# Memorandum

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

Subject: General Information

Date: September 5, 2014

#### **CALENDAR**

## MONDAY, SEPTEMBER 8th

- 1. AGENDA **ELECTRIC COMMITTEE** @ 6:30 pm
  - a. Approval of Minutes the August 11, 2014 meeting minutes are attached.
  - b. Review/Approval of Electric Billing Determinants for September, 2014 the reports are enclosed
  - c. Review of Electric Rate Design (Tabled)
  - d. Electric Department Report August 2014
- 2. AGENDA BOARD OF PUBLIC AFFAIRS @ 6:30 pm
- 3. AGENDA WATER & SEWER COMMITTEE @ 7:00 pm
  - a. *Approval of Minutes* the minutes from meetings held on August 11<sup>th</sup> and 16<sup>th</sup> are attached.
  - b. Review of Sewer Lateral Charge for Multi-Story Discount enclosed is information Greg put together.
- 4. CANCELLATION Municipal Properties/ED Committee

### TUESDAY, SEPTEMBER 9<sup>TH</sup>

- 1. AGENDA Board of Zoning Appeals @ 4:30 pm
  - a. Approval of Minutes: BZA14-01 23 Lakeview Dr., Rear Yard Setback Variance
  - b. New Business: 14-02 11 Lakeview Dr., Front Yard Setback Variance and BZA 14-03 1009 W. Washington St., Side Yard Setback Variance
- 2. CANCELLATION Planning Commission

MI:rd Records Retention CM-11 - 2 Years

	- 1	Augi	ust 2	2014	4	
S	М	Т	W	Т	F	S
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3	4	5	6	7	8	9
10	[11]	12	13	14	15	16
17					22	
24	25	26	27	28	29	30
31		• • • • •				••••



October 2014						
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5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	
		• • • • •	• • • • •			

## Calendar

<u> </u>						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
31	1	2	3	4	5	6
Bisher - up North	HOLIDAY - Labor Day - City C	7:00 PM City COUNCIL				
	Bisher - up North	Meeting				
		Bisher - up North				
7	8	9	10	11	12	13
	6:30 PM ELECTRIC	4:30 PM Board of Zoning				
	Committee	Appeals Meeting				
	Board of Public Affairs	Appears weeting				
	7:00 PM WATER/SEWER					
	Committee					
	Committee					
1						
4.4	45	10	4=	10	10	
14	15	16	17	18	19	20
	6:00 PM City TREE Commission Meeting		AMP	AMP		
	Commission Meeting					
	6:15 PM PARKS & REC					
	Committee Meeting					
	7:00 PM City COUNCIL					
	Meeting					
21	22	23	24	25	26	27
21	6:30 PM FINANCE &		6:30 PM Parks & Recreation			-1
	BUDGET Committee Meeting					
	BUDGET Committee Meeting		Board Meeting			
	7:30 PM SAFETY & HUMAN					
1	RESOURCES Committee					
	Meeting					
1						
			<del> </del>	<u> </u>		
28	29	30	1	2	3	4
	Seasonal Cleanup - Week	Seasonal Cleanup - Week	Seasonal Cleanup - Week	Seasonal Cleanup - Week	Seasonal Cleanup - Week	
1						

# City of Napoleon, Ohio

# ELECTRIC COMMITTEE

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

# Meeting Agenda

# Monday, September 8, 2014 at 6:30 PM

- I. Approval of Minutes (In the Absence of any Objections or Corrections, the Minutes Shall Stand Approved)
- II. Review/Approval of the Electric Billing Determinants for September: Generation Charge: Residential @ \$0.08870; Commercial @ \$0.11225; Large Power @ \$0.05417; Industrial @ \$0.05417; Demand Charge Large Power @ \$15.57; Industrial @ \$16.40; JV Purchased Cost: JV2 @ \$0.03917; JV5 @ \$0.03917
- III. Review of Electric Rate Design (Tabled)
- IV. Electric Department Report
- V. Any Other Items to Come Before the Committee
- VI. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

### City of Napoleon, Ohio

### **ELECTRIC COMMITTEE**

## **Meeting Minutes**

Monday, August 11, 2014 at 6:30 pm

PRESENT

**Members** 

**Board Of Public Affairs** 

**City Staff** 

Travis Sheaffer – Chair (arrived at 6:42 pm), John Helberg, Jason Maassel Keith Engler – Chair, Mike DeWit, Dr. David Cordes (arrived at 6:38 pm)

Monica S. Irelan, City Manager

Dr. Jon A. Bisher, Special Projects Clerk Dennis Clapp, Electric Superintendent

Gregory J. Heath, Finance Director/Clerk of Council

Trevor M. Hayberger, Law Director

Ronald A. Behm, Mayor

**Recorder** Tammy M. Fein

Others News Media: .

News Media; John Courtney and Scott Wiesing, Courtney & Associates

ABSENT

Members Others

Call To Order

Chairperson Engler called the meeting to order at 6:30 pm.

Committee member Maassel called the meeting to order at 6:30 pm.

**Approval Of Minutes** 

The July 14 meeting minutes stand approved as presented with no objections or corrections.

Review Of Electric Rate Design: Courtney & Associates (Tabled)

**BOPA Motion To Untable Review Of Electric Rate** 

**Design** 

Motion: DeWit Second: Cordes
To untable review of Electric Rate Design

**Passed** 

Yea- 3

Nay- 0

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

Nay-

**Electric Motion To Untable Review Of Electric Rate** 

Design

Motion: Maassel Second: Sheaffer

To untable review of Electric Rate Design

**Passed** 

Yea- 3

Nay- 0

Roll call vote on above motion: Yea- Sheaffer, Maassel, Helberg

Nav-

Discussion

John Courtney, Courtney & Associates, distributed an overview of the presentation entitled Sample Electric Rate Schedules; see attached.

Courtney overviewed the discussion of the July 21 Council meeting regarding the current rate structure used by the City, comparing the information to the bundled rates and unbundled rates formats. Courtney stated that the customer will continue to pay the same amount, but the

# **Review Of Electric Rate Design Continued**

charges are distributed differently in the different formats as listed.

Engler asked if the outline was for one (1) month at a time; Courtney stated that each month was a new calculation of the Power Supply Cost Adjustment for the three (3) month rolling average; as demonstrated in the Determination of Monthly Power Supply Cost Adjustment Factor page in the packet. Courtney stated the current losses are approximately seven percent (7%), which would stay approximately the same with the new rate structure; adding that the current rate structure guarantees that the Power Cost is collected due to the units being figured before the billing, however the new rate structure will use a three (3) month rolling average.

Heath asked how the Base Cost was calculated; Courtney replied that it was the average of 2013, the same time period used to research the Generation Charge. Heath reminded the Board and Committee that there would not be a floating overall rate; now there would be a different fixed Generation Charge for each rate, with a monthly variable Power Supply Cost adjustment.

Engler asked Heath's opinion of the rolling average rate structure; Heath replied that in terms of the computation, the three (3) month rolling average structure is easier. Heath added that the new structure would be a Policy issue change for use in Economic Development; Large Power customers would be able to average their utility use, allowing the Industrial Rate customers to budget their usage more effectively. DeWit stated that he was concerned that the City is assuming the liability if there are any dramatic rate increases; adding that there will be bills coming in that are not covered. Courtney stated that would never happen with the new rate structure; the amount will continue to roll up or down, sometimes by thousands of dollars, and this is built into the Base Rates. Engler believes the new rate structure should be adopted since it makes the Industrial Rate customer happier and there is no risk to the City. Courtney stated that he recommends the Bundled Rate Schedule, not the Unbundled Rate Schedule; the Unbundled Rate structure has two (2) additional charges on the bill causing more complication in the billing process. Cordes asked if the Bundled Rate Structure would be easier for Heath; Heath stated there is certain statistical information that is valuable from the current process, and this information will still be needed regardless of which rate structure is adopted. Heath added the push for the new rate structure is from the customer side of the bill. Engler believes the Bundled Structure would be easier for the Residential customers to understand. Heath stated that under the current structure there is a floating demand, and the new rate structure will combine this, converting the adjustment to the Energy Cost. Courtney added that the Power Cost adjustment will be driven by the Demand Cost and the Energy Cost; Courtney suggested researching the Base Cost of Service when there is a major change in the aggregates, adding that AMP suggests every five (5) years.

Bisher stated that the City had Bundled Rates but went to Unbundled Rates during deregulation when cities were concerned that they would be required to open their markets; Bisher added that legislatively the City's market is closed and this will not be a concern. Bisher stated that an issue

# **Review Of Electric Rate Design Continued**

that needs to be considered is the increased assets and debt service payments now held by the City. Courtney added that the rates as listed in the presentation are exclusive of the Kilowatt Hour Tax.

Helberg stated that the Unbundled Structure would make it easier for Large Power customers to see exactly how the bill is broken down; asking if the Demand Charges should be unbundled to keep the Economic Development pretense. DeWit believes that whatever is the most advantageous to economic development for the City would be the best course to take, and suggested using the Bundled Rate Structure to make the bill more summarized for the Residential customers. Heath stated that this is a rate calculation, adding that statistical data was given to Courtney so he may try to compute the differences in rate structures. Heath stated that the Large Power customers currently receive a detailed computation breakdown of the charges, all other customers get a summary of the charges. Helberg stated that he is looking for a line item to show how the rate is computed; Courtney replied that this would not be an appropriate comparison. Courtney restated that he recommends a Bundled Rate Structure. Helberg asked if this would be an easy transition; Courtney stated that it would, and Heath will continue to track consumption and detail. Cordes asked if a hybrid of Bundled and Unbundled rate structures could be created; Courtney stated that it could. Engler believes that too many lines on the bill is confusing for the Residential customers; Cordes believes that more information is better. Heath stated the new rate structure would be effective January 1, 2015, adding that Courtney would take the statistical data to make the comparison computations; adding that the current rate structure will continue to add the \$60,000 until a new structure is in effect. Irelan suggested using the Bundled Rate Structure, as this is what she has been asked for from the customers, adding that less numbers on the bills may be more appropriate for the customers. Irelan added that bidding against other customers at the State Level would be easier with the Bundled Rate Structure; having a stable Base Rate makes the City more competitive.

Engler believes there is enough information available to make an informed decision tonight; Cordes stated he is leaning toward the hybrid Rate Structure while Engler stated that he is leaning toward the Bundled Rate Structure for the smaller businesses to be less confusing; DeWit stated that he is comfortable with either rate structure. Courtney stated that not all customers need the same rate structure; reminding the Board and Committee that the Industrial customers already receive a detailed bill structure. Maassel asked when the last time the Base Rate was researched; Courtney stated that the Base Rate is researched every time a Cost Study is done, and the last update was completed in 2013; adding that at this time the Interdepartmental Cost of Service was recommended to be changed to the regular Commercial Rate. Helberg asked how this would affect the rate levelization program; Courtney replied that it would not.

**BOPA Motion To Table Review Of Electric Rate Design**  Motion: DeWit Second: Cordes

To table the review of the Electric Rate Design until the September meeting

Passed Roll call vote on above motion: Yea- 3 Yea- Cordes, DeWit, Engler Nav-

Nay-0

**Council Motion To Table Review Of Electric Rate Design** 

Motion: Helberg Second: Maassel

To table review of the Electric Rate Design until the September meeting

**Passed** Roll call vote on above motion: Yea-3 Yea- Sheaffer, Maassel, Helberg Nav- 0 Nav-

**Approval Of Electric Billing Determinants** 

The electric billing determinants for August were presented for review.

**BOPA Motion To Approve Electric Billing Determinants**  Motion: DeWit Second: Cordes

To recommend approval of electric billing determinants for August 2014

as follows:

Generation Charge: Residential @ \$0.09399; Commercial @ \$0.11813; Large Power @ \$0.05618; Industrial @ \$0.05618; Demand Charge Large Power @ \$15.16; Industrial @ \$15.71; JV Purchased Cost: JV2 @

\$0.03348; JV5 @ \$0.03348.

**Passed** Roll call vote on above motion: Yea-3 Yea- Cordes, DeWit, Engler Nav- 0 Nav-

**Motion To Accept BOPA Recommendation For Approval Of Electric Billing Determinants** 

Motion: Maassel Second: Helberg

To accept the BOPA recommendation for approval of electric billing

determinants for July 2014 as follows:

Generation Charge: Residential @ \$0.09399; Commercial @ \$0.11813; Large Power @ \$0.05618; Industrial @ \$0.05618; Demand Charge Large Power @ \$15.16; Industrial @ \$15.71; JV Purchased Cost: JV2 @

\$0.03348; JV5 @ \$0.03348.

**Passed** Roll call vote on above motion: Yea-3 Yea- Sheaffer, Maassel, Helberg Nay- 0 Nay-

**BOPA Motion To Approve Residential Billing Determinants** 

Second: Cordes Motion: DeWit

To approve Residential billing determinants that were not directly listed on

the printed Agenda

**Passed** Roll call vote on above motion: Yea- Cordes, DeWit, Engler Yea-3 Nay- 0 Nav-

**Motion To Accept BOPA Recommendation For Approval Of Residential Billing Determinants** 

Motion: Maassel Second: Helberg

To accept BOPA recommendation for approval of the Residential billing

determinants that were not directly listed on the printed Agenda

Roll call vote on above motion: Passed Yea-3 Yea- Sheaffer, Maassel, Helberg Nay- 0 Nay-Clapp gave the Electric Department Report; see attached. **Electric Department Report Electric Motion To Adjourn** Motion: Maassel Second: Helberg To adjourn the Electric Committee meeting at 7:29 pm Roll call vote on above motion: **Passed** Yea-3 Yea- Sheaffer, Maassel, Helberg Nay- 0 Nay **BOPA Motion To Adjourn** Motion: DeWit Second: Cordes To adjourn the meeting at 7:29 pm Roll call vote on above motion: **Passed** Yea-3 Yea- Cordes, DeWit, Engler Nay- 0 Nay-

Travis Sheaffer, Chair

Date

BILLING DETERMINANTS for E	<b>SILLING CY</b>	CLE - SEF	PTEMBER, 2	<u>2014</u>					
2014 - SEPTEMBER BILLING WITH AUGUST 20									
PREVIOUS MONTH'S POWER BILLS - P	URCHASED PO	WER KWH AN	ID COST ALLO	CATIONS BY D	EMAND & ENE				
DATA PERIOD	MONTH			DAYS IN MONTH		MUNICIPAL PEAK			
MP-Ohio Bill Month	JULY, 2014			31		29,033			
City-System Data Month	AUGUST, 2014			31					
City-Monthly Billing Cycle	September, 2014			30					
1	AMPGS	AMPGS	FIRST ENERGY			AMP SOLAR	PRAIRIE STATE	NORTHERN	FREEMONT
PURCHASED POWER-RESOURCES -> (			REM.REQUIREMENT	AMP CT	NYPA		SCHED. @ PJMC 8	POWER	ENERGY
FORCHASED FOWEN-RESOURCES -> (	2014 5x16 @ AD	2014 7x24 @ AD		SCHED. @ ATSI	SCHED. @ NYIS		REPLMT@ PJMC	POOL	SCHEDULED
Delivered kWh (On Peak) ->	1,760,000	744,000	2,363,316	46,350	539,426	178,021	3,120,207	700,141	2,336,9
Delivered kWh (Off Peak) ->	1,1 00,000	7 7 1,000	2,000,010	10,000	000,120	110,021	0,120,201	764,148	2,000,0
Delivered kWh (Replacement/Losses/Offset) ->								. , .	
Delivered kWh (Credits) ->								-509,976	
Net Total Delivered kWh as Billed ->	1,760,000	744,000	, ,		539,426	178,021	3,120,207	954,313	2,336,91
Percent % of Total Power Purchased->	12.2216%	5.1664%	16.4111%	0.3219%	3.7458%	1.2362%	21.6670%	6.6269%	16.2278
OWED COSTS OF ENERGY DEMAND BEACTI	/F TAVEC FEEC	ODEDITO & OTHER	D AD ILICTMENTS.						
POWER - COSTS OF ENERGY, DEMAND, REACTIVE DEMAND CHARGES (+Debits)	L, IAAES, FEES,	UNEDITO & UTITE!	ADJUSTMENTS:						
Demand Charges (+Debits) Demand Charges				\$27,510.15	\$6,521.55		\$44,379.77		\$31,245.7
Debt Services (Principal & Interest)			1	Ψ27,010.13	ψυ,υ21.00		\$118,258.70		\$44,194.2
Capital Improvements							\$1.1 <b>0,200.70</b>		Ţ.,,OT.E
Working Capital			1						
Bill Adjustments (General)									
DEMAND CHARGES (-Credits)									
Transmission Charges (Demand-Credits)				-\$13,704.18		-\$126.33			
Capacity Credit				-\$33,658.04	-\$2,906.61		-\$16,905.05		-\$32,653.8
Bill Adjustments (General)									
Sub Total Damand Charges	\$0.00	\$0.00	\$0.00	-\$19,852.07	\$2.614.04	-\$126.33	¢145 722 42	\$0.00	¢40.706.1
Sub-Total Demand Charges	\$0.00	\$0.00	\$0.00	-\$19,852.07	\$3,614.94	-\$120.33	\$145,733.42	\$0.00	\$42,786.1
ENERGY CHARGES (+Debits or Adjustments):									
Energy Charges - (On Peak)	\$123,956.80	\$45,145.92	\$82,597.89	\$4,196.96	\$8,159.24	\$15,131.76	\$39,198.61	\$30,090.90	\$79,983.1
Energy Charges - (Replacement/Off Peak)	Ψ120,000.00	φ+0,1+0.02	ΨΟΣ,ΟΟ1.ΟΟ	ψ4,100.00	ψ0,100.24	ψ10,101.70	φου, του.υ τ	\$27,260.62	Ψ70,000.1
Net Congestion, Losses, FTR	\$5,215.68	\$1,348.89			-\$1,239.80		\$12,765.08	<b>*</b> =-,=====	\$6,224.1
Fransmission Charges (Energy-Debits)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	. ,			, ,		\$32,835.09		*-/
ESPP Charges							. ,		
Bill Adjustments (General & Rate Levelization)									\$82.1
ENERGY CHARGES (-Credits or Adjustments):									
Energy Charges - On Peak (Sale or Rate Stabilization)								-\$19,487.51	
Net Congestion, Losses, FTR									
Bill Adjustments (General & Rate Levelization)							-\$4,836.58		
Sub-Total Energy Charges	\$129,172.48	\$46,494.81	\$82,597.89	\$4,196.96	\$6,919.44	\$15,131.76	\$79,962.20	\$37,864.01	\$86,289.4
Sub-Total Ellergy Charges	\$129,172.40	\$40,434.01	φ02,397.09	\$4,190.90	\$0,515.44	\$13,131.70	\$75,502.20	\$37,004.01	φου,209.4·
COMBINED DEMAND & ENERGY (Debits & Credits	Allocated by Ratio	between Demand	d & Energy) - Servi	ce Fees, Billina and	d Rate Adiustment	s:			
RPM Charges Capacity - (+Debit)					,				
RPM Charges Capacity - (-Credit)									
Service Fees AMP-Dispatch Center - (+Debit/-Credit)									
Service Fees AMP-Part A - (+Debit/-Credit)									
Service Fees AMP-Part B - (+Debit/-Credit)									
Other Charges & Bill Adjustments - (+Debit/-Credit)									·
City Rate Adjustment in Cost of Power (1)									
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
	\$U.UU	30.00	\$U.UU	\$0.00	30.00	\$U.UU	30.00	ş0.00	\$0.0
TOTAL - ALL COSTS TO ALLOCATE	\$129,172.48	\$46,494.81	\$82,597.89	-\$15,655.11	\$10,534.38	\$15,005.43	\$225,695.62	\$37,864.01	\$129,075.6
Purchased Power Resources - Cost per kWH->	\$0.073393	\$0.062493	\$0.034950	-\$0.337759	\$0.019529	\$0.084290	\$0.072334	\$0.039677	\$0.05523
IOTES: (1) A Permanent \$60,000 Monthly Cost of	Power representin	g a Five (5%) Incre	ase in 2008 as An	proyed by Council	in Ord # 003-09 pe	acced 01/07/2009 7	offective billing Mar	ch 2008	
OTES: (1) A Permanent Shirilli Monthly Coet of									

<b>BILLING DETERMINANTS for E</b>								
2014 - SEPTEMBER BILLING WITH AUGUST 20								
PREVIOUS MONTH'S POWER BILLS - P								
DATA PERIOD								
AMP-Ohio Bill Month								
City-System Data Month								
City-Monthly Billing Cycle								
, , , ,								
(	EFFICIENCY	JV-2	JV-5	JV-6	TRANSMISSION	SERVICE FEES	LEVELIZATION	TOTAL -
PURCHASED POWER-RESOURCES -> (	SMART	PEAKING	HYDRO	WIND	CHARGES	DISPATCH, A & B	& CITY RATE	ALL
	POWER PLANT	SCHED. @ ATSI	7x24 @ ATSI	SCHED. @ ATSI	Other Charges	Other Charges	MONTHLY ADDER	RESOURCES
Delivered kWh (On Peak) ->	0	429	2,297,472	26,799				14,113,074
Delivered kWh (Off Peak) ->								764,148
Delivered kWh (Replacement/Losses/Offset) ->			33,455					33,455
Delivered kWh (Credits) ->								-509,976
						-	-	
Net Total Delivered kWh as Billed ->	0		2,330,927	26,799	0	_	0	14,400,701
Percent % of Total Power Purchased->	0.0000%	0.0030%	16.1862%	0.1861%	0.0000%	0.0000%	0.0000%	100.0000%
DOWER COSTS OF ENERGY DEMAND REACTIVE	4						Verification Total - >	100.0000%
POWER - COSTS OF ENERGY, DEMAND, REACTIVE DEMAND CHARGES (+Debits)	<u>*</u>							
Demand Charges		\$440.59	\$15,082.65	\$1,334.86	\$42,505.54			\$169,020.90
Debt Services (Principal & Interest)		φ440.09	\$64,508.32	\$3,531.00	Ψ42,000.04			\$230,492.27
Capital Improvements			ψυ4,500.32	φυ,υυ1.00				\$230,492.27
Working Capital								\$0.00
Bill Adjustments (General)								\$0.00
Jan / Agastrionia (Gonoral)								Ψ0.00
DEMAND CHARGES (-Credits)								
Transmission Charges (Demand-Credits)		-\$258.35	-\$4,142.30	-\$32.79				-\$18,263.95
Capacity Credit		-\$1,278.37	-\$11,833.82	-\$175.08				-\$99,410.83
Bill Adjustments (General)								\$0.00
Sub-Total Demand Charges	\$0.00	-\$1,096.13	\$63,614.85	\$4,657.99	\$42,505.54	\$0.00	\$0.00	\$281,838.39
		. ,					·	
ENERGY CHARGES (+Debits or Adjustments):								
Energy Charges - (On Peak)		\$18.55	\$44,223.87		\$5,250.87			\$477,954.51
Energy Charges - (Replacement/Off Peak)								\$27,260.62
Net Congestion, Losses, FTR								\$24,314.01
Transmission Charges (Energy-Debits)								\$32,835.09
ESPP Charges	\$18,234.31							\$18,234.31
Bill Adjustments (General & Rate Levelization)		\$10.85					\$180,000.00	\$180,093.03
ENERGY CHARGES (-Credits or Adjustments)	:							
Energy Charges - On Peak (Sale or Rate Stabilization		-\$42.46						-\$19,529.97
Net Congestion, Losses, FTR								\$0.00
Bill Adjustments (General & Rate Levelization)								-\$4,836.58
0.1.7.1.7	A.c. co		A	****		****	A	A=c :
Sub-Total Energy Charges	\$18,234.31	-\$13.06	\$44,223.87	\$0.00	\$5,250.87	\$0.00	\$180,000.00	\$736,325.02
COMPINED DEMAND & ENERGY (Dabita & Gradita								
COMBINED DEMAND & ENERGY (Debits & Credits RPM Charges Capacity - (+Debit)	2				\$138,733.22			\$138,733.22
RPM Charges Capacity - (+Debit) RPM Charges Capacity - (-Credit)					φ130,733.22			\$136,733.22
Service Fees AMP-Dispatch Center - (+Debit/-Credit)						\$963.87		\$963.87
Service Fees AMP-Part A - (+Debit/-Credit)						\$2,936.72		\$2,936.72
Service Fees AMP-Part B - (+Debit/-Credit)						\$8,398.53		\$8,398.53
Other Charges & Bill Adjustments - (+Debit/-Credit)						-\$275.39		-\$275.39
City Rate Adjustment in Cost of Power (1)						ΨΕ10.00	\$60,000.00	\$60,000.00
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$138 733 22	\$12,023.73	\$60,000.00	
Jub-10tal Service Fees & Other Charges	<i>\$0.00</i>	<i>\$0.00</i>	<i>\$0.00</i>	<i>\$0.00</i>	\$138,733.22	912,023.73	φυυ,υυυ.υυ 	\$210,756.95
TOTAL - ALL COSTS TO ALLOCATE	\$18,234.31	-\$1,109.19	\$107,838.72	\$4,657.99	\$186,489.63	\$12,023.73	\$240,000.00	\$1,228,920.36
							Verification Total - >	\$1,228,920.36
Purchased Power Resources - Cost per kWH->	\$0.000000	-\$2.585524	\$0.046264	\$0.173812			\$0.000000	\$0.085338
							Electric Service Rate - >	\$0.039167
			(Northern Pool I	Power - On-Peak (or	Off-Peak) Energy (	Charge/kWH) = JV5 I	Electric Service Rate - >	\$0.039167
NOTES: (1) A Permanent \$60,000 Monthly Cost of								

						T.			
<b>BILLING DETERMINANTS for I</b>	BILLING CY	CLE - SEF	<u>PTEMBER, 2</u>	<u>2014</u>					
2014 - SEPTEMBER BILLING WITH AUGUST 2									
PREVIOUS MONTH'S POWER BILLS - P			D COST ALLO	CATIONS BY D	FMAND & FNE	RGY.			
DATA PERIOD	MONTH			DAYS IN MONTH		MUNICIPAL PEAK			
AMP-Ohio Bill Month	JULY, 2014			31		29,033			
City-System Data Month	AUGUST, 2014			31		20,000			
City-Monthly Billing Cycle	September, 2014			30					
			FIRST EVERSY			****	DD 41D15 07475		
(	AMPGS	AMPGS	FIRST ENERGY			AMP SOLAR	PRAIRIE STATE	NORTHERN	FREEMONT
PURCHASED POWER-RESOURCES -> (	REPLACEMENT		REM.REQUIREMENT		NYPA		SCHED. @ PJMC 8	POWER	ENERGY
	2014 5x16 @ AD	2014 7x24 @ AD	SCHED. @ ATSI	SCHED. @ ATSI	SCHED. @ NYIS	SCHED. @ ATSI	REPLMT@ PJMC	POOL	SCHEDULED
RATIOS COMPUTATION (By Billed Demand and E									
DEMAND Ratio	0.0000%	0.0000%	0.0000%		34.3156%		64.5708%	0.0000%	33.1481%
ENERGY Ratio	100.0000%	100.0000%	<u>100.0000%</u>	-26.8089%	<u>65.6844%</u>	100.8419%	<u>35.4292%</u>	<u>100.0000%</u>	66.8519%
Verification Total-Ratio's = 100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%
COST ALLOCATION TO SERVICE FEES & BILLING AND RATE ADJUSTMENTS - By DEMAND and ENERGY RATIO'S:									
RPM Charges Capacity									
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ENERGY - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Service Fees-AMP Charges (Dispatch, Part A & Pa	art B)								
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ENERGY - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Other Charges & Other Bill Adjustments									
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ENERGY - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
City Rate Adjustment in Cost of Power (1)								·	
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ENERGY - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

<b>BILLING DETERMINANTS for E</b>								
2014 - SEPTEMBER BILLING WITH AUGUST 20								
PREVIOUS MONTH'S POWER BILLS - P								
DATA PERIOD								
AMP-Ohio Bill Month								
City-System Data Month								
City-Monthly Billing Cycle								
	EFFICIENCY	JV-2	JV-5	JV-6	TRANSMISSION	SERVICE FEES	LEVELIZATION	TOTAL -
PURCHASED POWER-RESOURCES -> (	SMART	PEAKING	HYDRO	WIND	CHARGES	DISPATCH, A & B	& CITY RATE	ALL
	POWER PLANT	SCHED. @ ATSI	7x24 @ ATSI	SCHED. @ ATSI	Other Charges	Other Charges	MONTHLY ADDER	RESOURCES
RATIOS COMPUTATION (By Billed Demand and Er			· ·			A-AMP RATIO	B-CITY RATIO	
DEMAND Ratio	0.0000%	98.8226%	58.9907%	100.0000%	89.0049%	39.0685%	41.4609%	
ENERGY Ratio	100.0000%	1.1774%	41.0093%	0.0000%	10.9951%	60.9315%	58.5391%	
Verification Total-Ratio's = 100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	
COST ALLOCATION TO SERVICE FEES & BILLING								TOTALS
RPM Charges Capacity								
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$123,479.35	\$0.00	\$0.00	\$123,479.35
ENERGY - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$15,253.87	\$0.00	\$0.00	\$15,253.87
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$138,733.22	\$0.00	\$0.00	\$138,733.22
Service Fees-AMP Charges (Dispatch, Part A & Part								
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,805.08	\$0.00	\$4,805.08
ENERGY - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,494.04	\$0.00	\$7,494.04
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$12,299.12	\$0.00	\$12,299.12
Other Charges & Other Bill Adjustments								
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$107.59	\$74,629.62	\$74,522.03
ENERGY - Allocation based on Ratio	\$0.00	<u>\$0.00</u>	\$0.00	\$0.00	\$0.00	<u>-\$167.80</u>	\$105,370.38	\$105,202.58
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$275.39	\$180,000.00	\$179,724.61
City Rate Adjustment in Cost of Power (1)								
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$24,876.54	\$24,876.54
ENERGY - Allocation based on Ratio	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	\$0.00	<u>\$0.00</u>	\$35,123.46	<u>\$35,123.46</u>
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$60,000.00	\$60,000.00
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$138,733.22	\$12,023.73	\$240,000.00	\$390,756.95

BILLING DETERMINANTS for BILLI		SEPTEME				DEI
BILLING BETEINMANTOTOL BILLIN	NG OTOLL	<u> </u>	<u> </u>			
PREVIOUS MONTH'S POWER BILLS - PURCH	IASED POWER S	SUPPLY - COST	ALLOCATION:			
			DAYS IN	<u>.                                      </u>	SYSTEM	
DATA PERIOD	MONTH		MONTH		PEAK	
AMP-Ohio Bill Month	JULY, 2014		31		29,033	
City-System Data Month	AUGUST, 2014		31		29,033	
City-Monthly Billing Cycle	September, 2014		30			
City-working bining cycle	September, 2014		30			
PURCHASED POWER SUPPLY - COST ALLO	CATION WORK	SHEET				
	Billing	Billing	RPM	RPM	Service Fees-AMP	Sorvice Fees AM
	Charges	Charges	Charges	Charges	Charges	Charges
n						
Purchased Power Provider	DEMAND	ENERGY	DEMAND	ENERGY	DEMAND	ENERGY
AMPGS-REPLACEMENT 5x16 @ AD	\$0.00	\$129,172.48	\$0.00	\$0.00		·
AMPGS-REPLACEMENT 7x24 @ AD	\$0.00	\$46,494.81	\$0.00	\$0.00		
SALE TO TEA 5x16 @ AD	\$0.00	\$82,597.89	\$0.00	\$0.00		
EFFICIENCY SMART POWER PLANT	\$0.00	\$18,234.31	\$0.00	\$0.00		
AMP CT SCHEDULED	-\$19,852.07	\$4,196.96	\$0.00	\$0.00		
NYPA SCHEDULED	\$3,614.94	\$6,919.44	\$0.00	\$0.00	\$0.00	·
AMP SOLAR PHASE 1 SCHEDULED	-\$126.33	\$15,131.76	\$0.00	\$0.00	\$0.00	·
PRAIRE STATE SCHEDULED	\$145,733.42	\$79,962.20	\$0.00	\$0.00	\$0.00	\$0.0
NORTHERN POWER POOL	\$0.00	\$37,864.01	\$0.00	\$0.00	\$0.00	\$0.0
FREEMONT ENERGY SCHEDULED	\$42,786.18	\$86,289.48	\$0.00	\$0.00	\$0.00	\$0.0
JV-2 PEAKING SCHEDULED	-\$1,096.13	-\$13.06	\$0.00	\$0.00	\$0.00	
JV-5 HYDRO	\$63,614.85	\$44,223.87	\$0.00	\$0.00	\$0.00	
JV-6 WIND	\$4,657.99	\$0.00	\$0.00	\$0.00	\$0.00	
TRANSMISSION and Other Charges	\$42,505.54	\$5,250.87	\$123,479.35	\$15,253.87		
A - AMP Service Fees- Dispatch, A & B	\$0.00	\$0.00	\$0.00	\$0.00		
B - Levelization & City Rate Adder to Cost of Power	\$0.00	\$0.00	\$0.00	\$0.00		
C - Outdoor Lght.Credit Reconciliation	\$0.00	\$0.00	\$0.00	\$0.00		·
TOTALS - ALL	\$281,838.39	\$556,325.02	\$123,479.35	\$15,253.87		
TOTALS - ALL	\$201,030.39	\$330,323.02	\$125,479.55	\$13,233.67	\$4,803.08	\$7,494.0
RATIOS COMPUTATIONS (By Billed Demand and Energy)						
A - AMP Service Fees - Ratio Allocation (Excluding JV Totals - AMP All Billing Costs by Demand and Energy (Ex			ioo Eoos)			
Ratios to Allocate AMP Service Fees	xciudes. 3v2, 3v3 8	X JVO, & AIVIF SEIVI	ice i ees)			
B - City Rate Adjustment - Ratio Allocation (To Total 0	Cost of Power)					
Totals - All Billing Costs both Demand and Energy	Jost Of Fower)					
Ratios to Allocate City Rate Adjustment						
natios to Allocate City hate Adjustinent						
C - Outdoor Street Lights and Miscellaneou - Ratio Al	location (To ALL C	osts of Power, Inc	luding City Rate A	<u>Adjustment)</u>		
Totals - All Billing Costs both Demand and Energy						
Ratios to Allocate City Rate Adjustment						
Other Cost and Reconciliation Items for Power Suppl	y Cost Allocation V	Vorksheet:				
C - Outdoor Street Light Reconciliation Credit Compu			Average Cost of I	Power)		
Total Purchased Power Cost (Cost Per kWh, on Page 3						
Total Outdoor Street Light kWh by Light Type (on Page						
Net Allocated - Security Street Light Credit	_,					
Less: Security Street Light Corrections (If Any)						
Net Allocated - Security Street Light Credit						

	DILL	ING DETERMINAN	10			DLI
<b>BILLING DETERMINANTS for BILLIN</b>						
PREVIOUS MONTH'S POWER BILLS - PURCH						
DATA DEDICE						
DATA PERIOD						
AMP-Ohio Bill Month						
City-System Data Month						
City-Monthly Billing Cycle						
PURCHASED POWER SUPPLY - COST ALLO						
	Other Charges	Other Charges	City Rate	City Rate	TOTAL COSTS	ALLOCATED
	& Bill Adjsmnt.	& Bill Adjsmnt.	Adjustment	Adjustment	TOTAL	TOTAL
Purchased Power Provider	DEMAND	ENERGY	DEMAND	ENERGY	DEMAND	ENERGY
AMPGS-REPLACEMENT 5x16 @ AD	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$129,172.4
AMPGS-REPLACEMENT 7x24 @ AD	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$46,494.8
SALE TO TEA 5x16 @ AD	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$82,597.89
EFFICIENCY SMART POWER PLANT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18,234.3
AMP CT SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	-\$19,852.07	\$4,196.90
NYPA SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$3,614.94	\$6,919.44
AMP SOLAR PHASE 1 SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	-\$126.33	\$15,131.70
PRAIRE STATE SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$145,733.42	\$79,962.20
NORTHERN POWER POOL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$37,864.0
FREEMONT ENERGY SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$42,786.18	\$86,289.4
JV-2 PEAKING SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	-\$1,096.13	-\$13.00
JV-5 HYDRO	\$0.00	\$0.00	\$0.00	\$0.00	\$63,614.85	\$44,223.87
JV-6 WIND	\$0.00	\$0.00	\$0.00	\$0.00	\$4,657.99	\$0.00
TRANSMISSION and Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$165,984.89	\$20,504.74
A - AMP Service Fees- Dispatch, A & B	-\$107.59	-\$167.80	\$0.00	\$0.00	\$4,697.49	\$7,326.24
B - Levelization & City Rate Adder to Cost of Power	\$74,629.62	\$105,370.38	\$24,876.54	\$35,123.46	\$99,506.16	\$140,493.84
C - Outdoor Lght.Credit Reconciliation	-\$2,215.09	-\$3,127.50	\$0.00	\$0.00	-\$2,215.09	-\$3,127.50
TOTALS - ALL	\$72,306,94	\$102,075.08	\$24,876.54	\$35,123.46	\$507,306.30	\$716,271.47
TOTALS TILL	ψ72,300.9 T	Ψ102,073.00	Ψ21,070.51	ψ33,123.10	φεση,εσσίεσ	ψ/10,2/1.
RATIOS COMPUTATIONS (By Billed Demand and Energy):					DEMAND	ENERGY
A - AMP Service Fees - Ratio Allocation (Excluding JV)						
Totals - AMP All Billing Costs by Demand and Energy (Ex					\$338,141.03	\$527,368.08
Ratios to Allocate AMP Service Fees					39.0685%	60.9315%
B - City Rate Adjustment - Ratio Allocation (To Total C						
Totals - All Billing Costs both Demand and Energy					\$410,015.23	\$578,905.13
Ratios to Allocate City Rate Adjustment					41.4609%	58.5391%
C - Outdoor Street Lights and Miscellaneou - Ratio Alle						
Totals - All Billing Costs both Demand and Energy					\$509,521.39	\$719,398.97
Ratios to Allocate City Rate Adjustment					41.4609%	58.5391%
Other Cost and Reconciliation Items for Power Supply						
C - Outdoor Street Light Reconciliation Credit Comput				-		
Total Purchased Power Cost (Cost Per kWh, on Page 3)	\$0.085338					
Total Outdoor Street Light kWh by Light Type (on Page 2	<u>62,605</u>			·		
Net Allocated - Security Street Light Credit	-\$5,342.59				-\$2,215.09	-\$3,127.50
Less: Security Street Light Corrections (If Any)	<u>\$0.00</u>			-	<u>\$0.00</u>	\$0.00
Net Allocated - Security Street Light Credit	<u>-\$5,342.59</u>				<u>-\$2,215.09</u>	<u>-\$3,127.5</u> 0

ELECTRIC		MO	NTHLY BILLING DE	FERMINANTS			DETERMINANT
<b>BILLING DETERMIN</b>	ANTS for BIL	LING CYCLE	- SEPTEME	BER. 2014			
BILLING UNITS - ALLOCA	TIONS OF KWH a	and DEMAND & E	NERGY COSTS a	and RATE CALCU	JLATION		
<b>BILLING UNITS - ALLOCA</b>	TION OF kWH &	DEMAND USEAC	SE BY CLASS				
OLTY BULL	IO IIIITO DDIG		- 4				
		OR MONTH'S DAT					<u> </u>
Days in AMP-Oh Bill Month	31	JULY, 2014					<u> </u>
Coincidental Peak in Month	29,033 31	JULY, 2014 AUGUST, 2014					
Days in Data Month	<u> </u>				ITV 070557 1 101170		
(KWN G	31,G2, G3, & G4 ,	-			ITY STREET LIGHTS		
	kWh	Metered kW	Billed kVa	Light	Number of	Monthly kWh	Total kWh
Cstmr. Class or Schedule	<u>Sales</u>	<u>Demand</u>	<u>Demand</u>	<u>Type</u>	<u>Lights</u>	Per Light	by Light Type
Residential (Domestic)	3,076,404	0		52W	3	17.16	
Residential (Rural)	1,240,381	232		70W	87	23.10	,
Commercial (1P)	55,711	15 2,270		100W	487	33.00	,
Commercial (1P)(D) Commercial (3P)	390,017 40	2,270		150W 157W	58 2	49.50 51.81	2,871 104
Commercial (3P)(D)	2,001,825	7,390		250W	335	82.50	
Large Power (D)	3,151,539	7,390		400W	105	132.00	
Industrial (D)	2,959,132	5,324		40000	103	132.00	13,000
Interdepartmental	348,111	1,065					
Interdepartmental							
Total kWh, kW and kVa	13,223,160	23,796	12,822		1,077		62,605
Verification Totals ->	13,223,160	23,796		Street Lights	isting - Revised Per	Flectric Superinten	,
Vollindation Fotalo >	70,220,700	20,700		Otroot Lighto	nothing Trovicous or		12/10/20121
	AVE	RAGE AND EXC	ESS DEMAND CA	LCULATION			
	Α	В	С	D	E	F	
		(A / (24 X "Days in	(B / "System Load	(C - B)	D/"Tot.Excess Dmd	(B + E)	
		AMP Bill Month")	Factor")		X ("kW Load" -	System	
kWh & Demand	Monthly	Monthly	Caculated (Cal.)		Mthly.Avg.Dmd")	kW Load	
w/Demand (Actual or Cal.)	kWh	Average	or Actual	Excess	Allocated Excess	Delivered	
Cstmr. Class or Schedule	Delivered	Demand	Maximum Demand	Demand	Demand	A & E	
Residential (Dom) (Cal. D)	3,076,404	4,134.95	6,723.00	2,588.05	1,918.18	6,053.13	
Residential (Rural) (Cal. D)	1,240,381	1,667.18	2,711.00	1,043.82	773.65	2,440.83	
Commercial (1P) (Cal. D)	55,711	74.88	122.00	47.12		109.80	
Commercial (1P) (Actual D)	390,017	524.22	2,270.00	1,745.78	1,293.92	1,818.14	
Commercial (3P) (Cal. D)	40	0.05	0.00	-0.05		0.01	
Commercial (3P) (Actual D)	2,001,825	2,690.63	7,390.00	4,699.37	3,483.03	6,173.66	
Large Power (Actual D)	3,151,539	4,235.94	7,498.00	3,262.06	2,417.74	6,653.68	
Industrial (Actual D)	2,959,132				998.11	4,975.44	
Interdepartmental (Cal. D)	348,111	467.89	761.00	293.11	217.24	685.13	<u>Var</u>
Total Billed System Demand	13,223,160	17,773.07	32,799.00	15,025.93	11,136.75	28,909.82	
Outdoor Lights	62,605	84.15	136.81	52.66	39.03	123.18	
Total System Demand	13,285,765	17,857.22	32,935.81	15,078.59	11,175.78	29,033.00	
System Load Factor:	61.51%	<- Total kWH Del. /	(Total Sys.kW Load X	( 24 X # Days In Data	Month)	29,033.00	<-Verification Total
		13285765 / (29033 x	( 24 x 31)	-			

LECTRIC			NTHLY BILLING DE			T	DETERMINAN'
<b>BILLING DETERMINA</b>	ANTS for BIL	<u>LING CYCLE</u>	<u>- Septeme</u>	3ER, 2014			
BILLING UNITS - ALLOCAT	IONS OF kWH	and DEMAND & E	NERGY COSTS	and RATE CALCU	ILATION		
<b>ALLOCATION OF ENERGY</b>	AND DEMAND	COSTS					
ENERGY COST ALLOCATION:	7						_
Total Energy Cost (from Power Bil	lle page):	\$716,271	\$716,271	<- Verification Total	Variations Due To	Pounding	
Total Ellergy Cost (Holli Fower Bli	iis page).	\$710,271	========	<- Verilloation Total	- variations Due 10	Trounding	+
	kWh						
	Billing Units	Percent Allocated	<b>Allocated Dollars \$</b>				
Res./Interdept. (G1):	4,664,896	35.27822%					
Commercial (G2):	2,447,593						
Large Power (G3):	3,151,539						
Industrial (G4):	2,959,132	22.37841%	\$160,290				
Total:	13,223,160	100.00000%	\$716,271	<- Verification Total	- Variations Due To	Rounding	
Verification Total ->	13,223,160		========				
	-, -, -, -, -, -, -, -, -, -, -, -, -, -						
DEMAND COST ALLOCATION:							
Total Demand Cost (from Power E	Bills page):	\$507,306		<- Verification Total	- Variations Due To	Rounding	
			=======				
	kW/KVA						
	Billing Units		Allocated Dollars \$				
Res./Interdept. (G1):	9,179	31.75077%					
Commercial (G2):	8,102	28.02373%					
Large Power (G3):	6,654	23.01529%					
Industrial (G4):	4,975	17.21021%	\$87,308				
Total:	28,910	100.00000%	\$507,306	<- Verification Total	- Variations Due To	Rounding	
Verification Total ->	28,910		========				<del> </del>
<b>APPLIED GENERATION &amp;</b>	DEMAND COST	S TO MONTHLY	<b>BILLING RATES</b>				
		RATE CALCULAT					
September, 2014	Allocated	Billing	PWR.RATES				
IV/a Durahaaad Caat kWH ta Cii	<u>Costs</u>	<u>Units</u>	CHARGED				
JV's Purchased Cost kWH to Cit JV2 Joint Venture Rate (JV2 Ene			<b>¢0 02017</b>				
JV5 Joint Venture Rate (JV5 Ene			\$0.03917 \$0.03917				+
0 v 3 doint ventare rate (0 v 3 Enc	orgy Orny)		ψ0.03317				-
Generation Charge:							
Res./Interdept. (G1):	\$413,762	4,664,896					
Commercial (G2):	\$274,747	2,447,593					
Large Power (G3):	\$170,712	3,151,539					
Industrial (G4):	\$160,290	2,959,132	\$0.05417				
Demand Charge:		13,223,160					
Large Power (D1):	\$116,758						
Industrial (D2):	\$87,308						
Total Billing & Unit Check:	\$1,223,577	13,223,160			-		
		13,223,160					
Verification of Billings & Units:  Net Average City Cost of Pur	\$1,223,577	, ,	_				_
Net Average City Cost of Pur							+
ivet Average Customer Cost o	יי ביוווווט per kwn ic	r Frior Billing Worth:	φυ. i 1330				



#### AMERICAN MUNICIPAL POWER, INC.

1111 Schrock Rd, Suite 100

COLUMBUS, OHIO 43229

PHONE: (614) 540-1111

FAX: (614) 540-1078

INVOICE NUMBER: 183137

**INVOICE DATE:** 8/13/2014

**DUE DATE:** 8/28/2014

**TOTAL AMOUNT DUE:** \$1,039,788.22

CUSTOMER NUMBER: 5020

CUSTOMER P.O. #: RG10046

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

#### **City of Napoleon**

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

Northern Power Pool Billing - July, 2014

MUNICIPAL PEAK: 29,033 kW TOTAL METERED ENERGY: 14,480,229 kWh

Do Not Pay Paid by E-Pay American Municipal Pwr, Inc. Ray Merrill 614-540-1111 ext. 0914

Total Power Charges: \$661,274.86

Total Transmission Charges: \$186,489.63

Total Other Charges: \$12,023.73

Total Miscellaneous Charges: \$180,000.00

### **GRAND TOTAL POWER INVOICE:**

ABA: #044 000024

\$1,039,788.22

\*\*The Total Charges on this invoice may include a credit paid to the Municipal for power supply which was invoiced separately and repurchased by AMP for use as a Northern Power Pool Resource.

#### NOTE: PLEASE SEE ENCLOSED BACKUP FOR MORE DETAILED INFORMATION

\*\*\* To avoid a delayed payment charge, payment must be made to provide available funds for use by AMP on or before the due date.

Wire or ACH Transfer Information:

Huntington National Bank

Columbus, Ohio

Account 0189-2204055

Mailing Address:

AMP, Inc.

Dept. L614

Columbus, Oh 43260

BANK LOCK BOX DEPOSIT		AMOUNT
General Fund (010)	10	\$637,969.13
ECC (012)	12	\$963.87
JV6 (066)	66	\$0.00
AMPCT (025)	25	\$31,707.11
ESPP (016)	16	\$18,234.31
JV5 (065)	65	\$0.00
AFEC (004)	4	\$122,851.50
AMPGS (009)	9	\$0.00
PSEC (013)	13	\$212,930.54
JV2 (062)	62	\$0.00
NapSolar (031)	31	\$15,131.76
TOTAL DEPOSIT		\$1,039,788.22

# DETAIL INFORMATION OF POWER CHARGES July , 2014

### Napoleon

FOR THE MONTH OF:	July, 2014		Total Metered Load kWh: Transmission Losses kWh: Distribution Losses kWh:	14,480,229 -79,528 0
			Total Energy Req. kWh:	14,400,701
TIME OF FENTS PEAK: TIME OF MUNICIPAL PEAK:	07/22/2014 @ H.E. 16:00 07/22/2014 @ H.E. 14:00		COINCIDENT PEAK kW: MUNICIPAL PEAK kW:	28,634 29,033
TRANSMISSION PEAK:	July, 2013		TRANSMISSION PEAK kW: PJM Capacity Requirement kW:	31,687 31,162
Napoleon Resources				
AMP CT - Sched @ ATSI				
Demand Charge:	\$2.218560	/ kW *	12,400 kW =	\$27,510.15
Energy Charge:	\$0.090550	/ kWh *	46,350 kWh =	\$4,196.96
Transmission Credit: Capacity Credit:	\$1.105176	/ kW *	-12,400 kW =	-\$13,704.18
Subtotal	\$2.714358 <b>-\$0.337761</b>	/ kW * / kWh *	-12,400 kW = 46,350 kWh =	-\$33,658.04 - <b>\$15,655.11</b>
Fremont - sched @ Fremont	***************************************	,	,	***************************************
Demand Charge:	\$3.564023	/ kW *	8,767 kW =	\$31,245.79
Energy Charge: Net Congestion, Losses, FTR:	\$0.034226	/ kWh * / kWh *	2,336,913 kWh =	\$79,983.14
Capacity Credit:	\$0.002663 \$3.724633	/ kW *	-8,767 kW =	\$6,224.16 -\$32,653.86
Debt Service	\$5.040978	/ kW	8,767 kW	\$44,194.25
Adjustment for prior month:			·	\$82.18
Subtotal	\$0.055233	/ kWh *	2,336,913 kWh =	\$129,075.66
First Energy Remaining Requirement - sched @ ATSI Energy Charge:	\$0.034950	/ kWh *	2,363,316 kWh =	\$82,597.89
Subtotal	\$0.034950	/ kWh *	2,363,316 kWh =	\$82,597.89
JV6 - Sched @ ATSI	·			,
Demand Charge:			300 kW	
Energy Charge: Transmission Credit:	\$0.109300	/ kW *	26,799 kWh -300 kW =	-\$32.79
Capacity Credit:	\$0.583600	/ kW *	-300 kW =	-\$32.79 -\$175.08
Subtotal	-\$0.007757	/ kWh *	26,799 kWh =	-\$207.87
Prairie State - Sched @ PJMC				
Demand Charge:	\$8.918764	/ kW *	4,976 kW =	\$44,379.77
Energy Charge: Net Congestion, Losses, FTR:	\$0.012563 \$0.004091	/ kWh * / kWh *	3,120,207 kWh =	\$39,198.61 \$12,765.08
Capacity Credit:	\$3.397317	/ kW *	-4,976 kW =	-\$16,905.05
Debt Service	\$23.765816	/ kW	4,976 kW	\$118,258.70
Transmission from PSEC to PJM/MISO, including non-Prairie State variable charges/credits Board Approved Rate Levelization	\$0.010523	/ kWh	3,120,207 kWh	\$32,835.09 -\$4,836.58
Subtotal	\$0.072334	/ kWh *	3,120,207 kWh =	\$225,695.62
NYPA - Sched @ NYIS	·			•
Demand Charge:	\$6.915748	/ kW *	943 kW =	\$6,521.55
Energy Charge: Net Congestion, Losses, FTR:	\$0.015126	/ kWh *	539,426 kWh =	\$8,159.24
Capacity Credit:	-\$0.002298 \$3.229567	/ kWh * / kW *	-900 kW =	-\$1,239.80 -\$2,906.61
Subtotal	\$0.019529	/ kWh *	539,426 kWh =	\$10,534.38
JV5 - 7X24 @ ATSI				
Demand Charge:			3,088 kW	
Energy Charge: Transmission Credit:	\$1.341418	/ kW *	2,297,472 kWh -3,088 kW =	-\$4,142.30
Capacity Credit:	\$3.832196	/ kW *	-3,088 kW =	-\$11,833.82
Subtotal	-\$0.006954	/ kWh *	2,297,472 kWh =	-\$15,976.12
JV5 Losses - Sched @ ATSI				
Energy Charge: Subtotal	#N/A	/ I/M/b *	33,455 kWh	\$0.00
JV2 - Sched @ ATSI	#N/A	/ kWh *	33,455 kWh =	\$0.00
Demand Charge:			264 kW	
Energy Charge:	\$0.043270	/ kWh *	429 kWh =	\$18.55
Transmission Credit:	\$0.978598	/ kW *	-264 kW =	-\$258.35
Capacity Credit: Real Time Market Revenue from JV2 Operations	\$4.842311	/ kW *	-264 kW =	-\$1,278.37 -\$42.46
Subtotal	-\$3.640318	/ kWh *	429 kWh =	-\$1,560.63
AMP Solar Phase I - Sched @ ATSI	·			
Demand Charge:			1,040 kW	<b>.</b>
Energy Charge: Transmission Credit:	\$0.085000	/ kWh *	178,021 kWh =	\$15,131.76
Subtotal	\$0.084290	/ kWh *	178,021 kWh =	-\$126.33 <b>\$15,005.43</b>
AMPGS Replacement 2014 5x16 - 5x16 @ AD	Ţ3.00-1200		2,000	Ţ.0,000.40
Demand Charge:			5,000 kW	
Energy Charge:	\$0.070430	/ kWh *	1,760,000 kWh =	\$123,956.80
Net Congestion, Losses, FTR: Subtotal	\$0.002963 <b>\$0.073393</b>	/ kWh * / kWh *	1,760,000 kWh =	\$5,215.68 <b>\$129,172.48</b>
AMPGS Replacement 2014 7x24 - 7x24 @ AD	<b>ტ</b> Մ.Մ <i>1</i> ააუპ	/ KVVII	1,100,000 KWIII =	φ123,112.40
Demand Charge:			1,000 kW	
Energy Charge:	\$0.060680	/ kWh *	744,000 kWh =	\$45,145.92
Net Congestion, Losses, FTR:	\$0.001813	/ kWh *		\$1,348.89

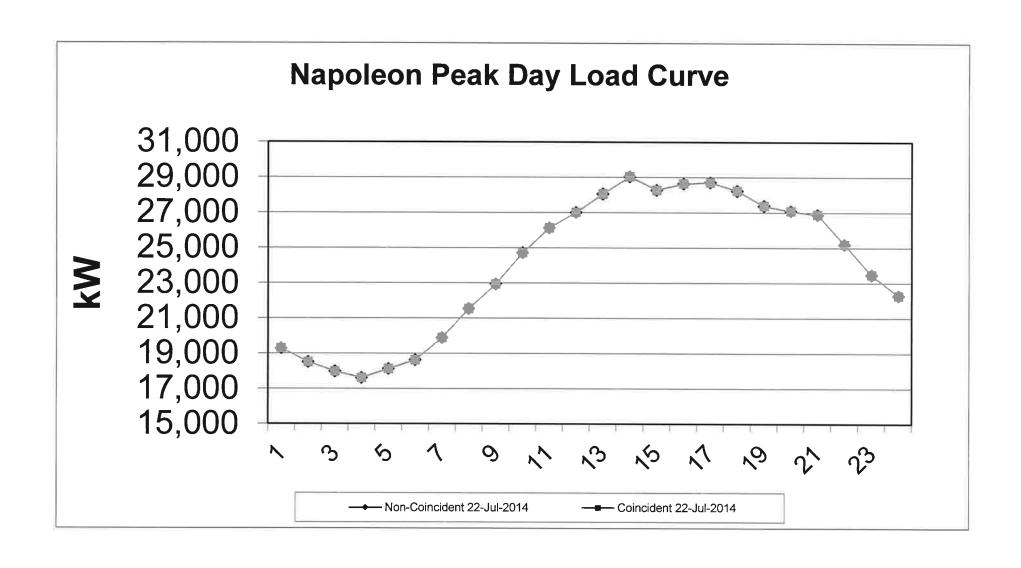
# DETAIL INFORMATION OF POWER CHARGES July , 2014

### Napoleon

Subtotal	\$0.062493	/ kWh *	744,000 kWh =	\$46,494.81
Efficiency Smart Power Plant 2014-2017				
ESPP 2014-2017 obligation @ \$1.400 /MWh x 156,294.1 MWh / 12				\$18,234.31
Subtotal	#N/A	/ kWh *	0 kWh =	\$18,234.31
Northern Power Pool:				
On Peak Energy Charge: (M-F HE 08-23 EDT)	\$0.042978	/ kWh *	700.141 kWh =	\$30.090.90
Off Peak Energy Charge:	\$0.035675	/ kWh *	764.148 kWh =	\$27,260.62
Sale of Excess Non-Pool Resources to Pool	\$0.038213	/ kWh *	-509,975 kWh =	-\$19,487.51
Subtotal	\$0.039677	/ kWh *	954,314 kWh =	\$37,864.01
Total Demand Charges:				\$154,435.43
Total Energy Charges:				\$506,839.43
Total Power Charges:			14,400,701 kWh	\$661,274.86
TRANSMISSION CHARGES:				
Demand Charge:	\$1.341419	/ kW *	31.687 kW =	\$42,505.54
Energy Charge:	\$0.000434	/ kWh *	12,103,229 kWh =	\$5,250.87
RPM (Capacity) Charges:	\$4.452000	/ kW *	31.162 kW =	\$138,733.22
TOTAL TRANSMISSION CHARGES:	\$0.015408	/ kWh *	12,103,229 kWh =	\$186,489.63
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Dispatch Center Charges:	\$0.000067	/ kWh *	14,480,229 kWh =	\$963.87
Service Fee Part A,			,, -	
Based on Annual Municipal Sales	\$0.000229	/ kWh *	153,889,001 kWh 1/12 =	\$2,936.72
SF A adjustment for January-June 2014				-\$275.39
Service Fee Part B.				
Energy Purchases	\$0.000580	/kWh *	14,480,229 kWh =	\$8,398.53
TOTAL OTHER CHARGES:				\$12,023.73
				·
MISCELLANEOUS CHARGES:				
Deposit / (Withdraw) from RSF account				\$180,000.00
TOTAL MISCELLANEOUS CHARGES:				\$180,000.00

Napoleon	Capacity Plan - Actual										
Jul 2	<b>014</b> ACTU	JAL DEMAND =	29.033	MW							
Days	31 ACT	JAL ENERGY =	14,480	MWH							
				•	DEMAND	<b>ENERGY</b>				<b>EFFECTIVE</b>	%
		DEMAND	ENERGY	LOAD	RATE	RATE	DEMAND	ENERGY	TOTAL	RATE	OF
	SOURCE	MW	MWH	FACTOR	\$/KW	\$/MWH	CHARGE	CHARGE	CHARGES	\$/MWH	DOLLARS
	(1)	(2)	(4)	(5)	(6)	(7)	(9)	(10)	(11)	(12)	(13)
1	NPP Pool Purchases	0.00	1,464	0%	\$0.00	\$39.17	\$0	\$57,352	\$57,352	\$39.17	5.8%
2	NPP Pool Sales	0.00	-510	0%	\$0.00	\$38.21	\$0	-\$19,488	-\$19,488	\$38.21	-2.0%
3	AFEC	8.77	2,337	36%	\$4.89	\$36.89	\$42,868	\$86,207	\$129,076	\$55.23	13.1%
4	Prairie State	4.98	3,120	84%	\$34.91	\$16.65	\$173,732	\$51,964	\$225,696	\$72.33	22.9%
5	NYPA - Ohio	0.94	539	77%	\$3.83	\$12.83	\$3,615	\$6,919	\$10,534	\$19.53	1.1%
6	JV5	3.09	2,297	100%	\$20.60	\$19.25	\$63,615	\$44,224	\$107,839	\$46.94	10.9%
[/	JV5 Losses	0.00	33	0%	\$0.00	\$0.00	\$0	\$0 \$0	\$0	\$0.00 \$173.81	0.0%
8 9	JV6 AMP Solar Phase I	0.30 1.04	27 178	12% 23%	\$15.53 -\$0.12	\$0.00 \$85.00	\$4,658 -\$126	\$0 \$15,132	\$4,658 \$15,005	\$173.81	0.5% 1.5%
		1.04	744	100%	\$0.12 \$0.00	\$62.49	\$0	\$15,132 \$46,495	\$15,005	\$62.49	4.7%
10	AMPGS Replace 7x24	5.00	1,760	47%	\$0.00	\$73.39	\$0	\$129,172	\$129,172	\$73.39	13.1%
11	AMPGS Replace 5x16 FE Requirements 2014-2017	0.00	2,363	0%	\$0.00	\$34.95	\$0	\$82,598	\$82,598	\$34.95	8.4%
12 13	AMPCT	12.40	2,363 46	1%	-\$1.60	\$90.55	-\$19.852	\$4,197	-\$15,655	-\$337.76	-1.6%
14	JV2	0.26	0	0%	-\$4.11	-\$55.71	\$1,085	-\$24	-\$1,109	-\$2,585.51	-0.1%
' -	POWER TOTAL	37.78	14,401	51%	Ψτ.ττ	1	\$267,424	\$504,748	\$772,173	\$53.62	78.3%
15	Energy Efficiency	01.10	0	0170	\$0.00	\$0.00	\$0	\$18,234	\$18,234	\$0.00	1.8%
16	Installed Capacity	31.16		4	\$4.45		\$138,733	\$0	\$138,733	\$9.58	14.1%
17	TRANSMISSION	31.69	12,103	1	\$1.34	\$0.43	\$42,506	\$5,251	\$47,756	\$3.30	4.8%
18	Distribution Charge	29.03			\$0.00	\$0.00	\$0	\$0	\$0	\$0.00	0.0%
19	Service Fee B		14,480	ľ '		\$0.58		\$8,399	\$8,399	\$0.58	0.9%
20	Dispatch Charge		14,480			\$0.07		\$964	\$964	\$0.07	0.1%
	OTHER TOTAL						\$181,239	\$32,848	\$214,086	\$14.78	21.7%
GRAND TOTAL PURCHAS			14,401				\$448,663	\$537,596	\$986,259		
Delivered to members		29.033	14,480	67%			\$448,663	\$537,596	\$986,259	\$68.11	100.0%
		DEMAND	ENERGY	L.F.					TOTAL \$	\$/MWh	Avg Temp
	2014 Forecast	30.76	15,831	69%					\$1,056,313	\$66.72	73.0
	2013 Actual	31.79	15,252	64%					\$1,076,383	\$70.57	72.2
	2012 Actual	33.71	17,353	69%					\$1,056,099	\$60.86	77.9
									Actual Temp		68.9

NAPOLEO	N															
		Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	
Date	7/1/2014	7/2/2014		7/4/2014	7/5/2014	7/6/2014	7/7/2014	7/8/2014	7/9/2014	7/10/2014	7/11/2014	7/12/2014	7/13/2014	7/14/2014		
Hour													77 1072014	771-772014	771072014	
100	20,323	19,008	16,986	13,293	12,536	13,579	17,953	18,755	17,888	17,136	16,762	16,450	17,106	18,033	18,051	
200	20,113	18,441	16,527	12,743	12,195	13,477	17,359	18,097	17,687	16,616	16,344	15,999	16,664	17,460	17,470	
300	19,239	18,090	16,248	12,436	11,807	13,297	16,777	17,647	17,105	16,307	15,838	15,485	16,428	17,004	17,218	
400	18,539	17,917	16,451	12,350	11,627	13,128	17,148	17,751	16,999	16,213	15,825	15,368	16,443	17,012	17,316	
500	18,946	18,321	16,768	11,727	11,625	13,018	18,057	18,579	17,256	16,598	16,459	15,541	16,359	17,634	17,531	
600	19,006	18,636	16,958	11,051	11,606	12,828	18,754	19,441	17,472	16,998	16,749	15,257	16,294	18,030	17,590	
700	20,227	20,182	18,199	11,356	12,546	13,077	20,195	20,597	18,760	18,058	18,022	15,886	16,881	19,512	18,903	
800	21,882	21,967	19,413	11,935	13,547	13,704	21,496	21,742	20,127	18,994	18,750	17,377	17,680	20,893	19,958	
900	22,879	23,219	19,756	12,787	14,539	14,829	22,633	22,378	21,348	20,029	19,394	18,829	18,815	21,722	20,706	
1000	24,096	24,367	20,434	13,897	15,304	15,934	24,242	23,229	22,345	21,091	20,695	20,172	19,573	23,061	21,234	
1100	24,268	24,730	20,450	14,248	15,586	16,574	24,182	23,077	22,661	21,683	21,332	21,149	20,269	24,015	20,920	
1200	23,668	24,916	20,117	14,201	15,847	17,240	24,395	23,295	23,030	21,980	21,811	21,573	21,087	24,903	21,036	
1300	24,573	25,146	20,009	14,286	16,092	17,557	25,327	24,338	23,605	22,395	22,492	22,098	22,032	25,728	21,127	
1400	25,243	25,049	19,580	14,367	16,625	17,891	25,538	24,510	23,811	22,636	23,070	22,361	22,114	26,542	21,204	
1500	26,166	24,988	19,345	14,654	16,730	18,754	26,216	24,462	23,706	22,744	23,288	22,416	22,782	26,849	20,880	
1600	26,705	24,347	19,361	14,799	16,703	19,506	26,442	24,121	23,717	23,010	23,417	22,376	23,036	26,786	20,255	
1700	26,137	23,693	18,980	14,848	16,701	19,555	25,812	23,770	23,207	22,351	23,161	22,282	23,128	25,794	19,808	
1800	25,508	23,323	18,567	14,905	16,490	19,383	25,080	23,466	22,598	22,001	22,847	22,005	23,269	24,872	19,673	
1900	24,712	22,332	18,189	14,613	16,083	19,145	24,632	22,852	21,772	21,576	22,367	21,823	22,825	23,818	18,992	
2000	23,853	21,277	17,620	14,189	16,079	19,147	23,757	21,991	21,190	21,049	21,559	21,196	22,013	22,958	18,467	
2100	23,747	21,187	17,867	13,950	16,374	20,559	23,330	22,127	21,432	21,309	21,528	21,044	21,676	22,636	18,793	
2200	22,945	20,426	17,228	13,830	16,037	20,485	22,217	21,274	20,549	20,218	20,605	20,149	21,271	21,679	18,495	
2300	21,410	19,037	15,512	13,675	14,962	19,404	20,664	19,489	18,941	18,653	19,058	19,008	19,880	19,986	17,418	
2400	19,996	17,658	14,000	12,913	14,137	18,988	19,679	18,628	17,920	17,551	17,635	17,932	19,186	18,818	16,591	
											,				,	
Total	544,181	518,257	434,565	323,053	337,641	401,059	531,885	515,616	495,126	477,196	479,008	463,776	476,811	525,745	459,636	
	Madagada	Thursday	Date.	0-4	0											
Data		Thursday		Saturday	•											Thursday
Date	Wednesday 7/16/2014	Thursday 7/17/2014		Saturday 7/19/2014		Monday 7/21/2014	Tuesday 7/22/2014	Wednesday 7/23/2014	Thursday 7/24/2014	Friday 7/25/2014	Saturday 7/26/2014	Sunday 7/27/2014	Monday 7/28/2014	Tuesday 7/29/2014	Wednesday 7/30/2014	Thursday 7/31/2014
Hour	7/16/2014	7/17/2014	7/18/2014	7/19/2014	7/20/2014	7/21/2014	7/22/2014	7/23/2014	7/24/2014	7/25/2014	7/26/2014	7/27/2014	7/28/2014	7/29/2014	7/30/2014	7/31/2014
Hour 100	7/16/2014 15,877	7/17/2014 15,701	7/18/2014 16,590	7/19/2014 15,124	7/20/2014 14,778	7/21/2014 16,686	7/22/2014	7/23/2014 21,137	7/24/2014 17,412	7/25/2014	7/26/2014 15,958	7/27/2014 17,026	7/28/2014	7/29/2014 15,821	7/30/2014 16,011	7/31/2014 16,802
Hour 100 200	7/16/2014 15,877 15,615	7/17/2014 15,701 15,576	7/18/2014 16,590 16,142	7/19/2014 15,124 14,962	7/20/2014 14,778 14,452	7/21/2014 16,686 16,292	7/22/2014 19,296 18,509	7/23/2014 21,137 20,694	7/24/2014 17,412 17,238	7/25/2014 16,943 16,503	7/26/2014 15,958 15,548	7/27/2014 17,026 16,489	7/28/2014 17,156 16,576	7/29/2014 15,821 15,725	7/30/2014 16,011 15,718	7/31/2014 16,802 16,532
Hour 100 200 300	7/16/2014 15,877 15,615 15,435	7/17/2014 15,701 15,576 15,374	7/18/2014 16,590 16,142 15,527	7/19/2014 15,124 14,962 14,576	7/20/2014 14,778 14,452 14,010	7/21/2014 16,686 16,292 15,880	7/22/2014 19,296 18,509 17,976	7/23/2014 21,137 20,694 18,255	7/24/2014 17,412 17,238 16,880	7/25/2014 16,943 16,503 16,407	7/26/2014 15,958 15,548 15,198	7/27/2014 17,026 16,489 16,326	7/28/2014 17,156 16,576 16,233	7/29/2014 15,821 15,725 15,669	7/30/2014 16,011 15,718 15,563	7/31/2014 16,802 16,532 16,293
Hour 100 200 300 400	7/16/2014 15,877 15,615 15,435 15,826	7/17/2014 15,701 15,576 15,374 15,537	7/18/2014 16,590 16,142 15,527 15,666	7/19/2014 15,124 14,962 14,576 14,381	7/20/2014 14,778 14,452 14,010 13,824	7/21/2014 16,686 16,292 15,880 15,860	7/22/2014 19,296 18,509 17,976 17,612	7/23/2014 21,137 20,694 18,255 19,410	7/24/2014 17,412 17,238 16,880 16,979	7/25/2014 16,943 16,503 16,407 16,366	7/26/2014 15,958 15,548 15,198 15,264	7/27/2014 17,026 16,489 16,326 16,290	7/28/2014 17,156 16,576 16,233 16,546	7/29/2014 15,821 15,725 15,669 15,927	7/30/2014 16,011 15,718 15,563 15,730	7/31/2014 16,802 16,532 16,293 16,442
Hour 100 200 300 400 500	7/16/2014 15,877 15,615 15,435 15,826 16,239	7/17/2014 15,701 15,576 15,374 15,537 16,248	7/18/2014 16,590 16,142 15,527 15,666 16,184	7/19/2014 15,124 14,962 14,576 14,381 14,470	7/20/2014 14,778 14,452 14,010 13,824 13,952	7/21/2014 16,686 16,292 15,880 15,860 16,345	7/22/2014 19,296 18,509 17,976 17,612 18,120	7/23/2014 21,137 20,694 18,255 19,410 19,944	7/24/2014 17,412 17,238 16,880 16,979 17,435	7/25/2014 16,943 16,503 16,407 16,366 16,610	7/26/2014 15,958 15,548 15,198 15,264 15,505	7/27/2014 17,026 16,489 16,326 16,290 16,099	7/28/2014 17,156 16,576 16,233 16,546 17,218	7/29/2014 15,821 15,725 15,669 15,927 16,371	7/30/2014 16,011 15,718 15,563 15,730 16,332	7/31/2014 16,802 16,532 16,293 16,442 16,995
Hour 100 200 300 400 500 600	7/16/2014 15,877 15,615 15,435 15,826 16,239 16,450	7/17/2014 15,701 15,576 15,374 15,537 16,248 16,388	7/18/2014 16,590 16,142 15,527 15,666 16,184 16,691	7/19/2014 15,124 14,962 14,576 14,381 14,470 14,705	7/20/2014 14,778 14,452 14,010 13,824 13,952 13,741	7/21/2014 16,686 16,292 15,880 15,860 16,345 16,914	7/22/2014 19,296 18,509 17,976 17,612 18,120 18,632	7/23/2014 21,137 20,694 18,255 19,410 19,944 20,779	7/24/2014 17,412 17,238 16,880 16,979 17,435 17,818	7/25/2014 16,943 16,503 16,407 16,366 16,610 17,328	7/26/2014 15,958 15,548 15,198 15,264 15,505 15,475	7/27/2014 17,026 16,489 16,326 16,290 16,099 16,454	7/28/2014 17,156 16,576 16,233 16,546 17,218 17,962	7/29/2014 15,821 15,725 15,669 15,927 16,371 16,887	7/30/2014 16,011 15,718 15,563 15,730 16,332 17,036	7/31/2014 16,802 16,532 16,293 16,442 16,995 17,511
Hour 100 200 300 400 500 600 700	7/16/2014 15,877 15,615 15,435 15,826 16,239 16,450 17,583	7/17/2014 15,701 15,576 15,374 15,537 16,248 16,388 17,207	7/18/2014 16,590 16,142 15,527 15,666 16,184 16,691 17,325	7/19/2014 15,124 14,962 14,576 14,381 14,470 14,705 15,050	7/20/2014 14,778 14,452 14,010 13,824 13,952 13,741 13,953	7/21/2014 16,686 16,292 15,880 15,860 16,345 16,914 18,395	7/22/2014 19,296 18,509 17,976 17,612 18,120 18,632 19,905	7/23/2014 21,137 20,694 18,255 19,410 19,944 20,779 21,718	7/24/2014 17,412 17,238 16,880 16,979 17,435 17,818 18,648	7/25/2014 16,943 16,503 16,407 16,366 16,610 17,328 18,358	7/26/2014 15,958 15,548 15,198 15,264 15,505 15,475 16,022	7/27/2014 17,026 16,489 16,326 16,290 16,099 16,454 17,006	7/28/2014 17,156 16,576 16,233 16,546 17,218 17,962 18,724	7/29/2014 15,725 15,669 15,927 16,371 16,887 17,874	7/30/2014 16,011 15,718 15,563 15,730 16,332 17,036 17,901	7/31/2014 16,802 16,532 16,293 16,442 16,995 17,511 18,053
Hour 100 200 300 400 500 600 700 800	7/16/2014 15,877 15,615 15,435 15,826 16,239 16,450 17,583 18,476	7/17/2014 15,701 15,576 15,374 15,537 16,248 16,388 17,207 18,216	7/18/2014 16,590 16,142 15,527 15,666 16,184 16,691 17,325 18,273	7/19/2014 15,124 14,962 14,576 14,381 14,470 14,705 15,050 15,887	7/20/2014 14,778 14,452 14,010 13,824 13,952 13,741 13,953 14,826	7/21/2014 16,686 16,292 15,880 15,860 16,345 16,914 18,395 20,065	7/22/2014 19,296 18,509 17,976 17,612 18,120 18,632 19,905 21,549	7/23/2014 21,137 20,694 18,255 19,410 19,944 20,779 21,718 22,677	7/24/2014 17,412 17,238 16,880 16,979 17,435 17,818 18,648 19,896	7/25/2014 16,943 16,503 16,407 16,366 16,610 17,328 18,358 19,049	7/26/2014 15,958 15,548 15,199 15,264 15,505 15,475 16,022 16,889	7/27/2014 17,026 16,489 16,326 16,290 16,099 16,454 17,006 17,485	7/28/2014 17,156 16,576 16,233 16,546 17,218 17,962 18,724 19,548	7/29/2014 15,821 15,725 15,692 15,927 16,371 16,887 17,874 18,712	7/30/2014 16,011 15,718 15,563 15,730 16,332 17,036 17,901 18,792	7/31/2014 16,802 16,532 16,293 16,442 16,995 17,511 18,053 19,028
Hour 100 200 300 400 500 600 700 800 900	7/16/2014 15,877 15,615 15,435 15,826 16,239 16,450 17,583 18,476 19,171	7/17/2014 15,701 15,576 15,374 15,537 16,248 16,388 17,207 18,216 18,915	7/18/2014 16,590 16,142 15,527 15,666 16,184 16,691 17,325 18,273 18,873	7/19/2014 15,124 14,962 14,576 14,381 14,470 14,705 15,050 15,887 16,822	7/20/2014 14,778 14,452 14,010 13,824 13,952 13,741 13,953 14,826 15,710	7/21/2014 16,686 16,292 15,880 15,860 16,345 16,914 18,395 20,065 21,371	7/22/2014 19,296 18,509 17,976 17,612 18,120 18,632 19,905 21,549 22,951	7/23/2014 21,137 20,694 18,255 19,410 19,944 20,779 21,718 22,677 24,040	7/24/2014 17,412 17,238 16,880 16,979 17,435 17,818 18,648 19,896 20,482	7/25/2014 16,943 16,503 16,407 16,366 16,610 17,328 18,358 19,049 19,808	7/26/2014 15,958 15,548 15,198 15,264 15,505 15,475 16,072 16,889 18,269	7/27/2014 17,026 16,489 16,326 16,290 16,099 16,454 17,006 17,485 18,446	7/28/2014 17,156 16,576 16,233 16,546 17,218 17,962 18,724 19,548 20,078	7/29/2014 15,821 15,725 15,669 15,927 16,371 16,877 17,874 18,712 19,385	7/30/2014 16,011 15,718 15,563 15,730 16,332 17,036 17,901 18,792 19,526	7/31/2014 16,802 16,532 16,293 16,442 16,995 17,511 18,053 19,028 19,735
Hour 100 200 300 400 500 600 700 800 900 1000	7/16/2014 15,877 15,615 15,435 15,826 16,239 16,450 17,583 18,476 19,171	7/17/2014 15,701 15,576 15,374 15,537 16,248 16,388 17,207 18,216 18,915 19,728	7/18/2014 16,590 16,142 15,527 15,666 16,184 16,691 17,325 18,273 18,873 19,761	7/19/2014 15,124 14,962 14,576 14,381 14,470 14,705 15,050 15,887 16,822 17,185	7/20/2014 14,778 14,452 14,010 13,824 13,952 13,741 13,953 14,826 15,710 16,639	7/21/2014 16,686 16,292 15,880 15,860 16,345 16,914 18,395 20,065 21,371 22,645	7/22/2014 19,296 18,509 17,976 17,612 18,120 18,632 19,905 21,549 22,951 24,713	7/23/2014 21,137 20,694 18,255 19,410 19,944 20,779 21,718 22,677 24,040 24,460	7/24/2014 17,412 17,238 16,880 16,979 17,435 17,818 18,648 19,896 20,482 21,460	7/25/2014 16,943 16,503 16,407 16,366 16,610 17,328 18,358 19,049 19,808 20,494	7/26/2014 15,958 15,548 15,198 15,264 15,505 15,475 16,022 16,889 18,269	7/27/2014 17,026 16,489 16,326 16,290 16,099 16,454 17,006 17,485 18,446 19,741	7/28/2014 17,156 16,576 16,233 16,546 17,218 17,962 18,724 19,548 20,078 20,792	7/29/2014 15,821 15,725 15,669 15,927 16,371 16,887 17,874 18,712 19,385 20,179	7/30/2014 16,011 15,718 15,563 15,730 16,332 17,036 17,901 18,792 19,526 20,216	7/31/2014 16,802 16,532 16,293 16,442 16,995 17,511 18,053 19,028 19,735 20,679
Hour 100 200 300 400 500 600 700 800 900 1100 1100	7/16/2014 15,877 15,615 15,435 15,826 16,239 16,450 17,583 18,476 19,171 19,695	7/17/2014 15,701 15,576 15,374 15,537 16,248 16,388 17,207 18,216 18,915 19,728 20,403	7/18/2014 16,590 16,142 15,527 15,666 16,184 16,691 17,325 18,273 19,761 20,526	7/19/2014 15,124 14,962 14,576 14,381 14,470 15,050 15,887 16,822 17,185 17,735	7/20/2014 14,778 14,452 14,010 13,824 13,952 13,741 13,953 14,826 15,710 16,639 17,527	7/21/2014 16,686 16,292 15,880 15,860 16,345 16,914 18,395 20,065 21,371 22,645 23,974	7/22/2014 19,296 18,509 17,976 17,612 18,120 18,632 19,905 21,549 22,951 24,713 26,124	7/23/2014 21,137 20,694 18,255 19,410 19,944 20,779 21,718 22,677 24,040 24,460 24,043	7/24/2014 17,412 17,238 16,880 16,979 17,435 17,818 18,648 19,896 20,482 21,460 21,747	7/25/2014 16,943 16,503 16,407 16,366 16,610 17,328 19,049 19,808 20,494 20,935	7/26/2014 15,958 15,548 15,198 15,264 15,505 15,475 16,022 16,889 18,269 19,431 19,991	7/27/2014 17,026 16,489 16,326 16,290 16,099 16,454 17,006 17,485 18,446 19,741 21,124	7/28/2014 17,156 16,576 16,233 16,546 17,218 17,962 18,724 19,548 20,078 20,792 21,469	7/29/2014 15,821 15,725 15,669 15,927 16,371 16,887 17,874 18,712 19,385 20,179 20,351	7/30/2014 16,011 15,718 15,563 15,730 16,332 17,036 17,901 18,792 19,526 20,216 20,703	7/31/2014  16,802 16,532 16,293 16,442 16,995 17,511 18,053 19,028 19,735 20,679 21,420
Hour 100 200 300 400 500 600 900 1100 1200	7/16/2014 15,877 15,615 15,436 16,239 16,450 17,583 18,476 19,171 19,695 19,882	7/17/2014 15,701 15,576 15,374 15,537 16,248 16,388 17,207 18,216 18,915 19,728 20,403 20,733	7/18/2014 16,590 16,142 15,527 15,666 16,184 16,691 17,325 18,273 18,873 19,761 20,526 20,817	7/19/2014 15,124 14,962 14,576 14,381 14,470 15,050 15,887 16,822 17,185 18,089	7/20/2014 14,778 14,452 14,010 13,824 13,952 13,741 13,953 14,826 15,710 16,639 17,527 18,357	7/21/2014 16,686 16,292 15,880 15,860 16,345 16,914 18,395 20,065 21,371 22,645 23,974 24,870	7/22/2014 19,296 18,509 17,976 17,612 18,120 18,632 19,905 21,549 22,951 24,713 26,124 27,006	7/23/2014 21,137 20,694 18,255 19,410 19,944 20,779 21,718 22,677 24,040 24,460 24,464 23,935	7/24/2014 17,412 17,238 16,890 16,979 17,435 17,818 18,648 19,896 20,482 21,460 21,747 21,977	7/25/2014 16,943 16,503 16,407 16,366 16,610 17,328 18,358 19,049 19,808 20,494 20,935 21,028	7/26/2014 15,958 15,548 15,198 15,264 15,505 15,475 16,022 16,889 18,269 19,431 19,991 20,433	7/27/2014 17,026 16,489 16,326 16,290 16,099 16,454 17,006 17,485 18,446 19,741 21,124 22,150	7/28/2014 17,156 16,576 16,233 16,546 17,218 17,962 18,724 19,548 20,078 20,792 21,469 21,509	7/29/2014 15,821 15,725 15,669 15,927 16,371 16,887 17,874 18,712 19,385 20,179 20,351 20,498	7/30/2014 16,011 15,718 15,563 15,730 16,332 17,036 17,901 18,792 19,526 20,216 20,703 21,336	7/31/2014 16,802 16,532 16,293 16,442 16,995 17,511 18,053 19,028 19,735 20,679 21,420 21,569
Hour 100 200 300 400 500 600 700 800 900 11000 1200 1300	7/16/2014 15,877 15,615 15,435 15,826 16,239 16,450 17,583 18,476 19,171 19,695 19,882 19,680 19,832	7/17/2014 15,701 15,576 15,374 15,537 16,248 16,388 17,207 18,216 18,915 19,728 20,403 20,733 21,023	7/18/2014 16,590 16,142 15,527 15,666 16,184 16,691 17,325 18,273 18,873 19,761 20,526 20,817 21,098	7/19/2014 15,124 14,962 14,576 14,381 14,470 15,050 15,887 16,822 17,185 17,735 18,089 17,938	7/20/2014 14,778 14,452 14,010 13,824 13,952 13,741 13,953 14,826 15,710 16,639 17,527 18,357 19,131	7/21/2014 16,686 16,292 15,880 15,860 16,345 16,914 18,395 20,065 21,371 22,645 23,974 24,870 25,552	7/22/2014 19,296 18,509 17,976 17,612 18,632 19,905 21,549 22,951 24,713 26,124 27,006 28,058	7/23/2014 21,137 20,694 18,255 19,410 20,779 21,718 22,677 24,040 24,460 24,043 23,935 23,441	7/24/2014 17,412 17,238 16,880 16,979 17,435 17,818 18,648 19,896 20,482 21,460 21,747 22,324	7/25/2014 16,943 16,503 16,407 16,366 16,610 17,328 18,358 19,049 19,808 20,494 20,935 21,028 21,515	7/26/2014 15,958 15,548 15,198 15,264 15,505 15,475 16,022 16,889 18,269 19,431 19,991 20,433 20,706	7/27/2014 17,026 16,489 16,326 16,299 16,454 17,006 17,485 18,446 19,741 21,124 22,150 22,240	7/28/2014 17,156 16,576 16,233 16,546 17,218 17,962 18,724 19,548 20,078 20,792 21,469 21,509 21,772	7/29/2014 15,821 15,725 15,669 15,927 16,371 16,887 17,874 18,712 19,385 20,179 20,351 20,498 20,904	7/30/2014 16,011 15,718 15,563 15,730 16,332 17,036 17,901 18,792 19,526 20,216 20,703 21,336 21,714	7/31/2014 16,802 16,532 16,293 16,442 16,995 17,511 18,053 19,028 19,735 20,679 21,420 21,569 22,193
Hour 100 200 300 400 500 600 700 800 900 1100 1200 1300 1400	7/16/2014 15,877 15,615 15,435 15,826 16,239 16,450 17,583 18,476 19,171 19,695 19,882 19,680 19,832 19,832	7/17/2014 15,701 15,576 15,374 15,537 16,248 16,388 17,207 18,216 18,915 19,728 20,403 20,733 21,023 20,940	7/18/2014 16,590 16,142 15,527 15,666 16,184 16,691 17,325 18,273 18,873 19,761 20,526 20,817 21,098 21,072	7/19/2014 15,124 14,962 14,576 14,381 14,470 15,050 15,887 16,822 17,185 17,735 18,089 17,938 17,483	7/20/2014 14,778 14,452 14,010 13,824 13,952 13,741 13,953 14,826 15,710 16,639 17,527 18,357 19,131 19,548	7/21/2014 16,686 16,292 15,880 15,860 16,345 20,065 21,371 22,645 23,974 24,870 25,552 26,034	7/22/2014 19,296 18,509 17,976 17,612 18,120 18,632 19,905 21,549 22,951 24,713 26,124 27,006 28,058 29,033	7/23/2014 21,137 20,694 18,255 19,410 19,944 20,779 21,718 22,677 24,040 24,460 24,043 23,935 23,441 23,014	7/24/2014 17,412 17,238 16,880 16,979 17,435 17,818 18,648 19,896 20,482 21,460 21,747 21,977 22,324 22,171	7/25/2014 16,943 16,503 16,407 16,366 16,610 17,328 18,358 19,049 19,808 20,494 20,935 21,028 21,515 21,743	7/26/2014 15,958 15,548 15,198 15,505 15,475 16,022 16,889 18,269 19,431 19,991 20,433 20,706 20,785	7/27/2014 17,026 16,489 16,326 16,290 16,099 16,454 17,006 17,485 18,446 19,741 21,124 22,150 22,240 23,045	7/28/2014 17,156 16,576 16,233 16,546 17,218 17,962 18,724 19,548 20,078 20,792 21,469 21,509 21,772 21,350	7/29/2014 15,821 15,725 15,669 15,927 16,371 16,887 17,874 18,712 19,385 20,179 20,351 20,498 20,904 20,619	7/30/2014  16,011 15,718 15,563 15,730 16,332 17,036 17,901 18,792 19,526 20,216 20,703 21,336 21,714 21,898	7/31/2014  16,802 16,532 16,293 16,442 16,995 17,511 18,053 19,028 19,735 20,679 21,420 21,569 22,193 22,700
Hour 100 200 300 400 500 600 700 800 900 1000 1300 1400 1500	7/16/2014 15,877 15,615 15,435 15,826 16,239 16,450 17,583 18,476 19,171 19,695 19,680 19,832 19,865 19,865 19,406	7/17/2014 15,701 15,576 15,374 15,537 16,248 16,388 17,207 18,216 18,915 19,728 20,403 20,733 21,023 20,940 20,608	7/18/2014 16,590 16,142 15,527 15,666 16,184 16,691 17,325 18,273 19,761 20,526 20,817 21,098 21,072 20,819	7/19/2014 15,124 14,962 14,576 14,381 14,470 15,050 15,887 16,822 17,185 17,735 18,089 17,938 17,483 17,483	7/20/2014 14,778 14,452 14,010 13,824 13,952 13,741 13,953 14,826 15,710 16,639 17,527 18,357 19,131	7/21/2014 16,686 16,292 15,880 15,860 16,345 16,914 18,395 20,065 21,371 22,645 23,974 24,870 25,552 26,034 26,593	7/22/2014 19,296 18,509 17,976 17,612 18,120 18,632 19,905 21,549 22,951 24,713 26,124 27,006 28,058 29,033 28,277	7/23/2014 21,137 20,694 18,255 19,410 19,944 20,779 21,718 22,677 24,040 24,460 24,043 23,935 23,441 23,014 23,112	7/24/2014 17,412 17,238 16,880 16,979 17,435 17,818 18,648 19,896 20,482 21,460 21,747 21,977 22,324 22,171 22,139	7/25/2014 16,943 16,503 16,407 16,366 16,610 17,328 18,358 19,049 19,808 20,494 20,935 21,028 21,515 21,743 21,708	7/26/2014 15,958 15,548 15,198 15,264 15,505 15,475 16,022 16,889 18,269 19,431 19,991 20,433 20,706 20,785 20,620	7/27/2014 17,026 16,489 16,326 16,290 16,099 16,454 17,006 17,485 18,446 19,741 21,124 22,150 22,240 23,045 23,474	7/28/2014 17,156 16,576 16,233 16,546 17,218 17,962 18,724 19,548 20,078 20,792 21,469 21,509 21,772 21,350 20,895	7/29/2014 15,821 15,725 15,669 15,927 16,371 16,887 17,874 18,712 19,385 20,179 20,351 20,498 20,904 20,619 20,256	7/30/2014 16,011 15,718 15,563 15,730 16,332 17,036 17,901 18,792 19,526 20,216 20,703 21,336 21,714 21,898 21,710	7/31/2014  16,802 16,532 16,293 16,442 16,995 17,511 18,053 19,028 19,735 20,679 21,420 21,569 22,193 22,700 22,827
Hour 100 200 300 400 500 600 700 800 900 1100 1200 1300 1400	7/16/2014 15,877 15,615 15,435 16,239 16,450 17,583 18,476 19,171 19,695 19,882 19,680 19,832 19,406 19,265	7/17/2014 15,701 15,576 15,374 15,537 16,248 16,388 17,207 18,216 18,915 19,728 20,403 20,733 21,023 20,680 20,680	7/18/2014 16,590 16,142 15,527 15,666 16,184 16,691 17,325 18,273 18,873 19,761 20,526 20,817 21,098 21,072 20,819 20,819	7/19/2014 15,124 14,962 14,576 14,381 14,470 15,050 15,887 16,822 17,185 17,735 18,089 17,938 17,483 17,343 17,343	7/20/2014 14,778 14,452 14,010 13,824 13,952 13,741 13,953 14,826 15,710 16,639 17,527 18,357 19,131 19,548 19,917 20,463	7/21/2014 16,686 16,292 15,880 15,860 16,345 16,914 18,395 20,065 21,371 22,645 23,974 24,870 25,552 26,034 26,593 26,996	7/22/2014 19,296 18,509 17,976 17,612 18,632 19,905 21,549 22,951 24,713 26,124 27,006 28,058 29,033 28,277 28,634	7/23/2014 21,137 20,694 18,255 19,410 19,944 20,779 21,718 22,677 24,040 24,460 24,043 23,935 23,441 23,014 23,112 22,958	7/24/2014 17,412 17,238 16,880 16,979 17,435 17,818 18,648 19,896 20,482 21,460 21,747 21,977 22,324 22,171 22,139 22,186	7/25/2014 16,943 16,503 16,407 16,366 16,610 17,328 18,358 19,049 19,808 20,494 20,935 21,028 21,515 21,743 21,708 21,843	7/26/2014 15,958 15,548 15,198 15,505 15,475 16,022 16,889 19,431 19,991 20,433 20,706 20,785 20,620 20,973	7/27/2014 17,026 16,489 16,326 16,290 16,099 16,454 17,006 17,485 18,446 19,741 21,124 22,150 22,240 23,045 23,474 23,164	7/28/2014 17,156 16,576 16,233 16,546 17,218 17,962 18,724 19,548 20,078 20,792 21,469 21,509 21,772 21,350 20,895 21,162	7/29/2014 15,821 15,725 15,669 15,927 16,371 16,887 17,874 18,712 19,385 20,179 20,351 20,498 20,904 20,619 20,256 20,226	7/30/2014  16,011 15,718 15,563 15,730 16,332 17,036 17,901 18,792 19,526 20,216 20,703 21,336 21,714 21,898 21,710 21,885	7/31/2014  16,802 16,532 16,293 16,442 16,995 17,511 18,053 19,028 19,735 20,679 21,420 21,569 22,193 22,700 22,827 22,898
Hour 100 200 300 400 500 600 700 800 1000 1100 1200 1300 1500 1600 1700 1700	7/16/2014  15,877 15,615 15,435 15,826 16,239 16,450 17,583 18,476 19,171 19,695 19,882 19,680 19,832 19,865 19,406 19,265 18,950	7/17/2014 15,701 15,576 15,374 15,537 16,248 16,388 17,207 18,216 19,728 20,403 20,733 21,023 20,940 20,680 20,703	7/18/2014 16,590 16,142 15,527 15,666 16,184 16,691 17,325 18,273 19,761 20,526 20,817 21,098 21,072 20,819 20,394 20,101	7/19/2014 15,124 14,962 14,576 14,381 14,470 15,050 15,887 16,822 17,185 17,735 18,089 17,938 17,483 17,343 17,349 17,399	7/20/2014 14,778 14,452 14,010 13,824 13,952 13,741 13,953 14,826 15,710 16,639 17,527 19,131 19,548 19,917 20,463 21,091	7/21/2014 16,686 16,292 15,880 15,860 16,345 16,914 18,395 20,065 21,371 22,645 23,974 24,870 25,552 26,034 26,593 26,996 27,080	7/22/2014 19,296 18,509 17,976 17,612 18,120 18,632 19,905 21,549 22,951 24,713 26,124 27,006 28,058 29,033 28,277 28,634 28,706	7/23/2014 21,137 20,694 18,255 19,410 19,944 20,779 21,718 22,677 24,040 24,460 24,043 23,935 23,441 23,112 23,112 22,958 22,161	7/24/2014 17,412 17,238 16,880 16,979 17,435 17,818 18,648 19,896 20,482 21,460 21,747 21,977 22,324 22,171 22,139 22,186 22,018	7/25/2014 16,943 16,503 16,407 16,366 16,610 17,328 18,358 19,049 19,808 20,494 20,935 21,515 21,743 21,708 21,843 20,949	7/26/2014 15,958 15,548 15,198 15,264 15,505 15,475 16,022 16,889 19,431 19,991 20,433 20,706 20,785 20,620 20,973 21,621	7/27/2014 17,026 16,489 16,326 16,290 16,099 16,454 17,006 17,485 18,446 19,741 21,124 22,150 22,240 23,045 23,474 23,164 22,745	7/28/2014 17,156 16,576 16,233 16,546 17,218 17,962 18,724 19,548 20,078 20,792 21,469 21,509 21,772 21,350 20,895 20,895 20,627	7/29/2014 15,821 15,725 15,669 15,927 16,371 16,887 17,874 18,712 20,351 20,179 20,351 20,904 20,619 20,256 20,266 20,266	7/30/2014  16,011 15,718 15,563 15,730 16,332 17,036 17,901 18,792 19,526 20,216 20,703 21,336 21,714 21,898 21,710 21,885 21,773	7/31/2014  16,802 16,532 16,293 16,442 16,995 17,511 18,053 19,028 19,735 20,679 21,420 21,569 22,193 22,700 22,827 22,898 22,859
Hour  100 200 300 400 500 600 700 800 900 1100 1200 1300 1500 1600 1700 1800	7/16/2014  15,877 15,615 15,435 15,826 16,239 16,450 17,583 18,476 19,171 19,695 19,882 19,680 19,832 19,865 19,406 19,265 18,950 19,093	7/17/2014 15,701 15,576 15,374 15,537 16,248 16,388 17,207 18,216 18,915 19,728 20,403 20,733 21,023 20,940 20,680 20,680 20,703 20,608	7/18/2014 16,590 16,142 15,527 15,666 16,184 16,691 17,325 18,273 19,761 20,526 20,817 21,072 20,819 20,394 20,101 19,610	7/19/2014  15,124  14,962  14,576  14,381  14,470  15,050  15,887  16,822  17,185  17,735  18,089  17,938  17,483  17,343  17,343  17,399  17,980  18,257	7/20/2014 14,778 14,452 14,010 13,824 13,952 13,741 13,953 14,826 15,710 16,639 17,527 18,357 19,131 19,548 19,917 20,463 21,091 21,284	7/21/2014  16,686 16,292 15,880 15,860 16,345 20,065 21,371 22,645 23,974 24,870 25,552 26,034 26,593 26,998 27,080 26,941	7/2/2014 19,296 18,509 17,976 17,612 18,120 18,632 19,905 21,549 22,951 24,713 26,124 27,006 28,058 29,033 28,277 28,634 28,706 28,706 28,706 28,706	7/23/2014 21,137 20,694 18,255 19,410 19,944 20,779 21,718 22,677 24,040 24,460 24,043 23,935 23,441 23,014 23,112 22,958 22,161 22,271	7/24/2014 17,412 17,238 16,880 16,979 17,435 17,818 18,648 19,896 20,482 21,460 21,747 21,977 22,324 22,171 22,139 22,186 22,018 21,411	7/25/2014 16,943 16,503 16,407 16,366 16,610 17,328 18,358 19,049 19,808 20,494 20,935 21,028 21,743 21,708 21,843 20,949 20,390	7/26/2014 15,958 15,548 15,198 15,505 15,475 16,022 16,889 18,269 19,431 19,991 20,433 20,706 20,735 20,620 20,973 21,621 21,513	7/27/2014 17,026 16,489 16,326 16,290 16,099 16,454 17,006 17,485 18,446 19,741 21,124 22,150 22,240 23,045 23,474 23,164 22,745 22,745 22,192	7/28/2014 17,156 16,576 16,233 16,546 17,218 17,962 18,724 19,548 20,078 20,792 21,469 21,509 21,772 21,350 20,895 21,162 20,627 20,627 20,066	7/29/2014 15,821 15,725 15,669 15,927 16,371 16,887 17,874 18,712 19,385 20,179 20,351 20,498 20,904 20,619 20,256 20,256 20,176 19,672	7/30/2014  16,011 15,718 15,563 15,730 16,332 17,036 17,901 18,792 19,526 20,216 20,703 21,336 21,714 21,898 21,710 21,885 21,773 21,240	7/31/2014  16,802 16,532 16,293 16,442 16,995 17,511 18,053 19,028 19,735 20,679 21,420 21,569 22,193 22,700 22,827 22,898 22,859 22,394
Hour 100 200 300 400 500 600 800 900 11000 1200 1300 1500 1600 1700 1800 1900 1900	7/16/2014  15,877 15,615 15,435 15,826 16,239 16,450 17,583 18,476 19,171 19,695 19,882 19,680 19,832 19,865 19,406 19,265 18,950 19,093 18,611	7/17/2014 15,701 15,576 15,374 15,537 16,248 16,388 17,207 18,216 18,915 19,728 20,403 20,733 21,023 20,940 20,608 20,608 20,703 20,608	7/18/2014  16,590 16,142 15,527 15,666 16,184 16,691 17,325 18,273 19,761 20,526 20,817 21,098 21,072 20,819 20,394 20,101 19,610 18,826	7/19/2014 15,124 14,962 14,576 14,381 14,470 15,050 15,887 16,822 17,185 17,735 18,089 17,938 17,483 17,483 17,343 17,399 17,980 18,257 17,811	7/20/2014 14,778 14,452 14,010 13,824 13,952 13,741 13,953 14,826 15,710 16,639 17,527 18,357 19,131 19,548 19,917 20,463 21,091 11,284 20,718	7/21/2014  16,686 16,292 15,880 15,860 16,345 16,914 18,395 20,065 21,371 22,645 23,974 24,870 25,552 26,034 26,593 26,996 27,080 26,941 26,406	7/22/2014  19,296 18,509 17,976 17,612 18,120 18,632 19,905 21,549 22,951 24,713 26,124 27,006 28,058 29,033 28,277 28,634 28,706 28,228 27,385	7/23/2014 21,137 20,694 18,255 19,410 19,944 20,779 21,718 22,677 24,040 24,460 24,043 23,935 23,441 23,112 22,958 22,161 22,271 21,732	7/24/2014  17,412 17,238 16,880 16,979 17,435 17,818 18,648 19,896 20,482 21,460 21,747 21,977 22,324 22,171 22,139 22,186 22,018 21,411 20,959	7/25/2014  16,943 16,503 16,407 16,366 16,610 17,328 18,358 19,049 19,808 20,494 20,935 21,028 21,515 21,743 21,708 21,843 20,949 20,939 19,732	7/26/2014  15,958 15,548 15,198 15,264 15,505 15,475 16,022 16,889 19,431 19,991 20,433 20,706 20,785 20,620 20,973 21,621 21,513 21,159	7/27/2014 17,026 16,489 16,326 16,290 16,099 16,454 17,006 17,485 18,446 19,741 21,124 22,150 22,240 23,045 23,474 23,164 22,745 22,192 21,687	7/28/2014 17,156 16,576 16,233 16,546 17,218 17,962 18,724 20,078 20,792 21,469 21,772 21,350 20,627 20,627 20,062 20,062 20,062 20,066 19,376	7/29/2014 15,821 15,725 15,669 15,927 16,371 16,887 17,874 18,712 19,385 20,179 20,351 20,498 20,904 20,619 20,256 20,262 20,176 20,176 21,672 19,672	7/30/2014  16,011 15,718 15,563 15,730 16,332 17,036 17,901 18,792 19,526 20,216 20,703 21,336 21,714 21,898 21,710 21,885 21,773 21,240 20,869	7/31/2014  16,802 16,532 16,293 16,442 16,995 17,511 18,053 19,028 19,735 20,679 21,420 21,569 22,193 22,700 22,827 22,898 22,859 22,394 21,805
Hour  100 200 300 400 500 600 700 800 1000 1100 1200 1300 1400 1500 1700 1800 1700 1800 1900 2000	7/16/2014  15,877 15,615 15,435 15,626 16,239 16,450 17,583 18,476 19,171 19,695 19,882 19,685 19,865 19,406 19,265 18,950 19,093 18,611 18,370	7/17/2014 15,701 15,576 15,374 15,537 16,248 16,388 17,207 18,216 19,728 20,403 20,733 20,940 20,608 20,608 20,608 20,680 20,608 20,602 20,608 20,608 20,608	7/18/2014  16,590 16,142 15,527 15,666 16,184 16,691 17,325 18,273 19,761 20,526 20,817 21,098 21,072 20,819 20,394 20,101 19,610 18,826 18,508	7/19/2014  15,124 14,962 14,576 14,381 14,470 15,050 15,887 16,822 17,185 17,735 18,089 17,938 17,483 17,349 17,980 18,257 17,811 17,541	7/20/2014 14,778 14,452 14,010 13,824 13,952 13,741 13,953 14,826 15,710 16,639 17,527 18,357 19,131 19,548 19,917 20,463 21,091 21,284 20,718 20,090	7/21/2014 16,686 16,292 15,880 15,860 16,345 16,914 18,395 20,065 21,371 22,645 23,974 24,870 25,552 26,034 26,593 26,996 27,080 26,941 26,406 25,307	7/22/2014  19,296 18,509 17,976 17,612 18,632 19,905 21,549 22,951 24,713 26,124 27,006 28,058 29,033 28,277 28,634 28,706 28,228 27,385 27,079	7/23/2014 21,137 20,694 18,255 19,410 20,779 21,718 22,677 24,040 24,460 24,043 23,935 23,441 23,014 23,112 22,958 22,161 22,271 21,732 21,180	7/24/2014  17,412 17,238 16,880 16,979 17,435 17,818 18,648 19,896 20,482 21,460 21,747 21,797 22,324 22,171 22,139 22,186 22,018 21,411 20,959 20,163	7/25/2014  16,943 16,503 16,407 16,366 16,610 17,328 18,358 19,049 19,808 20,494 20,935 21,028 21,515 21,743 21,708 21,843 20,949 20,390 19,732 19,678	7/26/2014  15,958 15,548 15,198 15,505 15,475 16,022 16,889 19,431 19,991 20,433 20,706 20,785 20,620 20,973 21,621 21,1519 21,367	7/27/2014 17,026 16,489 16,326 16,099 16,454 17,006 17,485 18,446 19,741 21,124 22,150 22,240 23,045 23,474 23,164 22,745 22,192 21,687 20,979	7/28/2014  17,156 16,576 16,233 16,546 17,218 17,962 18,724 19,548 20,078 20,792 21,469 21,509 21,772 21,350 20,895 21,162 20,627 20,066 19,376 19,175	7/29/2014 15,821 15,725 15,669 15,927 16,371 16,887 17,874 18,712 19,385 20,179 20,351 20,498 20,904 20,619 20,256 20,266 20,276 19,672 19,672 19,043 18,740	7/30/2014  16,011 15,718 15,563 15,730 16,332 17,036 17,901 18,792 19,526 20,216 20,703 21,336 21,714 21,898 21,710 21,885 21,773 21,240 20,869 20,484	7/31/2014  16,802 16,532 16,293 16,492 16,995 17,511 18,053 19,028 19,735 20,679 21,420 21,569 22,193 22,700 22,827 22,898 22,859 22,394 21,805 21,151
Hour 100 200 300 400 500 600 700 800 900 1100 1200 1500 1600 1700 1800 1900 2000 2100 2100	7/16/2014  15,877 15,615 15,435 15,826 16,239 16,450 17,583 18,476 19,171 19,695 19,882 19,680 19,832 19,865 19,406 19,265 18,950 19,093 18,611 18,370 18,903	7/17/2014 15,701 15,576 15,374 15,537 16,248 16,388 17,207 18,216 19,728 20,403 20,733 21,023 20,940 20,608 20,608 20,703 20,608 20,703 20,608 20,025 19,559 19,559	7/18/2014  16,590 16,142 15,527 15,666 16,184 16,691 17,325 18,873 19,761 20,526 20,817 21,098 21,072 20,819 20,394 20,101 19,610 18,826 18,508 19,127	7/19/2014  15,124 14,962 14,576 14,381 14,470 15,050 15,887 16,822 17,185 17,735 18,089 17,938 17,483 17,343 17,343 17,399 17,980 18,257 17,811 17,541	7/20/2014 14,778 14,452 14,010 13,824 13,952 13,741 13,953 14,826 15,710 16,639 17,527 19,131 19,548 19,917 20,463 21,091 21,284 20,718 20,090 20,388	7/21/2014  16,686 16,292 15,880 15,860 16,345 16,914 18,395 20,065 21,371 22,645 23,974 24,870 25,552 26,034 26,593 26,996 27,080 26,941 26,406 25,307 24,992	7/22/2014  19,296 18,509 17,976 17,612 18,632 19,905 21,549 22,951 24,713 26,124 27,006 28,058 29,033 28,277 28,634 28,706 28,228 27,385 27,079 26,874	7/23/2014 21,137 20,694 18,255 19,410 19,944 20,779 21,718 22,677 24,040 24,460 24,043 23,935 23,441 23,014 23,112 22,958 22,161 22,271 21,732 21,180 21,409	7/24/2014  17,412 17,238 16,880 16,979 17,435 17,818 18,648 19,896 20,482 21,460 21,747 21,977 22,324 22,171 22,139 22,186 22,018 21,411 20,959 20,163 20,757	7/25/2014  16,943 16,503 16,407 16,366 16,610 17,328 18,358 19,049 19,808 20,494 20,935 21,028 21,515 21,743 21,708 21,843 20,949 20,390 19,732 19,878 20,199	7/26/2014  15,958 15,548 15,198 15,565 15,475 16,022 16,889 18,269 19,431 19,991 20,433 20,706 20,795 20,620 20,973 21,621 21,513 21,159 21,367 21,681	7/27/2014 17,026 16,489 16,326 16,290 16,099 16,454 17,006 17,485 18,446 19,741 21,124 22,150 22,240 23,045 23,474 23,164 22,745 22,192 21,687 20,979 20,620	7/28/2014  17,156 16,576 16,233 16,546 17,218 17,962 18,724 19,548 20,078 20,792 21,469 21,509 21,772 21,350 20,895 21,162 20,627 20,066 19,376 19,175 19,633	7/29/2014 15,821 15,725 15,669 15,927 16,371 16,887 17,874 18,712 20,351 20,498 20,904 20,619 20,256 20,266 20,176 19,672 19,043 18,740	7/30/2014  16,011 15,718 15,563 15,730 16,332 17,036 17,901 18,792 19,526 20,216 20,703 21,336 21,714 21,898 21,710 21,885 21,773 21,240 20,869 20,484 20,700	7/31/2014  16,802 16,532 16,293 16,442 16,995 17,511 18,053 19,028 19,735 20,679 21,420 21,569 22,193 22,700 22,827 22,898 22,859 22,394 21,805 21,151 21,691
Hour  100 200 300 400 500 600 700 800 1000 1100 1200 1300 1500 1600 1700 1800 1900 2000 2100 2200	7/16/2014  15,877 15,615 15,436 15,826 16,239 16,450 17,583 18,476 19,171 19,695 19,882 19,680 19,832 19,865 19,406 19,265 18,950 19,093 18,611 18,370 18,903 18,219	7/17/2014 15,701 15,576 15,374 15,537 16,248 16,388 17,207 18,216 18,915 19,728 20,403 20,733 21,023 20,940 20,608 20,608 20,608 20,608 20,608 20,608 20,608 20,608 20,608 20,608 20,608 20,608 20,949 20,608 20,608 20,608 20,608 20,608 20,608 20,608 20,608	7/18/2014  16,590 16,142 15,527 15,666 16,184 16,691 17,325 18,873 19,761 20,526 20,817 21,098 21,072 20,819 20,394 20,101 19,610 18,826 18,508 19,127 18,148	7/19/2014  15,124 14,962 14,576 14,381 14,470 15,050 15,887 16,822 17,185 17,735 18,089 17,938 17,483 17,343 17,349 17,980 18,257 17,811 17,541 17,576	7/20/2014 14,778 14,452 14,010 13,824 13,952 13,741 13,953 14,826 15,710 16,639 17,527 18,357 19,131 19,548 19,917 20,463 21,091 21,284 20,718 20,090 20,388 19,671	7/21/2014  16,686 16,292 15,880 15,860 16,345 16,914 18,395 20,065 21,371 22,645 23,974 24,870 25,552 26,034 26,593 26,996 27,080 26,941 26,406 25,307 24,992 23,920	7/22/2014  19,296 18,509 17,976 17,612 18,120 18,632 19,905 21,549 22,951 24,713 26,124 27,006 28,058 29,033 28,277 28,634 28,706 28,228 27,385 27,079 26,874 25,201	7/23/2014 21,137 20,694 18,255 19,410 19,944 20,779 21,718 22,677 24,040 24,460 24,460 23,935 23,441 23,112 22,958 22,161 21,732 21,180 21,409 20,401	7/24/2014  17,412 17,238 16,880 16,979 17,435 17,818 18,648 19,896 20,482 21,460 21,747 22,324 22,171 22,139 22,186 22,018 21,411 20,959 20,163 20,757 19,886	7/25/2014  16,943 16,503 16,407 16,366 16,610 17,328 18,358 19,049 19,808 20,494 20,935 21,028 21,743 21,708 21,843 20,949 20,390 19,732 19,878 20,199 19,582	7/26/2014  15,958 15,548 15,198 15,264 15,505 15,475 16,022 16,889 18,269 19,431 19,991 20,433 20,706 20,785 20,620 20,973 21,621 21,513 21,159 21,367 21,681 20,625	7/27/2014 17,026 16,489 16,326 16,290 16,099 16,454 17,006 17,485 18,446 19,741 21,124 22,150 22,240 23,045 23,474 23,164 22,745 22,192 21,687 20,979 20,620 19,719	7/28/2014  17,156 16,576 16,233 16,546 17,218 17,962 18,724 19,548 20,078 20,792 21,469 21,509 21,772 21,350 20,895 21,162 20,627 20,066 19,376 19,175 19,633 18,658	7/29/2014 15,821 15,725 15,669 15,927 16,371 16,887 17,874 18,712 19,385 20,179 20,351 20,498 20,904 20,619 20,256 20,226 20,176 19,672 19,672 19,043 18,740 19,424 18,751	7/30/2014  16,011 15,718 15,563 15,730 16,332 17,036 17,901 18,792 19,526 20,216 20,703 21,336 21,714 21,895 21,710 21,885 21,773 21,240 20,869 20,484 20,700 19,474	7/31/2014  16,802 16,532 16,293 16,442 16,995 17,511 18,053 19,028 19,735 20,679 21,420 21,569 22,193 22,700 22,827 22,898 22,859 22,394 21,805 21,151 21,691 20,761
Hour 100 200 300 400 500 600 700 800 900 1100 1200 1500 1600 1700 1800 1900 2000 2100 2100	7/16/2014  15,877 15,615 15,435 15,826 16,239 16,450 17,583 18,476 19,171 19,695 19,882 19,680 19,832 19,865 19,406 19,265 18,950 19,093 18,611 18,370 18,903	7/17/2014 15,701 15,576 15,374 15,537 16,248 16,388 17,207 18,216 18,915 19,728 20,403 20,733 21,023 20,940 20,608 20,608 20,703 20,608 20,608 20,025 19,559 19,429 19,366 18,040	7/18/2014  16,590 16,142 15,527 15,666 16,184 16,691 17,325 18,273 18,873 19,761 20,526 20,817 21,098 21,072 20,819 20,101 19,610 18,826 18,508 19,127 18,148 16,615	7/19/2014  15,124 14,962 14,576 14,381 14,470 15,050 15,887 16,822 17,185 17,735 18,089 17,938 17,483 17,343 17,399 17,980 18,257 17,811 17,541 17,976 17,302 16,476	7/20/2014 14,778 14,452 14,010 13,824 13,952 13,741 13,953 14,826 15,710 16,639 17,527 18,357 19,131 19,548 19,917 20,463 21,091 21,284 20,718 20,090 20,388 20,090 20,388 19,671 18,582	7/21/2014  16,686 16,292 15,880 15,860 16,345 16,914 18,395 20,065 21,371 22,645 23,974 24,870 25,552 26,034 26,593 26,998 27,080 26,941 26,406 25,307 24,992 23,920 21,975	7/22/2014  19,296 18,509 17,976 17,612 18,120 18,632 19,905 21,549 22,951 24,713 26,124 27,006 28,058 29,033 28,277 28,634 28,706 28,228 27,385 27,079 26,874 25,201 23,468	7/23/2014 21,137 20,694 18,255 19,410 19,944 20,779 21,718 22,677 24,040 24,460 24,043 23,935 23,441 23,014 23,112 22,958 22,161 22,271 21,732 21,180 21,409 20,401 19,091	7/24/2014  17,412 17,238 16,880 16,979 17,435 17,818 18,648 19,896 20,482 21,460 21,747 21,977 22,324 22,171 22,139 22,186 22,018 21,411 20,959 20,163 20,757 19,886 18,366	7/25/2014  16,943 16,503 16,407 16,366 16,610 17,328 18,358 19,049 19,808 20,494 20,935 21,028 21,515 21,743 20,949 20,390 19,732 19,878 20,199 19,582 11,595	7/26/2014  15,958 15,548 15,198 15,264 15,505 15,475 16,022 16,889 19,431 19,991 20,433 20,706 20,785 20,620 20,973 21,621 21,159 21,367 21,681 20,525 19,372	7/27/2014  17,026 16,489 16,326 16,290 16,099 16,454 17,006 17,485 18,446 19,741 21,124 22,150 22,240 23,045 23,474 23,164 22,745 22,192 21,687 20,979 20,620 19,719 18,507	7/28/2014  17,156 16,576 16,233 16,546 17,218 17,962 18,724 19,548 20,078 20,792 21,469 21,509 21,772 21,350 20,895 21,162 20,627 20,066 19,376 19,175 19,633 18,658 17,536	7/29/2014 15,821 15,725 15,669 15,927 16,371 16,887 17,874 18,712 19,385 20,179 20,351 20,498 20,904 20,619 20,256 20,276 19,672 19,672 19,043 18,740 19,424 18,751 17,617	7/30/2014  16,011 15,718 15,563 15,730 16,332 17,036 17,901 18,792 19,526 20,216 20,703 21,336 21,714 21,898 21,714 21,898 21,773 21,240 20,869 20,484 20,700 19,474 18,279	7/31/2014  16,802 16,532 16,293 16,442 16,995 17,511 18,053 19,028 19,735 20,679 21,420 21,569 22,193 22,700 22,827 22,898 22,898 22,899 22,394 21,805 21,151 21,691 20,761 19,408
Hour  100 200 300 400 500 600 700 800 1000 1100 1200 1300 1500 1600 1700 1800 2000 2100 2200 2300	7/16/2014  15,877 15,615 15,435 15,626 16,239 16,450 17,583 18,476 19,171 19,695 19,882 19,865 19,406 19,265 18,950 19,093 18,611 18,370 18,903 18,219 17,184	7/17/2014 15,701 15,576 15,374 15,537 16,248 16,388 17,207 18,216 18,915 19,728 20,403 20,733 21,023 20,940 20,608 20,608 20,608 20,608 20,608 20,608 20,608 20,608 20,608 20,608 20,608 20,608 20,949 20,608 20,608 20,608 20,608 20,608 20,608 20,608 20,608	7/18/2014  16,590 16,142 15,527 15,666 16,184 16,691 17,325 18,873 19,761 20,526 20,817 21,098 21,072 20,819 20,394 20,101 19,610 18,826 18,508 19,127 18,148	7/19/2014  15,124 14,962 14,576 14,381 14,470 15,050 15,887 16,822 17,185 17,735 18,089 17,938 17,483 17,343 17,349 17,980 18,257 17,811 17,541 17,576	7/20/2014 14,778 14,452 14,010 13,824 13,952 13,741 13,953 14,826 15,710 16,639 17,527 18,357 19,131 19,548 19,917 20,463 21,091 21,284 20,718 20,090 20,388 19,671	7/21/2014  16,686 16,292 15,880 15,860 16,345 16,914 18,395 20,065 21,371 22,645 23,974 24,870 25,552 26,034 26,593 26,996 27,080 26,941 26,406 25,307 24,992 23,920	7/22/2014  19,296 18,509 17,976 17,612 18,120 18,632 19,905 21,549 22,951 24,713 26,124 27,006 28,058 29,033 28,277 28,634 28,706 28,228 27,385 27,079 26,874 25,201	7/23/2014 21,137 20,694 18,255 19,410 19,944 20,779 21,718 22,677 24,040 24,460 24,460 23,935 23,441 23,112 22,958 22,161 21,732 21,180 21,409 20,401	7/24/2014  17,412 17,238 16,880 16,979 17,435 17,818 18,648 19,896 20,482 21,460 21,747 22,324 22,171 22,139 22,186 22,018 21,411 20,959 20,163 20,757 19,886	7/25/2014  16,943 16,503 16,407 16,366 16,610 17,328 18,358 19,049 19,808 20,494 20,935 21,028 21,743 21,708 21,843 20,949 20,390 19,732 19,878 20,199 19,582	7/26/2014  15,958 15,548 15,198 15,264 15,505 15,475 16,022 16,889 18,269 19,431 19,991 20,433 20,706 20,785 20,620 20,973 21,621 21,513 21,159 21,367 21,681 20,625	7/27/2014 17,026 16,489 16,326 16,290 16,099 16,454 17,006 17,485 18,446 19,741 21,124 22,150 22,240 23,045 23,474 23,164 22,745 22,192 21,687 20,979 20,620 19,719	7/28/2014  17,156 16,576 16,233 16,546 17,218 17,962 18,724 19,548 20,078 20,792 21,469 21,509 21,772 21,350 20,895 21,162 20,627 20,066 19,376 19,175 19,633 18,658	7/29/2014 15,821 15,725 15,669 15,927 16,371 16,887 17,874 18,712 19,385 20,179 20,351 20,498 20,904 20,619 20,256 20,226 20,176 19,672 19,672 19,043 18,740 19,424 18,751	7/30/2014  16,011 15,718 15,563 15,730 16,332 17,036 17,901 18,792 19,526 20,216 20,703 21,336 21,714 21,895 21,710 21,885 21,773 21,240 20,869 20,484 20,700 19,474	7/31/2014  16,802 16,532 16,293 16,442 16,995 17,511 18,053 19,028 19,735 20,679 21,420 21,569 22,193 22,700 22,827 22,898 22,859 22,394 21,805 21,151 21,691 20,761
Hour  100 200 300 400 500 600 700 800 1000 1100 1200 1300 1500 1600 1700 1800 2000 2100 2200 2300	7/16/2014  15,877 15,615 15,435 15,626 16,239 16,450 17,583 18,476 19,171 19,695 19,882 19,865 19,406 19,265 18,950 19,093 18,611 18,370 18,903 18,219 17,184	7/17/2014 15,701 15,576 15,374 15,537 16,248 16,388 17,207 18,216 18,915 19,728 20,403 20,733 21,023 20,940 20,608 20,608 20,703 20,608 20,608 20,025 19,559 19,429 19,366 18,040	7/18/2014  16,590 16,142 15,527 15,666 16,184 16,691 17,325 18,273 18,873 19,761 20,526 20,817 21,098 21,072 20,819 20,101 19,610 18,826 18,508 19,127 18,148 16,615	7/19/2014  15,124 14,962 14,576 14,381 14,470 15,050 15,887 16,822 17,185 17,735 18,089 17,938 17,483 17,343 17,399 17,980 18,257 17,811 17,541 17,976 17,302 16,476	7/20/2014 14,778 14,452 14,010 13,824 13,952 13,741 13,953 14,826 15,710 16,639 17,527 18,357 19,131 19,548 19,917 20,463 21,091 21,284 20,718 20,090 20,388 20,090 20,388 19,671 18,582	7/21/2014  16,686 16,292 15,880 15,860 16,345 16,914 18,395 20,065 21,371 22,645 23,974 24,870 25,552 26,034 26,593 26,998 27,080 26,941 26,406 25,307 24,992 23,920 21,975	7/22/2014  19,296 18,509 17,976 17,612 18,120 18,632 19,905 21,549 22,951 24,713 26,124 27,006 28,058 29,033 28,277 28,634 28,706 28,228 27,385 27,079 26,874 25,201 23,468	7/23/2014 21,137 20,694 18,255 19,410 19,944 20,779 21,718 22,677 24,040 24,460 24,043 23,935 23,441 23,014 23,112 22,958 22,161 22,271 21,732 21,180 21,409 20,401 19,091	7/24/2014  17,412 17,238 16,880 16,979 17,435 17,818 18,648 19,896 20,482 21,460 21,747 21,977 22,324 22,171 22,139 22,186 22,018 21,411 20,959 20,163 20,757 19,886 18,366 17,460	7/25/2014  16,943 16,503 16,407 16,366 16,610 17,328 18,358 19,049 19,808 20,494 20,935 21,028 21,515 21,743 21,708 21,843 20,949 20,390 19,732 19,878 20,199 19,582 17,974 16,819	7/26/2014  15,958 15,548 15,198 15,264 15,505 15,475 16,022 16,889 18,269 19,431 19,991 20,433 20,706 20,785 20,620 20,973 21,621 21,513 21,159 21,367 21,681 20,525 19,372 18,077	7/27/2014  17,026 16,489 16,326 16,290 16,099 16,454 17,006 17,485 18,446 19,741 21,124 22,150 22,240 23,045 23,474 23,164 22,745 22,192 21,687 20,979 20,620 19,719 18,507 17,865	7/28/2014  17,156 16,576 16,233 16,546 17,218 17,962 18,724 19,548 20,078 20,792 21,469 21,509 21,772 21,350 20,627 20,062 19,376 19,175 19,633 18,658 17,536 16,725	7/29/2014 15,821 15,725 15,669 15,927 16,371 16,887 17,874 18,712 19,385 20,179 20,351 20,498 20,904 20,619 20,256 20,226 20,176 19,672 19,043 18,740 19,424 18,751 17,617 16,760	7/30/2014  16,011 15,718 15,563 15,730 16,332 17,036 17,901 18,792 19,526 20,216 20,703 21,336 21,714 21,898 21,710 21,885 21,773 21,240 20,869 20,484 20,700 19,474 18,279 17,619	7/31/2014  16,802 16,532 16,293 16,442 16,995 17,511 18,053 19,028 19,735 20,679 21,420 21,569 22,193 22,700 22,827 22,898 22,859 22,394 21,805 21,151 21,691 20,761 19,408 18,422
Hour  100 200 300 400 500 600 700 800 900 1100 1200 1300 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400	7/16/2014  15,877 15,615 15,435 15,826 16,239 16,450 17,583 18,476 19,171 19,695 19,882 19,680 19,832 19,865 19,406 19,265 19,406 19,265 19,093 18,611 18,370 18,903 18,219 17,184 16,508	7/17/2014  15,701 15,576 15,374 15,537 16,248 16,388 17,207 18,216 18,915 19,728 20,403 20,733 21,023 20,940 20,608 20,608 20,608 20,005 19,559 19,429 19,366 18,040 17,026	7/18/2014  16,590 16,142 15,527 15,666 16,184 16,691 17,325 18,873 19,761 20,526 20,817 21,098 21,072 20,819 20,394 20,101 19,610 18,826 18,508 19,127 18,148 16,615 15,805	7/19/2014  15,124 14,962 14,576 14,381 14,470 15,050 15,887 16,822 17,185 17,735 18,089 17,938 17,483 17,343 17,343 17,399 17,980 18,257 17,811 17,541 17,976 17,302 16,476 15,671	7/20/2014 14,778 14,452 14,010 13,824 13,952 13,741 13,953 14,826 15,710 16,639 17,527 19,131 19,548 19,917 20,463 21,091 21,284 20,718 20,090 20,388 19,671 18,582 17,623	7/21/2014  16,686 16,292 15,880 15,860 16,345 16,914 18,395 20,065 21,371 22,645 23,974 24,870 25,552 26,034 26,593 26,996 27,080 26,941 26,406 25,307 24,992 23,920 21,975 20,302	7/22/2014  19,296 18,509 17,976 17,612 18,632 19,905 21,549 22,951 24,713 26,124 27,006 28,058 29,033 28,277 28,634 28,706 28,228 27,385 27,3707 26,874 25,201 23,468 22,298	7/23/2014 21,137 20,694 18,255 19,410 19,944 20,779 21,718 22,677 24,040 24,460 24,043 23,935 23,441 23,014 23,112 22,958 22,161 22,271 21,732 21,180 20,401 19,091 18,264	7/24/2014  17,412 17,238 16,880 16,979 17,435 17,818 18,648 19,896 20,482 21,460 21,747 21,977 22,324 22,171 22,139 22,186 22,018 21,411 20,959 20,163 20,757 19,886 18,366	7/25/2014  16,943 16,503 16,407 16,366 16,610 17,328 18,338 19,049 19,808 20,494 20,935 21,028 21,515 21,743 21,708 21,843 20,949 20,390 19,732 19,878 20,199 19,582 17,974 16,819	7/26/2014  15,958 15,548 15,198 15,264 15,505 15,475 16,022 16,889 19,431 19,991 20,433 20,706 20,785 20,620 20,973 21,621 21,159 21,367 21,681 20,525 19,372	7/27/2014  17,026 16,489 16,326 16,290 16,099 16,454 17,006 17,485 18,446 19,741 21,124 22,150 22,240 23,045 23,474 23,164 22,745 22,192 21,687 20,979 20,620 19,719 18,507 17,865	7/28/2014  17,156 16,576 16,233 16,546 17,218 17,962 18,724 19,548 20,078 20,792 21,469 21,509 21,772 21,350 20,895 21,162 20,627 20,066 19,376 19,175 19,633 18,658 17,536	7/29/2014 15,821 15,725 15,669 15,927 16,371 16,887 17,874 18,712 19,385 20,179 20,351 20,498 20,904 20,619 20,256 20,276 19,672 19,043 18,740 19,424 18,751 17,617 16,760	7/30/2014  16,011 15,718 15,563 15,730 16,332 17,036 17,901 18,792 19,526 20,216 20,703 21,336 21,714 21,898 21,714 21,898 21,773 21,240 20,869 20,484 20,700 19,474 18,279	7/31/2014  16,802 16,532 16,293 16,442 16,995 17,511 18,053 19,028 19,735 20,679 21,420 21,569 22,193 22,700 22,827 22,898 22,898 22,899 22,394 21,805 21,151 21,691 20,761 19,408



## APPENDIX A -Loan Schedule

### CITY OF NAPOLEON RATE LEVELIZATION FUND LOAN SCHEDULE

Estimated Annual Interest Rate:

0.00%

	11	Pavment from				
		AMP to	7	ionthly Interest		
Month(1)	10000	funicipality (2)		Credit	$A_0$	cumulated Loan Balance
Jan-14	\$	(190,000.00)	S	-	\$	(190,000.00)
Feb-14	S	(120,000.00)	S	-	\$	(310,000.00)
Mar-14	S	(120,000.00)	\$	-	\$	(430,000.00)
Apr-14	\$	(90,000.00)	\$	-	\$	(520,000.00)
May-14	\$	(120,000.00)	\$	( <del>-</del>	\$	(640,000.00)
Jun-14	S	(120,000.00)	\$	(2)	\$	(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)	\$	Ψ,	\$	(1,520,000.00)
Jan-15	5	(40,000.00)	\$	=	\$	(1,560,000.00)
Feb-15	\$	(10,000.00)	\$	28	S	(1,570,000.00)
Mar-15	\$	(30,000.00)	S	50	\$	(1,600,000.00)
Apr-15	S	50,000.00	\$	428	\$	(1,550,000.00)
May-15	\$	20,000.00	\$	#I	\$	(1,530,000.00)
Jun-15	\$	100,000.00	\$	¥1	S	(1,430,000.00)
Jul-15	\$	70,000.00	3	=	\$	(1,360,000.00)
Aug-15	S	70,000.00	S	=	\$	(1,290,000.00)
Sep-15	S	150,000.00	\$	-	S	(1,140,000.00)
Oct-15	S	150,000.00	S	<u> </u>	\$	(990,000.00)
Nov-15	\$	150,000.00	S	<del>72</del>	\$	(840,000.00)
Dec-15	\$	70,000.00	\$	=	\$	(770,000.00)
Jan-16	S	70,000.00	\$	. <del></del>	\$	(700,000.00)
Feb-16	S	110,000.00	\$	**	\$	(590,000.00)
Mar-16	S	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	\$	-	\$	(180,000.00)
Jul-16	\$	20,000.00	\$	·	\$	(160,000.00)
Aug-16	S	20,000.00	S	_	S	(140,000.00)
Sep-16	S	60,000.00	S		\$	(80,000.00)
Oct-16	S	60,000.00	S	-	S	(20,000.00)
Nov-16	\$	20,000.00	\$	~	\$	
Dec-16	\$	-	S	· ·	\$	=

<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.



Omega Joint Venture Two INVOICE NUMBER: 182980

1111 Schrock Rd, Suite 100 **INVOICE DATE**: 8/5/2014

COLUMBUS, OHIO 43229 **DUE DATE**: 8/15/2014

PHONE: (614) 540-1111 **TOTAL AMOUNT DUE:** \$451.44

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 - July, 2014

Do Not Pay
Paid by E-Pay
American Municipal PWR Inc
Ray Merrill
614-540-0914

FIXED RATE CHARGE: 264 kW \* \$1.67 / kW = \$440.59

 ENERGY CHARGE:
 0 kWh \*
 \$0.000000 / kWh =
 \$0.00

 SERVICE FEES:
 0 kWh \*
 \$0.000000 / kWh =
 \$0.00

 Fuel Costs that were not recovered through Energy Sales to Market
 =
 \$10.84

TOTAL CHARGES \$451.44



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 Ray Merrill 614-540-0914

City of Napoleon

Gregory J. Heath, Finance Director 255 W. Riverview Ave., P.O. Box 151 Napoleon, Ohio 43545-0151 INVOICE NUMBER: 183043

INVOICE DATE: 8/1/2014

**DUE DATE**: 8/20/2014

TOTAL AMOUNT DUE: \$59,306.52

CUSTOMER NUMBER: 5020

CUSTOMER P.O. NUMBER: BL980397

MAKE CHECKS PAYABLE TO: OMEGA JV5

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

#### FOR THE MONTH/YEAR OF: July, 2014

**DEMAND CHARGES:** 

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

Base Operating Expense Demand Charge: Seca Associated with JV5.	\$4.884278 \$0.000000	/ kW * / kW *	3,088 kW = 3,088 kW =	\$15,082.65 \$0.00
TOTAL DEMAND CHARGES:	\$4.884278	/ kW *	3,088 kW =	\$15,082.65
ENERGY CHARGES: JV5 Repl. Pwr. & Variable (Budgeted Rate): JV5 Fuel Cost (Actual Expense):	\$0.019249 \$0.000000	/ kWh * / kWh *	2,297,472 kWh = 2,297,472 kWh =	\$44,223.87 \$0.00
TOTAL ENERGY CHARGES:	\$0.019249	/ kWh *	2,297,472 kWh =	\$44,223.87

SUB-TOTAL \$59,306.52

### **Total OMEGA JV5 Invoice:**



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: 183085

INVOICE DATE: 8/1/2014

**DUE DATE:** 8/20/2014

**TOTAL AMOUNT DUE:** \$64,508.32

CUSTOMER NUMBER: 5020

CUSTOMER P.O. NUMBER: BL980397

MAKE CHECKS PAYABLE TO: OMEGA JV5

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

**Debt Service - OMEGA JV5** 

FOR THE MONTH/YEAR OF: August, 2014

City of Napoleon

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

Napoleon, Ohio 43545-0151

Financing CHARGES:

Debt Service \$20.890000 / kW \* 3,088 kW = \$64.508.32



AMERICAN MUNICIPAL POWER, INC.

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

FAX: (614) 540-1078

INVOICE NUMBER: 182956

**INVOICE DATE:** 8/1/2014

**DUE DATE:** 8/15/2014

TOTAL AMOUNT DUE: \$3,531.00

CUSTOMER NUMBER: 5020

CUSTOMER P.O. #:

### City of Napoleon

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

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

Do Not Pay

Paid by E-Pay
American Municipal PWR Inc
Ray Merrill

614-540-0914

Omega JV6

Project Capacity: 300 kW

Year 2014

**Demand Charge** 

300 Kw \* 11.77 per kW-Month

<u>Total</u>

Principal \$3,516.47
AMOUNT DUE FOR: August, 2014 - Interest \$14.53

TOTAL CHARGES \$3,531.00



AMERICAN MUNICIPAL POWER, INC.

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

FAX: (614) 540-1078

INVOICE NUMBER: 182966

INVOICE DATE: 8/1/2014

**DUE DATE:** 8/15/2014

TOTAL AMOUNT DUE: \$1.334.86

**CUSTOMER NUMBER:** 5020

CUSTOMER P.O. #:

City of Napoleon

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

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

Do Not Pay

Paid by E-Pay American Municipal PWR Inc

> Ray Merrill 614-540-0914

Omega JV6

**Project Capacity:** 300 kW

Year 2014

Electric Fixed

300 Kw \* 4.45 per kW-Month

Total

August, 2014 -Electric Fixed \$1,334.86

AMOUNT DUE FOR:

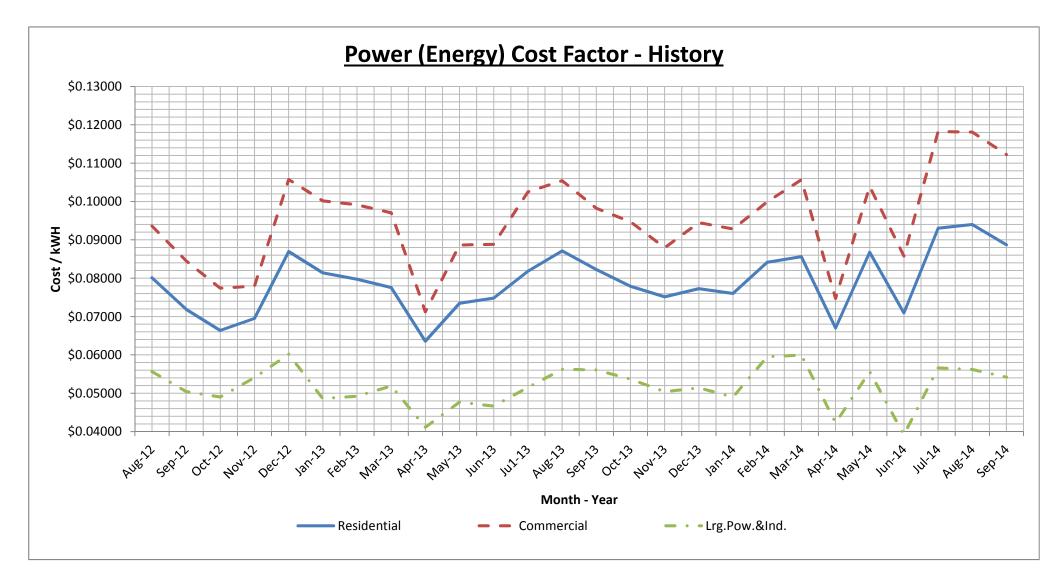
**TOTAL CHARGES** \$1,334.86

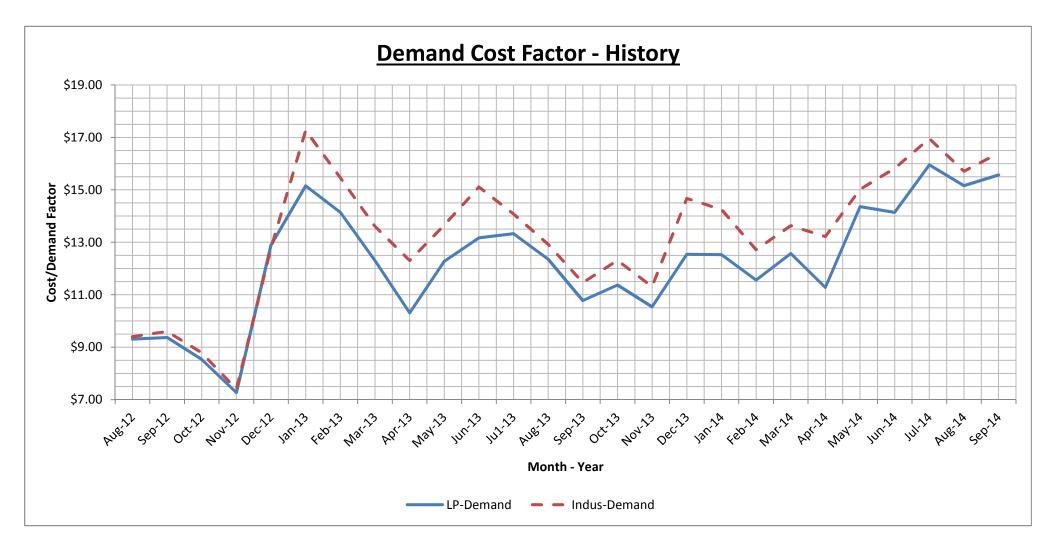
<b>BILLING DETERMINAN</b>	TS fo	r BILL	ING CYC	LE - SEP	TEMBE	R <u>. 2014</u>									
September, 2014															
2014 - SEPTEMBER BILLING WITH AL	IGUST 20	14 DATA	BILLING UNIT	S											
		Aug-14					Cost / kWH	Sep-13				Oct-13			
Class and/or	Rate	# of	Aug-14	Aug-14	Billed kVa	Cost / kWH	Prior 12 Mo	# of	Sep-13	Sep-13	Cost / kWH	# of	Oct-13	Oct-13	Cost / kWH
Schedule 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	3,327	2,643,148	\$325,313.98	0	\$0.1231	\$0.1117	3,346	2,681,569	\$298,444.75	\$0.1113	3,352	2,707,079	\$289,286.38	\$0.1069
Residential (Dom-In) w/Ecosmart	E1E	10	6,860	\$852.59	0	\$0.1243	\$0.1136	10	7,252	\$812.85	\$0.1121	10	7,615	\$817.16	\$0.1073
Residential (Dom-In - All Electric)	E2	608	425,575		0	\$0.1241	\$0.1083	611	434,612	\$48,781,14	\$0.1122	615		\$47,246.44	\$0.1079
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	821	\$100.86	0	\$0.1229	\$0.1137	1	726	\$81.37	\$0.1121	1	649	\$70.53	\$0.1087
ries.(Dom-in - All Liec.) W/Lcosmart	LZL			ψ100.00		ψ0.1223	ψ0.1107		720	Ψ01.07	ψ0.1121			Ψ70.00	ψ0.1007
Total Residential (Domestic)		3,946	3,076,404	\$379,085.34	0	\$0.1232	\$0.1111	3,968	3,124,159	\$348,120.11	\$0.1114			\$337,420.51	\$0.1070
Residential (Rural-Out)	ER1	746	780,096	\$101,240.28	0	\$0.1298	\$0.1169	751	783,642	\$92,537.54	\$0.1181	744	765,877	\$87,187.47	\$0.1138
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,587	\$351.23	0	\$0.1358	\$0.1217	701	2,850	\$349.38	\$0.1226		2,801	\$331.83	\$0.1185
Residential (Rural-Out - All Electric)	ER2	389	428,617	\$55,424.79	0	\$0.1293	\$0.1148	389	434,293	\$51,014.09	\$0.1175		420,500	\$47,656.66	\$0.1133
Res. (Rural-Out - All Electric) w/Ecosmar		2	1,327			\$0.1293	\$0.1140		1,398		\$0.1173			\$146.83	\$0.1133
, ,				\$179.56				2		\$171.69					
Residential (Rural-Out w/Dmd)	ER3	14	17,547	\$2,247.46	140	\$0.1281	\$0.1083	15	14,139	\$1,682.82	\$0.1190	15		\$1,988.32	\$0.1124
Residential (Rural-Out - All Electric w/Dm	ER4	9	10,207	\$1,316.86	92	\$0.1290	\$0.1126	9	10,130	\$1,188.67	\$0.1173	9	9,949	\$1,125.58	\$0.1131
Total Residential (Rural)		1,164	1,240,381	\$160,760.18	232	\$0.1296	\$0.1158	1,170	1,246,452	\$146,944.19	\$0.1179	1,161	1,218,032	\$138,436.69	\$0.1137
Commercial (1 Ph-In - No Dmd)	EC2	73	44,584	\$7,147.17	15	\$0.1603	\$0.1403	75	42,780	\$6,070.62	\$0.1419	74		\$5,774.75	
Commercial (1 Ph-Out - No Dmd)	EC2O	41	11,127	\$2,060.27	0	\$0.1852	\$0.1587	41	13,545	\$2,131.66	\$0.1574	41	11,662	\$1,862.65	\$0.1597
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Total Commercial (1 Ph) No Dmd		114	55,711	\$9,207.44	15	\$0.1653	\$0.1444	116	56,325	\$8,202.28	\$0.1456	115	53,315	\$7,637.40	\$0.1433
Commercial (1 Ph-In - w/Demand)	EC1	263	355,039	\$56,121.24	2058	\$0.1581	\$0.1375	267	396,656	\$53,976.78	\$0.1361	265	377,416	\$49,507.55	\$0.1312
Commercial (1 Ph-Out - w/Demand)	EC10	25	34,978	\$5,562.26	212	\$0.1590	\$0.1338	25	37,182	\$5,070.66	\$0.1364	25	34,780	\$4,604.20	\$0.1324
Commercial (1 Fil-Out - W/Demailu)	LUIU		34,970	φυ,υυΖ.Ζυ	212	φυ.1390	φυ.1556	23	37,102	φ3,070.00	φυ.1304		34,700		φυ.1324
Total Commercial (1 Ph) w/Demand		288	390,017	\$61,683.50	2,270	\$0.1582	\$0.1371	292	433,838	\$59,047.44	\$0.1361	290	412,196	\$54,111.75	\$0.1313
Commercial (3 Ph-Out - No Dmd)	EC4O	2	40	\$41.64	2	\$1.0410	\$0.1348	2	0	\$36.00	\$0.0000	2	40	\$40.70	\$1.0175
Commorcial (CTT Cat Tto Ema)				Ψ11.01		ψσσ	φοιτοιο			φου.σο	ψ0.0000			Ψ.σ	ψιιστέσ
Total Commercial (3 Ph) No Dmd		2	40		2	\$1.0410	\$0.1348	2	0	\$36.00	\$0.0000	2	40	\$40.70	\$1.0175
Total Collinercial (3 Fil) No Diliu			40	φ <del>4</del> 1.04		\$1.0410	φ0.1340	-		φ30.00	\$0.0000		40	φ <del>4</del> 0.70	\$1.0173
Commercial (3 Ph-In - w/Demand)	EC3	206	1,668,999		5913	\$0.1399	\$0.1202	208	1,740,302	\$208,949.03	\$0.1201	209		\$226,281.59	\$0.1166
Commercial (3 Ph-Out - w/Demand)	EC3O	34	233,986	\$34,105.69	1086	\$0.1458	\$0.1226	34	248,138	\$30,514.72	\$0.1230	35	312,762	\$36,336.25	\$0.1162
Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	2	95,920	\$12,877.42	374	\$0.1343	\$0.1117	2	106,920	\$12,144.04	\$0.1136	2	125,600	\$13,595.49	\$0.1082
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	2,920	\$442.82	17	\$0.1517	\$0.1242	1	4,280	\$519.86	\$0.1215	1	4,760	\$537.79	\$0.1130
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Total Commercial (3 Ph) w/Demand		243	2,001,825	\$280,958.45	7,390	\$0.1404	\$0.1201	245	2,099,640	\$252,127.65	\$0.1201	247	2,383,559	\$276,751.12	\$0.1161
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Large Power (In - w/Dmd & Rct)	EL1	24	2,691,282	\$281,359.90	6116	\$0.1045	\$0.0973	24	2,825,165	\$263,358.88	\$0.0932	24	2,851,318	\$261,397.73	\$0.0917
		2				\$0.3363	\$0.1431				\$0.1993	2			\$0.1318
Large Power (In - w/Dmd & Rct, w/SbCr)			10,560	\$3,551.30	148			2	65,640	\$13,082.45			/	\$19,867.10	
Large Power (Out - w/Dmd & Rct)	EL10	1	88,200	\$10,678.79	263	\$0.1211	\$0.1151	1	93,060	\$10,633.53	\$0.1143			\$11,043.20	\$0.1188
Large Power (Out - w/Dmd & Rct, w/Sb0		2	289,440		864	\$0.1175	\$0.1041	2	355,680	\$35,608.24	\$0.1001	2		\$35,694.13	\$0.1031
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	72,057	\$6,521.04	107	\$0.0905	\$0.1238	2	74,511	\$13,676.28	\$0.1835	2	75,559	\$15,440.11	\$0.2043
Total Large Power		31	3,151,539	\$336,126.79	7,498	\$0.1067	\$0.1006	31	3,414,056	\$336,359.38	\$0.0985	32	3,516,637	\$343,442.27	\$0.0977
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Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	2	1,886,459	\$168,052.86	3523	\$0.0891	\$0.0852	2	1,936,770	\$156,832.64	\$0.0810	2	2,054,036	\$162,716.59	\$0.0792
Industrial (In - w/Dmd & Rct, No/SbCr)	El2	1	1.072.673	\$91,909.77	1801	\$0.0857	\$0.0816	1	1,189,366	\$93.753.89	\$0.0788	1	1.022.390	\$79,931.60	\$0.0732
madethal (m - w/Dmu & net, No/SDOI)	LIC		1,072,073	Ψυ1,505.77	1001	ψυ.υσ57	ψυ.υσ16		1,109,300	ψου, / ου.09	ψυ.υ/00		1,022,030	Ψι Θ,ΘΟ 1.00	ψυ.υ102
Total Industrial		3		\$050 060 60		¢0.0070	<b>\$0,000</b>		3.126.136	\$0E0 E00 E0	<b>60 0000</b>		2.076.406	\$242.648.19	¢0.0700
Total Industrial		3	2,959,132	\$259,962.63	5,324	\$0.0879	\$0.0838	3	3,126,136	\$250,586.53	\$0.0802	3	3,076,426	<b>⊅∠4∠,</b> 048.19	\$0.0789
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Interdepartmental (In - No Dmd)	ED1	48	82,922	\$9,461.55	16	\$0.1141	\$0.1002	49	88,393	\$9,034.02	\$0.1022	48	85,376	\$8,366.37	\$0.0980
Interdepartmental (Out - No Dmd)	ED10	1	0	\$0.00	0	\$0.0000	\$0.1064	1	0	\$0.00	\$0.0000	1	0	\$0.00	\$0.0000
Interdepartmental (In - w/Dmd)	ED2	20	237,599	\$26,426.68	968	\$0.1112	\$0.0982	20	265,565	\$26,497.58	\$0.0998	20	221,105	\$21,078.59	\$0.0953
Generators (JV2 Power Cost Only)	GJV2	1	14,838		63	\$0.0335		1	7,858	\$319.03			15,302	\$459.52	
Generators (JV5 Power Cost Only)	GJV5	1	12,752		18	\$0.0335		1	12,084					\$390.63	
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Total Interdepartmental		71	348,111	\$36,811.95	1,065	\$0.1057	\$0.0946	72	373,900	\$36,341.24	\$0.0972	71	334,791	\$30,295.11	\$0.0905
				430,011.00	1,000	\$0.1007	Ç0.00-40			\$50,041.24	Ç0.001 Z				Ç0.0000
SUB-TOTAL CONSUMPTION & DEMAN	ND.	5,862	13,223,160	\$1,524,637.92	23,796	¢0 11F0	¢0 1040	5,899	13,874,506	¢1 /27 764 00	<b>¢</b> 0 1000			\$1,430,783.74	¢0 1011
SUB-TOTAL CONSUMPTION & DEMAI	4D	,		. , ,		\$0.1153	\$0.1048	_		. , ,	\$0.1036				\$0.1011
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Street Lights (In)	SLO	15	0		0	\$0.0000	\$0.0000	16	0	\$14.20	\$0.0000	19		\$24.21	\$0.0000
Street Lights (Out)	SLOO	2	0	\$0.77	0	\$0.0000	\$0.0000	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000
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Total Street Light Only		17	0	\$14.36	0	\$0.0000	\$0.0000	18	0	\$14.97	\$0.0000	21	0	\$24.98	\$0.0000
TOTAL CONSUMPTION & DEMAND		5,879	13,223,160	\$1,524,652.28	23,796	\$0.1153	\$0.1048		13,874,506		\$0.1036	5,920		\$1,430,808.72	\$0.1011
		5,575	.5,_25,100	¥ .,0=4,00£.20	20,730	Ţ0.1100	¥0.1040	5,511	.5,57 4,500	Ţ.,,	Ţ0.1000	5,020	,	+·,·	, 40.1011

<b>BILLING DETERMINANTS for</b>																	
September, 2014 2014 - SEPTEMBER BILLING WITH AUGUST 20																	
2014 GEI TEIMBEIT BIEEING WITT AGGGOT EG	Nov-13				Dec-13				Jan-14				Feb-14				Mar-14
Class and/or Rate	# of	Nov-13	Nov-13	Cost / kWH	# of	Dec-13	Dec-13	Cost / kWH	# of	Jan-14	Jan-14	Cost / kWH	# of	Feb-14	Feb-14	Cost / kWH	# of
Schedule Code Residential (Dom-In) E1	Bills 3,328	(kWh Usage) 1,933,075	<u>Billed</u> \$206,877.20	For Month \$0.1070	<u>Bills</u> 3,338	(kWh Usage) 1,860,222	<u>Billed</u> \$203,923.93	For Month \$0.1096	<u>Bills</u> 3,327	(kWh Usage) 2,165,884	<u>Billed</u> \$231,255.93	For Month \$0.1068	<u>Bills</u> 3,331	(kWh Usage) 2,652,898	<u>Billed</u> \$300,367.87	For Month \$0.1132	<u>Bills</u> 3,336
Residential (Dom-In) w/Ecosmart E1E	10	5,079	\$550.99	\$0.1070	10	4,720	\$526.48	\$0.1030	10	5,270	\$574.13	\$0.1000	10	6,477	\$744.61	\$0.1150	3,330
Residential (Dom-In - All Electric) E2	609	333,019	\$35,848.44	\$0.1076	612	437,940	\$46,953.38	\$0.1072	608	682,321	\$66,585.78	\$0.0976	607	868,660	\$95,411.75	\$0.1098	605
Res.(Dom-In - All Elec.) w/Ecosmart E2E	1	542	\$58.40	\$0.1077	1	463	\$51.75	\$0.1118	1	485	\$53.32	\$0.1099	1	661	\$75.86	\$0.1148	1
Total Residential (Domestic)	3,948	2,271,715	\$243,335.03	\$0.1071	3,961	2,303,345	\$251,455.54	\$0.1092	3,946	2,853,960	\$298,469.16	\$0.1046	3,949	3,528,696	\$396,600.09	\$0.1124	3,952
Residential (Rural-Out) ER1	746	595,586	\$67,841.14	\$0.1139	742	675,951	\$77,391.16	\$0.1145	740	813,305	\$90,536.52	\$0.1113	740	1,023,444	\$120,315.45	\$0.1176	740
Residential (Rural-Out) w/Ecosmart ER1E Residential (Rural-Out - All Electric) ER2	386	2,254 348,529	\$268.65	\$0.1192 \$0.1125	385	2,490 441,519	\$297.95 \$49,555.40	\$0.1197 \$0.1122	385	3,465 553,525	\$394.50 \$60,424.35	\$0.1139 \$0.1092	387	3,830 699,435	\$462.98 \$81,026.24	\$0.1209 \$0.1158	386
Res. (Rural-Out - All Electric) W/Ecosmar ER2E	2	1,189	\$39,193.86 \$140.53	\$0.1125	385	1,644	\$49,555.40 \$190.21	\$0.1122 \$0.1157	2	2,523	\$60,424.35	\$0.1092	2		\$409.05	\$0.1158	386
Residential (Rural-Out w/Dmd) ER3	15	16,088	\$1,769.63	\$0.1100	14	64,095	\$6,752.74	\$0.1054	14	175,609	\$17,976.90	\$0.1024	14	42,454	\$4,815.30	\$0.1134	14
Residential (Rural-Out - All Electric w/Dm ER4	9	8,980	\$1,000.22	\$0.1114	9	25,917	\$2,766.35	\$0.1067	9	29,132	\$3,061.58	\$0.1051	9	13,877	\$1,621.35	\$0.1168	9
Total Residential (Rural)	1,162	972,626	\$110,214.03	\$0.1133	1,156	1,211,616	\$136,953.81	\$0.1130	1,154	1,577,559	\$172,671.84	\$0.1095	1,156	1,786,564	\$208,650.37	\$0.1168	1,155
Commercial (1 Ph-In - No Dmd) EC2	73	39,434	\$5,211.01	\$0.1321	71	41,379	\$5,696.94	\$0.1377	71	43,626	\$5,887.59	\$0.1350	72	50,780	\$7,084.93	\$0.1395	72
Commercial (1 Ph-Out - No Dmd) EC2O	41	10,646	\$1,671.34	\$0.1570	40	14,381	\$2,166.21	\$0.1506	41	13,541	\$2,057.64	\$0.1520	41	15,107	\$2,345.41	\$0.1553	41
				46 :				<b>A</b>								40	
Total Commercial (1 Ph) No Dmd	114	50,080	\$6,882.35	\$0.1374	111	55,760	\$7,863.15	\$0.1410	112	57,167	\$7,945.23	\$0.1390	113	65,887	\$9,430.34	\$0.1431	113
Commercial (1 Ph-In - w/Demand) EC1	264	310,568	\$40,745.11	\$0.1312	264	293,036	\$40,591.69	\$0.1385	266	314,838	\$41,545.49	\$0.1320	266	354,791	\$48,252.71	\$0.1360	266
Commercial (1 Ph-Out - w/Demand) EC10	26	32,976	\$4,297.20	\$0.1303	26	31,754	\$4,382.16	\$0.1380	26	35,202	\$4,606.73	\$0.1309	25	45,573	\$5,962.21	\$0.1308	25
				*****				** ***				*****				*****	
Total Commercial (1 Ph) w/Demand	290	343,544	\$45,042.31	\$0.1311	290	324,790	\$44,973.85	\$0.1385	292	350,040	\$46,152.22	\$0.1318	291	400,364	\$54,214.92	\$0.1354	291
Commercial (3 Ph-Out - No Dmd) EC4O	2	0	\$36.00	\$0.0000	2	0	\$36.00	\$0.0000	2	13,400	\$1,580.65	\$0.1180	2	12,240	\$1,532.99	\$0.1252	2
Total Commercial (3 Ph) No Dmd	2	0	\$36.00	\$0.0000		0	\$36.00	\$0.0000	2	13,400	\$1,580.65	\$0.1180	2	12,240	\$1,532.99	\$0.1252	
Total Commercial (3 Fil) No Billu	2	U	\$30.00	φυ.υυυυ	2	Ū	\$30.00	\$0.0000		13,400	φ1,300.03	\$0.1100		12,240	\$1,552.99	φυ.1232	
Commercial (3 Ph-In - w/Demand) EC3	208	1,743,531	\$192,165.59	\$0.1102	206	1,497,011	\$176,923.62	\$0.1182	205	1,447,027	\$166,491.55	\$0.1151	204	1,447,853	\$177,029.32	\$0.1223	204
Commercial (3 Ph-Out - w/Demand) EC3O	38	282,499	\$32,418.80	\$0.1148	36	391,905	\$45,285.07	\$0.1156	36	287,798	\$34,591.74	\$0.1202	36	268,912	\$33,948.49	\$0.1262	36
Commercial (3 Ph-Out - w/Dmd.&Sub-St E3SO	2	128,480	\$13,054.38	\$0.1016	2	120,760	\$13,059.80	\$0.1081	2	127,880	\$13,528.15	\$0.1058	2	,	\$11,322.79	\$0.1161	2
Commercial (3 Ph-In - w/Demand, No Ta EC3T		4,280	\$464.03	\$0.1084		1,960	\$278.88	\$0.1423	1	1,800	\$217.47	\$0.1208		1,760	\$222.21 	\$0.1263	
Total Commercial (3 Ph) w/Demand	249	2,158,790	\$238,102.80	\$0.1103	245	2,011,636	\$235,547.37	\$0.1171	244	1,864,505	\$214,828.91	\$0.1152	243	1,816,045	\$222,522.81	\$0.1225	243
		0.510.107	4005 470 74	40.0005		0.000.400	<b>****</b>	40.0047		0.005.774	<b>*</b>	40.00.17		0.000.500	<b>*</b>	40.4057	
Large Power (In - w/Dmd & Rct) EL1  Large Power (In - w/Dmd & Rct, w/SbCr) EL2	24	2,519,427 112,320	\$225,473.74 \$15,970.35	\$0.0895 \$0.1422	24	2,392,168 140,160	\$226,455.20 \$17,688.77	\$0.0947 \$0.1262	24	2,225,771 141,240	\$210,865.07 \$17,776.39	\$0.0947 \$0.1259	24	2,063,522 127,080	\$218,102.07 \$17,566.79	\$0.1057 \$0.1382	24
Large Power (Out - w/Dmd & Rct) EL10	1	65,340	\$7,082.78	\$0.1422	1	65,880	\$7,536.58	\$0.1202	1	70,200	\$7,601.59	\$0.1239	1	74,700	\$8,360.23	\$0.1302	1
Large Power (Out - w/Dmd & Rct, w/SbC EL2O	2	340,800	\$33,623.94	\$0.0987	2	363,120	\$36,335.40	\$0.1001	2	314,400	\$31,908.05	\$0.1015	2		\$31,593.00	\$0.1205	2
Large Power (In - w/Dmd & Rct, w/SbCr) EL3	2	71,216	\$6,014.85	\$0.0845	2	75,657	\$6,509.56	\$0.0860	2	80,917	\$6,758.58	\$0.0835	2	,	\$7,861.04	\$0.0914	2
Total Laura Bauran	31	3,109,103	\$288,165.66	\$0.0927	31	3,036,985	\$294,525.51	\$0.0970	31	2,832,528	\$274,909.68	\$0.0971	31	2,613,402	\$283,483.13	\$0.1085	31
Total Large Power	31	3,109,103	\$200,100.00	\$0.0927	31	3,036,965	\$294,525.51	\$0.0970	31	2,832,528	\$274,909.00	\$0.0971	31	2,613,402	\$203,463.13	\$0.1065	31
Industrial (In - w/Dmd & Rct, w/SbCr) EI1	2	1,988,263	\$149,218.10	\$0.0750	2	1,984,035	\$162,825.47	\$0.0821	2	1,980,102	\$157,408.43	\$0.0795	2	1,764,615	\$159,115.05	\$0.0902	2
Industrial (In - w/Dmd & Rct, No/SbCr) EI2	1	1,057,587	\$77,201.69	\$0.0730	1	990,671	\$79,187.70	\$0.0799	1	1,034,124	\$87,121.03	\$0.0842	1	806,907	\$76,569.36	\$0.0949	1
Total Industrial	3	3,045,850	\$226,419.79	\$0.0743	3	2,974,706	\$242,013.17	\$0.0814	3	3,014,226	\$244,529.46	\$0.0811	3	2,571,522	\$235,684.41	\$0.0917	3
	3	5,540,000	<del>+====================================</del>	<b>43.01 40</b>	3	_,;;;;;;	<del>+= .=,010.11</del>	Ţ0.0014		J,J 17,EEU	<del>+=,020.40</del>	φυ.υυ 1 1	J	_,011,022	<del>+</del>	<b>43.00</b> 11	J
Interdepartmental (In - No Dmd) ED1	48	87,978	\$8,365.07	\$0.0951	48	126,385	\$12,262.35	\$0.0970	48	166,609	\$15,927.03	\$0.0956	48	183,455	\$19,016.54	\$0.1037	48
Interdepartmental (Out - No Dmd) ED10	1	001.050	\$0.00	\$0.0000	1	0	\$0.00	\$0.0000	1	005.410	\$0.00	\$0.0000	1	0	\$0.00	\$0.0000	1
Interdepartmental (In - w/Dmd) ED2 Generators (JV2 Power Cost Only) GJV2	20	221,353 16,349	\$20,491.16 \$817.12	\$0.0926 \$0.0500	20	245,576 18,796	\$23,251.25 \$597.15	\$0.0947 \$0.0318	20	305,446 13,913	\$28,565.44 \$457.60	\$0.0935 \$0.0329	20	374,969 22,895	\$37,992.13 \$644.27	\$0.1013 \$0.0281	20
Generators (JV5 Power Cost Only)  GJV5  GJV5	1	13,759	\$687.67	\$0.0500	1	16,535	\$525.32	\$0.0318	1	17,752	\$583.86	\$0.0329	1	19,139	\$538.57	\$0.0281	1
										PAG TC -		00.000					
Total Interdepartmental	71	339,439	\$30,361.02	\$0.0894	71	407,292	\$36,636.07	\$0.0900	71	503,720	\$45,533.93	\$0.0904	71	600,458	\$58,191.51	\$0.0969	71
SUB-TOTAL CONSUMPTION & DEMAND	5,870	12,291,147	\$1,188,558.99	\$0.0967	5,870	12,326,130	\$1,250,004.47	\$0.1014	5,855	13,067,105		\$0.1000	5,859	13,395,178	\$1,470,310.57	\$0.1098	5,861
	=				=				=:				-		========		
Street Lights (In) SLO	10	0	\$14.20	\$0.0000	10	0	\$14.20	\$0.0000	16	0	\$14.20	\$0.0000	10	0	\$14.20	\$0.0000	10
Street Lights (In) SLOO Street Lights (Out) SLOO	16	0	\$14.20 \$0.77	\$0.0000	16 2	0	\$14.20 \$0.77	\$0.0000	2	0	\$14.20 \$0.77	\$0.0000	16	0	\$14.20 \$0.77	\$0.0000	16
0200				+3.0000				Ţ0.0000				Ţ0.0000				+3.0000	
Total Street Light Only	18	0	\$14.97	\$0.0000	18	0	\$14.97	\$0.0000	18	0	\$14.97	\$0.0000	18	0	\$14.97	\$0.0000	18
TOTAL CONSUMPTION & DEMAND	5,888	12,291,147	\$1,188,573.96	\$0.0967	5,888	12,326,130	\$1,250,019.44	\$0.1014	5,873	13,067,105	\$1,306,636.05	\$0.1000	5,877	13,395,178	\$1,470,325.54	\$0.1098	5,879

<b>BILLING DETERMINAN</b>	TS fo	<u> </u>															
September, 2014																	
2014 - SEPTEMBER BILLING WITH AL	IGUST 20	).															
Class and/or	Rate	Mar-14	Mar-14	Cost / kWH	Apr-14 # of	Apr-14	Apr-14	Cost / kWH	May-14 # of	May-14	May-14	Cost / kWH	Jun-14 # of	Jun-14	Jun-14	Cost / kWH	Jul-14 # of
Schedule	Code	(kWh Usage)	Billed	For Month	# 01 Bills	(kWh Usage)	Billed	For Month	# 01 Bills	(kWh Usage)	Billed	For Month	# 01 Bills	(kWh Usage)	Billed	For Month	# 01 Bills
Residential (Dom-In)	E1	2,667,733	\$305,896.68		3,339	2,203,437	\$215,125.61	\$0.0976	3,344	2,035,009	\$240,489.13	\$0.1182	3,335	1,643,643	\$172,036.54		3,329
Residential (Dom-In) w/Ecosmart	E1E	6,297	\$734.94	\$0.1167	10	4,683	\$474.70		10	4,669	\$565.76	\$0.1212	10	4,059	\$435.42	\$0.1073	10
Residential (Dom-In - All Electric)	E2	947,151	\$105,078.20	\$0.1109	605	747,599	\$69,791.66	\$0.0934	614	624,190	\$71,198.98	\$0.1141	611	367,949	\$37,623.61	\$0.1023	610
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	517	\$61.41	\$0.1188	1	504	\$50.63	\$0.1005	1	393	\$48.57	\$0.1236	1	466	\$49.11	\$0.1054	1
Total Residential (Domestic)		3,621,698	\$411,771.23	\$0.1137	3,955	2,956,223	\$285,442.60	\$0.0966	3,969	2,664,261	\$312,302.44	\$0.1172	3,957	2,016,117	\$210,144.68	\$0.1042	3,950
Residential (Rural-Out)	ER1	1,029,204	\$122,465.03	\$0.1190	740	863,514	\$87,869.22	\$0.1018	743	798,959	\$97,702.43	\$0.1223	741	576,918	\$63,484.42	\$0.1100	744
Residential (Rural-Out) w/Ecosmart	ER1E	3,763	\$461.17	\$0.1226	4	2,769	\$298.35	\$0.1077	4	2,557	\$329.14	\$0.1287	4	1,817	\$216.72	\$0.1193	4
Residential (Rural-Out - All Electric)	ER2	756,270	\$88,380.86	\$0.1169	385		\$61,875.34		387	549,671	\$65,970.38	\$0.1200	386	373,639	\$40,175.76	\$0.1075	387
Res. (Rural-Out - All Electric) w/Ecosmar		3,420	\$402.63	\$0.1177	2		\$279.42	\$0.1004	2	2,256	\$274.97	\$0.1219	2	1,391	\$155.20	\$0.1116	2
Residential (Rural-Out w/Dmd)	ER3 ER4	23,947	\$2,814.89	\$0.1175 \$0.1175	14 9	29,085 13,299	\$2,846.46	\$0.0979	14	26,113	\$3,087.37	\$0.1182 \$0.1209	14	26,076 8,632	\$2,669.14	\$0.1024	14
Residential (Rural-Out - All Electric w/Dm  Total Residential (Rural)	EN4	15,632  1,832,236	\$1,837.21  \$216,361.79		1,154	1,534,343	\$1,329.20  \$154,497.99		1,159	1,390,891	\$1,370.89  \$168,735.18	\$0.1209	1,156	988,473	\$928.92  \$107,630.16	\$0.1076 <b>\$0.1089</b>	1,160
Total Hesiderital (Harar)		1,002,200	ΨΕ10,001.70	ψοιτιστ	1,10-1	1,004,040	ψ104,407.00	<b>\$0.1007</b>	1,100	1,000,001	ψ100,700.10	ψ0.1210	1,100	300,470	ψ101,000.10	ψ0.1000	1,100
Commercial (1 Ph-In - No Dmd)	EC2	52,551	\$7,603.38	\$0.1447	73	47,168	\$5,464.82	\$0.1159	73	46,141	\$6,712.99	\$0.1455	72	39,582	\$5,151.77	\$0.1302	74
Commercial (1 Ph-Out - No Dmd)	EC2O	17,014	\$2,676.53	\$0.1573	41	14,593	\$1,914.47	\$0.1312	41	12,997	\$2,139.22	\$0.1646	41	9,378	\$1,510.59	\$0.1611	41
Total Commercial (1 Ph) No Dmd		69,565	\$10,279.91	\$0.1478	114	61,761	\$7,379.29	\$0.1195	114	59,138	\$8,852.21	\$0.1497	113	48,960	\$6,662.36	\$0.1361	115
Commercial (1 Ph-In - w/Demand)	EC1	369,771	\$52,003.63	\$0.1406	266	328,206	\$37,066.22	\$0.1129	265	338,292	\$47,659.18	\$0.1409	264	287,497	\$37,215.66	\$0.1294	264
Commercial (1 Ph-Out - w/Demand)	EC10	51,000	\$6,814.96	\$0.1336	25	46,109	\$4,902.12	\$0.1063	25	44,428	\$5,997.30	\$0.1350	25	33,703	\$4,194.52	\$0.1245	25
Total Commercial (1 Ph) w/Demand		420,771	\$58,818.59	\$0,1398	291	374,315	\$41,968.34	\$0,1121	290	382,720	\$53,656.48	\$0.1402	289	321,200	\$41,410,18	\$0.1289	289
Total Collinercial (1 FII) W/Delliand		420,771	\$30,010.39	φ0.1390	231	374,313	<b>Ф41,900.34</b>	φ0.1121	290	302,720	\$33,030.40	φ0.140Z	209	321,200	φ41,410.10	\$0.1209	209
Commercial (3 Ph-Out - No Dmd)	EC4O	440	\$92.50	\$0.2102	2	80	\$43.80	\$0.5475	2	640	\$117.07	\$0.1829	2	240	\$62.04	\$0.2585	2
Total Commercial (3 Ph) No Dmd		440	\$92.50	\$0.2102	2		\$43.80	\$0.5475	2	640	\$117.07	\$0.1829	2	240	\$62.04	\$0.2585	2
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Commercial (3 Ph-In - w/Demand)	EC3	1,466,120	\$186,264.89	\$0.1270	203	1,498,619	\$144,658.79	\$0.0965	203	1,379,277	\$174,829.80	\$0.1268	203	1,424,149	\$155,016.12	\$0.1088	202
Commercial (3 Ph-Out - w/Demand)	EC3O	336,266	\$42,895.47	\$0.1276	36	276,511	\$27,407.82	\$0.0991	36	246,178	\$31,759.80	\$0.1290	36	225,066	\$26,100.81	\$0.1160	35
Commercial (3 Ph-Out - w/Dmd.&Sub-St		119,360	\$14,205.36	\$0.1190	2	,	\$10,328.65	\$0.0895	2	104,440	\$12,375.17	\$0.1185	2	97,400	\$9,850.52	\$0.1011	2
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	2,040	\$263.89	\$0.1294	1	2,000	\$195.92	\$0.0980	1	1,600	\$212.26	\$0.1327	1	1,680	\$186.39	\$0.1109	1
Total Commercial (3 Ph) w/Demand		1,923,786	\$243,629.61	\$0.1266	242		\$182,591.18	\$0.0965	242	1,731,495	\$219,177.03	\$0.1266	242	1,748,295		\$0.1093	240
Total Commercial (CT II) II/ Zemana		1,020,100	<b>VI</b> 10,020101	<b>V</b> 0200		.,002,000	\$10 <b>2</b> ,001110	<b>40.0000</b>		., ,	<b>42.0</b> ,	<b>\$61.1200</b>		.,,	<b>V.O.,</b>	40000	
Large Power (In - w/Dmd & Rct)	EL1	2,317,388	\$239,569.19	\$0.1034	24	2,007,407	\$174,927.77	\$0.0871	24	2,233,703	\$235,539.75	\$0.1054	24	2,316,804	\$211,239.44	\$0.0912	24
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	162,600	\$19,158.59	\$0.1178	2	128,880	\$15,427.15		2	72,960	\$15,435.61	\$0.2116	2	14,760	\$3,521.66	\$0.2386	2
Large Power (Out - w/Dmd & Rct)	EL10	78,660	\$8,770.32	\$0.1115	1	67,860	\$6,696.91	\$0.0987	1	66,240	\$8,223.17	\$0.1241	1	60,120	\$7,195.86	\$0.1197	1
Large Power (Out - w/Dmd & Rct, w/Sb0		382,080	\$39,028.73	\$0.1021	2		\$28,455.05	\$0.0937	2	341,040	\$37,239.64	\$0.1092	2	335,760	\$31,541.15	\$0.0939	2
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	87,615	\$8,084.06	\$0.0923	2	56,449	\$6,292.88	\$0.1115	2	60,424	\$8,417.03	\$0.1393	2	76,492	\$13,566.72	\$0.1774	2
Total Large Power		3,028,343	\$314,610.89	\$0.1039	31	2,564,436	\$231,799.76	\$0.0904	31	2,774,367	\$304,855.20	\$0.1099	31	2,803,936	\$267,064.83	\$0.0952	31
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1,943,145	\$172,895.43	\$0.0890	2	1,254,911	\$111,981.55	\$0.0892	2	1,386,881	\$137,819.69	\$0.0994	2	1,445,764	\$118,375.56	\$0.0819	2
Industrial (In - w/Dmd & Rct, No/SbCr)	El2	1,082,899	\$97,248.96	\$0.0898	1	983,848	\$73,821.89		1	1,186,801	\$100,145.89	\$0.0844	1	1,161,325	\$82,055.46	\$0.0707	1
,				<b>.</b>													
Total Industrial		3,026,044	\$270,144.39	\$0.0893	3	2,238,759	\$185,803.44	\$0.0830	3	2,573,682	\$237,965.58	\$0.0925	3	2,607,089	\$200,431.02	\$0.0769	3
Interdepartmental (In - No Dmd)	ED1	194,860	\$20,454.73	\$0.1050	40	165,644	\$14,342.72	\$0.0866	48	146,595	\$15,600.16	\$0.1064	48	93,426	\$8,496.15	\$0.0909	51
Interdepartmental (In - No Drid) Interdepartmental (Out - No Drid)	ED10	194,000	\$20,454.73		48		\$14,342.72		1	201	\$15,600.16	\$0.1064	1	93,426			1
Interdepartmental (In - w/Dmd)	ED2	431,959	\$44,486.15	- ·	20	_	\$29,970.33		20	322,539	\$33,478.84		20	258,224			20
Generators (JV2 Power Cost Only)	GJV2	25,582	\$1,394.73		1		\$1,385.60		1	18,477	\$887.64	\$0.0480	1	16,504	\$577.14		1
Generators (JV5 Power Cost Only)	GJV5	20,046	\$1,092.91	\$0.0545	1	15,564	\$1,033.92	\$0.0664	1	14,248	\$684.47	\$0.0480	1	12,836	\$448.87	\$0.0350	1
Total Interdepartmental		672,447	\$67,428.52	\$0.1003	71	557,004	\$46,732.57	\$0.0839	71	502,060	\$50,672.50	\$0.1009	71	380,990	\$32,381.84	\$0.0850	74
Total interdepartmental		672,447	\$67,426.52	<b>φυ. 1003</b>		557,004	\$40,732.57	\$0.0659		502,060	\$50,672.50	\$0.1009		360,990	\$32,361.04	\$0.0650	
SUB-TOTAL CONSUMPTION & DEMAI	ND	14,595,330	\$1,593,137.43	\$0.1092	5,863	12,179,451	\$1,136,258.97	\$0.0933	5,881	12,079,254	. , ,	\$0.1123	5,864	10,915,300	. , ,	\$0.0968	5,864
									Ī				Ī				
Street Lights (In)	SLO	0	\$14.20	\$0.0000	16	0	\$14.20	\$0.0000	16	0	\$14.20	\$0.0000	16	0	\$14.20	\$0.0000	16
Street Lights (Out)	SLOO	0	\$0.77	\$0.0000	2	0	\$0.77		2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	2
Total Street Light Only		0	\$14.97	\$0.0000	18	0	\$14.97	\$0.0000	18	0	\$14.97	\$0.0000	18	0	\$14.97	\$0.0000	18
TOTAL CONSUMPTION & DEMAND		14 595 330	\$1,593,152.40				\$1,136,273.94							10 915 300			
TOTAL CONSUMPTION & DEMAND		14,595,330	จ เ,วช3, เ5∠.40	\$0.1092	5,881	12,179,451	φ1,130,∠13.94	<b>φυ.υ933</b>	5,899	12,079,254	<b>Φ1,300,340.66</b>	\$0.1123	5,882	10,915,300	\$1,056,955.92	\$0.0968	5,002

<b>BILLING DETERMINAN</b>	TS fo	<u> </u>											
September, 2014	OUOTO												
2014 - SEPTEMBER BILLING WITH AL	IGUST 20	,			A.m. 14				TOTAL	TOTAL	Avg.Cost	Avg.Num.	Avg.Per.%
Class and/or	Rate	Jul-14	Jul-14	Cost / kWH	Aug-14 # of	Aug-14	Aug-14	Cost / kWH	KWH USEAGE	BILLING	Per kWH	of Bills	of Bills
Schedule	Code	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month	PRIOR 12 MO	PRIOR 12 MO	For Period	For Period	For Period
Residential (Dom-In)	E1	2,076,482	\$257,865.23		3,327	2,643,148	\$325,313.98	\$0.1231	27,270,179	\$3,046,883.23	\$0.1117	3,336	56.6504%
Residential (Dom-In) w/Ecosmart	E1E	5,209	\$656.81		10	6,860	\$852.59		68,190	\$7,746.44		10	0.1698%
Residential (Dom-In - All Electric)	E2	364,091	\$45,375.04		608	425,575	\$52,817.91	\$0.1241	6,671,178	\$722,712.33	\$0.1083	610	10.3517%
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	545	\$68.44		1	821	\$100.86	\$0.1229	6,772	\$770.25	\$0.1137	1	0.0170%
rico.(Dom in 7 iii Eloc.) w/Eoosmart				Ψ0.1200			Ψ100.00	Ψ0.1220		Ψ//0.20	ψ0.1107		0.017070
Total Residential (Domestic)		2,446,327	\$303,965.52	\$0.1243	3,946	3,076,404	\$379,085.34	\$0.1232	34,016,319	\$3,778,112.25	\$0.1111	3,957	67.1888%
Residential (Rural-Out)	ER1	655,212	\$85,588.78	\$0.1306	746	780,096	\$101,240.28	\$0.1298	9,361,708	\$1,094,159.44	\$0.1169	743	12.6187%
Residential (Rural-Out) w/Ecosmart	ER1E	2,332	\$318.28	\$0.1365	4	2,587	\$351.23	\$0.1358	33,515	\$4,080.18	\$0.1217	4	0.0679%
Residential (Rural-Out - All Electric)	ER2	374,308	\$48,515.39	\$0.1296	389	428,617	\$55,424.79	\$0.1293	6,003,200	\$689,213.12	\$0.1148	387	6.5648%
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	1,146	\$156.68	\$0.1367	2	1,327	\$179.56	\$0.1353	23,818	\$2,784.76	\$0.1169	2	0.0340%
Residential (Rural-Out w/Dmd)	ER3	23,528	\$2,941.75		14	17,547	\$2,247.46	\$0.1281	476,368	\$51,592.78		14	0.2420%
Residential (Rural-Out - All Electric w/Dm	ER4	8,612	\$1,117.05		9	10,207	\$1,316.86		165,702	\$18,663.88		9	0.1528%
Total Residential (Rural)		1,065,138	\$138,637.93		1,164	1,240,381	\$160,760.18		16,064,311	\$1,860,494.16		1,159	19.6802%
Commercial (1 Ph-In - No Dmd)	EC2	42,685	\$6,897.60		73	44,584	\$7,147.17	\$0.1603	532,363	\$74,703.57	\$0.1403	73	1.2354%
Commercial (1 Ph-Out - No Dmd)	EC2O	9,940	\$1,894.17	\$0.1906	41	11,127	\$2,060.27	\$0.1852	153,931	\$24,430.16	\$0.1587	41	0.6948%
Total Commercial (1 Ph) No Dmd		52,625	\$8,791.77	\$0.1671	114	55,711	\$9,207.44	\$0.1653	686,294	\$99,133.73	\$0.1444	114	1.9302%
Commercial (1 Ph-In - w/Demand)	EC1	310,955	\$50,497.44	\$0.1624	263	355,039	\$56,121.24	\$0.1581	4,037,065	\$555,182.70	\$0.1375	265	4.5001%
Commercial (1 Ph-Out - w/Demand)	EC10	30,949	\$4,964.56		25	34,978	\$5,562.26	\$0.1590	458,634	\$61,358.88	\$0.1338	25	0.4288%
Total Commercial (1 Ph) w/Demand		341,904	\$55,462.00		288	390,017	\$61,683.50	\$0.1582	4,495,699	\$616,541.58	\$0.1371	290	4.9289%
Commercial (3 Ph-Out - No Dmd)	EC4O	40	\$41.64	\$1.0410	2	40	\$41.64	\$1.0410	27,160	\$3,661.03	\$0.1348	2	0.0340%
Total Commercial (3 Ph) No Dmd		40	\$41.64	\$1.0410	2	40	\$41.64	\$1.0410	27,160	\$3.661.03	\$0.1348	2	0.0340%
Total Commercial (3 1 II) No Billa		40	Ψ1.04	Ψ1.0410		40	Ψ1.0 <del>1</del>	Ψ1.0410	27,100	ψ3,001.00	ψ0.1340		0.0340 /6
Commercial (3 Ph-In - w/Demand)	EC3	1,482,431	\$210,154.52	\$0.1418	206	1,668,999	\$233,532.52	\$0.1399	18,735,756	\$2,252,297.34	\$0.1202	205	3.4826%
Commercial (3 Ph-Out - w/Demand)	EC3O	236,708	\$34,844.37		34	233,986	\$34,105.69	\$0.1399 \$0.1458	3,346,729	\$410,209.03		36	0.6057%
Commercial (3 Ph-Out - w/Denald)  Commercial (3 Ph-Out - w/Dmd.&Sub-St.		92,080	\$12,385.15		2	95,920	\$12,877.42	\$0.1438	1,331,760	\$148,726.92	\$0.1220	30	0.0037 %
Commercial (3 Ph-In - w/Demand, No Ta		1,880	\$302.97		1	2,920	\$442.82	\$0.1543	30,960	\$3,844.49		1	0.0340%
Commercial (6 1 mm W/Bornana, 146 14	2001			ψ0:1012			Ψ+12.02	φο.1017		Ψ0,044.40	Ψ0.12-12		0.017070
Total Commercial (3 Ph) w/Demand		1,813,099	\$257,687.01	\$0.1421	243	2,001,825	\$280,958.45	\$0.1404	23,445,205	\$2,815,077.78	\$0.1201	244	4.1392%
Large Power (In - w/Dmd & Rct)	EL1	2,603,581	\$278,445.73	\$0.1069	24	2,691,282	\$281,359.90	\$0.1045	29,047,536	\$2,826,734.47	\$0.0973	24	0.4076%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	11,640	\$3,855.04	\$0.3312	2	10,560	\$3,551.30	\$0.3363	1,138,560	\$162,901.20		27	0.0340%
Large Power (Out - w/Dmd & Rct)	EL10	79,020	\$10,055.57		1	88,200	\$10,678.79		902,240	\$103,878.53		1	0.0184%
Large Power (Out - w/Dmd & Rct, w/SbC		321,600	\$36,579.79		2		\$34,015.76		3,955,920	\$411,622.88	\$0.1041	2	0.0340%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	74,354	\$11,227.18		2	72,057	\$6,521.04		891,271	\$110,369.33	\$0.1238	2	0.0340%
Total Large Power		3,090,195	\$340,163.31	\$0.1101	31	3,151,539	\$336,126.79	\$0.1067	35,935,527	\$3,615,506.41	\$0.1006	31	0.5278%
Industrial (In - w/Dmd & Rct, w/SbCr)	El1	1,754,531	\$164,559.90		2	1,886,459	\$168,052.86	\$0.0891	21,379,512	\$1,821,801.27	\$0.0852	2	0.0340%
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1,171,773	\$101,779.84	\$0.0869	1	1,072,673	\$91,909.77	\$0.0857	12,760,364	\$1,040,727.08	\$0.0816	1	0.0170%
Total Industrial		2,926,304	\$266,339.74	\$0.0910	3	2,959,132	\$259,962.63	\$0.0879	34,139,876	\$2,862,528.35	\$0.0838	3	0.0509%
Interdepartmental (In - No Dmd)	ED1	83,410	\$9,435.99	\$0.1131	48	82,922	\$9,461.55	\$0.1141	1,505,053	\$150,762.68	\$0.1002	48	0.8208%
Interdepartmental (In - No Dmd) Interdepartmental (Out - No Dmd)	ED10				48	,	\$9,461.55			. ,		48	
	ED10	240,885	\$0.00 \$26,551.76			227 500	\$26,426.68		201	\$21.39		1	0.0170%
Interdepartmental (In - w/Dmd) Generators (JV2 Power Cost Only)	GJV2		\$646.14		20	237,599 14,838	\$496.78	\$0.1112 \$0.0335	3,480,158 207,078	\$341,649.59 \$8,682.72		20	0.3396% 0.0170%
Generators (JV5 Power Cost Only)	GJV2 GJV5	15,706 13,128	\$540.09		1	12,752	\$426.94		180,851	\$7,443.86		1	0.0170%
Total Interdepartmental		353,129	\$37,173.98		71	348,111	\$36,811.95		5,373,341	\$508,560.24		71	1.2113%
·													
SUB-TOTAL CONSUMPTION & DEMAN	ΛI)	12,088,761	\$1,408,262.90 	\$0.1165	5,862	13,223,160	\$1,524,637.92	\$0.1153	154,183,732	\$16,159,615.53 	\$0.1048	5,871	99.6915%
Observat Limbar (lim)	01.0	_	***	#2.22		_	*** ===	<b>#</b> 2 225 -	_	A. 30	<b>#</b> 2 22		0.0745
Street Lights (In)	SLO	0	\$14.20		15	0	\$13.59		0			16	
Street Lights (Out)	SLOO		\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	0	\$9.24	\$0.0000	2	0.0340%
Total Street Light Only		0	\$14.97	\$0.0000	17	0	\$14.36	\$0.0000	0	\$189.04	\$0.0000	18	0.3085%
TOTAL CONSUMPTION & DEMAND		12,088,761	\$1,408,277.87	\$0.1165	5,879	13,223,160	\$1,524,652.28	\$0.1153	154,183,732	\$16,159,804.57	\$0.1048	5,889	100.0000%





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

2014 SEPTEMBER - BILL	ING DET	<b>ERMINA</b>	ES - RATE	COMPARISON	IS TO PRIOR I	PERIODS				
Rate Comparisons to Prior Mo	onth and P	rior Year fo	or Same Period	l						
			0	Dulan Manuli	Defeat Value			0	D	Defen Veren
	Comico	Comileo	Current	Prior Month	Prior Year	Comico	Comico	Current	Prior Month	Prior Year
O	Service	Service	September	August	September	Service	Service	September	August	September
Customer Type	<u>Usage</u>	<u>Units</u>	2014 Rate	2014 Rate	2013 Rate	<u>Usage</u>	<u>Units</u>	2014 Rate	2014 Rate	2013 Rate
Customer Type ->		RESIDI	ENTIAL LISE	R - (w/Gas He	at)		RESID	ENTIAL LISE	R - (All Electr	ic)
Electric Customer Charge		TILOIDE	\$6.00	\$6.00	\$6.00		ILLOID	\$6.00	\$6.00	\$6.00
Distribution			\$16.53	\$16.53	\$16.53			\$33.39	\$33.39	\$33.39
Demand			φ10.00	ψ10.00	ψ10.00			φου.σσ	ψ00.00	φου.σσ
Generation	978	kWh	\$86.75	\$91.92	\$80.45	1,976	kWh	\$175.27	\$185.72	\$162.55
kWH Tax- Level 1	0.0	XVIII	\$4.55	\$4.55	\$4.55	1,070	137711	\$9.19	\$9.19	\$9.19
kWH Tax- Level 2			ψσσ	ψ1.00	ψ1.00			φοιτο	φσσ	φο.το
kWH Tax- Level 3										-
							_			
Total Electric			\$113.83	\$119.00	\$107.53			\$223.85	\$234.30	\$211.13
			<b>7</b> 1 1 3 1 5 5	7110100	710110			<b>7</b>	<b>7</b> _000	<b>,</b>
Water	6	CCF	\$40.47	\$40.47	\$39.57	11	CCF	\$64.72	\$64.72	\$63.07
Sewer (w/Stm.Sew. & Lat.)	6	CCF	\$59.98	\$59.98	\$54.58	11	CCF	\$83.53	\$83.53	\$76.78
Storm Water (Rate/ERU)			\$9.50	\$9.50	\$9.50			\$9.50	\$9.50	\$9.50
Refuse (Rate/Service)			\$18.00	\$18.00	\$18.00			\$18.00	\$18.00	\$18.00
,							-			
Sub-Other Services			\$127.95	\$127.95	\$121.65			<i>\$175.75</i>	<i>\$175.75</i>	<i>\$167.35</i>
Total Billing - All Services			\$241.78	\$246.95	\$229.18		-	\$399.60	\$410.05	\$378.48
Verification Totals->			\$241.78	\$246.95	\$229.18			\$399.60	\$410.05	\$378.48
			F -	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				-\$5.17	\$12.60				-\$10.45	\$21.12
% Inc/Dec(-) to Prior Periods				-2.09%	5.50%				-2.55%	5.58%
=========	=====	====:	======	=======		 T	=====	======	=======	<u> </u>
Cost/kWH - Electric	978	kWh	\$0.11639	\$0.12168	\$0.10995	1,976	kWh	\$0.11328	\$0.11857	\$0.10685
% Inc/Dec(-) to Prior Periods			ţ: <b>3</b> 0	-4.35%	5.86%	1,0.0		Ţ <b>020</b>	-4.46%	6.02%
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				110070	0.0070				111070	5.5-7.5
Cost/CCF - Water	6	CCF	\$6.74500	\$6.74500	\$6.59500	2	CCF	\$32.36000	\$32.36000	\$31.53500
Cost/GALLONS - Water	4,488	GAL	\$0.00902	\$0.00902	\$0.00882	1,496	GAL	\$0.04326	\$0.04326	\$0.04216
% Inc/Dec(-) to Prior Periods	,			0.00%	2.27%	1		,	0.00%	2.62%
. ,										
Cost/CCF - Sewer	6	CCF	\$9.99667	\$9.99667	\$9.09667	2	CCF	\$41.76500	\$41.76500	\$38.39000
Cost/GALLON - Sewer	4,488	GAL	\$0.01336	\$0.01336	\$0.01216	1,496	GAL	\$0.05584	\$0.05584	\$0.05132
% Inc/Dec(-) to Prior Periods				0.00%	9.89%				0.00%	8.79%
(Listed Accounts Assume SAME	USAGE for	or kWH and	Water (CCF) f	or All Billing Perio	<u>ds)</u>					
(One "1" Unit CCF of Water = "H	<u> Hundred Cι</u>	ıbic Foot" =	748 Gallons)							

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

2014 SEPTEMBER - BILL										
Rate Comparisons to Prior Mo										
	<u> </u>									
			Current	Prior Month	Prior Year			Current	Prior Month	Prior Year
	Service	Service	September	August	September	Service	Service	September	August	September
Customer Type	<u>Usage</u>	<u>Units</u>	2014 Rate	2014 Rate	2013 Rate	Usage	<u>Units</u>	2014 Rate	2014 Rate	2013 Rate
Customer Type ->	C	OMMERC	IAL USER -	(3 Phase w/De	emand)		NDUSTRIA	AL USER - (	3 Phase w/Der	nand)
Electric Customer Charge			\$18.00	\$18.00	\$18.00			\$100.00	\$100.00	\$100.00
Distribution			\$92.86	\$92.86	\$92.86	98,748	Reactive	\$7,279.05	\$7,279.05	\$7,279.05
Demand	20.31	kW/Dmd				1510.1	kW/Dmd	\$20,531.66	\$19,991.01	\$14,215.24
Generation	7,040	kWh	\$790.24	\$831.64	\$691.68	866,108	kWh	\$44,571.24	\$46,225.07	\$46,118.11
kWH Tax- Level 1			\$9.66	\$9.66	\$9.66			\$9.66	\$9.66	\$9.66
kWH Tax- Level 2			\$20.80	\$20.80	\$20.80			\$56.24	\$56.24	\$56.24
kWH Tax- Level 3								\$3,087.71	\$3,087.71	\$3,087.71
Total Electric			<i>\$931.56</i>	<i>\$972.96</i>	\$833.00			<i>\$75,635.56</i>	<i>\$76,748.74</i>	\$70,866.01
Water	25	CCF	\$129.82	\$129.82	\$126.07	300	CCF	\$1,465.51	\$1,420.51	\$1,420.51
Sewer (w/Stm.Sew. & Lat.)	25	CCF	\$150.87	\$149.47	\$138.94	300	CCF	\$1,446.12	\$1,444.72	\$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			\$295.19	\$293.79	<i>\$279.51</i>			\$3,246.63	\$3,200.23	\$3,115.45
Total Billing - All Services			\$1,226.75	<i>\$1,266.75</i>	\$1,112.51			\$78,882.19	\$79,948.97	\$73,981.46
Verification Totals->			\$1,226.75	\$1,266.75	\$1,112.51			\$78,882.19	\$79,948.97	\$73,981.46
				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				-\$40.00	\$114.24				-\$1,066.78	\$4,900.73
% Inc/Dec(-) to Prior Periods				-3.16%	10.27%	1			-1.33%	6.62%
	=====					<u> </u> 				
						1				
Cost/kWH - Electric	7,040	kWh	\$0.13232	\$0.13820	\$0.11832	866,108	kWh	\$0.08733	\$0.08861	\$0.08182
% Inc/Dec(-) to Prior Periods	-,	111111	<b>4</b> 0110_0	-4.25%	11.83%			Ţ O O O O O	-1.44%	6.73%
Cost/CCF - Water	6	CCF	\$21.63667	\$21.63667	\$21.01167	250	CCF	\$5.86204	\$5.68204	\$5.68204
Cost/GALLONS - Water	4,488	GAL	\$0.02893	\$0.02893	\$0.02809	187,000	GAL	\$0.00784	\$0.00760	\$0.00760
% Inc/Dec(-) to Prior Periods	,		,	0.00%	2.97%	1 ,		,	3.17%	3.17%
( )					- 7	1				
Cost/CCF - Sewer	6	CCF	\$25.14500	\$24.91167	\$23.15667	250	CCF	\$5.78448	\$5.77888	\$5.43976
Cost/GALLON - Sewer	4,488	GAL	\$0.03362	\$0.03330	\$0.03096	187,000	GAL	\$0.00773	\$0.00773	\$0.00727
% Inc/Dec(-) to Prior Periods	,		,	0.94%	8.59%	,		,	0.10%	6.34%
` '										
(Listed Accounts Assume SAME										
(One "1" Unit CCF of Water = "F										

RESIDENTIAL POWER RATE (Inside of	ar Outaida City Lir	mita\ Pill Compu	totion						l	1	1	ı
WITH GAS HEAT		SEPTEMBER - 20				AUGUST - 2014				SEPTEMBER - 2	013	
MIT GAOTILAT		=== CURRENT MC		======	====		I ITH BILLING ===:	=====	======= P		ME MONTH BILLIN	NG ======
<u>ELECTRIC</u>	_											
BILLING RATE TABLES:	= Billing Charg	es, Generation Billing			= Billing Charg	es, Generation Billing	Determinates and kW		= Billing Charg	es, Generation Billing	Determinates and kW	
				<u>MINATES</u>			DETERM					<u>IINATES</u>
Customer Rate Type	Customer		Generation Demand Chq.	Demand Charge	Customer	Distribution Charge	Generation  Demand Chq.	Demand	Customer	Distribution Charge		Demand
RESIDENTIAL - INSIDE CITY	Charge \$6.00		\$0.088700		<u>Charge</u> \$6.00	\$0.01690	\$0.093990	<u>Charge</u> \$0.00	<u>Charge</u> \$6.00	\$0.01690		Charge \$0.00
RESIDENTIAL - OUTSIDE CITY	\$10.00		\$0.088700		\$10.00			\$0.00	\$10.00	\$0.02160		\$0.00
	30 Day kWH	Table Rate	NON-30 Day kWH	Averaged Use	30 Day kWH	Table Rate	NON-30 Day kWH	Averaged Use	30 Day kWH	Table Rate	NON-30 Day kWH	Averaged Use
kWh Tax Tables	Tax Table		Tax Table		Tax Table	kWh Break	Tax Table	kWh Break	Tax Table	kWh Break	Tax Table	
1 to 2000 (30 Day) or 1 to 67 (Avg.Non-30)	0.00465	<- 1 to 2000	0.00465	<- 1 to 67	0.00465	<- 1 to 2000	0.00465	<- 1 to 67	0.00465	<- 1 to 2000	0.00465	<- 1 to 67
2001 to 15000 (30 Day) or 68 to 500 (Avg.Non-30)		<- 2001 to 15000		<- 68 to 500		<- 2001 to 15000	0.00419	<- 68 to 500	0.00419		0.00419	
> 15000 (30 Day) or > 500 (Avg.Non-30)	0.00363	<- > 15000	0.00363	<- > 500	0.00363	<- > 15000	0.00363	<- > 500	0.00363	<- > 15000	0.00363	<- > 500
CUSTOMER SETUP and BILL CALCULATIO												
ACCT.NO. & ACCOUNT NAME> :	12*34567*89	*****************************			12*34567*89				12*34567*89			
SERVICE LOCATION ADDRESS> :	ANYWHERE ST	REET			ANYWHERE ST	REET			ANYWHERE ST	REET		
Customer Setup of	Rate/Demand	Cycle	Average kWh	Average Cost	Rate/Demand	Cycle	Average kWh	Average Cost	Rate/Demand	Cycle	Average kWh	Average Cost
Bill Codes, Date, Outside/Inside City	Setup Codes		Daily Use	Per kWh	Setup Codes	Bill Date	Daily Use	Per kWh	Setup Codes	Bill Date		Per kWh
Rate Code, Date	R1		32.60	\$0.11174	R1	00/00/0000	32.60	\$0.11702	R1	00/00/0000		\$0.10530
Type: 1 = Inside City, 2 = Outside City	1				1				1		-	
Meter Reading Dates, kWH Read/Usage	Current	Previous	Days of Use	Unit of	Current	Previous	Days of Use	Unit of	Current	Previous	Days of Use	Unit of
Meter Multipler & Deman Meter	Reading		kWh & Demand		Reading	Reading		Measure	Reading			
Read Dates and Days of Use			30	<- Days			30					<- Days
Meter Multiplier kWh Meter - Readings (No Multiplier)	978		070	<- As Read	978	0	978	<- As Read	978		978	<- As Read
kWh Usage (Reading X Multiplier)	978			<- kWH	978	1	978		978	1		<- kWH
(*) Demand Meter - Readings (No Multiplier)	0.0000		0.0000	<- As Read	0.0000	0	0.0000	<- As Read	0.0000	(	0.0000	<- As Read
Demand (Reading X Multiplier)	0.0000	1	0.0000	<- kW	0.0000	1	0.0000	<- kW	0.0000	1	0.0000	<- kW
CUSTOMER BILL CALCULATION:	RESIDENTIAL - INS	IDE CITY			RESIDENTIAL - INS	IDE CITY			RESIDENTIAL - INS	IDE CITY	ļ	
BILL = Customer Chg. + (Distribution Chg x kV					TEODERTIAL - INC	IIDE OIL I			TILOIDENTIAL - INC	1		
				TOTAL				TOTAL				TOTAL
Type of Charge Customer Charge	Rate/Unit \$6.00	Usage	Unit of Measure	BILLING \$6.00	Rate/Unit \$6.00	Usage	Unit of Measure	BILLING \$6.00	Rate/Unit \$6.00	Usage	Unit of Measure	BILLING \$6.00
Distribution Charge	\$0.01690		<-kWh Net Usage	\$16.53	\$0.01690		<-kWh Net Usage	\$16.53	\$0.01690		<-kWh Net Usage	\$16.53
Generation Charge	\$0.08870		<-kWh Net Usage	\$86.75	\$0.09399		<-kWh Net Usage	\$91.92	\$0.08226		<-kWh Net Usage	\$80.45
Out Tatal Barre Bill								0444.45				
Sub-Total Base Bill Total	Average Cost/kWh,	with NO State Tax->	\$0.1117	\$109.28	Average Cost/kWh	with NO State Tax->	\$0.1170	\$114.45	Average Cost/kWh,	with NO State Tax-	\$0.1053	\$102.98
	,				j		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				70	
kWh Tax-NON 30 Day	\$0.00465	978.000000	<-kWh	\$4.55	\$0.00465	978.000000	<-kWh	\$4.55	\$0.00465	978.000000	<-kWh	\$4.55
(NOTE: NON 30 Day Use, Tax on)				\$0.00				\$0.00				\$0.00
( Average Daily Use Table.) ( Tax Applies to ALL kWh.)				\$0.00				\$0.00				\$0.00
Sub-Total KWh Tax		978.000000	<-kWh	\$4.55		978.000000	<-kWh	\$4.55		978.000000	<-kWh	\$4.55
		978	<-kWh Taxed"			978	<-kWh Taxed"			978	<-kWh Taxed"	
TOTAL - ELECTRIC			***************************************	\$113.83			40.00	\$119.00			40.400	\$107.53
	otal Average Cost/k\	Wh, with State Tax->	\$0.1164		tal Average Cost/kV	Vh, with State Tax->	\$0.1217		tal Average Cost/k\	Vn, with State Tax->	\$0.1099	
WATER												
Type of Charge	Rate/Unit	Usage	Unit of Measure	BILLING	Rate/Unit	Usage	Unit of Measure	BILLING	Rate/Unit	Usage	Unit of Measure	BILLING
Capacity Base Charge	\$11.07		/ServMeter <1"	\$11.07	\$11.07		/ServMeter <1"	\$11.07	\$11.07		/ServMeter <1"	\$11.07
Commodity Charge - 1 to 10 Units " - 11 to 250 Units	\$4.90 \$4.65		/CCF	\$29.40 \$0.00	\$4.90 \$4.65		/CCF	\$29.40 \$0.00	\$4.75 \$4.50		/CCF	\$28.50
" - 11 to 250 Units  " - > 250 Units	\$4.65 \$3.45		/CCF	\$0.00 \$0.00	\$4.65 \$3.45		/CCF	\$0.00 \$0.00	\$4.50 \$3.30		/CCF	\$0.00 \$0.00
2 200 0.1110	ψ5.40		/CCF		ψ3.40		/CCF	<del></del>	Ψ3.00		/CCF	
TOTAL - WATER				\$40.47				\$40.47				\$39.57
CEWED	-										-	
SEWER Type of Charge	Rate/Unit	<u>Usage</u>	Unit of Measure	BILLING	Rate/Unit	<u>Usage</u>	Unit of Measure	BILLING	Rate/Unit	<u>Usage</u>	Unit of Measure	BILLING
Capacity Base Charge	\$29.62		Unit of Measure /Service	\$29.62	\$29.62		/Service	\$29.62	#ate/Onit \$27.94		/Service	\$27.94
Commodity Charge (Usage)	\$4.71	6	/CCF	\$28.26	\$4.71	6	/CCF	\$28.26	\$4.44	6	/CCF	\$26.64
Sewer Lateral Charge	\$2.10		/Residential	\$2.10	\$2.10		/Residential	\$2.10	\$0.00		/Residential	\$0.00
TOTAL - SEWER	+			\$59.98				\$59.98				\$54.58
I O I AL - VEWELL	<del></del>			\$59.96 =========				\$39.90 =========			<u> </u>	\$34.36
		+										
STORM WATER						11	Unit of Measure	BILLING	Rate/Unit	Usage	Unit of Measure	BILLING
Type of Charge	Rate/Unit	<u>Usage</u>	Unit of Measure	BILLING	Rate/Unit	<u>Usage</u>						
Type of Charge	Rate/Unit \$9.50		Unit of Measure /ERU	BILLING \$9.50	Rate/Unit \$9.50		/ERU	\$9.50	\$9.50		/ERU	\$9.50
Type of Charge Equivilent Residential Units (ERU)				\$9.50				\$9.50				
Equivilent Residential Units (ERU)												<u> </u>
Type of Charge Equivilent Residential Units (ERU)  TOTAL - STORM WATER  REFUSE	\$9.50		/ERU	\$9.50	\$9.50		/ERU	\$9.50 \$9.50	\$9.50		/ERU	\$9.50
Type of Charge Equivilent Residential Units (ERU)  TOTAL - STORM WATER  REFUSE Type of Charge	\$9.50	<u>Usage</u>	/ERU Unit of Measure	\$9.50 \$9.50 =======	\$9.50 Rate/Unit	<u>Usage</u>	/ERU	\$9.50 \$9.50 =======	\$9.50 Rate/Unit	Usage	/ERU	\$9.50
Type of Charge Equivilent Residential Units (ERU)  TOTAL - STORM WATER  REFUSE	\$9.50	<u>Usage</u>	/ERU	\$9.50	\$9.50	<u>Usage</u>	/ERU	\$9.50 \$9.50 ====== BILLING \$18.00	\$9.50	Usage	/ERU	\$9.50 ======= BILLING \$18.00
Type of Charge Equivilent Residential Units (ERU)  TOTAL - STORM WATER  REFUSE Type of Charge Residential	\$9.50	<u>Usage</u>	/ERU Unit of Measure	\$9.50 \$9.50 ====== BILLING \$18.00	\$9.50 Rate/Unit	<u>Usage</u>	/ERU	\$9.50 \$9.50  BILLING \$18.00	\$9.50 Rate/Unit	Usage	/ERU	\$9.50 BILLING \$18.00
Type of Charge  Equivilent Residential Units (ERU)  TOTAL - STORM WATER  REFUSE Type of Charge	\$9.50	<u>Usage</u>	/ERU Unit of Measure	\$9.50 \$9.50 =======	\$9.50 Rate/Unit	<u>Usage</u>	/ERU	\$9.50 \$9.50 ====== BILLING \$18.00	\$9.50 Rate/Unit	Usage	/ERU	\$9.50 ======= BILLING \$18.00

RESIDENTIAL POWER RATE (Inside or	Outeido City Lir	nite\ - Bill Compu	tation	I						ı		1
ALL ELECTRIC		SEPTEMBER - 20				AUGUST - 2014				SEPTEMBER - 2	013	
ALL LELOTTIO		=== CURRENT MC					TH BILLING ===:	<b></b>	======= P		ME MONTH BILLIN	NG ======
ELECTRIC												
BILLING RATE TABLES:	= Billing Charg	es, Generation Billing			= Billing Charg	es, Generation Billing	Determinates and kW		= Billing Charg	es, Generation Billing	Determinates and kW	
				<u>MINATES</u>			DETERM				And the second second	<u>/IINATES</u>
Customer Rate Type	Customer	Distribution Charge	Generation Demand Chg.		Customer	Distribution Charge	Generation  Demand Chq.	Demand	Customer	Distribution Charge		Demand
RESIDENTIAL - INSIDE CITY	<u>Charge</u> \$6.00		\$0.088700		<u>Charge</u> \$6.00	\$0.01690	\$0.093990	Charge \$0.00	<u>Charge</u> \$6.00	\$0.01690		Charge \$0.00
RESIDENTIAL - OUTSIDE CITY	\$10.00		\$0.088700		\$10.00	\$0.02160		\$0.00	\$10.00	\$0.02160		\$0.00
	00 D 1-14/11	Table Date	NON 00 Day 14/1/	A	00 D 1-14/11	Table Rate	NON 20 Day 1481	A	00 D134#1	Table Rate	NON OO D I-MIII	A
kWh Tax Tables	30 Day kWH Tax Table		NON-30 Day kWH Tax Table		30 Day kWH Tax Table	kWh Break	NON-30 Day kWH Tax Table	Averaged Use kWh Break	30 Day kWH Tax Table	kWh Break	NON-30 Day kWH Tax Table	
1 to 2000 (30 Day) or 1 to 67 (Avg.Non-30)	0.00465	<- 1 to 2000	0.00465	<- 1 to 67	0.00465	<- 1 to 2000	0.00465	<- 1 to 67	0.00465	<- 1 to 2000	0.00465	<- 1 to 67
2001 to 15000 (30 Day) or 68 to 500 (Avg.Non-30)		<- 2001 to 15000		<- 68 to 500		<- 2001 to 15000	0.00419		0.00419		0.00419	
> 15000 (30 Day) or > 500 (Avg.Non-30)	0.00363	<- > 15000	0.00363	<- > 500	0.00363	<- > 15000	0.00363	<- > 500	0.00363	<- > 15000	0.00363	<- > 500
CUSTOMER SETUP and BILL CALCULATION I												
ACCT.NO. & ACCOUNT NAME> :	12*34567*89	**************************			12*34567*89				12*34567*89			
SERVICE LOCATION ADDRESS> :	ANYWHERE ST	REET			ANYWHERE ST	REET			ANYWHERE ST	REET		
Customer Setup of	Rate/Demand	Cycle	Average kWh	Average Cost	Rate/Demand	Cycle	Average kWh	Average Cost	Rate/Demand	Cycle	Average kWh	Average Cost
Bill Codes, Date, Outside/Inside City	Setup Codes	Bill Date	Daily Use		Setup Codes	Bill Date	Daily Use	Per kWh	Setup Codes	Bill Date		Per kWh
Rate Code, Date	R1	00/00/0000	65.87	\$0.10863	R1	00/00/0000	65.87	\$0.11392	R1	00/00/0000	65.87	\$0.10220
Type: 1 = Inside City, 2 = Outside City	1				1				1			
Meter Reading Dates, kWH Read/Usage	Current	Previous	Days of Use		Current	Previous		Unit of	Current	Previous		Unit of
Meter Multipler & Deman Meter	Reading	Reading	kWh & Demand		Reading	Reading		Measure	Reading	Reading		
Read Dates and Days of Use Meter Multiplier	1		30	<- Days	1		30	<- Days	1		30	<- Days
kWh Meter - Readings (No Multiplier)	1,976	0	1,976	<- As Read	1,976	0			1,976		1,976	<- As Read
kWh Usage (Reading X Multiplier)	1,976			<- kWH	1,976	1	1,976		1,976	1		<- kWH
(*) Demand Meter - Readings (No Multiplier) Demand (Reading X Multiplier)	0.0000 0.0000			<- As Read	0.0000 0.0000	0	0.0000	<- As Read	0.0000 0.0000			<- As Read
Bernaria (Heading X Manupher)	0.0000		0.0000	C-RIV	0.0000		0.0000	- KII	0.0000		0.0000	- KII
	RESIDENTIAL - INS				RESIDENTIAL - INS	IDE CITY			RESIDENTIAL - INS	IDE CITY		
BILL = Customer Chg. + (Distribution Chg x kWh)	+ (Generation Cho	x kWh) +kWh Tax		TOTAL				TOTAL				TOTAL
Type of Charge	Rate/Unit	Usage	Unit of Measure	BILLING	Rate/Unit	Usage	Unit of Measure	BILLING	Rate/Unit	Usage	Unit of Measure	BILLING
Customer Charge	\$6.00			\$6.00	\$6.00			\$6.00	\$6.00			\$6.00
Distribution Charge Generation Charge	\$0.01690 \$0.08870		<-kWh Net Usage <-kWh Net Usage	\$33.39 \$175.27	\$0.01690 \$0.09399		<-kWh Net Usage <-kWh Net Usage	\$33.39 \$185.72	\$0.01690 \$0.08226		<-kWh Net Usage <-kWh Net Usage	\$33.39 \$162.55
Generation Charge	φυ.υσσ7υ	1,970	<-kvii Net Osage	\$175.27	φυ.υσσσσ	1,970	K-KWII Net Osage	\$105.72	φυ.υο220	1,976	-kwii ivet Osage	\$102.55
Sub-Total Base Bill				\$214.66				\$225.11				\$201.94
Total Av	verage Cost/kWh,	with NO State Tax->	\$0.1086	********	Average Cost/kWh,	with NO State Tax->	\$0.1139	********	Average Cost/kWh,	with NO State Tax->	\$0.1022	********
kWh Tax-NON 30 Day	\$0.00465	1,976.000000	<-kWh	\$9.19	\$0.00465	1,976.000000	<-kWh	\$9.19	\$0.00465	1,976.000000	<-kWh	\$9.19
(NOTE: NON 30 Day Use, Tax on)				\$0.00				\$0.00	,			\$0.00
( Average Daily Use Table.) ( Tax Applies to ALL kWh.)				\$0.00				\$0.00				\$0.00
Sub-Total KWh Tax		1,976.000000	<-kWh	\$9.19		1,976.000000	<-kWh	\$9.19		1,976.000000	<-kWh	\$9.19
		1,976	<-kWh Taxed"			1,976	<-kWh Taxed"			1,976	<-kWh Taxed"	
TOTAL - ELECTRIC			***************************************	\$223.85			*******	\$234.30			40.400	\$211.13
Tota	al Average Cost/k\	Vh, with State Tax->	\$0.1133		tal Average Cost/kV	Vh, with State Tax->	\$0.1186		tal Average Cost/k\	Vh, with State Tax->	\$0.1068	
WATER												
Type of Charge	Rate/Unit	Usage	Unit of Measure	BILLING	Rate/Unit	Usage	Unit of Measure	BILLING	Rate/Unit	Usage	Unit of Measure	BILLING
Capacity Base Charge	\$11.07		/ServMeter <1"	\$11.07	\$11.07		/ServMeter <1"	\$11.07	\$11.07		/ServMeter <1"	\$11.07
Commodity Charge - 1 to 10 Units  " - 11 to 250 Units	\$4.90 \$4.65		/CCF	\$49.00 \$4.65	\$4.90 \$4.65		/CCF	\$49.00 \$4.65	\$4.75 \$4.50		/CCF	\$47.50 \$4.50
" - > 250 Units	\$3.45		/CCF	\$0.00	\$3.45		/CCF	\$0.00	\$3.30		/CCF	\$0.00
		11				11				11		
TOTAL - WATER				\$64.72				\$64.72				\$63.07
SEWER												
Type of Charge	Rate/Unit	Usage	Unit of Measure	BILLING	Rate/Unit	Usage	Unit of Measure	BILLING	Rate/Unit	Usage	Unit of Measure	BILLING
Capacity Base Charge	\$29.62		/Service	\$29.62	\$29.62		/Service	\$29.62	\$27.94		/Service	\$27.94
Commodity Charge (Usage) Sewer Lateral Charge	\$4.71 \$2.10		/CCF /Residential	\$51.81 \$2.10	\$4.71 \$2.10		/CCF /Residential	\$51.81 \$2.10	\$4.44 \$0.00		/CCF /Residential	\$48.84 \$0.00
Sewer Lateral Griarge	\$2.10		/nesiderillar	\$2.10	\$2.10		nesidential	\$2.10	\$0.00		nesidential	\$0.00
TOTAL - SEWER				\$83.53				\$83.53				\$76.78
STORM WATER Type of Charge	Rate/Unit	Usage	Unit of Measure	BILLING	Rate/Unit	Usage	Unit of Measure	BILLING	Rate/Unit	Usage	Unit of Measure	BILLING
Equivilent Residential Units (ERU)	\$9.50		/ERU	\$9.50	\$9.50	<u> </u>	/ERU	\$9.50	\$9.50	Usaye	/ERU	\$9.50
TOTAL CTODM WATER				\$9.50				\$9.50				\$9.50
TOTAL - STURM WATER						1		=========		I	1	=========
TOTAL - STORM WATER				=========								
REFUSE Type of Charge	Rate/Unit	Usage	Unit of Measure	BILLING	Rate/Unit	Usage	Unit of Measure	BILLING	Rate/Unit	Usage	Unit of Measure	BILLING
<u>REFUSE</u>	Rate/Unit \$18.00		Unit of Measure /Service		Rate/Unit \$18.00		Unit of Measure /Service		Rate/Unit \$18.00		Unit of Measure /Service	\$18.00
REFUSE Type of Charge Residential				BILLING \$18.00				BILLING \$18.00				\$18.00
REFUSE Type of Charge				BILLING				BILLING \$18.00				\$18.00

Control   Cont	COMMERCIAL POWER RATE (Demand	l or Non-Demand) -	- Bill Computat	tion												
READ 19 19 19 19 19 19 19 19 19 19 19 19 19	COMMERCIAL W/DEMAND - 3 PHASE			SEPTEMBER - 20												
Column   C	EI ECTRIC	_======	===== CURF	RENT MONTH BILI	LING =====		_=====	====== PR	OR MONTH BIL	LING ======			==== PRIOR YE	AR - SAME MON	TH BILLING ===	
March   Marc	BILLING RATE TABLES:	======= Billing	Charges, General	tion Billing Determinat	es and kWh Tax Tab	oles ======	====== Bil	ing Charges, General	tion Billing Determina	ates and kWh Tax Ta	bles ======	====== Bil	ling Charges, Genera	l tion Billing Determina	tes and kWh Tax Tab	les ======
Sement such such such such such such such such			B					<b>.</b>					B			
CHAMEROL AND REVERSE SERVICE S	Customer Rate Type and Charges							<del></del>						<del></del>		Charge
Control   Proper	COMMERCIAL - 1 PH - Demand				\$0.112250											\$0.00
Section   Sect	COMMERCIAL - 3 PH - Demand		\$4.57000			\$0.00	\$18.00	\$4.57000					\$4.57000			\$0.00
Standard	COMMERCIAL - 3 PH - Non-Demand	\$18.00	\$0.01810		\$0.112250		\$18.00	\$0.01810		\$0.118130	) <sub>:</sub>	\$18.00	\$0.01810	)	\$0.098250	
Control   Cont	LWI- Tou Tobles															
Company   Comp		0.00465 <	- 1 to 2000									0.00465	<- 1 to 2000			
SCHOOL ALCHIOLAN CALCOLAND																
ACCIONAL ASCONETAMBRE-1  COMMUNICATION STREET  COMMUNICATION STREE																
Property	ACCT.NO. & ACCOUNT NAME> :						12*34567*89			<del> </del>	<u> </u>	12*34567*89		<u> </u>		
	SERVICE LOCATION ADDRESS>:		REET													
	Customer Setup of	Rate/Demand	Cvcle	Rates of	Average kWh	Average Cost	Rate/Demand	Cycle	Rates of	f Average kWh	Average Cost	Rate/Demand	I Cvcle	Rates of	Average kWh	Average Cost
The Part of	Bill Codes, Demand, Date, Other Credits	Setup Codes	Bill Date	Special Credits	Daily Use	kWh (No Tax)	Setup Codes	Bill Date	Special Credits	Daily Use	kWh (No Tax)	Setup Codes	Bill Date	Special Credits	Daily Use	kWh (No Tax)
Control   Cont		EC3	01/01/2010		227.10	\$0.1280	EC3	01/01/2010		227.10	\$0.1339	EC3	01/01/2010	)	227.10	\$0.1140
Part   Color   Part		0-7:0:					0					0				
Second Color Col		Credit Codes 2					Credit Codes 2					Credit Codes	<u> </u>	<del> </del>		
Manual Process   Paulin   Pa		2					2					2	2			
Programme   Prog	Meter Reading Dates, kWH Read/Usage	Current	Previous	Days of Use/	Net of Applied	Unit of	Current	Previous		Net of Applied		Current	Previous		Net of Applied	Unit of
None-Non-Non-Non-Non-Non-Non-Non-Non-Non-Non	Meter Multipler & Phase Service			kWh & Dmd Use		Measure			kWh & Dmd Use	Primary Credi	Measure Measure			kWh & Dmd Use	Primary Credit	Measure
Second		1	01/01/2010			<- Days	02/01/2010	01/01/2010			<- Days	02/01/2010	01/01/2010	31		<- Days
Control Personal Pe					7.040										7.040	
Composition	Demand Meter - Readings (No Multiplier)	20.3200		20.3200		<- As Read	20.3200	0	20.3200		<- As Read	20.3200	0	20.3200		<- As Read
Control Cont			1		20.3200		20.3200	1	20.3200	20.3200		20.3200	1	20.3200	20.3200	
State   Content Content   Co						- Tildoo					- Trido			-		
Bale					Cr x kW) + kWh T	ax	COMMERCIAL - D	EMAND - 3 PHASE				COMMERCIAL - D	DEMAND - 3 PHASE			
Second column					,	TOTAL								l		
Sear-Building   Sear-Buildin			Usage	Unit of Measure				Usage	Unit of Measure					Unit of Measure		\$18.00
Sol Total Base (SIII)  Total Average CostNWW, with NO State Tars  Sile (SW) Tar	Distribution Charge	\$4.57000				\$92.86	\$4.57000					\$4.57000	20.3200			\$92.86
Total Average Costs/WW, with NO State Tarco   S0.1298   Total Average Costs/WW, with NO State Tarco   S0.1298   WWN Tarce   Total Average Costs/WW, with NO State Tarco   S0.1298   WWN Tarce   S0.1298   Total Average Costs/WW, with NO State Tarco   S0.1298   Total Average Costs/WW, with Note Tarco   S0.1298   Total Average Costs/WW, with Note Tarco   S0.1298   To	Generation Charge	\$0.11225	7,040	<-kwn Net Usage		\$790.24	\$0.11813	7,040	<-kwn Net Usage	ļ	\$831.64	\$0.09825	7,040	<-kwn Net Usage		\$691.08
Total Average Costs/WW, with NO State Tarco   S0.1298   Total Average Costs/WW, with NO State Tarco   S0.1298   WWN Tarce   Total Average Costs/WW, with NO State Tarco   S0.1298   WWN Tarce   S0.1298   Total Average Costs/WW, with NO State Tarco   S0.1298   Total Average Costs/WW, with Note Tarco   S0.1298   Total Average Costs/WW, with Note Tarco   S0.1298   To	Sub Total Paga Bill					\$901.10					\$942.50					\$902.54
WINT TEAM POOL   Substitution   Su		Total Aver	rage Cost/kWh, w	vith NO State Tax->		********	Total A	/erage Cost/kWh, w	vith NO State Tax->		********	Total A	verage Cost/kWh, w	vith NO State Tax->		
NOTE NOT 30 Day Use Tates or)   \$0.0419   \$10.10000   \$0.0709   \$4.95  \$20.00   \$0.0419   \$10.10000   \$0.0709   \$4.95  \$20.00   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.04   \$1.0		\$0.00465	67.000000	\$0.3116			\$0.00465	67,000000	\$0.3116			\$0.00465	67.000000	\$0.3116		\$9.66
Total Augustes DALLWN    1	(NOTE: NON 30 Day Use, Tax on)						\$0.00419									\$20.80
Sub-Total KWT fax   Sub-Total Akg-Day   Total Akg-Day   Tota																
MATER	Sub-Total KWh Tax		227.10	<-Total Avg.Day	7,040	\$30.46		227.10	<-Total Avg.Day	7,040	\$30.46		227.10	<-Total Avg.Day	7,040	\$30.46
WATER	TOTAL - ELECTRIC					\$931.56				1	\$972.96		<u> </u>			\$833.00
Type of Charge   Rate/Unit   Usage   Unit of Measure   BILLING   Rate/Unit   Usage   Unit of Measure   BILLING   Commodity Charge   10 to Units   \$4.50   10 (CCF   \$45.00   \$4.50   10 (CCF   \$45.00   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.5		Total A	Average Cost/kW	h, with State Tax->	\$0.1323		Tota	al Average Cost/kW	h, with State Tax->	\$0.1382		Tota	al Average Cost/kW	/h, with State Tax->	\$0.1183	
Type of Charge   Rate/Unit   Usage   Unit of Measure   BILLING   Rate/Unit   Usage   Unit of Measure   BILLING   Commodity Charge   10 to Units   \$4.50   10 (CCF   \$45.00   \$4.50   10 (CCF   \$45.00   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.50   \$4.5	WATER															
Commodity Charge   10 10 Units   \$4.66   15   CCF   \$49.00   \$4.95   10   CCF   \$49.00   \$4.75   10   CCF   \$49.00   \$4.75   10   CCF   \$49.75	Type of Charge		Usage					<u>Usage</u>								
* * 110 250 Units			10					10								\$11.07 \$47.50
TOTAL - WATER	" - 11 to 250 Units	\$4.65	15	/CCF		\$69.75	\$4.65	15	/CCF		\$69.75	\$4.50	15	/CCF		\$67.50
SEWER	- > 250 Units	\$3.45				\$0.00	\$3.45				\$0.00	\$3.30				\$0.00
SEWER	TOTAL - WATER															\$126.07
Type of Charge   Rate/Unit   Usage   Unit of Measure   BILLING   BILLING   BILLING   BILLING   BILLING   BILLING   BILLING	SEWER									1				<del> </del>		
Commodify Charge (Usage)   S4.71   25   CCF   S117.75   S4.71   25   CCF   S117.75   S4.71   25   CCF   S117.75   S4.72   S6.87   S6	Type of Charge	- India Cini	Usage	OTHE OF MICHOUSE		DIEE.II.G	- Itato onit	- Jouge	Other or middodic		D.EEQ	nato one	- Jourge	Onit or moudate		<u>DIEEHIG</u>
Sewer Lateral Charge   \$3.50   CommIndus   \$3.50   \$2.10   CommIndus   \$2.10   \$0.00   CommIndus   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.50   \$3.	Commodity Charge (Usage)	\$4.71	25	/CCF		\$117.75	\$4.71	25	/CCF		\$117.75	\$4.44	25	/CCF		\$111.00
STORM WATER   Proposed Charge   Rate/Unit   Usage   Unit of Measure   BILLING   Usage   Unit of Measure   Unit of Measure	Sewer Lateral Charge	\$3.50		/CommIndus.		\$3.50	\$2.10		/CommIndus.		\$2.10	\$0.00		/CommIndus.		\$0.00
STORM WATER   National Property of Charge   National Property of	TOTAL - SEWER															\$138.94
Type of Charge	STORM WATER													-		
Company	Type of Charge		<u>Usage</u>					Usage								
TOTAL - STORM WATER	Equivilent Residential Units (ERU)	\$9.50		/ERU			\$9.50		/ERU			\$9.50		/ERU		\$9.50
REFUSE Type of Charge Rate/Unit Storm Service Only	TOTAL - STORM WATER					\$9.50					\$9.50					\$9.50
Type of Charge         Rate/Unit         Usage         Unit of Measure         BILLING         Rate/Unit         Usage         <	DEFIICE															
Residential   \$5.00   /Storm Service Only   \$5.00   \$5.00   /Storm Service Only   \$5.00   \$5.00   S5.00   S5	Type of Charge		<u>Usage</u>						Unit of Measure							
					1				/Storm Service On	nly				/Storm Service Onl	у	\$5.00
	TOTAL - REFUSE CUSTOMER					\$5.00					\$5.00			<u> </u>		\$5.00
														L		

LARGE POWER & INDUSTRIAL RATE															
LARGE POWER W/DEMAND - 3 PHAS			SEPTEMBER - 2 RENT MONTH B				L	AUGUST - 2014				PRIOR YE	SEPTEMBER - 2 EAR - SAME MON		l
BILLING RATE TABLES:				nates and kWh Tax	Tables ======		Charges, Genera	ation Billing Determin	nates and kWh Tax T	ables ======	Billing	Charges, Gener	ation Billing Determin	ates and kWh Tax	Tables =====
				DETERM					DETERMI					DETERN	
Customer Rate Type	Customer Chg. Flat Fixed Rate			Generation Chg. kWh of Use	Demand Chg. kVa of Bill Dmd.		istribution Chg. Va of Bill Dmd.		Generation Chg.	Demand Chg. kVa of Bill Dmd.		istribution Chg. kVa of Bill Dmd.		Generation Chg. kWh of Use	
LARGE POWER	\$100.00	\$5.52000		\$0.054170	\$15.57	\$100.00	\$5.52000		\$0.056180	\$15.16	\$100.00	\$5.52000		\$0.056050	\$10.78
INDUSTRIAL	\$100.00	\$3.20000		\$0.054170	\$16.40	\$100.00	\$3.20000		\$0.056180	\$15.71	\$100.00	\$3.20000		\$0.056050	\$11.46
	30 Day kWH	Table Rate		NON-30 Day kWH		30 Day kWH			NON-30 Day kWH		30 Day kWH			NON-30 Day kWH	
kWh Tax Tables 1 to 2000 (30 Day) or 1 to 67 (Avg.Non-30)	<u>Tax Table</u> 0.00465	kWh Break <- 1 to 2000			kWh Break <- 1 to 67	Tax Table 0.00465	kWh Break <- 1 to 2000		7ax Table 0.00465 <	kWh Break	Tax Table 0.00465			Tax Table 0.00465	
2001 to 15000 (30 Day) or 68 to 500 (Avg.Non-30)	0.00419	<- 2001 to 15000	)	0.00419	<- 68 to 500	0.00419	<- 2001 to 15000	)	0.00419 <	<- 68 to 500	0.00419	<- 2001 to 15000	)	0.00419	<- 68 to 500
> 15000 (30 Day) or > 500 (Avg.Non-30)	0.00363	<- > 15000		0.00363	<- > 500	0.00363	<- > 15000		0.00363 <	<- > 500	0.00363	<- > 15000		0.00363	<- > 500
CUSTOMER SETUP and BILL CALCULATION		<u>N:</u>													
ACCT.NO. & ACCOUNT NAME>: SERVICE LOCATION ADDRESS>:	12*34567*89 ANYWHERE	CTDEET				12*34567*89 ANYWHER					12*34567*89 ANYWHER				
SERVICE ECCATION ADDRESS->.	ANTWILL	JINEEI		Min	.Demand "kW"/	ANTWILL	I		Min.I	Demand "kW"	ANTWILL	I		Mir	.Demand "kW"/
Customer Setup of	Rate/Demand	Cycle	Rates of	Average kWh	Average Cost	Rate/Demand	Cycle		Average kWh		Rate/Demand			Average kWh	Average Cost
Bill Codes, Demand, Date, Other Credits Rate Code, Date, Avg. Use & Min. Dmd.	Setup Codes EL1	Bill Date 01/01/2010		Daily Use 27,938.97	kWh (No Tax) 50	Setup Codes EL1		Special Credits	27,938.97	kWh (No Tax)	Setup Codes EL1			Daily Use 27,938.97	kWh (No Tax)
Type: 1 = Large Power, 2 = Industrial	1	01/01/2010		27,550.57	\$0.0837	1			27,500.57	\$0.0850	1			27,550.57	\$0.0782
Other Credits: (1 = Yes, 2 = No) Primary Cr.(Meter Before Transformer)	Credit Codes		E 00%	<-Applied to Measure	ad IAMb Doots 9 Doo	Credit Codes		E 00%	<-Applied to Measured	II/Wh Deets 9 De	Credit Codes		E 009/	<-Applied to Measur	ad IdMin Dooby 8 Doo
Substation Cr.(Cust. Owned Substation)	2		3.0076	<-Applied to Weasure	gu kwii, neciv.a biii	2		3.00 /6	<-Applied to Measured	KWII, Nectv.& DII	2		3.00 /6	<-Applied to ivieasur	ed KWII, Nectv.& DIII
			B	N	11-2: 1				N	11-5			B	No. of the second	H-2: 1
Meter Reading Dates, kWH Read/Usage Meter Multipler, Reactive & Demand	Current Reading	Previous Reading		Net of Applied Primary Credit		Current Reading	Previous Reading		Net of Applied Primary Credit	Unit of Measure	Current Reading	Previous Reading		Net of Applied Primary Credit	
Read Dates and Days of Use	01/31/2010	12/31/2009			<- Days	01/31/2010		31		<- Days	01/31/2010				<- Days
Meter Multiplier kWh Meter - Readings (No Multiplier)	866,108	0	866,108		<- As Read	1 866,108	0	866,108		<- As Read	1 866,108	0	866,108		<- As Read
kWh Usage (Reading X Multiplier)	866,108	1	866,108	822,803	<- kWH	866,108	1	866,108	822,803	<- kWH	866,108	1	866,108	822,803	<- kWH
Reactive Meter - Readings Reactive Usage (Reading X Multiplier)	98,748 98,748	0			<- As Read <- kVAR	98,748 98,748		98,748 <b>98,748</b>		<- As Read <- kVAR	98,748 98,748		98,748 <b>98,748</b>		<- As Read
Demand Meter - Readings (No Multiplier)	1,510.1000	0			<- As Read	1,510.1000		1,510.1000		<- As Read	1,510.1000				<- As Read
Demand (Reading X Multiplier)	1,510.1000	1			<- kW	1,510.1000				<- kW	1,510.1000				<- kW
Highest Demand Read from Prior 11 Months	1,510.0000	X 70%	6 of Prior High Dmd 1,057.0000		<- kW	1,510.0000	X 70%	of Prior High Dmd 1,057.0000		<- kW	1,510.1000		6 of Prior High Dmd 1,057.0700		<- kW
(Rachet Minimum Demand = 70% of Highest Measure			nth History)												
Computed Power Factor (PF) &	Tangent	Power Factor		Min.Demand or > kW Bill Demand	Va of Bill Dmd	Tangent	Power Factor		Min.Demand or >	/a of Bill Dmd	Tangent	Power Factor		Min.Demand or > kW Bill Demand	(Va of Rill Dmd
Determined kVa of Billing Demand	KVARH / kWH)	PF "Table"	1 + (.9 - PF)	Used In Billing	(kW DMD/PF)	KVARH / kWH)	PF "Table"	1 + (.9 - PF)	Used In Billing	(kW DMD/PF)	KVARH / kWH)	PF "Table"	1 + (.9 - PF)	Used In Billing	(kW DMD/PF)
Power Factor ("kVAR / kWh" to PF Table)	0.1140	0.9900	0.9100	1,434.5950	1,449.0859	0.1140	0.9900	0.9100	1,434.5950	1,449.0859	0.1140	0.9900	0.9100	1,434.5950	1,449.0859
CUSTOMER BILL CALCULATION:	LARGE POWE					LARGE POWE	R SERVICE				LARGE POWE	R SERVICE			
BILL = Customer Chg + ((Distribution Chg + Demand	Chg) x kVa x (PF C	credit/Debit)) + (Ge	eneration Chg x kWh) +	(Substation Cr x kVi	a) + kWh Tax TOTAL				PF Credit/Debit	TOTAL				PF Credit/Debit	TOTAL
Type of Charge	Rate/Unit	Usage	Unit of Measure	Credit if < 1.0	BILLING	Rate/Unit	Usage	Unit of Measure	Credit if < 1.0	BILLING	Rate/Unit	Usage	Unit of Measure	Credit if < 1.0	BILLING
Customer Charge	\$100.00	4 440 0050		2010	\$100.00	\$100.00		<-kVa of Bill Demand	0.910	\$100.00	\$100.00	1 110 0050	<-kVa of Bill Demand	0.910	\$100.00
Distribution Charge Demand Charge	\$5.52 \$15.57		<-kVa of Bill Demand <-kVa of Bill Demand	0.910	\$7,279.05 \$20,531.66	\$5.52 \$15.16		<-kVa of Bill Demand	0.910	\$7,279.05 \$19,991.01	\$5.52 \$10.78		<-kVa of Bill Demand	0.910	\$7,279.05 \$14,215.24
Generation Charge	\$0.05417	822,803	<-kWh Net Billed		\$44,571.24	\$0.05618	822,803	<-kWh Net Billed		\$46,225.07	\$0.05605	822,803	<-kWh Net Billed		\$46,118.11
								·							
Sub-Total Base Bill					\$72,481.95					\$73,595.13					\$67,712.40
State KWh Tax	Total Avera	ge Cost/kWh, v	with NO State Tax->	\$0.0837 kWH Taxed		Total Avera	age Cost/kWh, w	vith NO State Tax->	\$0.0850 ' kWH Taxed		Total Avera	age Cost/kWh, v	with NO State Tax->	\$0.0782 kWH Taxed	
kWh Tax-NON 30 Day	\$0.00465	67.00	\$0.3116	2,077	\$9.66	\$0.00465	67.00	\$0.3116	2,077	\$9.66	\$0.00465	67.00	\$0.3116	2,077	\$9.66
(NOTE: NON 30 Day Use, Tax on) ( Average Daily Use Table.)	\$0.00419 \$0.00363	433.00 27,438.97	\$1.8143 \$99.6035	13,423 850,608	\$56.24 \$3,087.71	\$0.00419 \$0.00363	433.00 27,438.97	\$1.8143 \$99.6035	13,423 850.608	\$56.24 \$3,087.71	\$0.00419 \$0.00363	433.00 27,438.97	\$1.8143 \$99.6035	13,423 850.608	\$56.24 \$3,087.71
( Tax Applies to ALL kWh.)	ψ0.00000					ψ0.00000					ψ0.00000				
Sub-Total KWh Tax		27,938.97	<-Total Avg.Day	866,108.00	\$3,153.61		27,938.97	<-Total Avg.Day	866,108.00	\$3,153.61		27,938.97	<-Total Avg.Day	866,108.00	\$3,153.61
TOTAL - ELECTRIC					\$75,635.56					\$76,748.74					\$70,866.01
	Total Av	verage Cost/kW	h, with State Tax->	\$0.0873		Total A	verage Cost/kW	h, with State Tax->	\$0.0886==		Total A	verage Cost/kV	/h, with State Tax->	\$0.0818	
WATER	-						-								
Type of Charge	Rate/Unit	Usage	Unit of Measure		BILLING	Rate/Unit	Usage	Unit of Measure		BILLING	Rate/Unit	<u>Usage</u>	Unit of Measure		BILLING
Capacity Base Charge	\$128.01 \$4.90		/ServMeter 2" /CCF		\$128.01 \$49.00	\$128.01 \$4.75		/ServMeter 2" /CCF		\$128.01	\$128.01 \$4.75	1.	/ServMeter 2" /CCF		\$128.01 \$47.50
Commodity Charge - 1 to 10 Units " - 11 to 250 Units	\$4.90 \$4.65		/CCF		\$49.00 \$1,116.00	\$4.75 \$4.50		/CCF	<del> </del>	\$47.50 \$1,080.00			/CCF	<u> </u>	\$47.50
"	\$3.45	50	/CCF		\$172.50	\$3.30	50	/CCF		\$165.00		50	/CCF		\$165.00
TOTAL - WATER		300			\$1,465.51		300		<del> </del>	\$1,420.51		300		<u> </u>	\$1,420.51
					Ψ1,400.01			~~~	==	ψ1,420.01					
SEWER Type of Charge	Poto / Init	Heere	Unit of Measure		DILLING	Pote/Unit	Hears	Unit of Measure		BILLING	Pote // Inia	Horra	Unit of Massau		DILLING
Type of Charge Capacity Base Charge	Rate/Unit \$29.62	Usage	/Service		BILLING \$29.62	Rate/Unit \$29.62	Usage	/Service	<del>                                     </del>	\$29.62	Rate/Unit \$27.94	<u>Usage</u>	Unit of Measure /Service		BILLING \$27.94
Commodity Charge (Usage)	\$4.71	300	/CCF		\$1,413.00	\$4.71		/CCF		\$1,413.00	\$4.44		/CCF		\$1,332.00
Sewer Lateral Charge	\$3.50		/CommIndus.	-	\$3.50	\$2.10		/CommIndus.	<del>                                     </del>	\$2.10	\$0.00	<del> </del>	/CommIndus.	1	\$0.00
TOTAL - SEWER					\$1,446.12					\$1,444.72					\$1,359.94
STORM WATER				-		l					l	-			
Type of Charge	Rate/Unit	Usage	Unit of Measure		BILLING	Rate/Unit	Usage	Unit of Measure	<del>                                     </del>	BILLING	Rate/Unit	Usage	Unit of Measure		BILLING
Equivilent Residential Units (ERU)	\$330.00		/ERU		\$330.00	\$330.00		/ERU		\$330.00	\$330.00		/ERU		\$330.00
TOTAL - STORM WATER				-	\$330.00	l				\$330.00	l	-			\$330.00
OTOTAL WATER					\$330.00				<u> </u>	\$330.00					\$330.00
REFUSE	B		11-1-1-1-1		DII 1 "'-	D		11-14-455		D# 1 ****	B-1	L	11-5-45-		DII 1
Type of Charge Residential	Rate/Unit \$5.00	Usage	Unit of Measure /Storm Service Only	/	BILLING \$5.00	Rate/Unit \$5.00	<u>Usage</u>	Unit of Measure /Storm Service Only	<del>                                     </del>	BILLING \$5.00	Rate/Unit \$5.00	Usage	Unit of Measure /Storm Service Only	1	BILLING \$5.00
TOTAL - REFUSE CUSTOMER	-			-	\$5.00	<b> </b>			<u> </u>	\$5.00	<b> </b>				\$5.00
			I			1	1				1	1	1		



AMERICAN MUNICIPAL POWER ATTN RAYMOND MERRILL AVP FINANCE 1111 SCHROCK RD COLUMBUS OH 43229-1178 00-0-M -Q-PC -213-01 0116208-00-00036-01

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

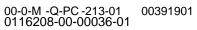
This statement is for the period from July 1, 2014 to July 31, 2014

#### **QUESTIONS?**

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

Account Manager:
ROBERT T. JONES
CN-OH-W6CT
CN-OH-W6CT
425 WALNUT ST.
CINCINNATI, OH 45202
Phone 513-632-4427
E-mail bob.jones@usbank.com

Analyst: CAROLYN KETCHMARK Phone 651-466-6197

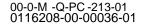


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ACCOUNT NUMBER: 12-6239-05 AMERICAN MUNICIPAL POWER, INC. RATE STABILIZATION FUND FOR THE CITY OF NEPOLEONOHIO STABILIZATION FUND

This statement is for the period from July 1, 2014 to July 31, 2014

MARKET VALUE SUMMARY							
	Current Period 07/01/14 to 07/31/14						
Beginning Market Value	\$640,072.37						
Contributions	120,000.00						
Adjusted Market Value	\$760,072.37						
Investment Results							
Interest, Dividends and Other Income	38.52						
Total Investment Results	\$38.52						
Ending Market Value	\$760,110.89						



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

This statement is for the period from July 1, 2014 to July 31, 2014

	ASSET	DETAIL AS OF (	)7/31/14		
Shares or Face Amount	Security Description	Market Value/ Price	Tax Cost/ Unit Cost	% of Total Yield at Market Es	st Ann Inc
Cash I	Equivalents				
760,110.890	First American Government Obligation Fund CI A 31846V849	760,110.89 1.0000	760,110.89 1.00	100.0 .01 **	44.85
Total (	Cash Equivalents	\$760,110.89	\$760,110.89	100.0	\$44.85
Cash					
	Principal Cash	- 110.89	- 110.89		
	Income Cash	110.89	110.89		
	Total Cash	\$0.00	\$0.00	0.0	
Total	Assets	\$760,110.89	\$760,110.89	100.0	\$44.85

### **ASSET DETAIL MESSAGES**

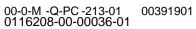
Time of trade execution and trading party (if not disclosed) will be provided upon request.

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

For further information, please contact your Analyst.

**Bbank** 

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



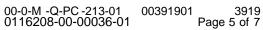
3919 Page 4 of 7

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

This statement is for the period from July 1, 2014 to July 31, 2014

### **CASH SUMMARY**

	Income Cash	Principal Cash	Total Cash
Beginning Cash Balance as of 07/01/2014	\$72.37	- \$72.37	\$.00
Taxable Interest	38.52		38.52
Cash Receipts		120,000.00	120,000.00
Purchases		- 759,961.67	- 759,961.67
Sales		759,961.67	759,961.67
Net Money Market Activity		- 120,038.52	- 120,038.52
Ending Cash Balance as of 07/31/2014	\$110.89	- \$110.89	\$0.00

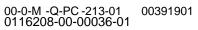




ACCOUNT NUMBER: 12-6239-05 AMERICAN MUNICIPAL POWER, INC. RATE STABILIZATION FUND FOR THE CITY OF NEPOLEONOHIO STABILIZATION FUND

This statement is for the period from July 1, 2014 to July 31, 2014

	TRANSAC	TION DETAIL		
Date Posted	Description	Income Cash	Principal Cash	Tax Cost
	Beginning Balance 07/01/2014	\$72.37	- \$72.37	\$640,072.37
07/01/14	Sold 639,962.67 Units Of First Amer Govt Oblig Fund CI A Trade Date 7/1/14 31846V849		639,962.67	- 639,962.67
07/01/14	Purchased 640,000 Par Value Of Abbey National Na LLC C P 7/31/14 Trade Date 7/1/14 Purchased Through U.S. Bank Money Center 640,000 Par Value At 99.99416667 % 0027A1GX1		- 639,962.67	639,962.67
07/01/14	Interest Earned On First Amer Govt Oblig Fund CI A Interest From 6/1/14 To 6/30/14 31846V849	0.19		
07/02/14	Purchased 0.19 Units Of First Amer Govt Oblig Fund CI A Trade Date 7/2/14 31846V849		- 0.19	0.19
07/25/14	Cash Receipt Received In Account Via ACH Cmk56379 Received ACH Funds From Amp Ohio Napoleon Rate Stabilization		120,000.00	
07/25/14	Sold 109.89 Units Of First Amer Govt Oblig Fund CI A Trade Date 7/25/14 31846V849		109.89	- 109.89
07/25/14	Purchased 120,000 Par Value Of Abbey National Na LLC C P 7/31/14 Trade Date 7/25/14 Purchased Through U.S. Bank Money Center 120,000 Par Value At 99.99916667 % 0027A1GX1		- 119,999.00	119,999.00
07/28/14	Purchased 110.89 Units Of First Amer Govt Oblig Fund CI A Trade Date 7/28/14 31846V849		- 110.89	110.89
07/31/14	Matured 640,000 Par Value Of Abbey National Na LLC C P 7/31/14 Trade Date 7/31/14 640,000 Par Value At 100 % 0027A1GX1		639,962.67	- 639,962.67
07/31/14	Interest Earned On Abbey National Na LLC C P 7/31/14 640,000 Par Value At 100 % 0027A1GX1	37.33		

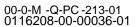


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ACCOUNT NUMBER: 12-6239-05 AMERICAN MUNICIPAL POWER, INC. RATE STABILIZATION FUND FOR THE CITY OF NEPOLEONOHIO STABILIZATION FUND

This statement is for the period from July 1, 2014 to July 31, 2014

	TRANSACTION DETAIL (continued)								
Date Posted	Description	Income Cash	Principal Cash	Tax Cost					
07/31/14	Matured 120,000 Par Value Of Abbey National Na LLC C P 7/31/14 Trade Date 7/31/14 120,000 Par Value At 100 % 0027A1GX1		119,999.00	- 119,999.00					
07/31/14	Interest Earned On Abbey National Na LLC C P 7/31/14 120,000 Par Value At 100 % 0027A1GX1	1.00							
07/31/14	Purchased 760,000 Units Of First Amer Govt Oblig Fund CI A Trade Date 7/31/14 31846V849		- 760,000.00	760,000.00					
	Ending Balance 07/31/2014	\$110.89	- \$110.89	\$760,110.89					



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

This statement is for the period from July 1, 2014 to July 31, 2014

	SALI	E/MATURITY SUMM	ARY	
Date Posted	Description	Tax Cost	Proceeds	Estimated Gain/Loss
Cash Eq	uivalents			
07/	bey National Na LLC C P 31/2014 27A1GX1			
07/31/14	Matured 640,000 Par Value Trade Date 7/31/14 640,000 Par Value At 100 %	- 639,962.67	639,962.67	
07/31/14	Matured 120,000 Par Value Trade Date 7/31/14 120,000 Par Value At 100 %	- 119,999.00	119,999.00	
	Total Abbey National Na LLC C P	- \$759,961.67	\$759,961.67	\$0.00
	Total Cash Equivalents	- \$759,961.67	\$759,961.67	\$0.00
	Total Sales	- \$759,961.67	\$759,961.67	\$0.00

### SALE/MATURITY SUMMARY MESSAGES

For information only. Not intended for tax purposes

### Electric Department Report August 2014

There were 11 callout/outages during the month of August. One callout was a faulty transformer. One outage was an overloaded fuse next to fairgrounds. One callout was a limb on a secondary. One outage was due to an animal that blew a fuse. One callout was a service anchor coming out of a brick. One outage was due to a faulty wire. Three outages were due to tripped breakers on customer's side. One callout was to repair guy wire hit by a mower. One callout was caused by a hollow limb in Right of Way falling on lighting secondary wire.

Line Department/Service Truck: Line crews set a 100 KVA transformer at HC Fairgrounds and pulled in wire. Crews pulled transferred pole on Huddle road. Crews hooked up electric service for Campbell Soup Water Flow Services. A crew repaired a light pole on East Riverview. Crews replaced a guy wire on south side and installed a new capacitor bank on Huddle road. Crews installed new UG services at 3 residences. Crews repaired service to tree well on Perry Street. Crews pulled in 556 MCM transmission wires on Huddle Road and made tie into 69 KV circuit. Crews helped tree crew in 800 block of Strong Street. The Service Truck completed locates and work orders.

Substation Department: Todd and Nikk installed new air brake switches at Glenwood Substation and installed new signage at Industrial Substation. Todd and Nikk filled in to read meters for Shawn Druhot and mowed substations and service building. They also worked on NERC compliance documents and reports in the office. Todd and Nikk also repaired sprayer, performed infra-red testing at substations and tested Line Potential Transformers at Southside and Glenwood substations. They also performed monthly inspections and routine maintenance at all substations

**Forestry Department:** Jamie trimmed trees on Haley, Maumee, Appian, Oakwood, alley behind Garden, tree near Nazarene Church, Huddle Road mobile home park and 424 West, He also helped line crews as needed on the 69KV transmission project.

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

The Peak Load for August, 2014 was 28.40 MW occurring on the 25<sup>th</sup> at 5:30 PM. This was an increase of .12 MW from August, 2013. The average load for August, 2014 was 19.29 MW. This was a decrease of .10 MW compared to August 2013. JV 2 and JV 5 ran for testing on 8/5/2014 and produced 5.4 MW each. The gas turbines ran on 8/26/14 and produced 36.6 MW. The AMP Solar Field showed a peak of 3.56 MW and the KWH output was 586,700.91.

09/04/14 DPC

### City of Napoleon, Ohio



### SUMMARY OF AUGUST 2014 OUTAGE/STANDBY CALL-OUTS

### August 3, 2014:

Electric personnel were dispatched at 6:46 p.m. to the Henry County Fairgrounds due to a power outage. The outage was due to a bad transformer that did not feed any customers so the electrical personnel changed the transformer the next day.

#### August 7, 2014:

Electric personnel were dispatched at 6:06 p.m. to the Henry County Fairgrounds due to a power outage. The outage lasted one half hour and affected the Fairgrounds. The outage was due to an overloaded fuse. The personnel upgraded the fuse to a 40 amp fuse.

### August 9, 2014:

One employee was dispatched at 2:45 p.m. to T278 State Route 108 due to a tree branch on the electric service. The employee removed the branch.

#### August 10, 2014:

Electric personnel were dispatched at 11:30 a.m. to Sheffield Ave. & Garden St. due to a power outage. The outage lasted one hour and affected fourteen customers. The outage was due to an animal that blew a fuse. The personnel replaced the fuse.

### August 12, 2014:

Electric personnel were dispatched at 4:00 p.m. to 120 W. Washington St. due to the anchor coming out of a brick that caused a low hanging wire. The personnel repaired the anchor and fixed the low hanging wire.

#### August 22, 2014:

Electric personnel were dispatched at 3:40 p.m. to Yeager St & N. Perry St. due to a power outage. The outage lasted one half hour and affected twenty one customers. The outage was due to a faulty wire.

### August 22, 2014:

Electric personnel were dispatched at 5:00 p.m. to 212 Thomas Ave. due to a power outage. The outage was due to the customer's breaker being tripped. The personnel showed the customer how to reset their outside breaker.

#### August 24, 2014:

Electric personnel were dispatched at 5:40 p.m. to 413 Wisteria Ln. due to a power outage. The outage was due to the customer's breaker being tripped. The personnel reset the breaker and let the customer know it was their breaker.

#### August 26, 2014:

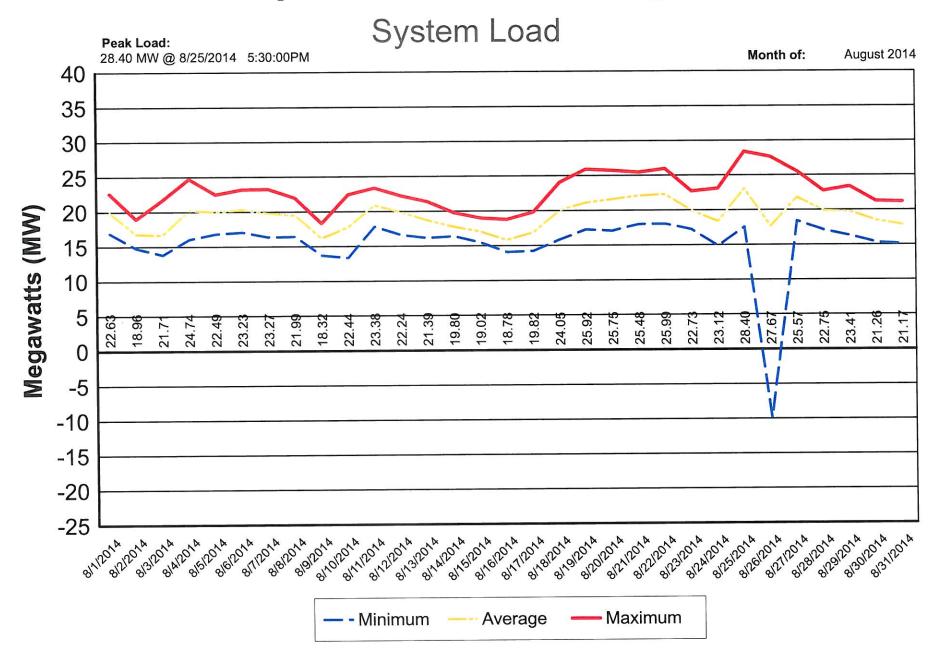
Electric personnel were dispatched at 5:20 p.m. to County Road 18A & County Road T due to a customer that hit a guy wire with his lawn mower. The personnel replaced the wrap on the guy wire.

#### August 29, 2014:

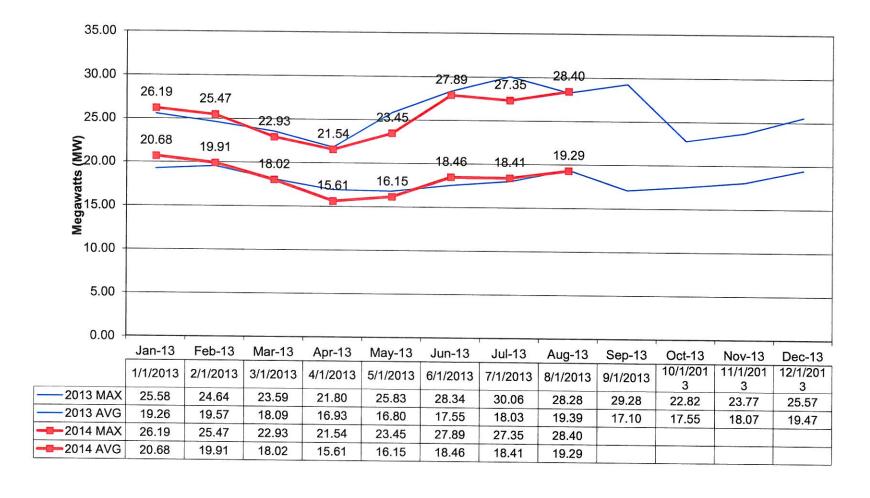
Electric personnel were dispatched at 5:25 p.m. to 212 Thomas Ave. due to a power outage. The outage was due to the customer's breaker being tripped. The personnel contacted the Mobile Home Park Maintenance to change the breaker.

#### August 31, 2014:

Electric personnel were dispatched at 8:25 a.m. to Clinton St. & Norton Ave. due to a tree that fell and took down a wire that feeds the street lights. The personnel put the wire back up.



### **NAPOLEON POWER & LIGHT**



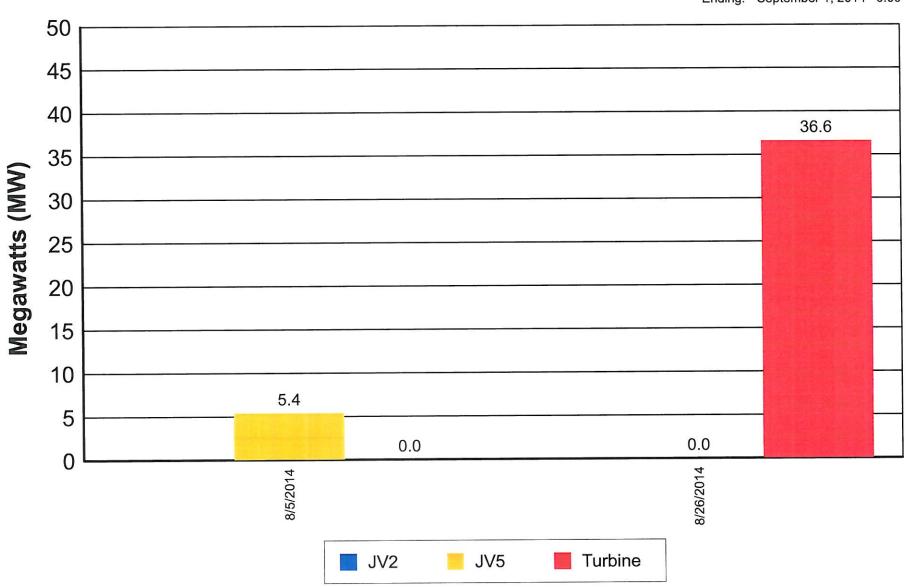
2013 MAX	2013 AVG	2014 MAX	
	20107110	2017101/00	2014 AVG

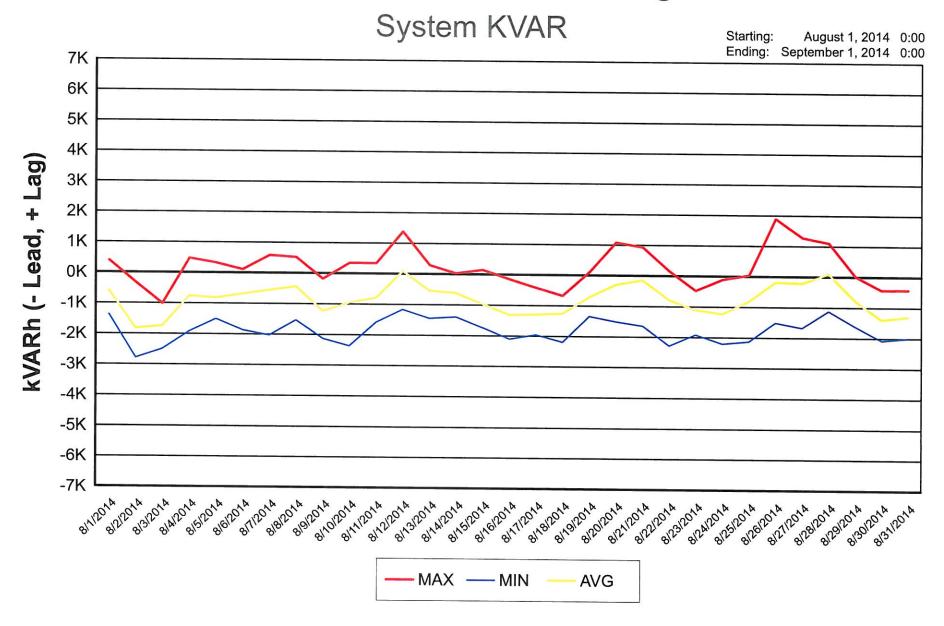
<sup>\*\* 900-1400</sup> residential homes served / MW average load

<sup>\*\* 300-800</sup> residential homes served / MW peak load

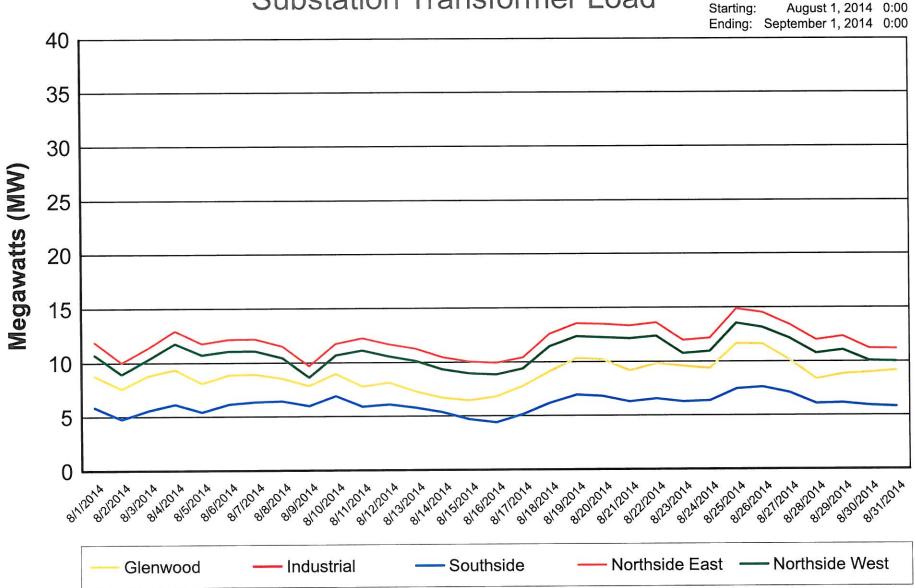


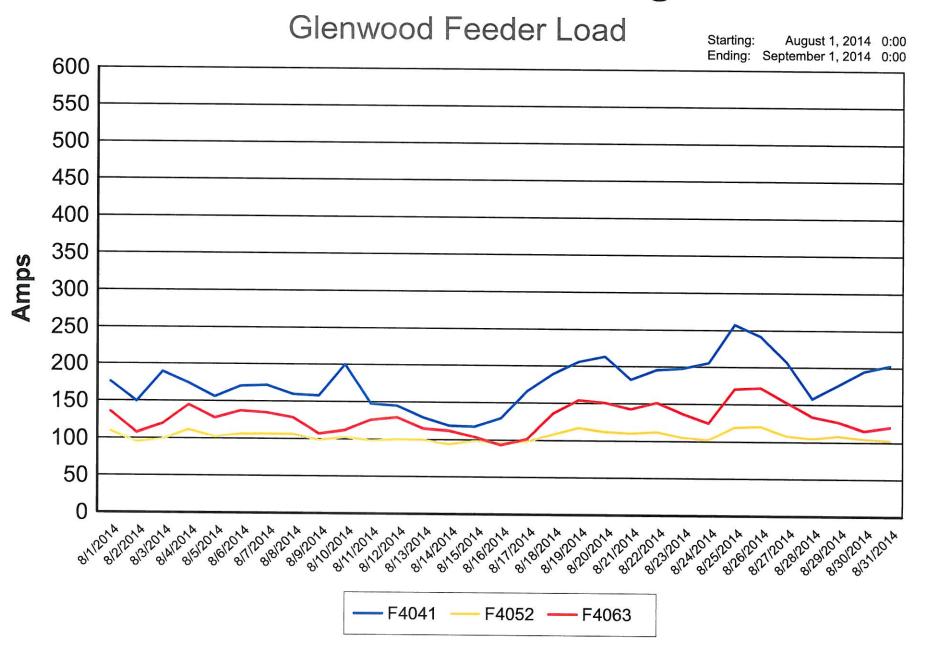
Starting: August 1, 2014 0:00 Ending: September 1, 2014 0:00

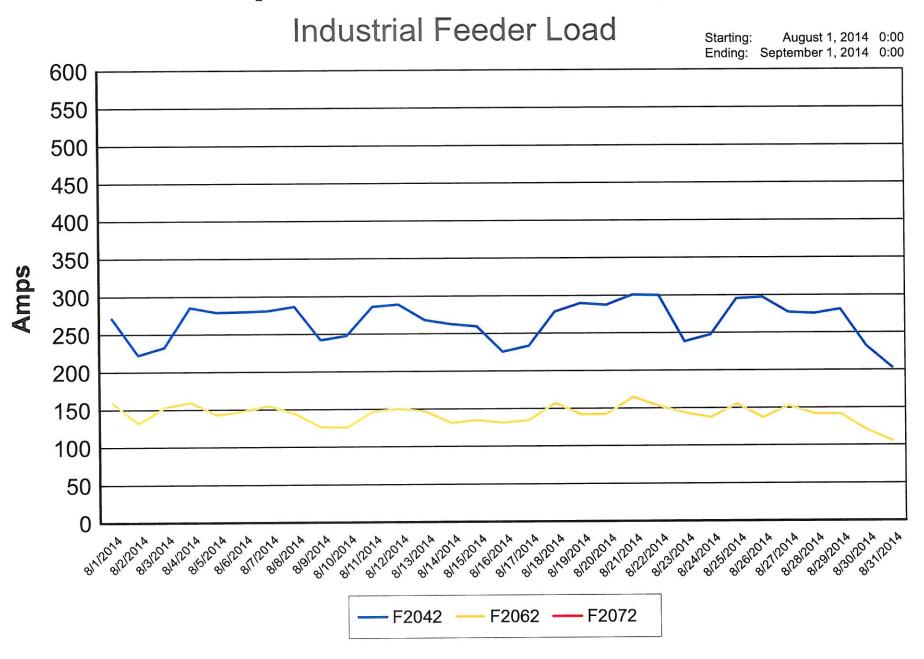




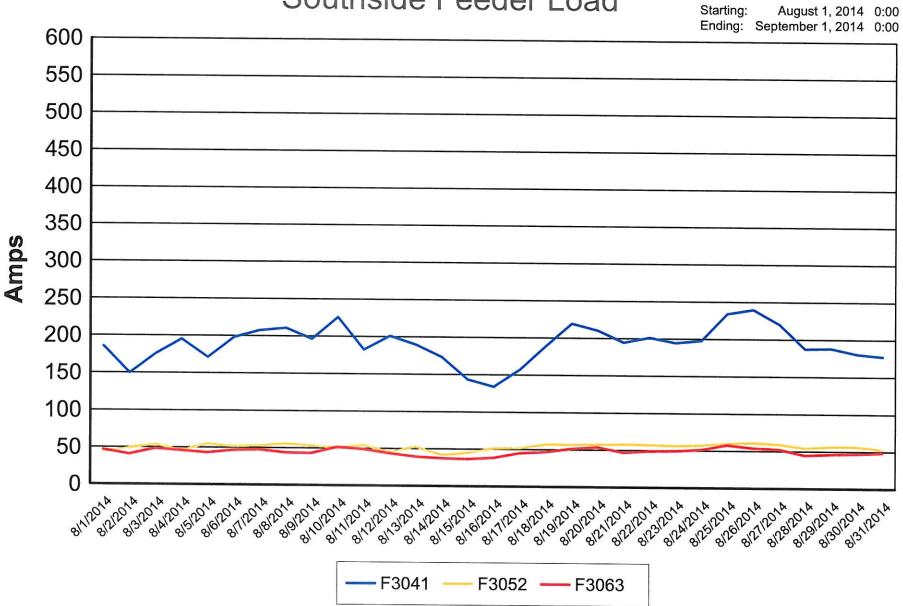
**Substation Transformer Load** 



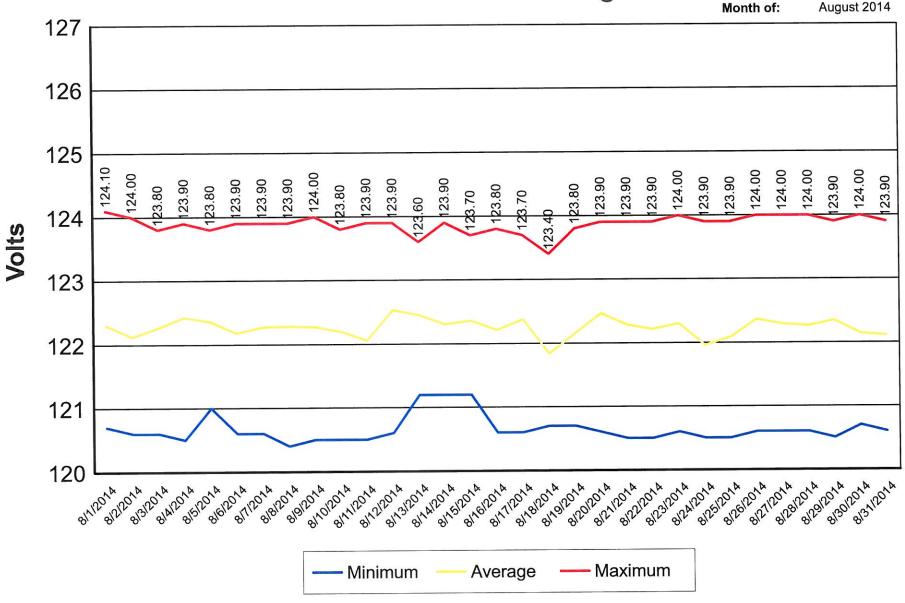




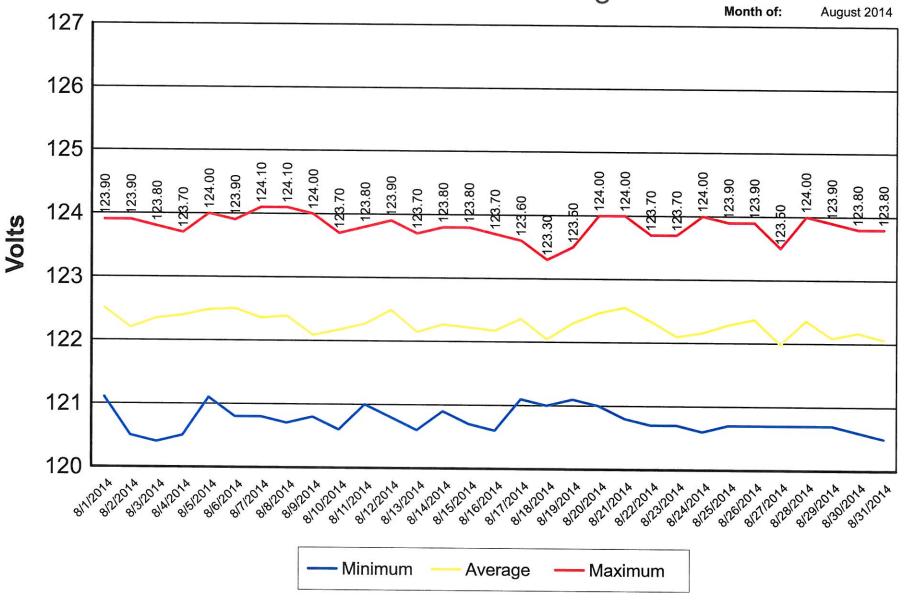




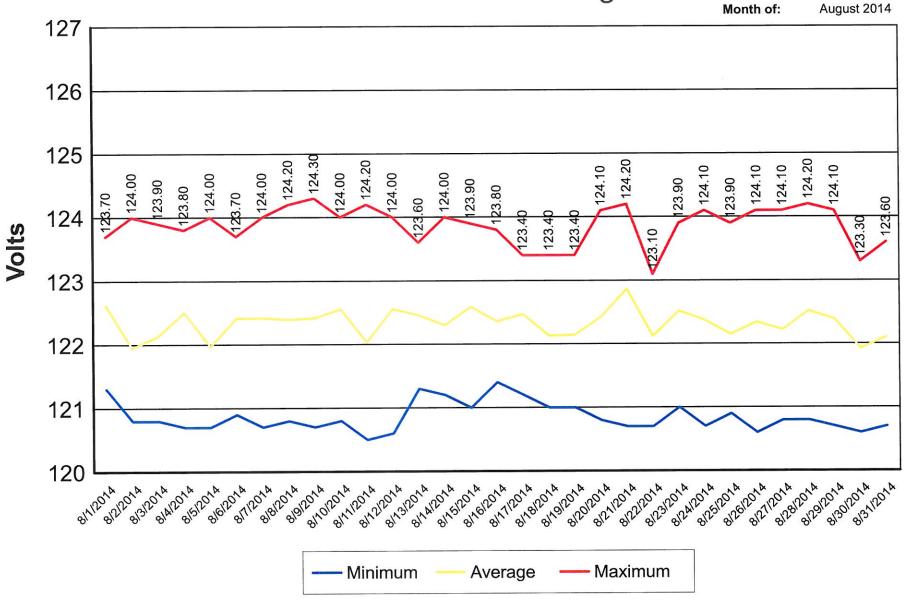
Glenwood Voltage

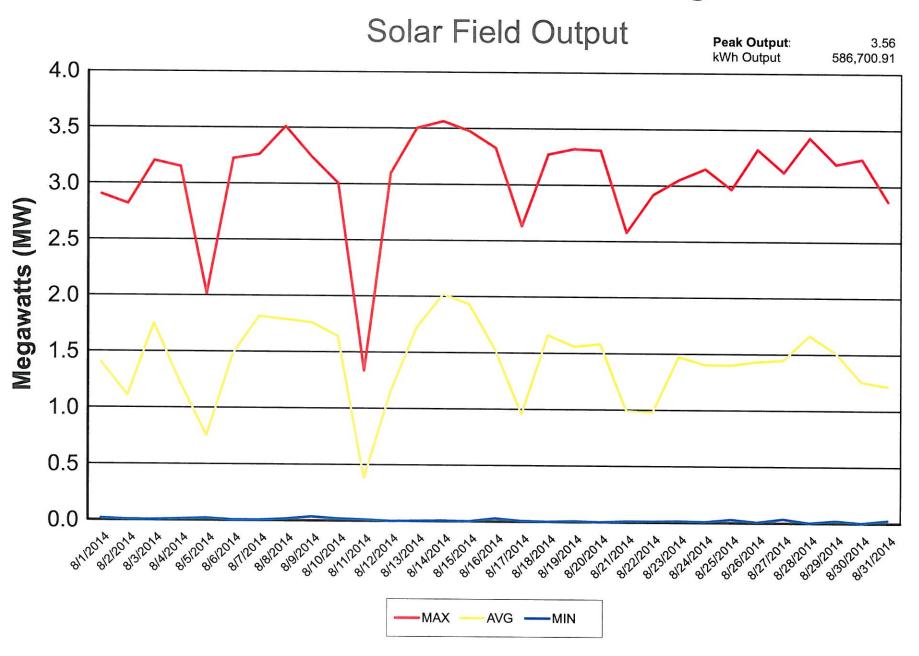


Industrial Voltage



Southside Voltage





# City of Napoleon, Ohio BOARD OF PUBLIC AFFAIRS (BOPA)

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

### Meeting Agenda

### Monday, September 8, 2014 at 6:30 PM

- Approval of Minutes (In the Absence of any Objections or Corrections, the Minutes Shall Stand Approved)
- II. Review/Approval of the Electric Billing Determinants for September: Generation Charge: Residential @ \$0.08870; Commercial @ \$0.11225; Large Power @ \$0.05417; Industrial @ \$0.05417; Demand Charge Large Power @ \$15.57; Industrial @ \$16.40; JV Purchased Cost: JV2 @ \$0.03917; JV5 @ \$0.03917
- III. Review of Electric Rate Design (Tabled)
- IV. Electric Department Report
- V. Review of Sewer Lateral Charge for a Multi-Story Discount
- VI. Any Other Items to Come Before the Board
- VII. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

#### City of Napoleon, Ohio

#### **BOARD OF PUBLIC AFFAIRS**

### **Meeting Minutes**

Monday, August 11, 2014 at 6:30 PM

PRESENT

Members

**Electric Committee Water, Sewer Committee** 

**City Council** 

Travis Sheaffer – Chair (arrived at 6:32 pm), John Helberg, Jason Maassel Chris Ridley - Chair, John Helberg, Jeff Comadoll

Keith Engler – Chair, Mike DeWit, Dr. David Cordes

John Helberg (President), Jason Maassel (President Pro Tem), Travis

Sheaffer, Chris Ridley, Heather Wilson, Jeff Comadoll

City Staff Monica S. Irelan, City Manager

Dr. Jon A. Bisher, Special Projects Clerk Dennis Clapp, Electric Superintendent

Gregory J. Heath, Finance Director/Clerk of Council

Trevor M. Hayberger, Law Director

Ronald A. Behm, Mayor

Recorder

Others

Tammy M. Fein

News Media; John Courtney and Scott Wiesing, Courtney & Associates

Jeffrey Marihugh

Call To Order

Chairperson Engler called the BOPA meeting to order at 6:30 PM. Committee member Maassel called the Electric Committee meeting to

order at 6:30 PM.

**Approval Of Minutes** 

The July 14 meeting minutes stand approved as presented with no objections or corrections.

Review Of Electric Rate Design: Courtney & Associates (Tabled)

ABSENT

**BOPA Motion To Untable Review Of Electric Rate** 

Design

Motion: DeWit Second: Cordes
To untable review of Electric Rate Design

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

Nay-

**Electric Motion To Untable Review Of Electric Rate** 

Design

Motion: Maassel Second: Sheaffer

To untable review of Electric Rate Design

Passed

Yea- 3

Roll call vote on above motion:
Yea- Sheaffer, Maassel, Helberg

Nav- 0 Nay-

**Discussion** John Courtney, Courtney & Associates, distributed an overview of the

presentation entitled Sample Electric Rate Schedules; see attached.

Courtney overviewed the discussion of the July 21 Council meeting

### **Review Of Electric Rate Design Continued**

regarding the current rate structure used by the City, comparing the information to the bundled rates and unbundled rates formats. Courtney stated that the customer will continue to pay the same amount, but the charges are distributed differently in the different formats as listed.

Engler asked if the outline was for one (1) month at a time; Courtney stated that each month was a new calculation of the Power Supply Cost Adjustment for the three (3) month rolling average; as demonstrated in the Determination of Monthly Power Supply Cost Adjustment Factor page in the packet. Courtney stated the current losses are approximately seven percent (7%), which would stay approximately the same with the new rate structure; adding that the current rate structure guarantees that the Power Cost is collected due to the units being figured before the billing, however the new rate structure will use a three (3) month rolling average.

Heath asked how the Base Cost was calculated; Courtney replied that it was the average of 2013, the same time period used to research the Generation Charge. Heath reminded the Board and Committee that there would not be a floating overall rate; now there would be a different fixed Generation Charge for each rate, with a monthly variable Power Supply Cost adjustment.

Engler asked Heath's opinion of the rolling average rate structure; Heath replied that in terms of the computation, the three (3) month rolling average structure is easier. Heath added that the new structure would be a Policy issue change for use in Economic Development; Large Power customers would be able to average their utility use, allowing the Industrial Rate customers to budget their usage more effectively. DeWit stated that he was concerned that the City is assuming the liability if there are any dramatic rate increases; adding that there will be bills coming in that are not covered. Courtney stated that would never happen with the new rate structure; the amount will continue to roll up or down, sometimes by thousands of dollars, and this is built into the Base Rates. Engler believes the new rate structure should be adopted since it makes the Industrial Rate customer happier and there is no risk to the City. Courtney stated that he recommends the Bundled Rate Schedule, not the Unbundled Rate Schedule; the Unbundled Rate structure has two (2) additional charges on the bill causing more complication in the billing process. Cordes asked if the Bundled Rate Structure would be easier for Heath: Heath stated there is certain statistical information that is valuable from the current process, and this information will still be needed regardless of which rate structure is adopted. Heath added the push for the new rate structure is from the customer side of the bill. Engler believes the Bundled Structure would be easier for the Residential customers to understand. Heath stated that under the current structure there is a floating demand, and the new rate structure will combine this, converting the adjustment to the Energy Cost. Courtney added that the Power Cost adjustment will be driven by the Demand Cost and the Energy Cost; Courtney suggested researching the Base Cost of Service when there is a major change in the aggregates, adding that AMP suggests every five (5) years.

Bisher stated that the City had Bundled Rates but went to Unbundled Rates

### **Review Of Electric Rate Design Continued**

during deregulation when cities were concerned that they would be required to open their markets; Bisher added that legislatively the City's market is closed and this will not be a concern. Bisher stated that an issue that needs to be considered is the increased assets and debt service payments now held by the City. Courtney added that the rates as listed in the presentation are exclusive of the Kilowatt Hour Tax.

Helberg stated that the Unbundled Structure would make it easier for Large Power customers to see exactly how the bill is broken down; asking if the Demand Charges should be unbundled to keep the Economic Development pretense. DeWit believes that whatever is the most advantageous to economic development for the City would be the best course to take, and suggested using the Bundled Rate Structure to make the bill more summarized for the Residential customers. Heath stated that this is a rate calculation, adding that statistical data was given to Courtney so he may try to compute the differences in rate structures. Heath stated that the Large Power customers currently receive a detailed computation breakdown of the charges, all other customers get a summary of the charges. Helberg stated that he is looking for a line item to show how the rate is computed; Courtney replied that this would not be an appropriate comparison. Courtney restated that he recommends a Bundled Rate Structure. Helberg asked if this would be an easy transition; Courtney stated that it would, and Heath will continue to track consumption and detail. Cordes asked if a hybrid of Bundled and Unbundled rate structures could be created; Courtney stated that it could. Engler believes that too many lines on the bill is confusing for the Residential customers; Cordes believes that more information is better. Heath stated the new rate structure would be effective January 1, 2015, adding that Courtney would take the statistical data to make the comparison computations; adding that the current rate structure will continue to add the \$60,000 until a new structure is in effect. Irelan suggested using the Bundled Rate Structure, as this is what she has been asked for from the customers, adding that less numbers on the bills may be more appropriate for the customers. Irelan added that bidding against other customers at the State Level would be easier with the Bundled Rate Structure; having a stable Base Rate makes the City more competitive.

Engler believes there is enough information available to make an informed decision tonight; Cordes stated he is leaning toward the hybrid Rate Structure while Engler stated that he is leaning toward the Bundled Rate Structure for the smaller businesses to be less confusing; DeWit stated that he is comfortable with either rate structure. Courtney stated that not all customers need the same rate structure; reminding the Board and Committee that the Industrial customers already receive a detailed bill structure. Maassel asked when the last time the Base Rate was researched; Courtney stated that the Base Rate is researched every time a Cost Study is done, and the last update was completed in 2013; adding that at this time the Interdepartmental Cost of Service was recommended to be changed to the regular Commercial Rate. Helberg asked how this would affect the rate levelization program; Courtney replied that it would not.

**BOPA Motion To Table** Motion: DeWit Second: Cordes

**Review Of Electric Rate** 

Design

To table the review of the Electric Rate Design until the September

meeting

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

Nay-

Council Motion To Table Review Of Electric Rate Design

Motion: Helberg Second: Maassel

To table review of the Electric Rate Design until the September meeting

Passed Yea- 3 Nay- 0

Roll call vote on above motion: Yea- Sheaffer, Maassel, Helberg

Nay-

**Approval Of Electric Billing Determinants** 

The electric billing determinants for August were presented for review.

**BOPA Motion To Approve Electric Billing Determinants**  Motion: DeWit Second: Cordes

To recommend approval of electric billing determinants for August 2014

as follows:

Generation Charge: Residential @ \$0.09399; Commercial @ \$0.11813; Large Power @ \$0.05618; Industrial @ \$0.05618; Demand Charge Large Power @ \$15.16; Industrial @ \$15.71; JV Purchased Cost: JV2 @

\$0.03348; JV5 @ \$0.03348.

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

Nay-

Motion To Accept BOPA Recommendation For Approval Of Electric Billing Determinants Motion: Maassel Second: Helberg

To accept the BOPA recommendation for approval of electric billing

determinants for July 2014 as follows:

Generation Charge: Residential @ \$0.09399; Commercial @ \$0.11813; Large Power @ \$0.05618; Industrial @ \$0.05618; Demand Charge Large Power @ \$15.16; Industrial @ \$15.71; JV Purchased Cost: JV2 @

\$0.03348; JV5 @ \$0.03348.

Passed Yea- 3 Nay- 0 Roll call vote on above motion: Yea- Sheaffer, Maassel, Helberg

Nay-

BOPA Motion To Approve Residential Billing Determinants Motion: DeWit Second: Cordes

To approve Residential billing determinants that were not directly listed on

the printed Agenda

**Passed** 

Yea- 3
Nay- 0

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

Nay-

Motion To Accept BOPA Recommendation For

Motion: Maassel Second: Helberg

**Approval Of Residential Billing Determinants** 

To accept BOPA recommendation for approval of the Residential billing determinants that were not directly listed on the printed Agenda

**Passed** 

Yea-3 Nay- 0 Roll call vote on above motion: Yea- Sheaffer, Maassel, Helberg

Nay-

**Electric Department Report** 

Clapp distributed the Electric Department Report; see attached.

**Electric Motion To Adjourn** 

Motion: Maassel Second: Helberg To adjourn the Electric Committee meeting at 7:29 pm

**Passed** Yea-3

Nay- 0

Roll call vote on above motion: Yea- Sheaffer, Maassel, Helberg

Nay

**BOPA Motion To Adjourn** 

Motion: DeWit

Second: Cordes

To adjourn the meeting at 7:29 pm

**Passed** Yea-3 Nay- 0

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

Nay-

Date

Keith Engler, Chair

City of Napoleon, Ohio

# WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE

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

### Meeting Agenda

### Monday, September 8, 2014 at 7:00 PM

- I. Approval of Minutes (In the Absence of any Objections or Corrections, the Minutes Shall Stand Approved)
  - August 11 Regular Meeting
  - August 16 Special Meeting
- II. Review of Sewer Lateral Charge for a Multi-Story Discount
- III. Any Other Matters Currently Assigned To Committee
- IV. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

#### City of Napoleon, Ohio

### WATER, SEWER, REFUSE, RECYCLE & LITTER COMMITTEE in Joint Session with **CITY COUNCIL**

### **Meeting Minutes**

Monday, August 11, 2014 at 7:00 PM

**PRESENT** 

Water, Sewer Committee

**City Council** 

**City Staff** 

Recorder **Others** 

ABSENT

WSRRL Call To Order **Council Call To Order** 

Approval Of Minutes

**Review of Water Plant Consortium Concept** 

Chris Ridley - Chair, Jeff Comadoll, John Helberg

John Helberg (President), Jason Maassel (President Pro Tem), Travis

Sheaffer, Chris Ridley, Heather Wilson, Jeff Comadoll

Ronald A. Behm, Mayor

Monica S. Irelan, City Manager

Gregory J. Heath, Finance Director/Clerk of Council

Trevor M. Hayberger, Law Director

Tammy Fein

News Media; Mike DeWit

Jeffrey Marihugh

Chairperson Ridley called the meeting to order at 7:34 pm.

President Helberg called the Council meeting to order at 7:34 pm.

The May 12 Water, Sewer, Refuse, Recycling & Litter Committee meeting minutes stand approved as presented with no objections or corrections.

Irelan distributed a memo regarding the Intergovernmental Cooperative Agreement; see attached.

Irelan updated the Committee and Council on the structure of the possible Water Plant Consortium.

Maassel requested the definition of 'wheeling charge'; Irelan replied that this is the charge to satellite customers to use the City owned lines to move the water. Ridley asked if this was a current understanding of the consortium as a whole; Irelan replied yes; Heath believes that this understanding was based on the assumption that a new plant would be built. Irelan stated this assumption varied and not all potential Consortium members assumed the construction of a new plant.

Irelan stated that the Operations and Maintenance Agreement has neither been written nor signed as of yet; Irelan currently does not know how the agreement regarding City employees working at a plant that the County owns will be constructed.

Hayberger stated that, in regard to the Revenue Bonds that encumber both the current Water Treatment Plant and the North Side Water Tower, the bondholders are similar to shareholders, and a suit could be brought if the revenues promised were not met. Irelan stated there is a case study from 1959 giving a chartered City the right to lease property in a Revenue Bond situation; Hayberger will research this further, adding that the County is covered by a separate section of the Ohio Revised Code (ORC). Maassel asked what amount the County would have to set aside in an

### **Review of Water Plant Consortium Concept Continued**

Escrow Account for outstanding debt; Heath replied he believes it is approximately three million dollars (\$3,000,000), not including the current debt (Notes) incurred to date, or for the rehab of the current Water Plant. Irelan stated that the County cannot sell Revenue Bonds as of yet, as they do not own the plant and the City will not convey it to the County.

Irelan asked for direction from Council regarding the progression of the Consortium; there are questions listed in the handout from Irelan and City residents. Irelan suggested hiring a third party mediator if the Consortium does go forward as to address the current trust issues. Wilson believes that, according the comments listed in the handout, the other villages are not even on the same page as the City regarding the Consortium; Irelan agreed. Sheaffer does not believe it is in the City's best interest to give away the assets, and it could affect the City's credit rating; Irelan agreed with the concern, adding that even if this was conveyed to the County, the City's net financial statements will decrease. Behm stated that the consortium was always discussed under the assumption of building a new plant; Hayberger reminded the Committee and Council that the Environmental Protection Agency (EPA) suggested the new plant would not work.

Behm believes that the other potential members of the Consortium are feeling stuck to buy water from the City with little say over the cost of water production; the attractive part of the Consortium will be giving them input regarding cost and rate structure. Ridley reminded the Committee and Council that the ownership discussion began due to the potential cost of building the new plant, and dividing ownership along with cost among the Consortium members. Heath added that County would be the owner, and the City would be on the board assisting in setting rates. Ridley added that the Consortium could not apply for the USDA funding; Hayberger added that assessments to fund the project were requested, and only the County could do these assessments. Ridley believes that it would be shared ownership by the entities, not just the County. Irelan stated that the City would only have one (1) vote on the Consortium, and both the Board of Public Affairs (BOPA) and the Water, Sewer, Refuse, Recycling and Litter (WSRRL) Committee had made it very clear to her that neither was in favor of the City only receiving one (1) vote.

Helberg added that the WSRRL Committee voted to suggest to the Consortium the option of the rehab of the current plant, but have not heard back as to their reply.

Irelan stated if the direction of rehab of the current plant is taken, there would be Granulated Activated Carbon (GAC) testing done for the current plant's worst month. Lulfs stated there was no cold water testing completed during the original testing for the Pilot Study. Irelan stated the GAC testing is a \$10,000 study. Irelan stated that if building a new water plant is the direction taken, a new Pilot Study is recommended from the EPA. The cost of the first Study was approximately \$330,000. Maassel reminded the Committee and Council that the reverse osmosis process does not work well with cold water, and the lime soda method is a better process. Hoover added that the Algae II rule must be met by 2016 and a new Pilot Study would cut that timeframe close. Helberg, Maassel, and

Wilson suggested moving forward for the City and allowing the potential Consortium to offer suggestions if they are interested in proceeding.

### WSRRL Motion To Proceed With GAC Testing

Passed Yea- 3 Nav- 0

Council Motion To Approve WSRRL Recommendation To Proceed With GAC Testing

Passed Yea- 6 Nay- 0

**Discussion** 

Motion: Comadoll Second: Helberg

To proceed forward with GAC Testing

Roll call vote on above motion: Yea- Ridley, Helberg, Comadoll Nav-

Motion: Wilson Second: Maassel

To approve WSRRL recommendation to proceed with GAC testing

Roll call vote on above motion:

Yea- Helberg, Sheaffer, Comadoll, Wilson, Ridley, Maassel

Nay-

Lulfs reminded the Committee and Council that the GAC testing will only reveal what type of carbon and what size and diameter of pipes is required, along with the potential costs.

DeWit stated that he is concerned about the Toledo water crisis last week, and the liability issues that will be emerging; adding that selling water increases the potential for liability as well as operating the plant, even if the County owns it, and added protection may be needed to protect the City from liability.

Irelan stated there is currently a pending rate study from Courtney, and the results should be back within a couple weeks, showing residential and wholesale customer cost, using the rehab of the current plant at the worst case scenario. Helberg stated that none of those results would change the direction that the City should go; Irelan wants the decision to be the most educated decision available. Maassel reminded the Committee and Council that the rehab will cost approximately \$12 million, and to show revenue, rates will be increased. Heath stated that if the City does rehab the plant without the Consortium, a decision must be made regarding the asset, as this will set the path as to where the Consortium can go. Irelan asked for direction regarding the asset. Helberg restated moving forward with rehabbing the current plant and allowing the Consortium to make their plan to bring before the City; Wilson stated that the City will make the parameters regarding City employees working at a plant that the City does not own. Sheaffer stated he does not approve of giving up the asset; Hayberger added that the asset will be either owned or not owned by the City, and no parameters are needed. Sheaffer added that the Townships currently work well with the City regarding the Fire/EMS rates, and the water rates could be handled in the same fashion. Wilson added that even if the City owns the asset completely, there could still be a board to set rates. Irelan stated that an Intergovernmental Cooperative Agreement could be written to do this; Heath stated that the contracts could be rewritten as necessary; adding that the Consortium may be open to this idea, and the cost of moving water must be shared. Maassel restated that the City still wants to work with the Consortium, Helberg added that for

the safety of the public, the City must move forward.

**WSRRL Motion To Keep** Water Plant And All Attached **Assets And Infrastructure As City Property** 

Motion: Comadoll Second: Helberg

To keep the Water Plant and all attached assets and infrastructure as City

property

Passed Yea-3 Nay- 0

Roll call vote on above motion: Yea- Ridley, Helberg, Comadoll

Nay-

**Council Motion To Approve WSRRL** Recommendation To **Keep Water Plant And All Attached Assets And Infrastructure As City Property** 

Motion: Sheaffer Second: Ridley

To approve WSRRL recommendation to keep Water Plant and all attached assets and infrastructure as City property

**Passed** 

Yea- 6 Nay- 0 Roll call vote on above motion:

Yea- Helberg, Sheaffer, Comadoll, Wilson, Ridley, Maassel

Nay-

**WSRRL Motion To Authorize** The City Manager To Enter **Into Contract With A Third Party Mediator For Consortium Discussions As** Needed

Motion: Comadoll Second: Ridley

To authorize the City Manager to enter into a contract with a third party

mediator for Consortium discussions as needed

**Passed** 

Yea-3

Nav-0

Roll call vote on above motion: Yea-Ridley, Helberg, Comadoll

Nay-

**WSRRL Motion To Move Forward To Rehab Existing** Water Plant And Start Design And EPA Paperwork For The City Engineer To Begin The **Quality Based Selection Process** 

Motion: Comadoll Second: Helberg

To move forward to rehab the existing Water Plant and start the design and EPA paperwork for the City Engineer to begin the Quality Based Selection

Process

Passed Yea-3

Nav- 0

Roll call vote on above motion: Yea- Ridley, Helberg, Comadoll

Nay-

**Council Motion To Approve WSRRL Recommendation To Move Forward To Rehab Existing Water Plant And Start Design And EPA Paperwork For The City Engineer To Begin The Quality Based Selection** 

Motion: Maassel Second: Comadoll

To approve WSRRL Recommendation to move forward to rehab the existing Water Plant and start the design and EPA paperwork for the City

Engineer to begin the Quality Based Selection Process

### **Process** Roll call vote on above motion: **Passed** Yea- 6 Yea- Helberg, Sheaffer, Comadoll, Wilson, Ridley, Maassel Nay- 0 Nay-Hoover stated that the existing water plant can be rehabbed while it is still operating, and getting into the filters right away will put the water plant in compliance to the Long Term 2 (LT2) rule fairly quickly. Irelan stated that Hoover will be involved with the Engineers during all aspects of the rehab process. Lulfs stated that he will use the Quality Based Selection process to choose the engineering firm. Ridley asked if the referrals were researched and if this is Irelan's suggestion; Irelan stated that she is confident with the suggestion that she is giving to Council. Maassel asked what the rate increase would be if project proceeds without the Consortium; Maassel is hesitant to vote without knowing the information. Helberg stated that the timeline for the rates to come back from the study being done by Courtney & Associates would be completed and returned before the process started, and the process can be stopped if Council deems it necessary to do so. Lulfs stated he will also need time to negotiate the contract which could take several weeks as well, with the request for approval not coming back to Council until mid to late September. Heath stated that the rates were studied and already raised 30%, and he believes that the rates would only need to be raised another 30%, although this is not the full cost of the debt. Irelan and Hoover thanked Council for the clear direction in the decisions made tonight; Hoover added that the employees are ready to have a set direction in their work. **WSRRL Motion To Adjourn** Motion: Comadoll Second: Helberg To adjourn the meeting at 8:40 pm **Passed** Roll call vote on above motion: Yea-3 Yea- Ridley, Helberg, Comadoll Nay-Nay- 0 **Council Motion To Adjourn** Motion: Sheaffer Second: Ridley To adjourn the meeting at 8:40 pm Roll call vote on above motion: Passed Yea-7 Yea- Helberg, Sheaffer, Marihugh, Comadoll, Wilson, Ridley, Maassel Nay- 0 Nav-

Chris Ridley, Chair

**Date** 

### City of Napoleon, Ohio

### WATER, SEWER, REFUSE, RECYCLE & LITTER COMMITTEE

### **Special Meeting Minutes**

Saturday, August 16, 2014 at 8:00 am

**PRESENT** 

Water, Sewer Committee Chris Ridley - Chair, John Helberg

**Recorder** Scott Hoover

Others Scott Hoover, Water Plant Superintendent; Heather Wilson; News Media

**ABSENT** Jeff Comadoll

WSRRL Call To Order Chairperson Ridley called the meeting to order at 8:00 am.

**Tour Of The Water Plant** Scott Hoover, Water Plant Superintendent, took the Committee on a tour

of the Water plant.

WSRRL Motion To Adjourn Motion: Helberg Second: Ridley

To adjourn the meeting at 10:00 am.

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

Yea- Yea- Helberg, Ridley

Nay- 0 Nay-

Date Chris Ridley, Chair



FROM:

### CITY OF NAPOLEON, OHIO

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

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

August 13, 2014 DATE:

Members of City Council TO:

Ronald A. Behm, Mayor Monica S. Irelan, City Manager

Trevor M. Hayberger, City Law Director

Gregory J. Heath, Finance Director/Clerk of Council

Sewer Lateral Charge - Multi-story Discount Review SUBJECT:

City Council passed Ordinance No. 027-14 on Monday, May 19, 2014, establishing a "New" Sewer Lateral Charge. (Please See Attachment- A1) This charge was Effective on July 1, 2014, and was included on the Monthly Utility Billing, billed August 1, 2014. Pursuant to the Application of Charge "Section 1" listed as City Code Section 931.13 (c) in the Ordinance, the Sewer Lateral Charge is applied to every account that "qualify for the Overflow Abatement Fee". In other words, if you are paying the Overflow Abatement Charge, then you are also responsible to pay for the Sewer Lateral Charge.

Based on Customer responses from the monthly billing, concerns have been expressed to the Office of Finance that no provision was made for a Multi-story Discount in applying the Sewer Lateral Charge; versus, an allowed up to fifty (50%) discount in the Overflow Abatement Charge. The Overflow Abatement Charge currently allows for up to a fifty (50%) percent reduction in the charge if it qualifies for the Multiple-level Building Reduction as stated under section 931.12 (f)(2). (Please See Attachment-<u>A2</u>)

I have also attached copies of two (2) bills, brought in by a Customer, showing the billing with the Discounted Overflow Abatement Charge and the Non-Discounted Sewer Lateral Charge. (Please See Attachment- A3)

Should City Council desire to consider a Multi-Level Building Reduction discount for the Sewer Lateral Charge, my recommendation would be to refer it out to City Council Committee for review.

1

Thank you for your consideration of this matter.

Attachments

Chad Lulfs, Public Works Director/City Engineer Cc:

### ORDINANCE NO. 027-14

AN ORDINANCE ESTABLISHING SECTION 931.13 OF THE CODIFIED ORDINANCES OF THE CITY OF NAPOLEON WHICH ESTABLISHES A CHARGE AND RATE FOR THE COSTS OF THE SEWER LATERAL RESPONSIBILITY RULE

WHEREAS, the Board of Public Affairs and the Water and Sewer Committee met in a regular meeting held on April 14, 2014, and reviewed the rule regarding sewer lateral responsibility and recommended that the City should have greater responsibility than previously, and they recommended establishing a charge as well as a rate to pay for this new responsibility; and,

WHEREAS, City Council now desires to pay for the some of the costs associated with sewer lateral repair as outlined in the Water and Sewer Rules; and,

WHEREAS, City Council now desires to establish a charge to assist with the costs of this responsibility; and,

WHEREAS, City Council now desires to establish a rate for said charge; Now Therefore,

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

That, the City of Napoleon does hereby establish Section 931.13 of Section 1. the Codified Ordinances of the City of Napoleon, Ohio which EFFECTIVE JULY 1ST, 2014, establishes the Sewer Lateral Charge and sets the rate for said charge and is enacted as follows:

### "931.13 SEWER LATERAL CHARGE.

- Purpose. The purpose of the sewer lateral charge, that is charged in addition to the overflow abatement charge, capacity charge, and commodity charge, is as follows:
- To raise revenue to offset the costs of assuming repairs to customer (1)sewer laterals which occur at or between the right-of-way and the main.
- By assuming those costs, the City benefits by having more control (2)over who does work and how the work is being done to sewer lines that are in the right-ofway to the main, which may include going under City streets.
- To improve the public health, safety, and welfare by providing for the safe and efficient delineation of the sewer lateral responsibility.
- Rules. The City of Napoleon Water and Sewer Service Rules, and as amended from time to time, are established to assist in decisions regarding this charge.
- Application of Charge. This charge will be considered a sanitary sewer lateral fee that is to be charged, in addition to any overflow abatement, capacity, or commodity charge, to any real property that currently or in the future has been determined to qualify for the Overflow Abatement Fee. The responsible party for payment will be the same as the responsible party for the Overflow Abatement Fee.

Rate. The Sewer Lateral Charge is assessed monthly as follows:

Class User:	Charge:
Residential - In	\$2.10
Residential - Out	\$3.15
Commercial /INDUSTRIAL- In	\$3.50





### Commercial/INDUSTRIAL - Out Industrial \$12.00

(e) <u>Conflict with Rules for Water and Sewer Service</u>. Where a conflict arises between this section and the Rules for Water and Sewer Service, this section shall control.

(f) <u>Exemption</u>. Notwithstanding any provision to the contrary, all buildings and land owned by this municipality are exempt from the sewer lateral charge; moreover, any sewer lateral charge billed to this municipality is exempt from collection.

(g) Appeals. Any appeals shall be in accordance to the process set forth in the City of Napoleon Water and Sewer Service Rules, as may be amended from time to time."

Section 2. That, it is found and determined that all formal action of this City Council concerning and relating to the adoption of this Ordinance were adopted in open meetings of this City Council, and that all deliberations of this City Council and any of its committees that resulted in such formal actions were in compliance with all legal requirements, including Section 21.22 of the Ohio Revised Code and the Codified Ordinances of Napoleon, Ohio.

Section 3. That, if any other prior Ordinance or Resolution is found to be in conflict with this Ordinance, then the provisions of this Ordinance shall prevail. Further, if any portion of this Ordinance is found to be invalid for any reason, such decision shall not affect the validity of the remaining portions of this Ordinance or any part thereof.

Section 4. That, this Ordinance shall be in full force and effect at the earliest time permitted by law.

Passed: May 19, 2014  Approved: May 19, 2014	John A. Helberg, Coupcil President Ronald A. Behm, Mayor
VOTE ON PASSAGE _ G Yea _ O Nay _ Attest: Lie way G Yolath / CP	O Abstain
Gregory J. Heath, Clerk/Finance Director	
I, Gregory J. Heath, Clerk/Finance Director the foregoing Ordinance No. 027-14 was duly publis general circulation in said City, on the day further certify the compliance with rules established Napoleon Ohio and the laws of the State of Ohio per	of; & I in Chapter 103 of the Codified Ordinances Of

Gregory J. Heath, Olerk Finance Director

\$5.25

(A2)

### 931.12 OVERFLOW ABATEMENT CHARGE.

(a) <u>Purpose.</u> The purpose of the overflow abatement charge, that is charged in addition to the capacity and commodity charge, is as follows:

(1) To raise revenue to comply with the Ohio Environmental Protection

Agency's issued findings and orders made against the City.

(2) To pay for, in part, the establishment and implementation of a plan to eliminate sanitary and combined sewer overflows, including design, coordination, construction, management, operation, maintenance, inspection and enforcement.

(3) To improve the public health, safety, and welfare by providing for the safe and efficient capture and conveyance of storm water runoff and the

correction of storm water problems, and

(4) To reduce water pollution within the corporate limits and those premises outside the corporate limits serviced by the City's sanitary sewer system by eliminating overflow conditions.

- (b) <u>Development of Plans.</u> The City Engineer, under the authority of Section 139.02 and this section shall develop a plan and recommend projects utilizing funds generated by the overflow abatement charge to eliminate combined sewer overflows and to generally bring the City into compliance with the findings and orders issued against the City by the Ohio Environmental Protection Agency.
- (c) <u>Application of Fee.</u> This fee will be considered a sanitary sewer fee that is to be charged, in addition to any capacity or commodity charge, to any real property having impervious area, however slight, that is located inside the corporate limits of the City, regardless if served by direct connection or not to the City's sanitary sewer system or to a separate storm sewer, and to any real property that is located outside the corporate limits that is utilizing the City's sanitary sewer.

(d) Responsible Party for Payment.

(1) Under this section, the subsequent terms will be defined as follows:

A. Commercial property - Any property, whether privately or publicly owned, where such property is or was developed for, in full or in part, or on such property there is engaged, the business or activity of buying, selling, trading or exchanging products, goods, services, or crop, either for profit or not for profit. For the purpose of this definition, services include, but are not limited to the providing of education. Also, "commercial property" means any property not otherwise clearly fitting into the classification of residential or industrial property.

B. Common Ârea - Impervious areas on a premise such as driveways, private streets, parking lots and the like utilize by tenants, guests,

or owners.

C. Industrial property - Any property, whether privately or publicly owned, where such property is or was developed for, in full or in part, or on such property there is engaged, the business or activity of developing, manufacturing, constructing, producing or assembling any product, good, or service either for profit or not for profit.



- D. Impervious surface Surfaces on or in a lot or parcel of real property that substantially reduces the rate of infiltration of storm water into the earth.
- E. Residential property Any single-family unit, whether privately or publicly owned, standing alone or contained within a multiple-family dwelling or mixed-use building. This includes, but is not limited to, containment within duplex units, condominium units, apartment units, manufactured homes and the like. This also includes residential dwellings upon manufactured home communities or courts.
- (2) For residential, commercial and industrial properties where the overflow abatement charge is applicable pursuant to subsection (c) hereof, the party that will be assessed and deemed responsible for the overflow abatement charge will be determined utilizing utility billing information for such property. The City will determine the responsible party for payment as being the party contracting for any City utility service on said premises. The primary contracted utility service to be used for identifying the responsible party for payment will be the water meter utilized by the City for billing purposes. Responsible parties for payment for properties without individual water meters, such as where master meters are used, will be identified utilizing other identifiable City utility services, such as electric meters. In the case of commercial and industrial property, where no such contract or meters exists, then the owner of the property, as identified by property tax records found in the office of the Henry County (Ohio) Auditor, will be charged as the responsible party for payment. In the event that impervious areas exist in common areas, the owner of the common areas shall be the responsible party for payment of those common areas.
- (e) <u>Rate.</u> An overflow abatement charge, charged in addition to the capacity and commodity charge, is assessed monthly where the overflow abatement charge is applicable pursuant to subsection (c) hereof. The overflow abatement charge will incorporate a fee to serve as a just and equitable contribution to the overflow abatement resolution and is calculated to reflect the estimated amount of stormwater runoff created by such properties.

The City has calculated the average impervious surface of a single-family residential property within the City to be 3009 square feet. For purposes of calculating the water abatement charge, one Equivalent Residential Unit ("ERU") shall herein be equal to 3009 square feet of impervious surface.

Each residential property where the overflow abatement charge is applicable pursuant to subsection (c) hereof, shall be assigned one ERU. The fee schedule for residential properties is as established in this subsection (e).

The total number of ERU's of each commercial or industrial property where the overflow abatement charge is applicable pursuant to subsection (c) hereof, shall be calculated by determining the total square footage of impervious surface on each such property and dividing that total by 3009. In no case shall any commercial or industrial property have an ERU of less than one. The fee schedule for commercial and industrial properties is as established in this subsection (e).



The total square footage of impervious surface shall be measured by the City based on the records of the City Engineer, or through field examination or photo grammetric analysis; provided, however, that the owners of properties which are proposed for subdivision and/or development after the date of the adoption of this section shall include on all preliminary plan and final plan drawings submitted to the City in connection with the plan approval process, a certification as to the total square footage of impervious surface to be located on the property upon its development. Impervious area, as ascertained in this section shall be reported to the Utility Department, including any known changes thereto.

Regardless of any provision to the contrary, the Napoleon City area school district may, solely for the purpose of this overflow abatement charge, have all properties that are utilized for

public education aggregated as one.

Effective with the first billing cycle in January in the year 2007, to be reflected in the January 1st billing of the year 2007, and for each billing cycle thereafter, the following rate structure shall be charged monthly as follows:

### Residential Property

Inside Corporation Limits: \$ 9.50 Outside Corporation Limits: \$14.25

### Commercial and Industrial Property

Tier ERU*	Inside		
Corp. Limit	Outside		
Corp. Limit			
Less than	3.0	\$ 9.50	\$14.25
One	3.0 - 8.9	\$ 20.00	\$ 30.00
Two	9.0 - 16.9	\$ 48.00	\$ 72.00
Three	17.0 - 26.9	\$ 90.00	\$135.00
Four	27.0 - 47.9	\$134.00	\$201.00
Five	48.0 - 89.9	\$248.00	\$372.00
Six	90.0 and above	\$330.00	\$495.00

<sup>\*</sup> ERU is calculated to the nearest one-tenth.

### (f) Credit and Reduction.

(1) Commercial and industrial properties - Runoff is dramatically increased by the impervious surfaces created by development, such as buildings and pavement; however, some commercial and industrial properties where the overflow abatement charge is applicable pursuant to subsection (c) hereof have facilities on-site that reduce the amount or intensity of storm water that is discharged to the City's storm water collection system. In order to be equitable and encourage future detention or retention to eliminate overflow conditions, these properties may be granted a reduction of up to eighty percent (80%) of their calculated ERU's, subject to approval of an application made by the responsible party for payment to be submitted to the City Utility Department to be approved by the City Manager. In the case of multiple responsible parties for payment applying for credit in regard to common detention or retention, the City Manager may prorate said credit at any time.

931.12

Multiple-level building reduction - In the case of multiple-level, multipleunit buildings that contain at least one single family unit wherein one or more single family units occupy some or all of the space above or below another residential, commercial, or industrial unit, the responsible party for payment, as it applies to only the residential portion, may be granted a reduction of up to fifty percent (50%) of the overflow abatement charge, subject to approval of an application made by the responsible party for payment to the City Utility Department and approved by the City Manager.

Appeal. (g)

(2)

Commercial and industrial properties - If a responsible party for payment feels that said responsible party for payment is entitled to credit or greater credit than conferred pursuant to subsection (f)(1) hereof, the responsible party may appeal to the City Manager, in writing, to see if a credit or greater credit is warranted. Appeals should be made in accordance with the established policies and procedures of the Water and Sewer Rules, Rule 26. The appeal must provide a discussion of the reason for the credit or additional credit, documentation, including hydraulic calculations, and must be in conformance with the City's engineering standards. No more than an eighty percent (80%) ERU credit will be given to any commercial or industrial property.

Multiple level buildings - If a responsible party for payment feels that said (2)responsible party is entitled to a reduction in fees, pursuant to subsection (f)(2) hereof, the responsible party may appeal to the City Manager, in writing, to see if a reduction is warranted. Appeals should be made in accordance with the established policies and procedures of the Water and Sewer Rules, Rule 26. No more than a fifty percent (50%) reduction in the

overflow abatement charge will be given to any residential unit.

Subject to approval of application by the City Manager, a responsible party (3)may be granted such credit or reduction in fees retroactively for up to sixty days prior to the application submission date, but the credit or reduction is not to precede the effective date of this section.

- Conflict with Rules for Water and Sewer Service. Where a conflict arises between this section and the Rules for Water and Sewer Service, this section shall control.
- Notwithstanding any provision to the contrary, all buildings and land owned by this municipality are exempt from the overflow abatement charge; moreover, any overflow abatement charge billed to this municipality is exempt from collection. (Ord. 023-07. Passed 3-19-07.)

### 931.99 PENALTY.

The following penalties are enacted for violations of the City of Napoleon Rules for Water and Sewer Service:

Any person found violating Rules 26.1 (A-1), (A-2), or (A-3); 26.2; 26.6; 26.7; (a) 26.9; 26.11(A-2); 26.13 or 26.16 shall be deemed guilty of a misdemeanor of the first degree and the penalties as contained in Section 501.99 of the Codified Ordinances of the City of Napoleon, Ohio shall apply. Each day a violation continues constitutes a separate violation.



### City of NAPOLEON, OHIO

255 W. Riverview Avenue, P.O. Box 151 Napoleon, Ohio 43545-0151 Website: www.napoleonohio.com

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Phone: (419) 599-1235 Fax: (419) 599-8393

COUNT NUMBER SERVICE ADDRESS	
PERRY ST	- Control of the Cont
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Please Return Upper Portion with Paymon. Do Not Staple Check to Utility Bill

ACCOUNT NUMBER	
BILLING DATE	08/01/2014
DUE DATE	08/18/2014
PAY <b>NET AMOUNT &gt;</b> On or Before Due Date	\$199.80
GROSS AMOUNT, if Paid After Due Date	\$219.79

PAY NET AMOUNT on or before DUE DATE. After DUE DATE pay GROSS AMOUNT. Make Checks Payable to: CITY OF NAPOLEON



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AV	ME	SERVIC	EADORESS	Account Number
			PERRY ST	DUE DATE
previous read date 06/06/2014	GURRENT READ DATE 07/07/2014	DAYS OF USE 31	08/01/2014	08/18/2014
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This service Address is one (1) structure with six(6) separate Rental Units.

THE REVERSE SIDE FOR ADDITIONAL INFORMATION, PENALTY CHARGES ADDED IF NOT PAID BY DUE DATE (GROSS AMOUNT), the subject to disconnection if Empaid. A charge in THE TIGHTO PENALTY WILL BE ADDED TO RECONNECT SERVICE. WINDLE TO RECEIVE BILL DOES NOT EXCUSE PENALTY.

Labor Day Refuse & Recycling Schedule for the week of Sept. 1 - 5, 2014: Monday, Sept 1 - Holiday No Pick Up, Tuesday, Sept 2 - Monday's route,

routes, Friday, Sept 5 -as normal. Please call 419-599-1891 with questions. Efficiency Smart is making appliance recycling even more rewarding for Residential customers. Schedule a FREE pick-up of a working refrigerator or

freezer by August 31 and you'll receive \$60 for recycling your unit. Call

855-695-5296 or visit efficiencysmart. org to schedule. July 1st, Time Warner has officially switched all public service channels (5) over to HD channels. If you cannot view these channels contact TW for 2 free boxes.

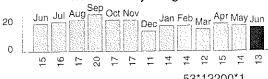
Wednesday, Sept 3 - Tuesday's route, Thursday, Sept 4 - Wednesday & Thursday

20-22000	PAY NET AMOUNT →	\$199.80
	Bill PAST DUE If Paid After - 08/18/2014	
	Then Pay GROSS AMOUNT of	\$219.79

### Electric History Usage

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Water History Usage



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### City of NAPOLEON, OHIO

255 W. Riverview Avenue, P.O. Box 151 Napoleon, Ohio 43545-0151

Phone: (419) 599-1235 Fax: (419) 599-8393 Website: www.napoleonohio.com





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ACCOUNT NUMBER	
BILLING DATE	08/01/2014
DUE DATE	08/18/2014
PAY <b>NET AMOUNT →</b> On or Before Due Date	\$19.01
GROSS AMOUNT, if Paid After Due Date	\$20.92

Please Return Upper Portion with Payment. Do Not Staple Check to Utility Bill

PAY NET AMOUNT on or before DUE DATE. After DUE DATE pay GROSS AMOUNT. Make Checks Payable to: CiTY OF NAPOLEON

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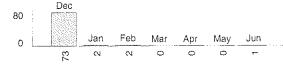
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PAY NET AMOUNT →	\$19.01
Bill PAST DUE If Paid After - 08/18/2014	
Then Pay GROSS AMOUNT of	\$20.92

Labor Day Refuse & Recycling Schedule for the week of Sept. 1 - 5, 2014: Monday, Sept 1 - Holiday No Pick Up, Tuesday, Sept 2 - Monday's route, Wednesday, Sept 3 - Tuesday's route, Thursday, Sept 4 - Wednesday & Thursday routes, Friday, Sept 5 -as normal. Please call 419-599-1891 with questions. Efficiency Smart is making appliance recycling even more rewarding for Residential customers. Schedule a FREE pick-up of a working refrigerator or freezer by August 31 and you'll receive \$60 for recycling your unit. Call 855-695-5296 or visit efficiencysmart. org to schedule. July 1st, Time Warner has officially switched all public service channels (5) over to HD channels. If you cannot view these channels contact TW for 2 free boxes.

### **Electric History Usage**



### Water History Usage



### 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:** July 8, 2014

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, September 8<sup>th</sup> at 7:30 PM, has been CANCELED due to lack of agenda items.

City of Napoleon, Ohio

### BOARD OF ZONING APPEALS

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

### Meeting Agenda

Tuesday, September 9, 2014 at 4:30 PM

- 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 14-02 11 Lakeview Drive Front Yard Setback Variance

An application for public hearing has been filed by Dennis Spangler, 11 Lakeview Dr., Napoleon, Ohio. The applicant is requesting a variance to decrease the current front yard setback of 75 feet to 60 feet to place a 10'  $\times$  16' shed in front yard of their residence. The property is located in an R-1, Suburban Residential zone. The request is pursuant to City Code Chapter 1147.

BZA 14-03 1009 W. Washington Street Side Yard Setback Variance

An application for public hearing has been filed by Dave Rohrbaugh, 1009 W. Washington St., Napoleon, Ohio. The applicant is requesting a variance to reduce the current side yard setback of 7' to 4'- 8" for the construction of a 2'- 6"x 7' bump out addition to the side of their residence. The property is located in an R-2, Low Density Residential District. The request is pursuant to City Code Chapter 1147.

- V. Closing Remarks
- VI. Adjournment

Gregory J. Heath, Finance Director/Clerk of Council

### City of Napoleon, Ohio

### **BOARD OF ZONING APPEALS**

### **Meeting Minutes**

Tuesday, August 12, 2014 at 4:30 PM

BZA 14-01 23 Lakeview Dr. Rear Yard Setback Variance

**Board Members City Staff** 

Recorder

Others

**ABSENT** 

**Board Members** 

Call To Order

**Minutes Approved** 

BZA 14-01: 23 **Lakeview Drive** 

**Background On BZA 14-01** 

**Research And** Information

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

Tom Zimmerman, Zoning Official

Tammy Fein

Steve Small

Barry Behnfeldt; John Helberg; Don Mikolajczak

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

Minutes from December 10, 2013 stand approved as read with no objections or corrections.

An application for public hearing has been filed by Barry Behnfeldt, 23 Lakeview Drive, Napoleon, Ohio. The following two (2) variances are needed before a Zoning permit can be issued for the proposed construction at 23 Lakeview Drive:

- 1. To decrease the current rear yard setback of twenty (20) feet as allowed by City code section 1147 to zero (0) feet so the roof line for a three-season room can be extended over the existing concrete patio to the rear property line; and
- 2. To decrease the current rear yard setback of ten (10) feet as allowed by City code section 1147 to zero (0) feet so an inground swimming pool can be installed to the rear property line.

Zoning Official Zimmerman stated that this property is located in an R-1, Suburban Residential Zone, adding the following information:

- 1. The rear yard setback for a residence in an R-1 Zone is twenty (20) feet; a concrete patio that is not covered and is not part of the structure can be built to the property line;
- 2. The concrete patio and landscaping behind the Behnfeldt's residence is already built to the rear property line. The two (2) posts for the three-season room are proposed to be placed on the existing concrete retaining wall that is currently on the property line. The three (3) exterior walls for this room will be open and this will be a roof only;
- 3. The rear yard setback for a pool in an R-1 Zone is ten (10) feet. A triangle shaped pool is proposed to be built up to the rear property line; and
- 4. The two requested variances could be reviewed together but can be approved or denied individually by a separate motion for each.

**Submittal Of Evidence Swearing In:** 

Photos of the property were submitted as evidence.

Chairman McLimans swore in Barry Behnfeldt.

### Behnfeldt

### **Testimony**

Behnfeldt stated that his objective with this project is to cover the forty (40) year old concrete that is currently in place with the new patio, along with adding an open beam three-season room that will have two (2) beams to support it and it will be attached to the home. Behnfeldt stated that, after speaking with Don Mikolajczak, they agreed that the pool will be set closer to the residence than originally planned to create a five (5) foot setback, and will not come within five (5) feet of Mikolajczak's property, meaning that any potential erosion will be contained to and maintained on Behnfeldt's property. Behnfeldt stated that the three- season room setback will remain at zero (0) feet.

John Helberg, 21 Lakeview Drive, stated that there is a common property on the other side of the property line that the pool will set on; Behnfeldt added Helberg sold his shares of the common property to the Mikolajczaks so they could have access to the lake. Behnfeldt added that the Association only pays for chemicals to keep the water maintained. Dill asked if there would be a difference in the building code if the three-season room was enclosed instead of open as currently requested; Zimmerman stated there is a three (3) foot deep foundation, and a Fire Rated Variance would be required if the room were enclosed in case of any potential future construction around it, but this would not be the case in this instance; adding that the wood deck will go from the property line to the residence. Behnfeldt stated that some of the wall had settled, and the contractor found the most secure place to install the support beams, and the support beams are on an existing wall.

### Swearing In: Mikolajczak

Chairman McLimans swore in Don Mikolajczak.

### **Testimony**

Mikolaiczak stated his concerns regarding the flooding of the area over his property line; adding that it has done so three (3) times since he has lived there, and at one point the flooding caused Helberg's and Behnfeldt's docks to be underwater. Mikolajczak stated that he had put stone down to slow the erosion to the lake, however the stone eroded away and the water got within approximately two (2) inches of his bridge and washed away his dock, and he also had a plastic type raft that was pushed away by the floodwater. Mikolajczak stated that the lake has been dredged due to flooding, and he is concerned that the concrete wall will cause any floodwater to be pushed down further before it intensifies and erode more at his property line. Mikolajczak believes that the area around the pool will erode as well, adding that he was told by Zimmerman that this will not make a significant difference to the lake, however Zimmerman didn't know about the flooding. Mikolajczak received a letter from FEMA in 2011stating that his residence was located in a flood plain, and the area had been identified as a 'special flood hazard area with a 26% chance over a thirty (30) year time period that the area could flood'. Mack asked if Mikolajczak was in agreement with the five (5) foot setback for the pool; Mikolajczak stated he would "have to live with whatever is decided"; Mikolajczak restated his concern regarding the flood plain letter from FEMA. Zimmerman stated that an inground pool must be surrounded by a four (4) foot barrier per the Building Code, and Zimmerman has informed Behnfeldt that he will measure the barrier after it is constructed; the barrier will be closed with a gate that latches and locks. Mikolaiczak is concerned about the concrete wall that will be installed in the construction of the pool.

Zimmerman reminded the Board that he is the Flood Plain Administrator for the City,

and he cannot allow the construction of anything that could cause damage if the area flooded; adding that the constructed items will be elevated to be built above the flood plain. Mikolajczak researched this issue and believes that a swimming pool cannot be built in a flood plain in many places; adding that this construction will alter the existing dyke.

Helberg stated that there is an interceptor sewer in the subdivision, located at Oberhaus Creek.

Dill asked Mikolajczak if his only opposition to the approval of the variances is the swimming pool; Mikolajczak replied yes, his only opposition is to the concrete wall running along the side of the swimming pool. Mikolajczak added that the farmers are adding more drainage pipe and he is concerned about that adding to the future flooding issues as well.

McLimans stated that the flooding is a bigger issue than what this project will affect, and all parties have agreed to the five (5) foot setback. McLimans suggested bringing the flooding issue concerns before City Council.

Sans asked if this five (5) foot setback would prevent people from being able to walk around the beach; Behnfeldt stated no, this will not restrict any walkway to the beach. Behnfeldt stated that the pool will act as its own barrier and will be at least four (4) feet high, and the only two (2) access points will be at the deck and will be fenced off with a locked gate to control the access.

Motion To Approve BZA 14-01 As Written With A Five (5) Foot Setback For The Pool And A Zero (0) Foot Setback For The Three-Season Room Motion: Dill Second: Mack

To approve BZA 14-01 as presented with a five (5) foot setback for the inground swimming pool, and keeping the setback at zero (0) feet for the roof of the three-season room

Passed Yea- 4 Roll call vote on above motion: Yea – McLimans, Dill, Sans, Mack

Nav –

Nay- 0

Adjournment

Motion: McLimans

To adjourn the meeting at 5:11 pm

**Passed** 

Motion approved by unanimous voice vote.

Date

Robert McLimans, Chair

### Memorandum

To: Planning Commission, Council, Mayor, City Manager, City Law Director, City

Finance Director, Department Supervisors, Media

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

**Date:** 9/4/2014

Re: Planning Commission Meeting Cancellation

The Planning Commission meeting regularly scheduled for Tuesday, September 9<sup>th</sup> at 5:00 PM has been CANCELED due to lack of agenda items.

September 5, 2014

### AMP to hold special event – Economic Development Finance Summit

By Bob Trippe – senior vice president & CFO

AMP will be hosting an Economic Development Finance Summit on Thursday, Oct. 9, at AMP headquarters, 1111 Schrock Road, Columbus, OH 43229. The day will begin with a time for networking as well as a continental breakfast.

Attendees can look forward to the following speakers and topics being presented:

- John Minor, president and chief investment officer from Jobs Ohio –
   State of Ohio Economic Development Initiatives
- Mark Beauchamp, president of Utility Financial Solutions Utilizing economic development rates as well as best practices
- Tom Luebbers, Dinsmore & Shohl Community Improvement Corporations
- Tom Wilson, Dinsmore & Shohl Use of Economic Development Bonds
- Tim Long, Long Economic Development Advisors Municipal financing options, including TIFs, PACE (Property Assessed Clean Energy Bonds), Port Authority Lease financing, Special Assessment projects, and New Community Authorities
- Stratford Shields, RBC Capital Markets Refinancing outstanding debt for interest rate savings, as well as using those savings for strategic business purposes and other possible sources of financing
- Randy Corbin, AMP assistant vice president of energy policy and sustainability – AMP Economic Development, and an overview of AMP Business Development and the new AMP website
- David Goodman, director of Ohio Development Services Agency (DSA)
   Overview of DSA and available financing, incentives and programs

We look forward to seeing everyone here. Please RSVP to either Joe Regan, <u>jregan2@amppartners.org</u>, 614.540.6913; or Chris Deeter at 614.540.0848 or <u>cdeeter@amppartners.org</u>.

### Prices drop as summer comes to an end

By Craig Kleinhenz – manager of power supply planning

The end of summer is in sight as this week looks to be the end of 90 degree weather for the year. This mild summer has helped the amount of natural gas in storage recover from the harsh winter. Storage levels are now only 15 percent below normal compared to 54 percent in April.

October natural gas is currently trading down \$0.22/MMBtu from last week, finishing yesterday at \$3.82/MMBtu. 2015 on-peak electric prices dropped \$0.34/MWh from last week with AD Hub closing at \$44.77/MWh.

### APPA webinar series covers OSHA revisions

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

A series of four webinars will be offered by the American Public Power Association (APPA) Academy as an overview of the recently revised rules by the Occupational Safety and Health Administration's (OSHA) for electric generation, transmission and distribution.

Please note that this webinar series by APPA is separate from the webinar series offered by AMP. The following is a list of upcoming events:

APPA Webinar Series (available for the \$89 member rate): For more information or to register, please visit www.publicpower.org.

- 2 to 3:30 p.m. Sept. 17: Host Employer/ Contractor Information Transfer and General Training
- 2 to 3:30 p.m. Oct. 30: Fall Protection
- 2 to 3:30 p.m. Nov. 10: Arc Protection and Flame-Resistant Clothing
- 2 to 3:30 p.m. Dec. 16: Minimum Approach Distance

AMP Webinar Series (free for members): For more information on the remaining three AMP webinars, please contact me at <a href="mailto:mpalmer@amppartners.org">mpalmer@amppartners.org</a> or 614.540.0924. A recording of the Sept. 4 webinar on Host/Contractor Provisions will be posted on the Member Extranet.

- 10 a.m. Oct. 2: Minimum approach distance and arc flash hazard analysis
- 10 a.m. Nov. 6: Fall Protection
- 10 a.m. Nov. 13: General Training

### **AFEC** weekly update

By Craig Kleinhenz

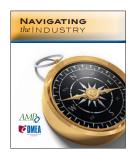
This week AFEC continued the streak of being online during most on-peak days and offline over the weekend. Last Friday the plant was offline overnight and at base maximum levels during the daytime hours.

The plant was then dispatched offline for the holiday weekend. The plant came online Tuesday morning and returned to the normal off at night, at base max during the day through yesterday. Duct burners were used 18 hours this week, mostly during Wednesday and Thursday afternoon and evening. The plant ended the week with a capacity factor of 29 percent (based on a plant rating of 675 MW).

# AMP/OMEA Conference features sessions to help navigate the complexities of energy industry

The 2014 AMP/OMEA Conference is fast approaching – Oct. 27-30 at the Hilton Columbus at Easton, 3900 Chagrin Dr., Columbus, OH.

Registration information is available on the home page of the <u>AMP website</u>, as is hotel reservation information. Printed copies of the



registration brochure have been mailed, but conference attendees are strongly encouraged to register online.

The 2014 conference features diverse programming with sessions that will help attendees to better navigate the complexities of the energy industry. As in past years, there will be three concurrent session tracks: Power Supply/Risk, Financial/IT, and Technical/Sustainability. General sessions, recaps of projects and issues, and legislative updates are some of the many opportunities available.

There will be three options for breakfast sessions on Tuesday, Oct. 28:

- Opening Breakfast (open to all) AMP, OMEA and Public Power "Jeopardy." Attendees of this session will have the chance to put their industry and AMP knowledge to the test with a Jeopardy-style trivia game.
- **Superintendents Breakfast** (open to all) *Trends in Safety.* Help raise the bar for safety during this presentation.
- **Solar Participants Meeting & Breakfast** (open only to project participants and invited guests)

If you need additional information regarding conference registration, please contact Manager of Communication Programs Karen Ritchey at <a href="mailto:kritchey@amppartners.org">kritchey@amppartners.org</a> or 614.540.0933.



### **News or Ads?**

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

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

Week end	ling Sept. 5					
MON	TUE	WED	THU	FRI		
\$34.08	\$39.11	\$41.26	\$43.54	\$43.23		
Week end	ling Aug. 29					
MON	TUE	WED	THU	FRI		
\$42.60	\$43.25	\$38.58	\$36.72	\$36.89		
AED/Dayton 2015 Ev16 price as of Sept 5 \$44.77						
AEP/Dayton 2015 5x16 price as of Sept. 5 — \$44.77						
AEP/Dayton 2015 5x16 price as of Aug. 29 — \$45.11						

### Nominations sought for OMEA Board, Honorary Members

As a reminder, the OMEA Board of Directors is seeking nominations for the four expiring Board seats (Dover, Pioneer,



Cuyahoga Falls and Wadsworth). OMEA is also accepting recommendations for 2014 OMEA Honorary Members.

Nominations for the OMEA Board and Honorary Members should be submitted by Sept. 8 to any member of the OMEA Board nominating committee: Bryan Mayor Douglas Johnson (<a href="mayor@cityofbryan.com">mayor@cityofbryan.com</a>), Oberlin Council Member Scott Broadwell (<a href="mayor@cityofbryan.com">hstorogenetarion</a>), New Bremen Village Administrator Wayne York (<a href="mayor@nbadmin@nktelco.net">nbadmin@nktelco.net</a>), and St. Clairsville Mayor Robert Vincenzo at <a href="mayor@stclairsville.com">stcmayor@stclairsville.com</a>; or to Jolene Thompson, OMEA executive director (614.540.1111 or <a href="mayor@amppartners.org">thompson@amppartners.org</a>).

For more information on the OMEA Board nominations, please review the July 18 issue of *Update*.

### Deadline for 2014 AMP Awards is Sept. 9

By Karen Ritchey - manager of communication programs

The deadline to nominate your municipal electric system for a 2014 AMP Award is Sept. 9.

AMP Awards packets were mailed last month to AMP and OMEA principal contacts. Nomination packet information and forms are also available on the Member Extranet section of the AMP website.

Award recipients will be recognized at the 2014 AMP/OMEA Conference this October in the following categories: Environmental Stewardship, Hard Hat Safety (individual), Innovation, Public Power Promotion, Safety (system), Seven Hats, and System Improvement awards. Information regarding the Finance Awards is for reference purposes only – the awards do not require a nomination form.

If you have any questions, please contact me at 614.540.0933 or kritchey@amppartners.org.

## Classifieds

### Oak Harbor seeks fiscal officer

The Village of Oak Harbor is accepting resumes for the position of fulltime Fiscal Officer. This position is appointed by the Mayor, with confirmation by the Village Council. The Fiscal Officer is responsible for, but not limited to, financial planning and management of all finance issues. The position is responsible for attending all council meetings and keeping official records of all Village Council proceedings. Knowledge of assessment projects, human resources and public records laws is desired. The preferred candidate should have at a minimum an associate's degree in accounting with at least five years experience in governmental cash basis fund accounting in a municipal setting.

Salary commensurate with qualifications and experience, plus benefits. Interested candidates should submit a cover letter, resume, salary history and professional references to Mayor William Eberle, 146 N. Church St., PO Box 232, Oak Harbor, OH 43449 or <a href="weberle@oakharbor.oh.us">weberle@oakharbor.oh.us</a> by 4:30 P.M., Sept. 22, 2014. A background investigation will be conducted for those applicants reaching final consideration. Questions regarding this position may be directed to the Fiscal Officer or Village Administrator at 419.898.5561. Position description is available upon request. EOE

### Danville Utilities Department has two positions available

The City of Danville Utilities Department is seeking candidates for two positions. For more information and to apply online, please visit <a href="www.danville-va.gov">www.danville-va.gov</a>. Both positions will remain open until filled. Equal Opportunity Employer.

**Electric Substation Superintendent:** An experienced candidate is needed to perform administrative and expert technical support for the Substation and Meter department as well coordinating the dispatch/control of power supply. Ability to read, understand, and interpret financial reports and/or legal documents is required. Qualified candidates must have broad knowledge in a general professional or technical field or a bachelor's degree in related field. Possession of valid driver's license is required. Starting salary range: \$56,993 - \$68,391/annual.

**Key Accounts Manager:** A qualified professional is needed to manage major accounts, administer energy efficiency programs; coordinate customer information and education activities, promote service offerings, and participate in budgetary, accounting, and utility rate computations. Education and experience equivalent to a bachelor's degree in engineering, business marketing, or other related field and extensive experience preferred in marketing, business retention, economic development or utility industry experience with large customers. Compensation pay range: \$51,345.00 - \$61,614.00/ DOQ.

### Tipp City seeks city engineer

The City of Tipp City, Ohio is seeking a highly qualified individual to lead its Engineering & Service Departments. The ideal candidate will be a State of Ohio Registered Professional Engineer (PE) in civil engineering or related

field with at least five years progressively responsible municipal engineering and management experience, preferably in the State of Ohio.

Responsibilities include preparation of the department's annual operating and capital budgets; overseeing the Street, Park, and Engineering Departments, acts as LPA coordinator for ODOT projects, prepares RFP, RFQ, and technical specifications for projects, recommends equipment purchases, performs inspections, etc.

Salary range: \$75,785 to \$94,425 depending on experience and qualifications. Submit resume with cover letter to Bradley Vath, Acting City Manager, 260 S. Garber Drive, Tipp City, Ohio 45371-3116 or <a href="mailto:vathb@tippcity.net">vathb@tippcity.net</a>, until Sept. 26, 2014.

### AMP is accepting applications for plant operator, accountant

AMP is seeking candidates for the following positions. For more information and complete job descriptions, please visit the "Careers" section of the <u>AMP website</u> or email to Teri Tucker at <a href="mailto:tucker@amppartners.org">tucker@amppartners.org</a>.

For **Cannelton Plant Operator I**, qualifications include: a two- or four-year degree in mechanical or electrical engineering; or engineering technology degree and two years of experience in plant operations; or 3-5 years of experience in power plant operations and/or maintenance.

The **Accountant** position requires a bachelor's degree from an accredited university and a minimum of 3-5 years of relevant experience. CPA and proficiency with Oracle Payables E-Business Suite are preferred. Candidates should demonstrate an understanding of the internal control framework and tax, regulatory and legal requirements.

### St. Clairsville seeks lineworkers

The City of St. Clairsville has openings on its electric distribution crew for two lineworkers. The rate of pay depends on the candidate's education and/or experience. A Second Class or higher is the required level of knowledge, skills and abilities. The Civil Service Commission will review applicants and qualify them for interviews. A complete job description is available at <a href="https://www.stclairsville.com">www.stclairsville.com</a>.

Resumes should be mailed to: Director of Public Services, City of St. Clairsville, P.O. Box 537, St. Clairsville, OH 43950 or emailed to <a href="mailed-to-nedgar@stclairsville.com">nedgar@stclairsville.com</a>. Deadline is 3 p.m. Sept. 30, 2014.

### Opportunities open at Coldwater

The Coldwater Board of Public Utilities (CBPU) announces two new career opportunities: Network Technician and Advanced Network Technician. The CBPU is looking for experienced applicants to fill these roles in the telecommunications field.

For detailed job descriptions, please visit the website <a href="https://www.coldwater.org">www.coldwater.org</a>. To apply, qualified candidates should email a resume to <a href="mailto:resume@coldwater.org">resume@coldwater.org</a>. Applications will be accepted until Sept. 12, 2014.

### Fw: TMACOG September Big Picture newsletter

From: "Gregory J Heath" < gheath@napoleonohio.com> To: "Roxanne Dietrich" <rdietrich@napoleonohio.com>

09/05/14 08:23 AM

----Original Message-----

From: TMACOG <public.info@tmacog.org>

To: gheath@napoleonohio.com Date: 09/05/2014 08:15 AM

Subject: TMACOG September Big Picture newsletter





Volume 18 Issue No. 9 September 2014

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**EVENTLINE** September & October 2014 Web

### **FEATURE**

### "I see your JEDZ and MUD and raise you a TID"

JEDZ, FTZ, OEDC, MUD, CDG, TID\*, Behind the jargon and acronyms are valuable programs that can fit your community's economic development plans and assist your business community. Some programs may already be in place and underused. Learn about the available programs and evaluate them for your situation.

Wednesday, October 15 at 2 p.m.

(following the Board of Trustees meeting which begins at 1:30 pm) This TMACOG Tech session will be helpful for elected officials, economic development professionals, and jurisdictions interested in forming partnerships to foster regional economic development.

There is no fee to attend but please register by October 10. Contact Jennifer Allen, 419.241.9155 ext. 107.

\*Joint Economic Development Zone, Foreign Trade Zone, Ohio Economic Development Council, Municipal Utility District, Community Development Grant, Transportation Improvement District.

### TRANSPORTATION

**TIP Report** 

### **Upcoming Events**

#### Ohio Conference on Freight

September 18 & 19 at the Hyatt Regency, Columbus Contact: Christine Connell 419.241.9155

#### Student Watershed Watch-Testing Day

Wednesday, October 15, at waterways in various locations in northwest

Contact: Matt Horvat 419.241.9155 ext. 123

#### TMACOG Tech: I See your JEDZ and MUD and raise you a TID

Wednesday, October 15, 2 p.m., Grand Lobby of the Dr. Martin Luther King Jr. Plaza Contact: Jennifer Allen 419.241.9155 ext. 107

#### **Swan Creek Balanced Growth Best Practices** Workshop: **Options for Compact** and Conservation **Development**

Friday, October 17, 9 a.m. - 4 p.m., Grand Lobby of the Dr. Martin Luther King Jr.



Click <a href="https://example.com/here">here</a> to see a spreadsheet detailing transit projects that were awarded federal funding in Lucas and Wood counties in fiscal year 2014 (July 1, 2013 - June 30, 2014). Click <a href="https://example.com/here">here</a> to see a spreadsheet detailing all roadway (excluding transit) projects that had federal authorizations for funding in fiscal year 2014. This includes authorizations for new projects and funding obligation increases for projects that were authorized in a previous fiscal year.

In fiscal year 2014 federal money for transportation projects in these counties was approximately \$435.5 million. Of that, TMACOG is charged with the selection and funding of just over \$20.2 million. This figure includes the McCord Road grade separation which is being constructed by ODOT. These funds are administered through TMACOG's Transportation Improvement Program (the TIP). ODOT and Federal Highway Administration (FHWA) manage the balance of \$415.3 million for other projects. This list is federally funded projects only and does not include road projects funded separately by cities and villages. Many entities in our region - including local political jurisdictions, engineering and construction firms, ODOT, FHWA, and TMACOG - work cooperatively and in coordination to efficiently manage and successfully complete these transportation projects. For more information contact David Gedeon, 419.241.9155 ext. 125.

### **ENVIRONMENT**

### **TMACOG Members form Ad Hoc Committee**



The TMACOG Environmental Planning department has begun a review of the department and has asked that interested TMACOG members join in a process to make recommendations. "It's been a while since we looked at the things that we do and the things that we don't do," said Environmental Council Chair Ken Fallows....read more

Protecting Water Quality Through Resourceful Teamwork



The early August water emergency in the Toledo area has brought attention to the way local experts protect water quality in this region. TMACOG's four-person Environmental Planning staff is part of the region's web of professionals who work full-time to research and address water quality issues....read more

### **Urban Waters Grant**

TMACOG has secured a \$60,000 grant from the U.S. EPA to develop a green infrastructure plan to improve water quality and alleviate flooding pressure in Toledo's Junction Avenue neighborhood.

The Junction Avenue Project is updating a business district revitalization plan that was last updated in 1987. Junction Avenue is a central city neighborhood that has a significant amount of vacant property and abandoned structures. The updated plan will guide future improvements in the area.

TMACOG Stormwater Planner Kari Gerwin said, "Many green infrastructure projects are built in new developments with lots of room or in rural areas where stormwater cannot be piped away. There is great need and great opportunities for green infrastructure within a built up urban environment. The plan will add beauty and natural areas while reducing flooding which results from overcharged sewers."

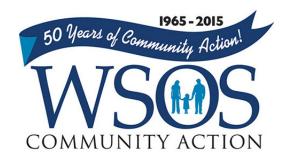
The partnership working on the project includes elected officials in the City of Toledo, the University of Toledo Urban Affairs Center, the Lucas County Land Reutilization Corporation (Land Bank), the Arts Commission, and the TMACOG Stormwater Coalition. TMACOG will facilitate the project advisory committee, conduct GIS analysis, and develop the Junction Avenue Green Infrastructure Master Plan document. The document will include a narrative plan and designs to illustrate the goals for increasing greenspace and green infrastructure. When it's complete, the Junction Avenue Project group can provide the document to the City of Toledo Plan Commission for official adoption.

### **Case Study: Oregon Bioretention Cells**

In the South Recreation Complex of the City of Oregon, construction has begun on a pilot project that will use bioretention cells to manage stormwater in a parking area. The area has no access to storm sewers so water must be managed where it falls. Up to now, the parking lot has used catch basins that direct rain water directly to Wolf Creek...read more

### **MEMBER NEWS**

**50 Year Anniversary for WSOS** 



Congratulations to TMACOG member WSOS Community Action which is celebrating 50 years of services in the TMACOG region. In 1964, Seneca, Ottawa and Sandusky counties formed the SOS Community Action agency coordinate a wide range of public services. Wood County joined the next year and the agency became WSOS. In recent years, WSOS has expanded its work to Hancock and Lucas counties. The program was initially funded through President Lyndon Johnson's "War on Poverty" which sought to build self-sufficiency and reduce poverty. WSOS provides Head Start and other early childhood programs, rural community assistance with water and road projects, employment training, home rehabilitation, and foreclosure prevention services. For more information about services call 800.775.9767.

### **Back to Top**





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#### **Unsubscribe**

		PAYROLL SE	PTEMBER 5, 201	4		
	Current Pay	Current Pay	Current Pay	YTD	YTD	<u>YTD</u>
<u>Department</u>	Regular	<u>Overtime</u>	Gross Pay	<u>Regular</u>	<u>Overtime</u>	Gross Pay
City Council/Legislative	\$0.00	\$0.00	\$0.00	\$21,939.18	\$0.00	\$21,939.18
Speical Projects Clerk	\$1,628.40	\$0.00	\$1,628.40	\$21,169.16	\$0.00	\$21,169.16
Mayor/Executive	\$527.57	\$0.00	\$527.57	\$9,496.11	\$0.00	\$9,496.11
City Manager/Administration	\$5,511.33	\$0.00	\$5,511.33	\$166,772.86	\$0.00	\$166,772.86
Human Resource	\$1,523.54	\$0.00	\$1,523.54	\$27,423.72	\$0.00	\$27,423.72
Law Director/Administration	\$4,458.86	\$0.00	\$4,458.86	\$82,858.03	\$0.00	\$82,858.03
Finance/Administration	\$10,524.58	\$107.84	\$10,632.42	\$191,143.86	\$2,967.82	\$194,111.68
Finance/Income Tax Department	\$3,213.32	\$0.00	\$3,213.32	\$60,750.91	\$2,463.37	\$63,214.28
Finance/Utility Billing Collection	\$2,959.34	\$96.35	\$3,055.69	\$57,604.39	\$1,388.07	\$58,992.46
Management Information System	\$3,158.17	\$0.00	\$3,158.17	\$56,619.68	\$0.00	\$56,619.68
Engineering/City Engineer	\$7,702.41	\$990.52	\$8,692.93	\$142,534.75	\$4,083.41	\$146,618.16
Municipal Court/Judicial	\$14,452.31	\$0.00	\$14,452.31	\$247,552.00	\$0.00	\$247,552.00
Police Safety Services	\$40,492.56	\$843.49	\$41,336.05	\$741,353.53	\$23,083.00	\$764,436.53
Fire/Safety Services	\$20,960.77	\$1,157.77	\$22,118.54	\$419,275.30	\$17,962.56	\$437,237.86
Building & Zoning	\$3,032.11	\$0.00	\$3,032.11	\$54,399.76	\$0.00	\$54,399.76
Parks/Administration	\$2,901.17	\$0.00	\$2,901.17	\$54,293.18	\$0.00	\$54,293.18
Recreation/Golf Operating	\$5,642.86	\$0.00	\$5,642.86	\$79,263.35	\$0.00	\$79,263.35
Recreation/Pool Operating	\$0.00	\$0.00	\$0.00	\$33,930.52	\$0.00	\$33,930.52
Recreation/ Programs	\$6,552.32	\$504.71	\$7,057.03	\$95,909.24	\$10,210.48	\$106,119.72
Cemetery/Grounds	\$2,378.87	\$191.77	\$2,570.64	\$41,082.50	\$2,824.38	\$43,906.88
Streets Maintenance	\$6,788.54	\$242.94	\$7,031.48	\$123,368.58	\$3,234.14	\$126,602.72
Ice & Snow Removal	\$0.00	\$0.00	\$0.00	\$19,711.24	\$28,587.52	\$48,298.76
Service Storm	\$733.67	\$0.00	\$733.67	\$5,440.84	\$98.98	\$5,539.82
Service/Buildings, Properties	\$1,753.76	\$0.00	\$1,753.76	\$31,733.39	\$517.94	\$32,251.33
Service/Central Garage	\$4,098.86	\$15.06	\$4,113.92	\$70,703.60	\$2,904.23	\$73,607.83
Electric/Distribution	\$31,385.09	\$1,815.06	\$33,200.15	\$567,750.85	\$22,531.85	\$590,282.70
Water Treatment Plant	\$10,546.24	\$9.31	\$10,555.55	\$194,984.24	\$1,443.94	\$196,428.18
Water Distribution System	\$9,663.66	\$352.79	\$10,016.45	\$179,379.07	\$10,781.43	\$190,160.50
Sewer WWT Plant Operations	\$11,230.91	\$190.21	\$11,421.12	\$200,390.08	\$4,912.12	\$205,302.20
Sewer (WWT) Collection System	\$1,099.93	\$0.00	\$1,099.93	\$19,798.66	\$0.00	\$19,798.66
Sewer Cleaning & Improvement	\$3,811.29	\$178.84	\$3,990.13	\$56,722.85	\$4,360.08	\$61,082.93
Sanitation Collection & Disposal	\$3,762.41	\$0.00	\$3,762.41	\$64,341.56	\$929.74	\$65,271.30
Sanitation Special Refuse Service	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sanitation Recycling Programs	\$3,238.08	\$0.00	\$3,238.08	\$31,197.40	\$1,941.80	\$33,139.20
TOTAL GROSS PAY	\$225,732.93	\$6,696.66	\$232,429.59	\$4,170,894.39	\$147,226.86	\$4,318,121.25
TOTAL GROSS PAY 9-6-13	\$235,548.49	\$6,927.90	\$242,476.39	\$4,052,140.19	\$150,349.32	\$4,201,658.64



## Legislative Bulletin

### Ohio Municipal League Legislative Bulletin

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**Committee Schedule** 

September 5, 2014

### DEPARTMENT OF TAXATION RELEASES REVENUE DISTRIBUTION FIGURES

The Ohio Department of Taxation's Revenue Accounting Division recently released the updated 2015 Public Library Fund (PLF) and Local Government Fund (LGF) distribution amounts for Ohio's 88 counties and the political subdivisions that are included within them. The information is accessible through: <a href="http://www.tax.ohio.gov/government/ohiodepartmentoftaxation.aspx">http://www.tax.ohio.gov/government/ohiodepartmentoftaxation.aspx</a>. There is an addition web address through the Department of Taxation that we would like to bring to your attention, if you are interested in looking at all of the revenue distribution sources available through the state and amounts that have been released by a particular tax or fund. That address can be found here: <a href="http://www.tax.ohio.gov/Government/distributions.aspx">http://www.tax.ohio.gov/Government/distributions.aspx</a>.

### STATE FIRE MARSHAL BUREAU of UNDERGROUND STORAGE TANK REGULATION (BUSTR) OFFERING ZERO INTEREST LOANS

The Division of State Fire Marshal's Bureau of Underground Storage Tank Regulation (BUSTR) is offering zero interest loans to any political subdivision, including Community Improvement Corporations, for the purpose of beginning, continuing, or completing the removal, assessment, or corrective action related to underground storage tanks located within that political subdivision's geographic boundaries. Through the loan opportunity, a grant is available to assist with the implementation of the statewide emergency radio system, MARCS, with the grant being available to fire departments that serve 25,000 or less.

The link to the description of the loan and the application with deadline and other helpful information can be found at: <a href="http://www.com.ohio.gov/fire/grants.aspx">http://www.com.ohio.gov/fire/grants.aspx</a>.

### OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM (OPERS) REQUESTS EMPLOYER INPUT

Below is a message from OPERS that we want to bring to your attention and encourage you to please respond to the important input request being made to employers regarding concerns that have been generated by the Governmental Accounting Standards Board (GASB) issuing of two exposure drafts affecting the financial reporting of other post-employment benefits (OPEB). These exposure drafts, as written, could have a serious negative financial impact on OPERS' participating employers. GASB is interested in hearing employer-specific

concerns. Please be aware this may be your last chance to provide feedback directly to GASB for the purpose of shaping the proposed standards

# **Employer input requested on GASB exposure drafts impacting OPEB**

### What's happening?

In June, the Governmental Accounting Standards Board (GASB) issued two exposure drafts affecting the financial reporting of other post-employment benefits (OPEB). These exposure drafts, as written, could have a serious negative financial impact on OPERS' participating employers.

OPERS is not in favor of these proposed standards because we do not believe they assign the responsibility for the financial liability appropriately for Ohio employers. We are working to ensure all employers understand the impact of these proposed standards and how we can work together to share our concerns about the proposed standards.

### About the exposure drafts

The two exposure drafts are revisions to GASB's OPEB Statements 43 and 45. GASB's perspective on the proposed statements is that they are intended to significantly improve financial reporting by state and local governments of other post-employment benefits (OPEB), such as retiree health insurance.

Similar to the new pension standards issued in 2012, these proposed OPEB standards would:

- Require state and local government employers to record a proportionate share of the health care unfunded liability in their financial statements, among other things.
- Standardize actuarial methods being used to calculate the health care liability.
- Provide additional guidance on setting the discount rate for projecting future health care liabilities.

As with the new pension standards, the proposed OPEB standards would represent a financial reporting impact only. The proposed standards do not have an impact on the funding of health care plans. One key difference between health care and pensions in Ohio is that health care is not a statutorily guaranteed benefit.

### **Employer Action Requested**

By Aug. 29, 2014, OPERS is encouraging all employers to:

• Contact GASB directly with your input by creating an organization-specific letter. We have created a <u>sample letter for you</u>. You'll see this letter details why OPERS is against the proposed standards as written. However, we know from

past experience that GASB gave more credence to employer specific letters than to form letters. We strongly encourage employers to write a tailored letter when contacting GASB.

• The deadline for input to GASB is Aug. 29, 2014. Send your letters to GASB at:

director@gasb.org, or

Director of Research and Technical Activities Project No. 34-1E Governmental Accounting Standards Board 401 Merritt 7, PO Box 5116 Norwalk, CT 06856-5116

• If possible, please cc OPERS on your letter to GASB so that we can cite employer input in our testimony during the comment period Sept. 10, 11, and 12, 2014. Please send via email to:

nmikola@opers.org

### Why this is important

Your input is vital. GASB is interested in hearing employer-specific concerns. Please be aware this may be your last chance to provide feedback directly to GASB for the purpose of shaping the proposed standards. Please review the available information via OPERS' website at <a href="www.opers.org">www.opers.org</a> and click on the Finance Section or you may want to read the exposure drafts in their entirety at <a href="www.GASB.org">www.GASB.org</a>. OPERS will be adding education sessions on these new proposed standards in early August.

Click here to view the sample letter

For a current listing of OPERS Board of Trustees, please visit the website at <a href="https://www.opers.org">www.opers.org</a>

Committee Schedule

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<u>2013</u>
2012

**2010** 

**2011**