3. The City Engineer has reviewed and approved the proposed subdivision.
Evidence	Zimmerman submitted photos of the property as evidence.
	Zimmerman stated there is a one foot (1') strip on the property that the County is classifying as frontage area and can be used as an easement for access if necessary. Zimmerman explained that a subdivision cannot be added to or decreased from; the lots are in different subdivisions.
Swearing In: Lankenau	McLimans swore in Steven Lankenau and asked him to address the Commission.

Lankenau explained that the intended buyer of the lot intends to have space for the existing business, Carpet Wholesalers. McLimans asked if this would be

used as parking space; Heater stated that the lot will be used as a turnaround for delivery trucks as not to encroach on the neighbor's property.

Motion To Approve PC 14-06 As Presented Motion: Furney Second: Barry

To approve PC 14-06

Passed Yea- 4 Nay- 0 Roll call vote on above motion: Yea- Furney, Barry, Behm, McLimans

Nay-

**Meeting Continued** 

Meeting continued with consideration of PC 14-07.

Date

Robert McLimans, Chairperson

### PLANNING COMMISSION Meeting Minutes

Tuesday, October 14, 2014 at 5:00 PM

PC 14-07 Minor Subdivision of American Road

(Meeting continued after consideration of PC 14-06.)

	(Meeting continued after consideration of PC 14-06.)
PRESENT Members City Staff Recorder Others ABSENT	Robert McLimans - Chair, Tim Barry, Mayor Ron Behm, Fredric Furney Tom Zimmerman, Building Official Tammy Fein Ed and Mary Hoeffel, Cheryl Weiderman Mary Barlow
PC 14-07 Background	McLimans read the background on PC 14-07: An application for public hearing has been filed by Ed & Mary Hoeffel. The applicant is requesting the approval of North Pointe Plat No. 4 a minor subdivision of land creating Lot #5, a three (3) acre parcel of land located West of 645 American Rd., Napoleon. The request is pursuant to Chapter 1105 of the Codified Ordinances of Napoleon Ohio. The property is located in an I-1 Enclosed Industrial Zoning District.
PC 14-07 Research And Findings	<ul> <li>Zimmerman read the research and findings for PC 14-07:</li> <li>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.</li> <li>2. Water, storm and sanitary sewers are available for lot #5 along American Road.</li> </ul>
Evidence	3. The City Engineer has reviewed and approved the proposed subdivision.  Zimmerman submitted photos of the property as evidence.  Zimmerman stated that this lot is beside the empty lot abutting the veterinarian office; there is a township line, not a property line, dividing the lots and access will still be access available if necessary.
Swearing In Hoeffel	McLimans swore in Ed Hoeffel and asked him to address the Commission.
Testimony	Hoeffel stated that the parcel division requested is to avoid being in two (2) townships; Hoeffel stated that he has a prospective buyer for this property. Zimmerman stated that Hoeffel is keeping the lots small to avoid any future issues.  Weiderman asked if there are restrictions for the use of the land; Zimmerman
	McLimans swore in Ed Hoeffel and asked him to address the Commission.  Hoeffel stated that the parcel division requested is to avoid being in two (2) townships; Hoeffel stated that he has a prospective buyer for this property. Zimmerman stated that Hoeffel is keeping the lots small to avoid any future issues.

Motion To Approve PC 14-07 As Presented Motion: Barry Second: Furney

To approve PC 14-07 as presented

issues presented at this time.

Passed Yea- 4 Nay- 0	Roll call vote on above motion: Yea- Furney, Barry, Behm, McLimans Nay-
<b>Meeting Continued</b>	Meeting continued with consideration of PC 14-08.
Date	Robert McLimans, Chairperson



### PLANNING COMMISSION Meeting Minutes

Tuesday, October 14, 2014 at 5:00 PM

PC 14-08

Replat of Part of Lot 41 of the Original Plat of the City of Napoleon

(Meeting continued after consideration of PC 14-07.)

#### **PRESENT**

Members City Staff Recorder Others

ABSENT

PC 14-08 Background

PC 14-08 Research And

**Findings** 

Robert McLimans - Chair, Tim Barry, Mayor Ron Behm, Fredric Furney

Tom Zimmerman, Building Official

Tammy Fein Robert Jackson Mary Barlow

McLimans read the background on PC 14-08:

An application for public hearing has been filed by Robert Jackson. The applicant is requesting a Replat of lot 41 in Phillips and Staffords first Addition to the Original Plat of the City Napoleon. This subdivision will create lots 41A (522 Hobson Jackson Cleaners) and 41B (303 E Main). The applicant is also requesting an 1,836 square foot variance be granted for the proposed Lot 41B. 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.

Zimmerman read the research and findings for PC 14-08:

- 1. The minimum lot area for a lot in a C-1 Zone that is used for a single family dwelling is 6,000 sq. ft. The proposed Lot 41B is 4,164 square feet. The property owner has requested this Commission as per Section 1105.06 to grant a Variance of 1,836 sq. ft. and reduce the required square feet for Lot 41B to 4164. It is not possible to have 6,000 sq. ft in Lot 41B because a twenty five (25) foot wide driveway is needed on the East side of Lot 41B that provides access to an overhead door to the business on Lot 41A.
- 2. The proposed subdivision of land meets all the requirements of Chapter Eleven (11) of the City's Codified Ordinances pertaining to Subdivision regulations, building setbacks, parking requirements and lot size for Lot 41A.
- 3. Both lots 41A and 41B have existing water and sewer services to each lot.
- 4. The City Engineer has reviewed and approved the proposed subdivision.

**Evidence** 

Zimmerman submitted photos of the property as evidence.

Zimmerman stated that the sewer taps and water taps are separate for each lot, and no easements would be necessary.

Zimmerman stated this is the first time the Commission has the authority to grant a variance pertaining to the subdivision; the Board of Zoning Appeals (BZA) requires a letter be sent to residents within two hundred (200) feet and was sent for this hearing; Zimmerman stated that he received questions as to what the

subdivision would be used for, however there were no objections.

Furney asked why the lots had a square footage listed as 10,000; Zimmerman stated this is a commercial zoned area and there are no square footage requirement for this area.

#### **Swearing In**

McLimans swore in Robert Jackson and asked him to address the Commission.

#### **Testimony**

Jackson explained that he has owned the business for approximately forty five (45) years and is currently renting out the home, adding that he has a potential buyer for the home but still needs access to the back of the business. Barry asked how much space is between the house and the driveway; Zimmerman stated there is more than seven (7) feet, and another variance is not necessary. Barry asked if the business is directly on the property line; Zimmerman replied that it is not and it is in a commercial zone so there is no square footage requirement. Jackson stated there is an electric line from the back of the business to the house; Zimmerman stated this will not be an issue.

Jackson asked if the front parking lot will be owned by the new owner or if it is City property; Zimmerman replied this is a right of way for Hobson Street and is City property. Jackson asked if the property owner must maintain this area; Zimmerman stated that this is maintained by the property owner. Furney asked if Jackson could restrict the area; Zimmerman stated that this could be done before the property sale and enforced privately.

Motion To Approve PC 14-08 As Presented Motion: Barry Second: Furney

To approve PC 14-08 as presented

Passed

Yea- 4

Nav- 0

Roll call vote on above motion:

Yea- Furney, Barry, Behm, McLimans

Nay-

**Meeting Continued** 

Meeting continued with consideration of PC 14-09.

Date

Robert McLimans, Chairperson

### PLANNING COMMISSION Meeting Minutes

Tuesday, October 14, 2014 at 5:00 PM

PC 14-09

Replat of Part of Lot 41 of the Original Plat of the City of Napoleon

(Meeting continued after consideration of PC 14-08.)

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Members City Staff Recorder Others ABSENT Robert McLimans - Chair, Tim Barry, Mayor Ron Behm, Fredric Furney Tom Zimmerman, Building Official

Tammy Fein

Mary Barlow

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PC 14-09 Background

McLimans read the background on PC 14-09:

An application for public hearing has been filed by Derrow Properties, Inc. The applicant is requesting a replat of Lot B of the replat of lots 6&7 in block 1 Phillips & Staffords First Addition. This subdivision will create Lot B1and Lot B2 located to the West of 120 W. Washington Street, 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 14-09 Research And Findings

Zimmerman read the research and findings for PC 14-09:

- 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 buildings on the existing lot B have water and sanitary sewer services available on W. Washington St. The proposed Lot B2 is now an empty lot that has water and sanitary sewer services available on W. Washington St.
- 3. The City Engineer has reviewed and approved the proposed subdivision.

**Evidence** 

Zimmerman submitted photos of the property as evidence.

**Testimony** 

Zimmerman stated that this consideration is related to PC 14-10; the lot is proposed to be given to the City for a pocket park. Zimmerman stated that if Council does not approve this recommendation, the subdivision could still be used for other purposes. Zimmerman stated that the lot currently runs to Scott Street; the lots will still have frontage and access after the proposed split with water and sewer available. Barry asked if the lot split occurs, what happens to Lot B1, it seems though it will become a parking lot due to how the land is situated; Zimmerman stated that the address would be required to be Scott Street, though it would harm access to the rest of the buildings, and would probably be used for a parking lot; adding that there is an empty building pad and a storage building near the proposed lot split.

Motion To Approve PC 14-09 As Presented Motion: McLimans Second: Furney

To approve PC 14-09 as presented

Passed Yea- 4 Roll call vote on above motion: Yea- Furney, Barry, Behm, McLimans

Nay- 0	Nay-
<b>Meeting Continued</b>	Meeting continued with consideration of PC 14-10.
 Date	Robert McLimans, Chairperson



### PLANNING COMMISSION Meeting Minutes

Tuesday, October 14, 2014 at 5:00 PM

PC 14-10

Public Improvement Pocket Park

(Meeting continued after consideration of PC 14-09.)

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Members City Staff Recorder Others

**ABSENT** 

Robert McLimans - Chair, Tim Barry, Mayor Ron Behm, Fredric Furney

Tom Zimmerman, Building Official

Tammy Fein

Tony Cotter, Parks and Recreation Director

Mary Barlow

PC 14-10 Background

McLimans read the background on PC 14-10:

An application for a public hearing has been filed by Derrow Properties, Inc. requesting The Planning Commission to consider the approval of a Pocket Park, located between buildings 120 and 126 W. Washington St. Napoleon this is a public improvement to The City. That is in accordance with the Ohio Revised Code section 713.01 through 713.15. This property is located in a C-1 district.

PC 14-10 Research And Findings

Zimmerman read the research and findings for PC 14-10:

- 1. This property is proposed to be donated by Derrow Properties, Inc. to The City of Napoleon for the construction of a Pocket Park to be used by the Public.
- 2. The Henry Co. Chamber of Commerce, Rotary and the City of Napoleon will install and maintain park benches, walkways and greenery.
- 3. As Per Ohio Revised Code section 713.01 through 713.15 and section 159.01 of the City's Ordinances all public improvements must have this board's approval concerning location and impact on the community.
- 4. This project has been approved by all City Departments including the City's Parks and Recreation Board.

**Evidence** 

**Testimony** 

Zimmerman submitted a rendering of the proposed pocket park as evidence.

Cotter stated that the concept has been approved by the Parks & Recrection Board, the Parks & Recreation Committee and Council. Cotter stated that this is in partnership with the Chamber of Commerce and the Rotary Club; the donation of the property must be made to the City before a park can be made; Cotter added that a grant has been applied for with further funding from the Chamber of Commerce and the Rotary Club. Cotter stated the twenty percent (20%) grant is dependent upon the City taking ownership of the property. Barry asked if there is a large maintenance issue for the Parks & Recreation Department; Cotter stated that the maintenance will be as low as possible and measures have been taken to make sure that is the case; the Chamber of Commerce and the Rotary Club have committed to the maintenance; the Parks Department will pick up the refuse.

**Motion To Approve PC** 

Motion: Barry Second: Furney

To approve PC 14-10 as presented

Passed
Yea- 4
Nay- 0

Motion To Adjourn

Motion: McLimans
To adjourn the meeting at 5:39 PM

Motion approved by unanimous voice vote.

Roll call vote on above motion:
Yea- Furney, Barry, Behm, McLimans
To adjourn the meeting at 5:39 PM

Motion approved by unanimous voice vote.

# **Civil Service Commission**

LOCATION: City Hall, 255 West Riverview Avenue, Napoleon, OH 43545

### **Special Meeting Agenda**

### Thursday, April 16, 2015 at 4:30pm

- I. Swearing In of New Member: Dan Baer
- II. Approval of Minutes (In the absence of any objections or corrections, the minutes shall stand approved.)
- III. Approval of Testing for Police Officer/Firefighter Paramedic, including: testing type, date, time and location, type of exam, application blanks, age requirements, education requirements, method and subject of examinations, establishment and application of credits
- IV. Any other matters to come before the Commission
  - V. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

#### **Civil Service Commission**

#### **Meeting Minutes**

Tuesday, February 24, 2015 at 4:30pm

**PRESENT** 

**Members:** David Meekison - Chair, Jon Tassler

City Staff: Gregory J. Heath, Finance Director/Clerk of Council

Trevor M. Hayberger, Law Director

Robert Weitzel, Police Chief

**Recorder:** Tammy Fein

Others:

**ABSENT** Mike Flory

**Call To Order** Chairman Meekison called the meeting to order at 4:32pm.

**Approval Of Minutes**Minutes of the November 18, 2014 meeting stand approved as presented

with no corrections or objections.

Motion To

**Approve Blank Application** 

Motion: Meekison Second: Tassler

To approve the blank application

**Passed** Roll call vote on above motion:

Yea- 2 Yea- Meekison, Tassler

Nay- 0

Motion To Motion: Meekison Second: Tassler

**Approve** To approve the applicant list:

Applicant List Baker, Jason

Druhot, Tony

Rohrs, Eric

Passed
Yea- 2

Roll call vote on above motion:
Yea- Meekison, Tassler

Nay- 0

Motion To Motion: Meekison Second: Tassler

**Approve Time Of Exam** To approve time of exam:

Tuesday, February 24, 2015 at 4:30pm in City Council Chambers

**Passed** Roll call vote on above motion:

Yea- 2 Yea- Meekison, Tassler

Nay- 0

**Civil Service Exam:** Meekison asked for any questions from the three (3) applicants; there were

**Fire Chief** no questions presented from the applicants.

Meekison read the general instructions provided for the exam verbatim.

Commission Recessed To
Administer The Exam

The Commission went into recess to administer the exam at 5:45pm.

#### **Commission Reconvened**

The Commission reconvened after the exam was administered at 6:43pm, with the same two (2) Commission members present.

Meekison reported that all three (3) applicants completed the exam within the required time limit of two (2) hours:

Rohrs competed the exam with sixty percent (60%) of the questions correct, failed;

Druhot completed the exam with fifty five percent (55%) of the questions correct, failed; and

Baker completed the exam with fifty one and one quarter percent (51.25%) of the questions correct; failed.

Meekison reported that the Commission has the authority to either direct the Human Resources Director to advertise the exam for Fire Chief and open the exam to the public who are not members of the Fire Department, or to vote to give the City Manager the authority to appoint the Fire Chief from within at her discretion, notwithstanding that the written exam was failed by all three (3) applicants. Hayberger noted that the position would be open to all applicants, not merely current members of the Fire Department. Heath added that the Commission could make a recommendation to the Appointing Authority as they deem necessary. Meekison asked Hayberger if the City Manager discretion to hire would include the applicants who tested today; Hayberger stated that it would include the current applicants even though they failed the test. Tassler believes that the City needs a Chief as soon as possible; Meekison agreed. Human Resources Director Druhot stated that interviews could be completed right away if the three (3) applicants were interviewed, while opening the exam to the public would require approximately sixty (60) days. Tassler stated he would rather give the City Manager the authority to appoint the Fire Chief, adding that, even though the acting Fire Chief is doing a good job, the City requires this position to be filled as soon as possible.

Motion To Authorize The City Manager To Appoint The Fire Chief And To Waive The Rule For Further Testing

**Passed** 

Yea-2

Nav-0

**Any Other Matters To Come Before The Commission**  Roll call vote on above motion: Yea- Meekison, Tassler Nay-

Motion: Tassler

rule for further testing

Heath reported that the original testing lists for Patrolman and Fire Fighter expire in May 2015 and suggested that the Commission meet next month for a proposed time frame for testing in July for these positions. Meekison suggested the date of Saturday, July 18, 2015 for the original exam for the positions; adding that the third Commission member is currently not present and the final date will be presented at the March meeting.

Second: Meekison

To authorize the City Manager to appoint the Fire Chief and to waive the

**Motion To Adjourn** 

Motion: Meekison Second: Tassler Motion to adjourn the meeting

PassedRoll call vote on motion:Yea - 2Yea- Meekison, TasslerNay - 0Nay -

**Adjournment** Meeting adjourned at 6:54pm

**Date Approved:** 

David Meekison, Chair



# City of Napoleon, Ohio

# **Healthcare Cost Committee**

LOCATION: City Hall Offices, 255 West Riverview Avenue, Napoleon, Ohio

# **Meeting Agenda**

# Friday, April 17, 2015 at 8:30am

- I. Approval of Minutes (In the absence of any objections or corrections, the minutes shall stand approved.)
   II. Review of Healthcare Premium Cost Increases
- III. Any other matters to come before the Committee
- IV. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

### **Healthcare Cost Committee**

# **Meeting Minutes**

Friday, January 9, 2015 at 8:30am

PRESENT

Commission Members Mike Foreman (PD) - Chair, Chad Lulfs (NB), Mary Thomas (NB), Jeremy (AFSCME), Roger Eis (AFSCME), Eric Rohrs (FD), Greg Heath (AD), Monica

Irelan (AD)

Recorder City Staff Tammy Fein

Others

Morgan Druhot, Human Resources Director

Cheryl Broadway, Chapman & Chapman; Dave Mack

**ABSENT Members** 

Jamie Mendez (PD) ), Joel Frey (FD)

Call To Order

Chairperson Foreman called the meeting to order at 8:39am with roll call, noting that a quorum was present.

**Approval Of Minutes** 

Minutes from the November 13, 2014 meeting stand approved as presented with no objections or corrections.

Review Of Health Care Premium Cost Increases Broadway explained that BORMA includes approximately twenty (20) entities with approximately 1,800 employees, and Chapman & Chapman are the consultants for BORMA. Broadway reported that the City is one of the members with a smaller population and fewer claims, and being in a large consortium allows for a more even distribution of claims and stabilizing costs throughout, as well as enhancing purchasing power with the larger number of employees included in the group, including the fixed costs and the stop/loss insurance. Broadway reported that the consortium is self-funded and insurance is purchased within a pool, which is paid out to the carriers with no open ended liabilities to the members; Broadway added that the claims can be approximately eighty five percent to ninety five percent (85% - 95%) of the costs of insurance; BORMA has done well in keeping the fixed costs contained and claims must be considered as to how to positively impact costs. Broadway stated that increased premium contributions and out of pocket expenses can be used to increase the cost to employees, and BORMA is considering standard spousal language; other entities have adopted that spouses with available coverage must take that coverage and the City insurance would be a secondary insurance for those spouses. Broadway believes that this option may come out in 2015 to create additional savings, adding that employees must be made better consumers and educated on prescription costs as well as urgent care clinic visits versus emergency room visits and the plans must be designed to steer the employees to be better consumers.

The Committee had no questions regarding BORMA.

Broadway reported that the current individual plan has a \$750 deductible and the plan design requires a separate copay for prescriptions due to a Healthcare Reform mandate; Broadway added that the medical copays now apply toward the maximum deductible, and there is a cap on the prescription copay due to ObamaCare changes. Foreman asked how this would be tracked; Broadway

stated that Medical Mutual handles this tracking and Chapman & Chapman has customer service assistance available as well; Broadway will give this information to Druhot.

Broadway stated that Chapman & Chapman could help facilitate a wellness program including health screenings and promoting weight loss, and the wellness programs can be customized to the group utilizing the program. Irelan stated that utilizing wellness programs is a direction that the City will go in and the Human Resources Director will be responsible for the programs.

Broadway listed some future topics that the Committee may want to discuss; Irelan would like to see comparable cities healthcare costs to benchmark current costs and compare them.

Lulfs stated that he has heard of ObamaCare benefits that are not public knowledge; Lulfs asked where the information can be found. Broadway replied that there are some general categories that could be researched; Irelan believes there is no general list since Congress is still reading the Law; Broadway will research this, creating a summary for the Committee.

Broadway stated the she will bring some comparable healthcare costs from entities both inside and outside of the BORMA group, and a general summary of ObamaCare benefits.

Heath believes that an issue to be discussed regarding ObamaCare is the thirty (30) hour rule for the providing of healthcare.

Foreman believes that using the City healthcare as a secondary insurance for spouses with their own healthcare is a good idea; Heath added there are over \$300,000 worth of claims by spouses on the City plan. Broadway stated that she could bring an example of a school district with approximately six hundred to eight hundred (600 – 800) employees which tracked the approximately forty nine (49) spouses on the plan using it as a secondary insurance,; Mutual Heath Services tracked this information and the primary insurance of the forty nine (49) spouses paid out \$877,000. Broadway stated that BORMA will be creating standard language regarding this change soon; Lulfs asked when this would take effect; Broadway stated that BORMA will put this on their next Agenda. Lulfs would like this information so the City does not create a policy that is more severe than what BORMA creates; Irelan believes that there will be more savings if the entire BORMA group makes this change instead of just the City. Broadway stated there must be standard and meaningful language to allow the change to save the plan money. Heath stated there are options in creating the core plans; Broadway stated there are twenty (20) BORMA plans to choose from with different nuances that may benefit different entities. Heath asked what the odds are of the City plan being deemed a Cadillac Plan in the future if there are no changes; Broadway believes there is not a lot of chance of this in 2015. Broadway stated that the Cadillac Plan is based on premiums and costs; adding that the Excise Tax threshold is \$850 for single and \$2,291.67 for family. Broadway stated there was a recalibration of benefits within the BORMA group and researched the entities' pay based on amount paid in and claims.

#### **Any Other Matters**

None

Irelan asked if the Committee would like to meet quarterly; there were no objections. Broadway believes the next BORMA meeting to be in early March. Foreman called a meeting for April 17 at 8:30am.

Heath asked if the Health Savings Accounts (HSA) are still viable; Broadway believes they will be, but they have different rules for spousal coordination since the HSA is not allowed to coordinate benefits with other plans; the spouses would be removed entirely due to IRS rules. Heath believes that there is not enough financial incentive for the HSA to be an option; Heath believes there will be higher political pressure for HSA accounts in the future. Broadway stated that the original intent of the HSA was for the employee to incur the entire out of pocket expense, and employer contributed money is not making the employee as good of a consumer as they could be, adding that the HSA that is most successful is the one with no employer contribution. Irelan stated that she is not in approval of making the traditional plan so hard on the employee that the employee must choose to go to an HSA.

#### **Motion To Adjourn**

Motion: Eis Second: Heath

To adjourn the meeting at 9:30am.

Passed Yea- 8 Nay- 0 Roll call vote on above motion:

Yea-Foreman, Lulfs, Thomas, Rohrs, Okuley, Eis, Heath, Irelan

Nay-

Date\_

Michael Foreman, Chair

April 3, 2015

## Extreme cold brings new all-time peaks

By Ryan Thompson – power supply planning engineer

Extreme cold temperatures in February caused some members to set new all-time peaks. The overall average temperature in Columbus for February was 19.3 degrees Fahrenheit (F), which was 13.5 F below normal. Every day from Feb. 11 through 28 averaged 19.6 F below normal – the second-coldest February since 1895.

The first nine days in February were near average and the last 19 days averaged nearly 20 F below normal. The days on which most of the new all-time peaks were set were Feb. 19 and 20 – the temperature departure was 31 F below normal. The high temperature on Feb. 19 was 8 F for a high and the low temperature was -3 F. On Feb. 20, the high temperature was 14 F and the low temperature was -8 F.

There were 10 members who set new all-time peaks during the month of February.

	Peak	All Time Peak	Increase	Date	Hour	Temperature at Peak
Bedford	59.108	55.622	6.3%	2/20/2015	800	-11 F
Duncannon	2.762	2.655	4.0%	2/20/2015	800	-1 F
Ephrata	33.966	33.21	2.3%	2/20/2015	800	-1 F
Front Royal	46.921	44.764	4.8%	1/8/2015	900	9 F
Goldsboro	1.622	1.61	0.7%	2/20/2015	700	0 F
Holiday City	4.529	4.236	6.9%	2/26/2015	2200	6 F
Lewisberry	0.76	0.649	17.1%	2/19/2015	2100	2 F
Philippi	8.571	7.69	11.5%	2/20/2015	1000	-7 F
Richlands	25.03	21.5	16.4%	2/20/2015	900	-7 F
Schuylkill Haven	10.553	10.264	2.8%	2/20/2015	900	-5 F

# NERC update call, webinar set for April 9

By Art Iler – director of reliability standards compliance

AMP, in coordination with Utility Services Inc., will host its monthly North American Electric Reliability Corp. (NERC) update call and webinar for members from 1:30 to 2:30 p.m. on April 9.

Topics to be discussed include: Federal Energy Regulatory Commission (FERC) action on risk based registration at the March 19, 2015, commission meeting; TOP/IRO standards updates; NextEra notice of penalty on reliability directives; and NERC webinars on risk elements. The presentation will be followed by a question and answer session.

Please contact me with questions, and for the dial-in number and webinar instructions at 614.540.0857 or <u>ailer@amppartners.org</u>.

# AMP promotes safety

By Michelle Palmer, PE – assistant vice president of technical services

AMP continued its mission to help member municipal electric systems invest in a safety culture with two recent safety meetings – helping to enforce utilities' commitment to safety.

There was a strong showing at the Pennsylvania Safety Meeting on April 2 in Hamburg, Pennsylvania, with 47 attendees from 12 members and 18 vendors in attendance. The agenda included topics on safety and new products available.

Twenty one participants from three members attended the Regional Safety meeting on March 31 in Hudson. The event featured a presentation by Chief Jerry Varnes of the Hudson Fire Department on safe work practices in trenches and excavations.

For more information on AMP's safety program offerings, please contact Kyle Weygandt, director of member safety, at <a href="https://kweygandt@amppartners.org">kweygandt@amppartners.org</a> or 330.323.1269.



LEFT: Pennsylvania members gather for a presentation at the Pennsylvania Safety Meeting on April 2.

RIGHT: Chief Jerry Varnes of the Hudson Fire Department discusses safe work practices during the Regional Safety Team Meeting on March 31.



# Outage management, IVR communications systems improve employee effectiveness, customer service

Provided by Hometown Connections

Along with outage management/interactive voice response systems that are installed on-site and maintained by utility personnel, Milsoft Utility Solutions offers a cloudbased solution hosted off site and maintained by Milsoft. There is no hardware and software for the utility staff to maintain. For the City of Napoleon, Ohio, the hosted IVR solution from Milsoft is proving to be a very effective customer service tool.

During a widespread, weather-related outage in July 2014, the high volume of calls reporting outages overwhelmed the city's administration, police dispatch and electric department. Internal communications were nearly impossible as all phone lines were being used to answer customer calls. Tracking outages using the internal messaging and job board method was quickly found to be inadequate. The staff decided that an IVR system would be the best way to proceed in the future. Todd Wachtman, substation specialist for Napoleon Light & Power, said, "Milsoft is a well-established vendor in their market and a Hometown Connections partner. The hosted setup allowed Napoleon to provide very little upfront capital in exchange for a fully functional system. The option to own a system is always there, but the value of hosted solution makes it possible to put that decision off further into the future."

As described by Wachtman, the cloud-based element frees the dispatch from one physical location and allows a dispersed approach. While normally handled by Police Dispatch, an outage that grows too large can have additional dispatchers added instantly by simply having them log in to the system. To assist in large-scale events, the complete dispatch operation can be transferred seamlessly to the county Emergency Operations Center. All that is required for a dispatch center is a solid Internet connection. Wachtman noted, "We chose the Milsoft hosted solution for being flexible, scalable, and fault tolerant." The system now handles all of the outage call traffic for Napoleon Light & Power.

"The most important beneficiaries have been our customers, who now have the instant ability to report a problem with their electric service," Wachtman said. "By simply calling in to the system, they are guaranteed the best level of service from our crews in restoring their power. The electric department staff is now able to focus on managing an outage instead of being inundated with calls. We also have a reliable means to track crew progress on each ticket."

Wachtman added, "The team at Milsoft was absolutely essential to the successful rollout of the system for Napoleon. From the first kickoff phone call, we were assigned a team of individuals to guide us through every aspect of the system setup until our goals were addressed."

- This is an excerpt from an article appearing in the May-June 2015 issue of Public Power magazine.

Week end	ling April 3			
MON \$31.82	TUE \$32.77	WED <b>\$29.46</b>	THU <b>\$27.42</b>	FRI \$28.43
Week end	ling March 27	,		
MON	TUE	WED	THU	FRI
\$40.59	\$33.07	\$29.97	\$32.33	\$37.56
′ ′	ton 2016 5x16	*	*	

# **Energy prices slightly higher**

By Ryan Thompson

Natural gas storage levels were slightly lower than expected this week after a larger than anticipated withdraw, which pushed natural gas prices higher.

Overall, the stock of natural gas in storage is 75 percent above last year and 11 percent below the five-year average. May natural gas prices finished trading yesterday at \$2.71/MMBtu, which is up \$0.04/MMBtu from last week. 2016 on-peak power prices at AD Hub closed up \$0.13/MWh from last week, finishing yesterday at \$41.75/MWh.

## **AFEC** weekly update

By Ryan Thompson

AFEC had another week of continuous operations, staying online for the entire week. The plant operated in 1X1 configuration for Saturday and Sunday to bore scope unit two for an exhaust inspection. All other days AFEC was at base maximum levels for almost all of the on-peak hours over the course of the week.

Duct burners were used only three hours this week, during the midday hours on Friday. The plant ended the week with a 64 percent load factor (based on 675 MW).

# **AMP** welcomes Behrman to Finance Department

By Bob Barnes, CTP, AAP – assistant vice president of treasury & cash management

Peggy Behrman joined AMP's Finance Department this week as a treasury analyst. Her duties will include preparing cash balances, investment balances, interest income, interest expense and loan balance reports for management.



Peggy Behrman

Behrman comes to AMP from Alliance Data Systems, where she was a treasury analyst. She previously worked at St. Vincent Haven as a housing specialist and Ohio Health Corp. as a treasury analyst. She holds a bachelor's degree in accounting from Franklin University and Certified Cash Management designation from the Association for Financial Professionals.

Please join me in welcoming Peggy to AMP.

# **Classifieds**

# **City of Bowling Green seeks** candidates for plant operators

The City of Bowling is seeking candidates for the following positions. A copy of the job description(s) will be provided to applicants. Interested persons must complete an application that is available in the Personnel Department, 304 N. Church St., Bowling Green, OH 43402 or online here. Resumes may be included, but will not substitute for a completed application.

For more information, contact the Personnel Department at 419.354.6200 or BGPersonnel@bgohio.org. Office hours are 8 a.m. to 4:30 p.m. weekdays.

Wastewater Treatment Plant Operator - (\$19.51 -\$24.92 per hour effective April 30, 2015; \$20.49 - \$26.16 with Class III OEPA Certification). Hourly position responsible for oversight of the operation of the wastewater treatment plant, ensuring effluent quality and proper/efficient plant operation. Oversees plant operations; checks equipment; performs lab tests; monitors plant via computer and plant walk through rounds; performs maintenance duties; operates trucks and other equipment; removes Biosolids (hauls sludge); collects samples; attends training; prepares/maintains documentation; performs custodial tasks and other related duties as assigned. Works both indoors and outdoors; works alone; irregular work schedules; must be available to work shift work, weekends and holidays.

High school diploma or equivalent; Ohio Environmental Protection Agency (OEPA) Wastewater Treatment Certifications preferred; valid Class A Commercial Driver's License required or must be able to obtain within six months of hire; must obtain a Class I OEPA Wastewater Treatment Certification within three years of hire; three to five years of relevant experience. Deadline for making application is 4:30 p.m. April 20, 2015. AA/EEO

Water Treatment Plant Operator - (Current: \$19.89 - \$25.40/hour. Effective April 30, 2015: \$20.49 - \$26.16/ hour). This hourly position is responsible for the safe, efficient, and compliant operation and maintenance of the city's Water Treatment Plant. Performs laboratory analyses to determine water quality; oversees plant operations; collects and tests water samples; inspects the water plant and its equipment, and makes necessary adjustments; ensures proper levels of clear-well and water towers; records chemical feed amounts, meter readings, plant flow; maintains records; cleans and paints the plant; trains new employees; performs preventive maintenance of equipment and facility - both electrical and mechanical - (Day shift only); handles hazardous and toxic chemicals – (Day shift only); operates lime application equipment - (Day shift only); conducts tours of the water plant - (Day shift only); and performs other related duties as assigned.

High school diploma or equivalent; Ohio Class III Water Treatment Certification required; Chemical Analysis Certification required, but can obtain after employment; three to five years of relevant experience required.

Deadline for making application is 4:30 p.m. April 6, 2015. AA/EEO

# Assistant village administrator position open in New Bremen

The Village of New Bremen, Ohio (pop. 2,978), a statutory plan village 55 miles North of Dayton, Ohio, is seeking an Assistant Village Administrator. Salary range: \$62,254 - \$76,876/year, plus benefits. New Bremen is a full-service community which operates its own electric, water and wastewater utilities. Position will assist administrator involving the planning, organization, direction and supervision and coordination of the operations and activities of all village departments.

Duties include, but are not limited to, assisting in budgets for all departments, taking over the project tracking database, manage the property maintenance, improving as necessary. Develop annual grant submissions to the Ohio Public Works Commission. The position will evolve into the administrator position by August 2016. Prefer college graduate with bachelor's degree in business administration, engineering or applied science, preferably supplemented by a master's degree and extensive professional experience in public electric utility management, including supervisory experience. A background/credit check, drug screen and medical examination will be administered.

Qualified applicants must submit detailed resume in Word or PDF by 5 p.m. April 10, 2015, to Mayor Jeff Pape via email newbremen@nktelco.net. For more details, visit www.newbremen.com.

# City of Columbus to hold open exams for four positions

The City of Columbus Department of Public Utilities is seeking qualified candidates for the positions of Cable Worker II, Substation Maintenance Supervisor, Line Worker I and Power Line Worker II.

To apply, candidates must first take an open competitive examination. Applications must be submitted to the Civil Service Commission by applying online at www.csc. columbus.gov by April 8, 2015. Paper applications may be picked up at the Civil Service Commission. Contact the Civil Service Commission at 614.645.8300 with questions. EOE

Cable Worker II: Under supervision, this position is responsible for installing, repairing and replacing components of the underground electricity distribution system; will also perform related duties as required. To qualify, candidates must have two years of experience working as a Cable Worker I for the City of Columbus or comparable experience. Substitution: Successful completion of a forCLASSIFIEDS continued from Page 3

mal training program in power distribution may be substituted for six months of the required experience. Must possess a valid Class A. CDL with air brakes endorsement. Salary: \$47,756 - \$76,211.

**Substation Maintenance Supervisor:** Under direction, this position is responsible for supervising and participating in the testing, installation, and maintenance of transformers, switches, regulators, and related electrical distribution equipment; will also perform related duties as required. To qualify, candidates must have three years of experience testing and repairing transformers and installing switches, regulators, and related electricity distribution equipment. Must possess a valid Class A. CDL with air brakes endorsement. Salary: \$46,488 - \$82,118.

**Power Line Worker I:** This position is responsible for assisting in the installation, repair and replacement of components in the overhead power line distribution system. To qualify, candidates must have one year of experience as a Power Line/Cable Worker Trainee or Lamp Servicer with the city of Columbus or comparable experience. Substitution: Successful completion of a formal training program in power distribution may substitute for six months of the required experience. Salary: \$44,054.40 - \$69,347.20.

**Power Line Worker II:** This position will be responsible for installing, repairing, and replacing components of the overhead power line distribution system. To qualify you must have two years of experience as a Power Line Worker I with the City of Columbus or comparable experience. Substitution: successful completion of a formal training program in power distribution may substitute for six months of the required experience. Salary: \$47,756.80 - \$76,211.20.

# Assistant director of electric needed in City of Hamilton

The City of Hamilton, Ohio (pop. 63,000), seeks an Assistant Director of Electric. Salary range: \$87,672 to \$112,341/year, plus benefits. Hamilton is a full-service community which operates its own electric, gas, water and wastewater utilities.

This is responsible professional and administrative work involving the planning, organization, direction and supervision and coordination of the operations and activities of the city's Electric Department.

Prefer college bachelor's degree in business administration, engineering or applied science, preferably supplemented by a master's degree and extensive professional experience in public electric utility management, including supervisory experience. Professional Engineer (PE) registration from Ohio or other equivalent certification from another state is desired but not required.

A background/credit check, drug screen and medical examination will be administered.

Qualified applicants must submit detailed resume in Word or PDF by 5 p.m. April 7, 2015 to: Civil Service Dept., One Renaissance Ctr., 345 High St. (1ST Fl.) Ham-

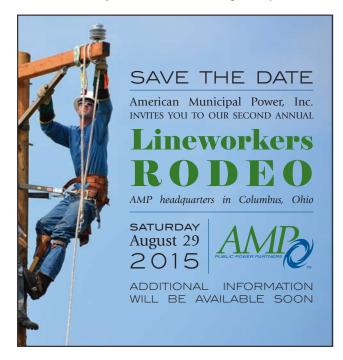
ilton, OH 45011. Apply once via email: <a href="mailton.oh.us">cspersonnel@ci.hamilton.oh.us</a> or fax: 513.785.7037 or via regular US mail. Specify interest in ASST. DIR. OF ELEC. For more details visit: <a href="mailton-city.org/">www.hamilton-city.org/</a>.

The City of Hamilton is an EEO & AAE. Minorities and women are encouraged to apply.

# AMP seeks assistant deputy general counsel candidates

American Municipal Power, Inc. (AMP) is seeking applicants for assistant deputy general counsel. For a complete job description, please visit the "careers" section of the <u>AMP website</u> or email to Teri Tucker at <u>ttucker@amppartners.org</u>.

This position assists with drafting and negotiating legal agreements, and also reviews regulatory filings, orders, notices and other regulatory issuances. Candidates must be admitted to the practice of law in the State of Ohio or is eligible for such admission and will do so within one year of employment (admission in Delaware, Indiana, Kentucky, Maryland, Michigan, Pennsylvania, Virginia or West Virginia is helpful but not required). One to three years of relevant experience is requested, but a recent or upcoming graduate with appropriate background and/or experience will be considered. Experience and knowledge in one or more of the following areas of the law: commercial or financial contracts and transactions, energy/ utilities, municipal, environmental, regulatory.



American Municipal Power, Inc.
1111 Schrock Road • Suite 100
Columbus, Ohio 43229
614.540.1111 • FAX 614.540.1113
www.amppartners.org





# Legislative Bulletin

#### **Ohio Municipal League Legislative Bulletin**

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**Committee Schedule** 

**April 10, 2015** 

The Ohio General Assembly returns from their Spring Break recess next week, resuming committee hearings and voting sessions. Next week we anticipate learning more about what issues members of the Ohio House are interested in including or excluding from the HB 64, the state operating budget bill and how those policy proposals could affect Ohio's cities and villages. The league will be back to issuing our full legislative bulletin next Friday. Below is the list of announced committee hearings for the week of April 13. If there are any additional committee hearings announced, we will add those to our website <a href="https://www.omlohio.org">www.omlohio.org</a>.

Have a great weekend~

#### PRELIMINARY COMMITTEEE SCHEDULE FOR THE WEEK OF APRIL 12, 2015

#### Tuesday, April 14, 2015

Rep. McClain: 614-644-6265

Sen. Balderson: 614-466-8076

#### HOUSE WAYS AND MEANS

Tue., Apr. 14, 2015, 1:30 PM, Hearing Room 121

**HB91** CEMETERIES-PROPERTY TAX (GREEN D) To lengthen the maximum term of a property tax levied for the purpose of operating a cemetery.

First Hearing, Sponsor Testimony

SENATE FINANCE Sen. Oelslager: 614-466-0626

Tue., Apr. 14, 2015, 2:30 PM, Senate Finance Hearing Room

SB5 WORKERS' COMPENSATION-PTSD (PATTON T, BROWN E) To make peace officers, firefighters, and emergency medical workers diagnosed with post-traumatic stress disorder arising from employment without an accompanying physical injury eligible for compensation and benefits under Ohio's Workers' Compensation Law.

Fourth Hearing, All Testimony

**HOUSE FINANCE** Rep. Smith: 614-466-1366

Tue., Apr. 14, 2015, 3:00 PM, Hearing Room 313

OPERATING BUDGET (SMITH R) To make operating appropriations for the biennium beginning July 1, 2015, and ending June 30, 2017, and to provide authorization and conditions for the operation of state programs.

Eighth Hearing, No Testimony, SUBSTITUTE BILL

#### SENATE ENERGY AND NATURAL RESOURCES

Tue., Apr. 14, 2015, 4:00 PM, North Hearing Room

HB8 OIL-GAS LAW (HAGAN C) To revise provisions in the Oil and Gas Law governing unit operation, including requiring unit operation of land for which the Department of Transportation owns the mineral rights.

First Hearing, Sponsor Testimony

#### Wednesday, April 15, 2015

HOUSE FINANCE Rep. Smith: 614-466-1366

Wed., Apr. 15, 2015, 9:00 AM, Hearing Room 313

HB64 OPERATING BUDGET (SMITH R) To make operating appropriations for the biennium beginning July 1, 2015, and ending June 30, 2017, and to provide authorization and conditions for the operation of state

programs.

Ninth Hearing, All Testimony

#### SENATE TRANSPORTATION, COMMERCE AND LABOR

Wed., Apr. 15, 2015, 10:15 AM, North Hearing Room

INDUSTRIAL COMMISSION BUDGET (HACKETT R) To make appropriations for the Industrial Commission for the biennium beginning July 1, 2015, and ending June 30, 2017, and to provide authorization and conditions for the operation of Commission programs.

Sen. Manning: 614-644-7613

First Hearing, Sponsor/All Testimony

HB52 WORKERS' COMPENSATION BUDGET (HACKETT R) To make changes to the Workers' Compensation Law, to make appropriations for the Bureau of Workers' Compensation for the biennium beginning July 1, 2015, and ending June 30, 2017, and to provide authorization and conditions for the operation of the Bureau's programs.

First Hearing, Sponsor/All Testimony

#### Thursday, April 16, 2015

HOUSE FINANCE Rep. Smith: 614-466-1366

Thu., Apr. 16, 2015, 9:00 AM, Hearing Room 313

OPERATING BUDGET (SMITH R) To make operating appropriations for the biennium beginning July 1, 2015, and ending June 30, 2017, and to provide authorization and conditions for the operation of state programs.

**Tenth Hearing, All Testimony** 

April 10, 2015



AMP Technical Services Conference attendees tour the Vendor Expo, which highlights the latest in industry products and services.

# AMP's 2015 Technical Services Conference covers safety, reliable system services

By Michelle Palmer, PE - assistant vice president of technical services

AMP's 2015 Technical Conference was well attended April 8-9, with approximately 100 vendors and members from Maryland, Michigan, Ohio and Pennsylvania.

The agenda included:

- Fall Protection Mike Willetts, MMUA
- Mutual Aid: Meet Mutual Aid Coordinators Bob Rumbaugh, AMP
- Substation Maintenance Alan Holt, PE, Premier Power
- Safety: Team Building for Safety Kyle Weygandt, AMP
- Smart Grid George Bjelovuk, AMP
- NERC Brian Evans-Mongeon, Utility Services
- Hometown Connections Steve VanderMeer
- Batteries 101: The Care and Feeding of Your Substation Battery Marty Hibbard, PE, AMP
- AMP Solar Phase II Project Alice Wolfe, AMP
- Department of Energy 2016 Changes Pam Rost, ABB

Thank you to all our speakers, attendees and vendors for making our 2015 Technical Conference a success.

AMP's technical services event and training schedule is available on the Member Extranet section of the AMP website.

# Mild end of March offsets cold first week

By Mike Migliore – assistant vice president of power supply planning & transmission

Although the PJM system did see some high prices and congestion on March 5, 6 and 7, the month as a whole was relatively calm and uneventful. Prices and congestion were much lower than February.

Power rates were also considerably lower than March 2014, when the gas market was left short on supply from periods of extreme widespread cold in January and February. Congestion into FirstEnergy (FE) increased from last month due to nuclear refueling outages in the FE area during March.

Although PJM did set an all-time winter peak in February, no generation emergencies or demand response requests were declared by PJM during the past winter season.

# AVERAGE DAILY RATE COMPARISONS

	March	February	March	
	2015	2015	2014	
	\$/MWh	\$/MWh	\$/MWh	
A/D Hub 7x24 Price	\$33.07	\$49.23	\$55.39	
PJM West 7x24 Price	\$39.92	\$75.79	\$69.44	
A/D to AMP-ATSI	\$2.89	\$1.77	\$7.08	
Congestion/Losses				
A/D to Blue Ridge	-\$0.10	\$21.50	\$9.58	
Congestion/Losses				
A/D to PJM West	\$6.84	\$26.56	\$14.04	
Congestion/Losses				
PJM West to PP&L	-\$2.58	\$21.71	\$2.21	
Congestion/Losses				
IND Hub to A/D Hub	\$2.87	\$8.82	\$8.48	
Congestion/Losses				

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# PJM seeks to delay 2018/2019 capacity auction

By Chris Norton – director of market regulatory affairs

On April 7, 2015, PJM filed a request to delay the 2018/2019 RPM Base Residual Auction (BRA). PJM asked the Federal Energy Regulatory Commission (FERC) to waive the requirement to hold the BRA in May 2015 pending FERC's decision on PJM's Capacity Performance proposal.

In the filing, PJM asked FERC to allow it to hold the BRA 30 days to 75 days after FERC issues an order on the Capacity Performance filing, but no later than Aug, 14, 2015. PJM also requested that FERC shorten the time allowed for comments on the waiver filing and that FERC issue an order on the waiver request by April 24, 2015.

PJM's Capacity Performance proposal will significantly change the requirements for resources committed as capacity. In its April 7 filing, PJM stated that if FERC does not accept the CP filing largely as is, or if FERC orders a hearing on the CP filing, then PJM would hold a BRA in the July to August time period using the existing RPM rules. If FERC rejects or does not act on the waiver by April 24, 2015, PJM would hold the BRA using the existing rules during the currently scheduled time period of May 11 through May 15, 2015, and post the results on May 22, 2015.

AMP is monitoring the situation and will provide information to the members as it becomes available.

## **AFEC** weekly update

By Craig Kleinhenz - manager of power supply planning

After a good production day last Friday that saw the plant generating at base maximum levels during most of the daytime hours, AFEC began its planned spring maintenance outage.

AFEC has been online all but 10 days so far this year, and five of those were the holiday weekend of Jan. 1-5. The plant has a load factor of 70 percent through April 3, including 66 percent in January, 74 percent in February and 69 percent in March (based on 675 MW).

#### MARCH OPERATIONS STATISTICS

	March 2015	March 2014
JV6 Wind Output	23%	30%
Belleville Output	86%	93%
Fremont Energy Center Output	69%	61%
Blue Creek Wind Output	29%	35%
Napoleon Solar Output	20%	13%
Prairie State Output	55%	44%
Avg. A/D Hub On-Peak Rate	\$35/MWh	\$65/MWh

- \*Fremont capacity factor based on 675 MW rating
- \*Solar capacity factor based on 3.54 MW rating
- \*PS capacity factor based on 1,582 MW rating

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

\$33.11 \$32.69 \$35.64 \$33.77 \$29.  Week ending April 3  MON TUE WED THU FR \$31.82 \$32.77 \$29.46 \$27.42 \$28.	Week end	ding April 10			
MON TUE WED THU FR \$31.82 \$32.77 \$29.46 \$27.42 \$28.					FRI <b>\$29.69</b>
\$31.82 \$32.77 \$29.46 \$27.42 \$28.	Week end	ding April 3			
	MON	TUE	WED	THU	FRI
AFD/D	\$31.82	\$32.77	\$29.46	\$27.42	\$28.43
AEP/Dayton 2016 5x16 price as of April 10 — \$41.50 AEP/Dayton 2016 5x16 price as of April 3 — \$41.75	, ,		*	*	

# Deal joins AMP's energy policy, sustainability team

By Randy Corbin - assistant vice president for energy policy & sustainability

David Deal joined AMP this week as director of energy policy and sustainability. He will be responsible for the day-to-day implementation and coordination of Board- and executive management-approved sustainability programs and functions throughout the organization, as well as energy policy analysis.



David Deal

Prior to AMP, Deal served as a sustainability and energy services project manager for Heapy Engineering - specifically green building certifications and energy audits - and previously worked in organizational and strategic planning for an architecture and planning firm in the Pittsburgh area.

Deal holds a bachelor's degree in biology from Kenyon College and a master's degree in environmental science and management from Duquesne University.

He is also an active member of the Central Ohio Chapter of the U.S. Green Building Council.

Please join me in welcoming Dave to AMP.

## Energy markets close lower

By Craig Kleinhenz

Natural gas storage levels came in higher than expected, causing both natural gas and power prices to fall. Overall, the stock of natural gas in storage is 79 percent above last year and 10.5 percent below the five-year average. Market analysts are hoping for more coal-to-gas switching this spring to offset the current strong natural gas production numbers relative to demand.

May natural gas prices finished trading yesterday at \$2.53/MMBtu, which is down \$0.18/MMBtu from last week. Prompt month natural gas prices are now at their lowest point since June 2012. 2016 on-peak power prices at AD Hub closed down \$0.25/MWh from last week, finishing yesterday at \$41.50/MWh (compared to around \$47/ MWh in June of 2012).

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# **FERC rejects PJM demand** response proposal

By Chris Norton

On March 31, 2015, the Federal Energy Regulatory Commission (FERC) issued an order rejecting a PJM Jan. 14, 2015, filing to modify how demand response (DR) is treated in the Reliability Pricing Model (RPM). The rejection was without prejudice to PJM, meaning that PJM may refile the proposal at a later date depending on the potential Supreme Court review of the case. FERC stated that the proposal is premature and would restrict the commission's options in responding to the Appeals Court ruling if the Supreme Court upholds the lower court rulings. A decision from the Supreme Court is expected sometime this spring or early summer.

The PJM filing proposed changing the RPM rules so that DR can no longer offer as a capacity resource and receive capacity payments. Instead, DR would be allowed to offer into the RPM auctions as a reduction in the load forecast, thereby reducing the amount of capacity that PJM purchases. PJM proposed the change in response to Appeals Court ruling that FERC does not have jurisdiction over DR and therefore DR is not allowed to receive revenue from the wholesale markets.

The outcome of this issue could have a significant impact on AMP members both in the ability for DR to participate in RPM as well as the potential for resettlements of past capacity years. AMP is continuing to monitor this issue and will provide information to the members as it becomes available.

# AMP's 2015 Joint Purchase Program prices available

By Jennifer Flockerzie - technical services program coordinator

The price results from AMP's Joint Purchasing Alliance Program are in and available upon request. Members that did not turn in quantity sheets for the 2015 Joint Purchase are welcome to contact AMP for pricing of the following items:

- Poles Western Red Cedar and Southern Yellow Pine
- Various sized pole and pad-mounted transformers
- Overhead primary and secondary wire (various sizes)
- Primary and secondary underground cable (various
- 100A polymer cutouts
- 15kV pin insultaors
- 10kV distribution arrestors
- Line ties
- Armor rods
- 150 HPS cobrahead street light fixtures and photo-
- LED street light heads, flood lights and photcells
- Form 2S and 9S meters

Please contact me for the 2015 Joint Purchase prices with questions or for more information at 614.540.0853 or iflockerzie@amppartners.org.

# Finance & Accounting **Subcommittee Meeting covers** issues regarding financial soundness for members

By Joe Regan – member credit compliance analyst

The City of Piqua hosted members from several AMP communities on April 9 for an AMP Finance & Accounting Subcommittee meeting.

Dawn Lund, vice president of Utility Financial Solutions, started the meeting with a discussion on performing a financial checkup for utilities. Lund's discussion covered a variety of financial topics and best practices intended to provide a total picture of the overall condition of a utility.

Lund was followed by Jim Moore of Kensington Capital Advisors, who provided a primer on hedging bond financings. Specifically, Moore discussed how hedging is an important tool used to maximize savings for debt issuance for AMP project participants.

Moore was followed by Tom Luebbers, partner with Dinsmore & Shohl, who covered economic development techniques. Specifically, Luebbers discussed economic development bonds and how they can be used to benefit a local community.

Following lunch, I led a discussion on the AMP credit scoring program. I discussed the credit scoring program and provided insight on a few things AMP members can do to strengthen their credit scores. Additionally, I discussed how rating agencies use the AMP credit scoring program by providing examples of recent rating agency releases that mention the AMP credit scoring program in their reviews.

Alice Wolfe, AMP assistant vice president of power supply planning and alternative generation, closed out the day with a discussion on AMP solar projects. Specifically, Wolfe covered the AMP Solar Phase II project and how it can be used to help AMP members with peaking needs.

The next Finance & Accounting Subcommittee meeting will be held May 7 in Oberlin. All interested parties from municipalities are welcome to attend. Please RSVP to either me at jregan2@amppartners.org or 614.540.6913, or Chris Deeter at cdeeter@amppartners.org or 614.540.0848.

# 2015 OMEA Legislative Day & Mayors' Reception

Registration information for the 2015 OMEA Legislative Day & Mayors' Reception was mailed earlier this week. The event will be held May 19 at the Vern Riffe Center in Columbus. Registration materials are also available on the Member Extranet section of the AMP website. Please contact Jodi Allalen, government affairs coordinator, at jallalen@amppartners.org or 614.540.0916 for questions or more information.

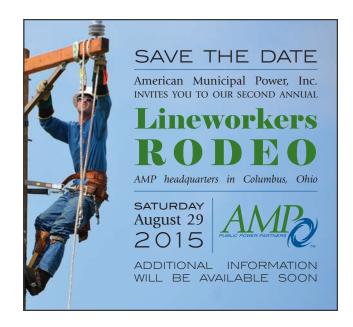
# AMP notifies scholarship finalists, Board to decide recipients in May

By Karen Ritchey – manager of communication programs

Finalists for the 2015 AMP Richard H. Gorsuch and Lyle B. Wright scholarships have been notified. Scholarship finalists were chosen based on a public power essay, and will now take an online public power test and complete a form noting their achievements for the AMP Board of Trustees to review.

The Board will decide recipients based on their test score, personal achievements and scholastic record. Up to four Gorsuch and four Wright scholarship recipients will be determined and recipients will be notified by the end of May.

Since the program began in 1988, AMP has awarded \$256,000 in scholarships. Please contact me with questions at 614.540.0933 or kritchey@amppartners.org.



# **Classifieds**

### Lineworker needed in Bradner

The Village of Bradner is accepting applications for a qualified fulltime electrical lineworker position. Candidates must possess a high school diploma, five years of general electrical utilities experience, distribution lines, and substations, as well as the ability to respond to necessary field work on a daily and emergency basis.

Water and waste water experience is preferred, but not necessary. Candidate must be willing to obtain these licenses if not currently held. A valid driver's license is required. A Class A CDL with air brake endorsement is required or must be obtained within six months of hire. This position will report to the Utility Superintendent. Salary commensurate with experience plus an excellent benefit package.

Applications and complete job description can be obtained at the village offices, located at 130 N. Main St., Bradner, OH 43406 or by contacting the fiscal officer at 419.288.2890. The Village of Bradner is an Equal Opportunity Employer.

# City of Bowling Green seeks candidates for plant operator

The City of Bowling Green is seeking candidates for a wastewater treatment plant operator. A copy of the job description will be provided to applicants. Interested persons must complete an application that is available in the Personnel Department, 304 N. Church St., Bowling Green, OH 43402 or online here. Resumes may be included, but will not substitute for a completed application.

For more information, contact the Personnel Department at 419.354.6200 or BGPersonnel@bgohio.org. Office hours are 8 a.m. to 4:30 p.m. weekdays.

Wastewater Treatment Plant Operator - (\$19.51 - \$24.92 per hour effective April 30, 2015; \$20.49 - \$26.16 with Class III OEPA Certification). Hourly position responsible for oversight of the operation of the wastewater treatment

plant, ensuring effluent quality and proper/efficient plant operation. Oversees plant operations; checks equipment; performs lab tests; monitors plant via computer and plant walk through rounds; performs maintenance duties; operates trucks and other equipment; removes Biosolids (hauls sludge); collects samples; attends training; prepares/maintains documentation; performs custodial tasks and other related duties as assigned. Works both indoors and outdoors; works alone; irregular work schedules; must be available to work shift work, weekends and holidays.

High school diploma or equivalent; Ohio Environmental Protection Agency (OEPA) Wastewater Treatment Certifications preferred; valid Class A Commercial Driver's License required or must be able to obtain within six months of hire; must obtain a Class I OEPA Wastewater Treatment Certification within three years of hire; three to five years of relevant experience. Deadline for making application is 4:30 p.m. April 20, 2015. AA/EEO

# **AMP** seeks assistant deputy general counsel candidates

American Municipal Power, Inc. (AMP) is seeking applicants for assistant deputy general counsel. For a complete job description, please visit the "careers" section of the AMP website or email to Teri Tucker at tucker@amppartners.org.

Candidates must be admitted to the practice of law in the State of Ohio or is eligible for such admission and will do so within one year of employment (admission in Delaware, Indiana, Kentucky, Maryland, Michigan, Pennsylvania, Virginia or West Virginia is helpful but not required). One to three years of relevant experience is requested, but a recent or upcoming graduate with appropriate background and/or experience will be considered. Experience and knowledge in one or more of the following areas of the law: commercial or financial contracts and transactions, energy/utilities, municipal, environmental, regulatory.