Memorandum

To: Mayor & Members of Council

From: Jon Bisher/rd

Subject: General Information

October 11, 2013

CALENDAR

AGENDA – Electric Committee

Monday, October 14th @ 6:30 pm / with BOPA

- 1. Approval of Minutes the September 9th meeting minutes are enclosed.
- 2. *Review/Approval of the Electric Billing Determinants* enclosed are the "Billing Determinants for Billing Cycle October, 2013" reports.
- 3. Electric Department Report Dennie's reports from September 2013 are enclosed.
- 4. *New Energy Efficiency Contract for 2014-2016* Randy Corbin from AMP will be at the meeting to discuss this program.

MEETINGS CANCELLED

- 1. Water/Sewer Committee
- 2. Municipal Properties, Buildings, Land Use and Economic Development Committee

INFORMATIONAL ITEMS

- 1. Press Release/FALL FIRE HYDRANT FLUSHING PROGRAM/October 14-25, 2013
- 2. Press Release/2013 LEAF COLLECTION CURBSIDE VACUUMING
- 3. AMP Update/October 11, 2013
- 4. Ohio Municipal League (OML) BULLETIN/October 4, 2013

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Records Retention CM-11 - 2 Years

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Calendar

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Sunday 29	30	1	2	3	4	5
					BISHER - OFF/Afternoon	
6	7	8	9	10	11	12
	,	0	9	10		12
	7:00 PM City COUNCIL Meeting				BISHER - @ AMP	
	Meeting					
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	BISHER - Out Until 13:00					
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	6:30 PM Electric Commitee Board of Public Affairs (BOPA)					
	AV					
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	6:00 PM City Tree Commission	22	23	24	25	26
	6:00 PM City Tree Commission	22	23	24	25	26
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City of Napoleon, Ohio

ELECTRIC COMMITTEE

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

Meeting Agenda Monday, October 14, 2013 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 October: Generation Charge: Residential @ \$.07788; Commercial @ \$.09472; Large Power @ \$.05370; Industrial @ \$.05370; Demand Charge Large Power @ \$11.37; Industrial @ \$12.31; JV Purchased Cost: JV2 @ \$.03003; JV5 @ \$.03003
- Electric Department Report III.
- IV. New Energy Efficiency Contract for 2014-2016
- Any Other Items Currently Assigned to Committee ٧.

Gregory J. Heath, Finance Director/Clerk of Council

City of Napoleon, Ohio

ELECTRIC COMMITTEE

Meeting Minutes

Monday, September 9, 2013 at 6:30 PM

PRESENT

Members BOPA City Staff Patrick McColley – Acting Chair, Jason Maassel Keith Engler - Chair, Mike DeWit, Dr. David Cordes

Dr. Jon A. Bisher, City Manager Dennis Clapp, Electric Superintendent Trevor Hayberger, Law Director

Gregory J. Heath, Finance Director/Clerk of Council Scott Hoover, Water Treatment Plant Superintendent

Dan Wachtman, MIS Administrator

Recorder Others

News Media

ABSENT **Electric Committee**

Travis Sheaffer

Barbara Nelson

Call To Order

Acting Chairperson McColley called the meeting to order at 6:30 PM.

Approval Of Minutes

The August 12 meeting minutes stand approved as presented with no objections or corrections.

Review Of Billing Determinants

The electric billing determinants for September were presented for review. McColley asked why the cost for the solar field is 8.5 cents on the dot when other rates go to the 10/1000th of a decimal. Bisher said this is what members voted on. When we signed up, the price we agreed on was \$85 per meg or 8.5 cents. We don't know the price of RECs. Solar can be expensive energy until you get the debt service off of it. The members said we would pay 85 cents. The difference of what we are getting on RECs pays off the debt service. We put the debt on AMP's letter of credit. It should be paid off in 12-15 years, depending on the price of RECs. They charge us \$85.00 per meg and put the extra on the principal of the loan. That's why it's an exact number.

Cordes asked how long solar panels last. Bisher said we hope it will be 20-30 years and that we can pay it off in 12 years. The sooner we pay it off, the sooner we will have a profit.

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

To accept the BOPA recommendation for approval of electric billing

determinants for September 2013 as follows:

Generation Charge: Residential @ \$.08226; Commercial @ \$.09825; Large Power @ \$.05605; Industrial @ \$.05605; Demand Charge Large Power @ \$10.78; Industrial @ \$11.46; JV Purchased Cost: JV2 \$.04060;

JV5 @ \$.04060

Passed Roll call vote on above motion:

Yea- McColley, Maassel Yea-2 Nay-0 Nay-

Electric Department Report

Clapp gave the Electric Department Report (attached). Maassel asked why the peak load was at 9:27 PM on August 27. Clapp said that was unusual. One of the plants in the City could have been working overtime and had everything running at that time.

DeWit asked if we will show customers the rate levelization cost. Bisher said it will be on our wholesale bill, not the customer bills. Heath has a schedule based on \$35/meg that is different for each month. DeWit asked how we will know how much we are paying ahead. Bisher said we will see it as a wholesale power rate. DeWit said big customers' rate levelization overpayment will be considerable. Hayberger said our highest levelization payment is about \$90,000/month. Bisher said we are short on power in 2014 and have to go to market. We are lucky the market is low. We are capitalizing on that at a time when expensive hydros are coming on.

Motion To Adjourn

Motion: Maassel Second: McColley

To adjourn the meeting at 6:53 PM

Passed Yea-2

Nay-0

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

Nay-

Date

Patrick McColley, Acting Chair

	013 DATA BILLING								
<u> PREVIOUS MONTH'S POWER BILLS - PL</u>	JRCHASED POV	VER KWH AND	COST ALLOCA	TIONS BY DEN	IAND & ENERG				
<u>DATA PERIOD</u>	MONTH			DAYS IN MONTH		SYSTEM PEAK			
AMP-Ohio Bill Month	AUGUST, 2013			31		29,299			
City-System Data Month	SEPTEMBER, 2013			30					
City-Monthly Billing Cycle	OCTOBER, 2013			31					
(AMPGS	AMPGS	SALE TO			NAPOLEON	PRAIRIE STATE	NORTHERN	FREEMONT
PURCHASED POWER-RESOURCES -> (•	REPLACEMENT	TEA	AMP CT	NYPA		SCHED. @ PJMC &	POWER	ENERGY
	2013 5x16 @ AD	2013 7x24 @ AD	5x16 - 5x16 @ AD		SCHED. @ NYIS	SCHED. @ ATSI	REPLMT@ PJMC	<u>POOL</u>	SCHEDULED
Delivered kWh (On Peak) ->		5,208,000	-749,760	10,230	439,364	174,716	3,000,212	126,077	3,910,21
Delivered kWh (Off Peak) ->								234,141	
Delivered kWh (Losses/Offset) ->							145,034		
Delivered kWh (Credits) ->								-1,618,535	
Net Total Delivered kWh as Billed ->	1,760,000	5,208,000	-749,760	10,230	439,364	174,716	3,145,246	-1,258,317	3,910,21
Percent % of Total Power Purchased->	11.7420%	34.7455%		0.0683%	2.9312%	1.1656%	20.9837%	-8.3949%	26.0873
refeeling to a reliant error rate indicated a	777772070	011110070	0.002170	0.000070	2.001270	11100070	20.000770	0.00 10 70	20.00707
POWER - COSTS OF ENERGY, DEMAND, REACTIVE	, TAXES, FEES, CRE	DITS & OTHER AD	JUSTMENTS:						
DEMAND CHARGES (Debits)									
Demand Charges				\$22,940.00	\$5,686.35		\$42,661.27		\$27,528.3
Debt Services (Principal & Interest)				,	. ,		\$111,026.32		\$44,251.8
Capital Improvements							, ,		
Working Capital									
DEMAND CHARGES (Credits)									
Transmission Charges (Demand-Credits)				-\$20,625.56					
Capacity Credit				-\$7,661.41	-\$792.96		-\$3,487.58		-\$7,303.1
Sub-Total Demand Charges	\$0.00	\$0.00	\$0.00	-\$5,346.97	\$4,893.39	\$0.00	\$150,200.01	\$0.00	\$64,477.0
ENERGY CHARGES (Debits or Adjustments):									
Energy Charges - On Peak	\$121,809.60	\$311,178.00	-\$40,524.53	\$449.20	\$7,010.27		\$23,728.76	\$4,859.66	\$114,471.1
Energy Charges - Off Peak							\$6,713.63	\$5,957.79	
Net Congestion, Losses, FTR	\$4,579.81	\$8,730.24	-\$1,951.00				\$12,493.49		\$12,815.3
							000 404 04		
Transmission Charges (Energy-Debits)							\$22,121.91		
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Transmission Charges (Energy-Debits)							\$22,121.91		
Transmission Charges (Energy-Debits) ESPP Charges							\$22,121.91		
Transmission Charges (Energy-Debits) ESPP Charges							\$22,121.91		
Transmission Charges (Energy-Debits) ESPP Charges Bill Adjustments						\$14,850.86		-\$52,671.76	
Transmission Charges (Energy-Debits) ESPP Charges Bill Adjustments ENERGY CHARGES (Credits or Adjustments):					-\$859.38	\$14,850.86		-\$52,671.76	
Transmission Charges (Energy-Debits) ESPP Charges Bill Adjustments ENERGY CHARGES (Credits or Adjustments): Energy Charges - On Peak (Sale or Rate Stabilization)					\$483.05	\$14,850.86	\$21,458.34	-\$52,671.76	\$31.5
Transmission Charges (Energy-Debits) ESPP Charges Bill Adjustments ENERGY CHARGES (Credits or Adjustments): Energy Charges - On Peak (Sale or Rate Stabilization) Net Congestion, Losses, FTR Bill Adjustments					\$483.05		\$21,458.34 \$911.72		
Transmission Charges (Energy-Debits) ESPP Charges Bill Adjustments ENERGY CHARGES (Credits or Adjustments): Energy Charges - On Peak (Sale or Rate Stabilization) Net Congestion, Losses, FTR	\$126,389.41	\$319,908.24	-\$42,475.53	\$449.20	\$483.05	\$14,850.86 \$14,850.86	\$21,458.34 \$911.72	-\$52,671.76 -\$41,854.31	\$31.5 \$127,318.0
Transmission Charges (Energy-Debits) ESPP Charges Bill Adjustments ENERGY CHARGES (Credits or Adjustments): Energy Charges - On Peak (Sale or Rate Stabilization) Net Congestion, Losses, FTR Bill Adjustments		. ,		\$449.20	\$483.05 		\$21,458.34 \$911.72		
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Transmission Charges (Energy-Debits) ESPP Charges Bill Adjustments ENERGY CHARGES (Credits or Adjustments): Energy Charges - On Peak (Sale or Rate Stabilization) Net Congestion, Losses, FTR Bill Adjustments Sub-Total Energy Charges COMBINED DEMAND & ENERGY (Debits & Credits A RPM Charges Capacity - (Debit) Service Fees AMP-Dispatch Center - (Debit/Credit) Service Fees AMP-Part B - (Debit/Credit) Service Fees AMP-Part B - (Debit/Credit)		. ,		\$449.20	\$483.05 		\$21,458.34 \$911.72		
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Transmission Charges (Energy-Debits) ESPP Charges Bill Adjustments ENERGY CHARGES (Credits or Adjustments): Energy Charges - On Peak (Sale or Rate Stabilization) Net Congestion, Losses, FTR Bill Adjustments Sub-Total Energy Charges COMBINED DEMAND & ENERGY (Debits & Credits A 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)	Wocated by Ratio be	etween Demand & I	Energy) - Service Fe	\$449.20 es, Billing and Rate	\$483.05 \$6,633.94 • Adjustments:	\$14,850.86	\$21,458.34 \$911.72 \$87,427.85		\$127,318.0
Transmission Charges (Energy-Debits) ESPP Charges Bill Adjustments ENERGY CHARGES (Credits or Adjustments): Energy Charges - On Peak (Sale or Rate Stabilization) Net Congestion, Losses, FTR Bill Adjustments Sub-Total Energy Charges COMBINED DEMAND & ENERGY (Debits & Credits A 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)	Miocated by Ratio be	etween Demand & I	\$0.00 -\$42,475.53	\$449.20 es, Billing and Rate \$0.00 -\$4,897.77	\$483.05 \$6,633.94 • Adjustments:	\$14,850.86	\$21,458.34 \$911.72 \$87,427.85	-\$41,854.31	

BILLING DETERMINANTS for BI								
2013 - OCTOBER BILLING WITH SEPTEMBER 20								
PREVIOUS MONTH'S POWER BILLS - PU								
DATA PERIOD								
AMP-Ohio Bill Month								
City-System Data Month								
City-Monthly Billing Cycle								
City-Monthly Billing Cycle								
1	EFFICIENCY	JV-2	JV-5	JV-6	TRANSMISSION	SERVICE FEES	CITY RATE	TOTAL -
PURCHASED POWER-RESOURCES -> (SMART	PEAKING	HYDRO	WIND	CHARGES	DISPATCH, A & B	ADJUSTMENT	ALL
TOHOHAGED TOWER-RESCONDES->(POWER PLANT	SCHED. @ ATSI	7x24 @ ATSI	SCHED. @ ATSI	Other Charges	Other Charges	MONTHLY ADDER	RESOURCES
Delivered kWh (On Peak) ->	1 OWEITT EAITT	801	2,297,472		Other Charges	Other Charges	MONTHE! ADDEN	16,194,93
Delivered kWh (Off Peak) ->	· ·	001	2,207,472	17,007				234,14
Delivered kWh (Losses/Offset) ->			33,405					178,43
Delivered kWh (Credits) ->			55,155					-1,618,53
20110100 11111 (0.10010)								.,,,,,,,,,
Net Total Delivered kWh as Billed ->	0	801	2,330,877	17,607	0	0	0	14,988,97
Percent % of Total Power Purchased->	0.0000%	0.0053%	15.5506%	0.1175%	0.0000%	0.0000%	0.0000%	100.0000%
			·				Verification Total - >	100.0000%
POWER - COSTS OF ENERGY, DEMAND, REACTIVE,								
<u>DEMAND CHARGES (Debits)</u>								
Demand Charges		\$282.53	\$11,623.99	\$1,352.14	\$47,275.50			\$159,350.10
Debt Services (Principal & Interest)			\$64,474.05	\$3,531.00				\$223,283.2
Capital Improvements								\$0.0
Working Capital								\$0.00
<u>DEMAND CHARGES (Credits)</u>								
Transmission Charges (Demand-Credits)		-\$592.82	-\$4,311.19	-\$121.13				-\$25,650.70
Capacity Credit		-\$200.90	-\$2,593.92	-\$16.52				-\$22,056.43
Sub-Total Demand Charges	\$0.00	-\$511.19	\$69,192.93	\$4,745.49	\$47,275.50	\$0.00	\$0.00	\$334,926.24
oub Total Belliana Onarges	φυ.υυ	φοτιτισ	ψ00,10 <u>2.</u> 00	ψ+,1+0.40	ψ-17,270.00	ψ0.00	ψ0.00	φου+,υ20.2-i
ENERGY CHARGES (Debits or Adjustments):								
Energy Charges - On Peak		\$35.19	\$55,296.09		\$5,459.16			\$603,772.5
Energy Charges - Off Peak		****	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		41, 11			\$12,671.42
Net Congestion, Losses, FTR								\$36,667.88
Transmission Charges (Energy-Debits)								\$22,121.9
ESPP Charges	\$38,168.43							\$38,168.43
Bill Adjustments	. ,	\$28.73						\$28.73
•								· ·
ENERGY CHARGES (Credits or Adjustments):								
Energy Charges - On Peak (Sale or Rate Stabilization)								-\$16,362.56
Net Congestion, Losses, FTR								\$52.34
Bill Adjustments								\$514.63
•								
Sub-Total Energy Charges	\$38,168.43	\$63.92	\$55,296.09	\$0.00	\$5,459.16	\$0.00	\$0.00	\$697,635.33
COMBINED DEMAND & ENERGY (Debits & Credits A								
RPM Charges Capacity - (Debit)					\$32,939.53			\$32,939.53
RPM Charges Capacity - (Credit)						A. 15-1		\$0.00
Service Fees AMP-Dispatch Center - (Debit/Credit)						\$1,173.72		\$1,173.7
Service Fees AMP-Part A - (Debit/Credit)						\$2,657.00		\$2,657.0
Service Fees AMP-Part B - (Debit/Credit)						\$7,246.93		\$7,246.93
Other Charges & Bill Adjustments - (Debit/Credit)							ФСС ССС СТ	\$0.00
City Rate Adjustment in Cost of Power (1)							\$60,000.00	\$60,000.00
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$32,939.53	\$11,077.65	\$60,000.00	\$104,017.18
TOTAL - ALL COSTS TO ALLOCATE	\$38,168.43	-\$447.27	\$124,489.02	\$4,745.49	\$85,674.19	\$11,077.65	\$60,000.00	\$1,136,578.7
The state of the s	\$30,100.40	Ψ	Ţ. <u>_</u> -1,100.02	ψ 1 ,110.40	Ç50,07 4.10	\$11,077.00	Verification Total - >	\$1,136,578.75
Purchased Power Resources - Cost per kWH->	\$0.000000	-\$0.558390	\$0.053409	\$0.269523	\$0.000000	\$0.000000		\$0.075828
	Ţ	÷2.22220					ctric Service Rate - >	\$0.03003
					ff-Peak) Energy Cha			\$0.030030
				(,	,		,

				1					
BILLING DETERMINANTS for B	<u>ILLING CYC</u>	LE - OCTO	DBER, 2013						
2013 - OCTOBER BILLING WITH SEPTEMBER 2	013 DATA BILLING	UNITS							
PREVIOUS MONTH'S POWER BILLS - PU	IRCHASED POV	VER KWH AND	COST ALLOCA	TIONS BY DEM	AND & ENERG	Υ:			
DATA PERIOD	MONTH			DAYS IN MONTH		SYSTEM PEAK			
AMP-Ohio Bill Month	AUGUST, 2013			31		29,299			
City-System Data Month	SEPTEMBER, 2013			30		,			
City-Monthly Billing Cycle	OCTOBER, 2013			31					
(AMPGS	AMPGS	SALE TO			NAPOLEON	PRAIRIE STATE	NORTHERN	FREEMONT
PURCHASED POWER-RESOURCES -> (REPLACEMENT	REPLACEMENT	TEA	AMP CT	NYPA	SOLAR	SCHED. @ PJMC &	POWER	ENERGY
(2013 5x16 @ AD	2013 7x24 @ AD	5x16 - 5x16 @ AD	SCHED. @ ATSI	SCHED. @ NYIS	SCHED. @ ATSI	REPLMT@ PJMC	POOL	SCHEDULED
RATIOS COMPUTATION (By Billed Demand and Ene	rgy):					-			
DEMAND Ratio	0.0000%	0.0000%	0.0000%	109.1715%	42.4503%	0.0000%	63.2081%	0.0000%	33.6177%
ENERGY Ratio	<u>100.0000%</u>	100.0000%	100.0000%	<u>-9.1715%</u>	<u>57.5497%</u>	<u>100.0000%</u>	<u>36.7919%</u>	<u>100.0000%</u>	66.38239
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 A	ND RATE ADJUSTI	MENTS - By DEMAN	D and ENERGY RAT	TIO'S:					
RPM Charges Capacity									
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	*****	*	\$0.00	\$0.00	* * * * * * * * * * * * * * * * * * * *	\$0.00	\$0.0
ENERGY - Allocation based on Ratio	\$0.00	\$0.00			\$0.00	\$0.00		\$0.00	\$0.0
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 & Part	7				*				
DEMAND - Allocation based on Ratio	\$0.00	\$0.00		*	\$0.00	\$0.00	* * * * * * * * * * * * * * * * * * * *	\$0.00	\$0.0
ENERGY - Allocation based on Ratio Verification Total	\$0.00	\$0.00			\$0.00 \$0.00	\$0.00		\$0.00	\$0.00
Other Charges & Other Bill Adjustments	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
ENERGY - Allocation based on Ratio	\$0.00	\$0.00	*****	\$0.00	\$0.00	\$0.00	* * * * * * * * * * * * * * * * * * * *	\$0.00	\$0.0
Verification Total	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
City Rate Adjustment in Cost of Power (1)	φυ.υυ	φο.σο	φυ.συ	φυ.υυ	φυ.υυ	φο.σσ	φο.σσ	φυ.υυ	φυ.υι
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
ENERGY - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
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

BILLING DETERMINANTS for BI								
2013 - OCTOBER BILLING WITH SEPTEMBER 20								
PREVIOUS MONTH'S POWER BILLS - PU								
DATA PERIOD								
AMP-Ohio Bill Month								
City-System Data Month								
City-Monthly Billing Cycle								
(EFFICIENCY	JV-2	JV-5	JV-6	TRANSMISSION	SERVICE FEES	CITY RATE	TOTAL -
PURCHASED POWER-RESOURCES -> (SMART	PEAKING	HYDRO	WIND	CHARGES	DISPATCH, A & B	ADJUSTMENT	ALL
	POWER PLANT	SCHED. @ ATSI	7x24 @ ATSI	SCHED. @ ATSI	Other Charges	Other Charges	MONTHLY ADDER	RESOURCES
RATIOS COMPUTATION (By Billed Demand and Ener						A-AMP RATIO	B-CITY RATIO	
DEMAND Ratio	0.0000%	114.2911%	55.5816%	100.0000%	89.6479%	31.0691%	34.1728%	
ENERGY Ratio	100.0000%	<u>-14.2911%</u>	44.4184%	0.0000%	10.3521%	68.9309%	65.8272%	
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 A								TOTALS
RPM Charges Capacity								
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$29,529.59	\$0.00	\$0.00	\$29,529.59
ENERGY - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$3,409.94	\$0.00	\$0.00	\$3,409.94
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$32,939.53	\$0.00	\$0.00	\$32,939.53
Service Fees-AMP Charges (Dispatch, Part A & Part I								
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,441.73	\$0.00	\$3,441.73
ENERGY - Allocation based on Ratio	\$0.00	<u>\$0.00</u>	\$0.00	<u>\$0.00</u>	\$0.00	<u>\$7,635.92</u>	<u>\$0.00</u>	\$7,635.92
Verification Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,077.65	\$0.00	\$11,077.65
Other Charges & Other Bill Adjustments								
DEMAND - Allocation based on Ratio	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00
ENERGY - Allocation based on Ratio	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
Verification Total	\$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	\$20,503.68	\$20,503.68
ENERGY - Allocation based on Ratio	\$0.00	<u>\$0.00</u>	\$0.00	<u>\$0.00</u>	\$0.00	\$0.00	<u>\$39,496.32</u>	\$39,496.32
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	\$32,939.53	\$11,077.65	\$60,000.00	\$104,017.18

DULINO DETERMINANTO 4 DULI		OOTODE!				DE
BILLING DETERMINANTS for BILLI	NG CYCLE -	OCTOBER	<u> 1, 2013</u>			
PREVIOUS MONTH'S POWER BILLS - BURGE	JACED DOWED O	CUDDLY COCT	ALLOCATION			
PREVIOUS MONTH'S POWER BILLS - PURCH	HASED POWER S	50PPLY - COST	ı			
			DAYS IN		SYSTEM	
DATA PERIOD	MONTH		<u>MONTH</u>		PEAK	
AMP-Ohio Bill Month	AUGUST, 2013		31		29,299	
City-System Data Month	SEPTEMBER, 2013		30			
City-Monthly Billing Cycle	OCTOBER, 2013		31			
PURCHASED POWER SUPPLY - COST ALLO	CATION WORK	SHEET				
	Billing	Billing	RPM	RPM	Service Fees-AMP	Service Fees-AM
	Charges	Charges	Charges	Charges	Charges	Charges
Purchased Power Provider	DEMAND	ENERGY	DEMAND	ENERGY	DEMAND	ENERGY
AMPGS-REPLACEMENT 5x16 @ AD	\$0.00	\$126,389.41	\$0.00	\$0.00		
AMPGS-REPLACEMENT 7x24 @ AD		\$319,908.24	\$0.00	\$0.00		
SALE TO TEA 5x16 @ AD	\$0.00 \$0.00			· · · · · · · · · · · · · · · · · · ·		
	\$0.00	-\$42,475.53	\$0.00 \$0.00	\$0.00 \$0.00		
EFFICIENCY SMART POWER PLANT		\$38,168.43				
AMP CT SCHEDULED	-\$5,346.97	\$449.20	\$0.00	\$0.00	· · · · · · · · · · · · · · · · · · ·	
NYPA SCHEDULED	\$4,893.39	\$6,633.94	\$0.00	\$0.00		
NAPOLEON SOLAR SCHEDULED	\$0.00	\$14,850.86	\$0.00	\$0.00		·
PRAIRE STATE SCHEDULED	\$150,200.01	\$87,427.85	\$0.00	\$0.00		\$0.0
NORTHERN POWER POOL	\$0.00	-\$41,854.31	\$0.00	\$0.00		
FREEMONT ENERGY SCHEDULED	\$64,477.08	\$127,318.07	\$0.00	\$0.00		
JV-2 PEAKING SCHEDULED	-\$511.19	\$63.92	\$0.00	\$0.00		
JV-5 HYDRO	\$69,192.93	\$55,296.09	\$0.00	\$0.00	\$0.00	
JV-6 WIND	\$4,745.49	\$0.00	\$0.00	\$0.00		
TRANSMISSION and Other Charges	\$47,275.50	\$5,459.16	\$29,529.59	\$3,409.94	\$0.00	\$0.0
A - AMP Service Fees- Dispatch, A & B	\$0.00	\$0.00	\$0.00	\$0.00	\$3,441.73	\$7,635.9
B - City Rate Adjustment Added to Cost of Power	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
C - Outdoor Lght.Credit Reconciliation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
TOTALS - ALL	\$334,926.24	\$697,635.33	\$29,529.59	\$3,409.94	\$3,441.73	\$7,635.9
DATION COMPUTATIONS (B. Bill of Branch of Franch						
RATIOS COMPUTATIONS (By Billed Demand and Energy A - AMP Service Fees - Ratio Allocation (Excluding J		ervice Fees)				
Totals - AMP All Billing Costs by Demand and Energy (E	xcludes: JV2, JV5 &	JV6, & AMP Servi	ce Fees)			
Ratios to Allocate AMP Service Fees						
B - City Rate Adjustment - Ratio Allocation (To Total	Cost of Power)					
Totals - All Billing Costs both Demand and Energy						
Ratios to Allocate City Rate Adjustment						
C - Outdoor Street Lights and Miscellaneou - Ratio A	llocation (To ALL C	osts of Power, Inc	luding City Rate	Adjustment)		
Totals - All Billing Costs both Demand and Energy						
Ratios to Allocate City Rate Adjustment						
Other Cost and Reconciliation Items for Power Supp	ly Cost Allocation V	Vorksheet:				
C - Outdoor Street Light Reconciliation Credit Comp			Average Cost of	Power)		
Total Purchased Power Cost (Cost Per kWh, on Page 3	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						

BILLING DETERMINANTS for BILLIN	DILL	ING DETERMINATION	10			DLI
BILLING DETERMINANTS TOT BILLIN						
PREVIOUS MONTH'S POWER BILLS - PURCHA						
FILE VIOUS MONTH'S FOWER BILLS - FORCH						
DATA PERIOD						
AMP-Ohio Bill Month						
City-System Data Month						
City-Monthly Billing Cycle						
PURCHASED POWER SUPPLY - COST ALLO						
- OHOHAGES I GWEIT GOT I ET GOOT ALEG						
	Other Charges	Other Charges	City Rate	City Rate	TOTAL COSTS	
	& 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	\$126,389.4
AMPGS-REPLACEMENT 7x24 @ AD	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$319,908.2
SALE TO TEA 5x16 @ AD	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$42,475.5
EFFICIENCY SMART POWER PLANT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$38,168.4
AMP CT SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	-\$5,346.97	\$449.20
NYPA SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$4,893.39	\$6,633.94
NAPOLEON SOLAR SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14,850.86
PRAIRE STATE SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$150,200.01	\$87,427.85
NORTHERN POWER POOL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-\$41,854.3
FREEMONT ENERGY SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	\$64,477.08	\$127,318.07
JV-2 PEAKING SCHEDULED	\$0.00	\$0.00	\$0.00	\$0.00	-\$511.19	\$63.92
JV-5 HYDRO	\$0.00	\$0.00	\$0.00	\$0.00	\$69,192.93	\$55,296.09
JV-6 WIND	\$0.00	\$0.00	\$0.00	\$0.00	\$4,745.49	\$0.00
TRANSMISSION and Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$76,805.09	\$8,869.10
A - AMP Service Fees- Dispatch, A & B	\$0.00	\$0.00	\$0.00	\$0.00	\$3,441.73	\$7,635.92
B - City Rate Adjustment Added to Cost of Power	\$0.00	\$0.00	\$20,503.68	\$39,496.32	\$20,503.68	\$39,496.32
C - Outdoor Lght.Credit Reconciliation	-\$1,622.25	-\$3,124.96	\$0.00	\$0.00	-\$1,622.25	-\$3,124.90
TOTALS - ALL	-\$1,622.25	-\$3,124.96	\$20,503.68	\$39,496.32	\$386,778.99	\$745,052.55
	1 /2	777	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1117	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
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					\$291,028.60	\$645,685.26
Ratios to Allocate AMP Service Fees					31.0691%	68.9309%
B - City Rate Adjustment - Ratio Allocation (To Total C						
Totals - All Billing Costs both Demand and Energy					\$367,897.56	\$708,681.19
Ratios to Allocate City Rate Adjustment					34.1728%	65.8272%
C - Outdoor Street Lights and Miscellaneou - Ratio Alle						
Totals - All Billing Costs both Demand and Energy					\$388,401.24	\$748,177.5
Ratios to Allocate City Rate Adjustment		-			34.1728%	65.8272%
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)						
Total Outdoor Street Light kWh by Light Type (on Page 2						
Net Allocated - Security Street Light Credit	-\$4,747.21				-\$1,622.25	-\$3,124.9
Less: Security Street Light Corrections (If Any)	\$0.00				\$0.00	\$0.00
Net Allocated - Security Street Light Credit	<u>-\$4,747.21</u>				-\$1,622.25	-\$3,124.96

ELECTRIC		MO	NTHLY BILLING DE	TERMINANTS			DETERMINANT
BILLING DETERMIN	ANTS for BIL	LING CYCLE	- OCTOBE	R. 2013			
BILLING UNITS - ALLOCA					JL ATION		
<u> </u>							
BILLING UNITS - ALLOCA	TION OF kWH &	DEMAND USEAG	E BY CLASS				
		OR MONTH'S DAT	Α				
Days in AMP-Oh Bill Month	31	,					
Coincidental Peak in Month	29,299	,					
Days in Data Month		SEPTEMBER, 2013					
(kWh C	G1,G2, G3, & G4	,- kW D1 & D2)		C	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	<u>by Light Type</u>
Residential (Domestic)	3,124,159			52W	3	_	51
Residential (Rural)	1,246,452			70W	87	23.10	2,010
Commercial (1P)	56,325			100W	487	33.00	16,071
Commercial (1P)(D)	433,838			150W	58	49.50	2,871
Commercial (3P)	0	•		157W	2	51.81	104
Commercial (3P)(D)	2,099,640		0.004	250W	335	82.50	27,638
Large Power (D)	3,414,056		8,634	400W	105	132.00	13,860
Industrial (D)	3,126,136		5,497				
Interdepartmental	373,900	1,030					
Total kWh, kW and kVa	13,874,506	25,234	14,131		1,077		62,605
Verification Totals ->	13,874,506		14,101	Street Lights	listing - Revised Per	Flectric Superinten	,
Verification Totals >	10,074,000	25,254		Otreet Lights	nsting - nevised i ei	Electric Superinten	dent on 12/13/2012.
	AVE	RAGE AND EXC	SS DEMAND CA	LCULATION			
	Α	В	С	D	Е	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	Cal. or Actual		Mthly.Avg.Dmd")	kW Load	
w/Demand (Actual or Cal.)	kWh	Average	Maximum	Excess	Allocated Excess	Delivered	
Cstmr. Class or Schedule	Delivered	Demand	Demand	Demand	Demand	A & E	
Residential (Dom) (Cal. D)	3,124,159	4,199	6,356	2,157	1,502	5,701	
Residential (Rural) (Cal. D)	1,246,452		2,535			2,274	
Commercial (1P) (Cal. D)	56,325		115			104	
Commercial (1P) (Actual D)	433,838		2,393			1,844	
Commercial (3P) (Cal. D)	0		0	· · · · · · · · · · · · · · · · · · ·		0	
Commercial (3P) (Actual D)	2,099,640	2,822	7,484	4,662	3,247	6,069	
Large Power (Actual D)	3,414,056		8,634			7,407	
Industrial (Actual D)	3,126,136		5,497				
Interdepartmental (Cal. D)	373,900		761	258			<u>Var</u>
Total Billed System Demand	13,874,506	18,649	33,775	15,126	10,537	29,185	
Outdoor Lights	62,605	84	127	43	30	114	
Total System Demand	13,937,111	18,733	33,902	15,169	10,567	29,299	
System Load Factor:	66.07%	<- Total kWH Del. /	(Total Sys.kW Load)	X 24 X # Davs In Data	Month)	29,299	<-Verification Total
		13937111 / (29299 x		,	,	-,	
1		, (===== x	,	1	1		

LECTRIC			NTHLY BILLING DE				DETERMINAN
BILLING DETERMINA	ANTS for BIL	LING CYCLE	- OCTOBEI	R. 2013			
BILLING UNITS - ALLOCAT					II ATION		
BILLING UNITS - ALLOCAT	HONS OF KWITE	IIIU DEWAND & E	COSIS	AIIU NATE CALCO	<u>JLATION</u>		
411 00471011 05 5115001	AND DEMAND	00070					
ALLOCATION OF ENERGY	AND DEMAND	<u>COS1S</u>					
ENERGY COST ALLOCATION:							
Total Energy Cost (from Power Bi	lls page):	\$745,053		<- Verification Total	- Variations Due To I	Rounding	
	kWh		=======				
	Billing Units	Davaget Allagated	Allegated Dellays &				
Dec (lateral ant (Od))			Allocated Dollars \$				
Res./Interdept. (G1): Commercial (G2):	4,744,511 2,589,803	34.1960% 18.6659%	\$254,778 \$139,071				
Large Power (G3):	3,414,056						
Industrial (G4):	3,414,056	22.5315%					-
industrial (G4).	3,120,130	22.331376					_
Total:	13,874,506	100.0000%	\$745,053	<- Verification Total	- Variations Due To I	Rounding	
Verification Total ->	13,874,506		=======				
DEMAND COST ALLOCATION:							
Total Demand Cost (from Power B	Bills page):	\$386,779		<- Verification Total	 Variations Due To I 	Rounding	
	kW/KVA		=======				
		Dawa and Alla and ad	Allacatad Dallaca				
Doc /Interdent /C1):	Billing Units		Allocated Dollars \$				
Res./Interdept. (G1): Commercial (G2):	8,657	29.6625% 27.4696%					
Large Power (G3):	8,017 7,407	25.3795%					
Industrial (G4):	5,104	17.4884%					
`	5,104	17.400476					
Total:	29,185	100.0000%	\$386,779	<- Verification Total	 Variations Due To I 	Rounding	
Verification Total ->	29,185		=======				
APPLIED GENERATION &	DEMAND COST	S TO MONTHLY	BILLING RATES				
MONTHLY KW	VH & DEMAND F	RATE CALCULAT	ION				
			_				
OCTOBER, 2013	Allocated	Billing	PWR.RATES				
JV's Purchased Cost kWH to Ci	<u>Costs</u>	<u>Units</u>	CHARGED				_
JV2 Joint Venture Rate (JV2 End			\$0.03003				_
JV5 Joint Venture Rate (JV5 Ene			\$0.03003				
ove comit ventare riate (eve zin	orgy ormy		ψ0.00000				
Generation Charge:							
Res./Interdept. (G1):	\$369,506						
Commercial (G2):	\$245,318						
Large Power (G3):	\$183,333						
Industrial (G4):	\$167,871	3,126,136	\$0.05370				_
Demand Charge:		13,874,506					
Large Power (D1):	\$98,163		\$11.37				
Industrial (D2):	\$67,641	5,497					
Total Billing & Unit Check:	\$1,131,832	13,874,506					
Verification of Billings & Units:							
Net Average City Cost of Pur	\$1,131,832						_
Net Average Customer Cost of Pul							_
Net Average Customer Cost C	ווווום וע per kwn ic	r Filor billing Wonth:	Ф 0.10303]	



AMERICAN MUNICIPAL POWER, INC.

1111 Schrock Rd, Suite 100

COLUMBUS, OHIO 43229

PHONE: (614) 540-1111

FAX: (614) 540-1078

INVOICE NUMBER: 179081

INVOICE DATE: 9/13/2013

DUE DATE: 9/30/2013

5020

TOTAL AMOUNT DUE: \$939,990.22 CUSTOMER NUMBER:

CUSTOMER P.O. #: RG10046

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 AMP.

Northern Power Pool Billing - August, 2013

MUNICIPAL PEAK: 29,299 kW TOTAL METERED ENERGY: 15,097,778 kWh

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

Total Power Charges: \$843,238.38 Total Transmission Charges: \$85.674.19

Total Other Charges: \$11,077.65

Total Miscellaneous Charges: \$0.00

GRAND TOTAL POWER INVOICE: \$939,990.22

DETAIL INFORMATION OF POWER CHARGES August , 2013 Napoleon

	FOR THE MONTH OF:	August, 2013		Total Metered Load kWh: Transmission Losses kWh: Distribution Losses kWh:	15,097,778 -108,802 0
			•	Total Energy Req. kWh:	14,988,976
	TIME OF FENTS PEAK: TIME OF MUNICIPAL PEAK: TRANSMISSION PEAK:	08/29/2013 @ H.E. 16:00 08/28/2013 @ H.E. 14:00 7/17/2012 HE 16:00 EST		COINCIDENT PEAK kW: MUNICIPAL PEAK kW: TRANSMISSION PEAK kW: PJM Capacity Requirement kW:	28,361 29,299 33,431 32,514
Nap	poleon Resources				
AMP	CT - Sched @ ATSI				
	Demand Charge:	\$1.850000	/ kW *	12,400 kW =	\$22,940.00
	Energy Charge:	\$0.043911	/kWh *	10,230 kWh =	\$449.20
	Transmission Credit:	\$1.663352	/ kW *	-12,400 kW =	-\$20,625.56
	Capacity Credit: Subtotal	\$0.617855 - \$0.478773	/ kW * / kWh *	-12,400 kW = 10,230 kWh =	-\$7,661.41 -\$4,897.77
Frem	ont - sched @ Fremont	40.470773	7 KVIII	10,200 RVIII =	Ψ4,031.11
	Demand Charge:	\$3.140000	/ kW *	8,767 kW =	\$27,528.38
	Energy Charge:	\$0.029275	/ kWh *	3,910,212 kWh =	\$114,471.15
	Net Congestion, Losses, FTR:	\$0.003277	/ kWh *		\$12,815.34
	Capacity Credit:	\$0.833026	/ kW *	-8,767 kW =	-\$7,303.14
	Debt Service	\$5.047546	/ kW	8,767 kW	\$44,251.84
	Adjustment for prior month: Subtotal	\$0.049050	/ kWh *	3,910,212 kWh =	\$31.58 \$191,795.14
Sale	of AFEC Duct Firing energy to TEA - 5x16 @	-	/ MAAil	3,310,212 KVVII =	φ131,135.14
-	Energy Charge:	\$0.054050	/ kWh *	-749,760 kWh =	-\$40,524.53
	Net Congestion, Losses, FTR:	\$0.002602	/ kWh *		-\$1,951.00
	Subtotal	\$0.056652	/ kWh *	-749,760 kWh =	-\$42,475.53
JV6 -	Sched @ ATSI				
	Demand Charge:			300 kW	
	Energy Charge:	¢0.402754	/ 1.\\/ *	17,607 kWh	-\$121.13
	Transmission Credit: Capacity Credit:	\$0.403754 \$0.055067	/ kW * / kW *	-300 kW = -300 kW =	-\$121.13 -\$16.52
	Subtotal	-\$0.007818	/ kWh *	17,607 kWh =	-\$137.65
Prairi	e State - Sched @ PJMC		,		Ţ.CC
	Demand Charge:	\$8.573407	/ kW *	4,976 kW =	\$42,661.27
	Energy Charge:	\$0.007909	/ kWh *	3,000,212 kWh =	\$23,728.76
	Net Congestion, Losses, FTR:	\$0.004164	/ kWh *		\$12,493.49
	Capacity Credit:	\$0.700883	/ kW *	-4,976 kW =	-\$3,487.59
	Debt Service	\$22.312363	/ kW	4,976 kW	\$111,026.32
	Transmission from PSEC to PJM/MISO Board Approved Rate Levelization	\$0.007373	/ kWh	3,000,212 kWh	\$22,121.91 \$21,458.34
	Subtotal	\$0.076662	/ kWh *	3,000,212 kWh =	\$230,002.50
Prairi	e State Replacement from Pool - sched @ I		,	0,000,212 KW	\$250,002.00
	Energy Charge:	\$0.046290	/ kWh *	145,034 kWh =	\$6,713.63
	Net Congestion, Losses, FTR:	\$0.006286	/ kWh *		\$911.72
	Subtotal	\$0.052576	/ kWh *	145,034 kWh =	\$7,625.36
NYPA	A - Sched @ NYIS	#0.00074	/ 1 1 1 4 / +	044.134	#5.000.05
	Demand Charge: Energy Charge:	\$6.023674 \$0.015955	/ kW * / kWh *	944 kW = 439,364 kWh =	\$5,686.35 \$7,010.27
	Net Congestion, Losses, FTR:	-\$0.001956	/ kWh *	433,304 KWII =	-\$859.39
	Capacity Credit:	\$0.840000	/ kW *	-944 kW =	-\$792.96
	Adjustment for prior month:	•			\$483.05
	Subtotal	\$0.026236	/ kWh *	439,364 kWh =	\$11,527.33
JV5 -	7X24 @ ATSI				
	Demand Charge:			3,088 kW	
	Energy Charge: Transmission Credit:	\$1.396109	/ kW *	2,297,472 kWh -3,088 kW =	-\$4,311.19
	Capacity Credit:	\$0.840000	/ kW *	-3,088 kW =	-\$2,593.92
	Subtotal	-\$0.003006	/ kWh *	2,297,472 kWh =	-\$6,905.11
JV5 L	osses - Sched @ ATSI				
	Energy Charge:			33,405 kWh	
	Subtotal	#N/A	/ kWh *	33,405 kWh =	\$0.00
JV2 -	Sched @ ATSI				
	Demand Charge: Energy Charge:	\$0.043910	/ kWh *	264 kW 801 kWh =	\$35.19
	Transmission Credit:	\$0.043910 \$2.245520	/ kW *	-264 kW =	-\$592.82
	Capacity Credit:	\$0.760973	/ kW *	-264 kW =	-\$200.90

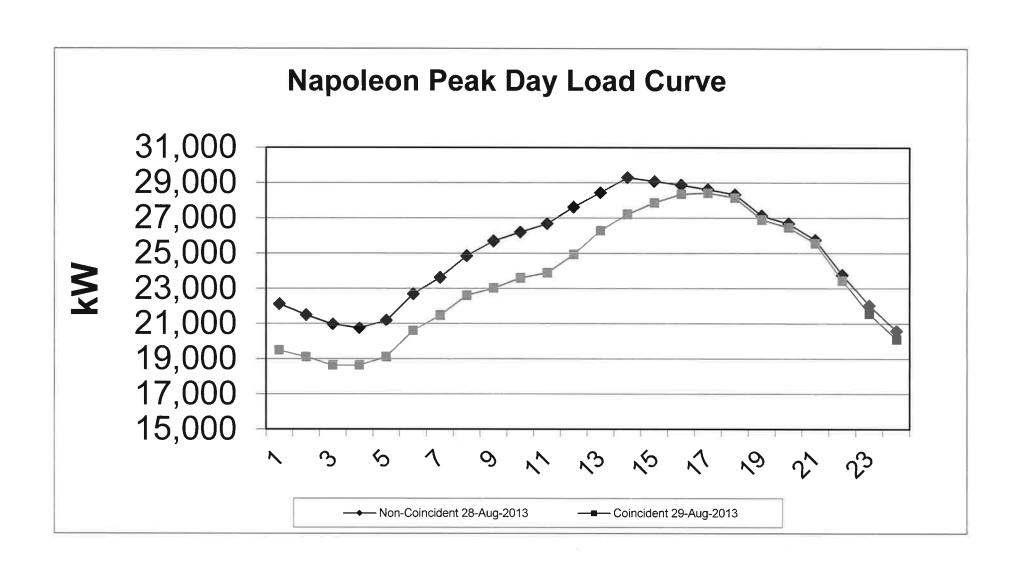
DETAIL INFORMATION OF POWER CHARGES August , 2013 Napoleon

Demand Charge:			1,040 kW	
Energy Charge:	\$0.085000	/ kWh *	174,716 kWh =	\$14,850.86
Subtotal	\$0.085000	/ kWh *	174,716 kWh =	\$14,850.86
AMPGS Replacement 2013 5x16 - 5x16 @ AD			·	
Demand Charge:			5,000 kW	
Energy Charge:	\$0.069210	/ kWh *	1,760,000 kWh =	\$121,809.60
Net Congestion, Losses, FTR:	\$0.002602	/ kWh *		\$4,579.81
Subtotal	\$0.071812	/ kWh *	1,760,000 kWh =	\$126,389.41
AMPGS Replacement 2013 7x24 - 7x24 @ AD				
Demand Charge:			7,000 kW	
Energy Charge:	\$0.059750	/ kWh *	5,208,000 kWh =	\$311,178.00
Net Congestion, Losses, FTR:	\$0.001676	/ kWh *		\$8,730.24
Subtotal	\$0.061426	/ kWh *	5,208,000 kWh =	\$319,908.24
EFFICIENCY SMART POWER PLANT				
ESPP charges @ \$3.095 /MWh x 147,987.5 MWh / 12				\$38,168.43
Subtotal				\$38,168.43
Northern Power Pool:				
On Peak Energy Charge: (M-F HE 08-23 EDT)	\$0.038545	/ kWh *	126,077 kWh =	\$4,859.66
Off Peak Energy Charge:	\$0.025445	/ kWh *	234,141 kWh =	\$5,957.79
Sale of Excess Non-Pool Resources to Pool	\$0.032543	/ kWh *	-1,618,535 kWh =	-\$52,671.77
Subtotal	\$0.033262	/ kWh *	-1,258,317 kWh =	-\$41,854.31
Total Demand Charges:				\$206,387.03
Total Energy Charges:				\$636,851.35
Total Power Charges:			14,988,976 kWh	\$843,238.38
TRANSMISSION CHARGES:				
Demand Charge:	\$1,414122	/ kW *	33,431 kW =	\$47,275.50
Energy Charge:	\$0.000430	/ kWh *	12,691,504 kWh =	\$5,459.16
RPM (Capacity) Charges:	\$1.013100	/ kW *	32,514 kW =	\$32,939.53
TOTAL TRANSMISSION CHARGES:	\$0.006751	/ kWh *	12,691,504 kWh =	\$85,674.19
Dispatch Center Charges:	\$0.000078	/ kWh *	15,097,778 kWh =	\$1,173.72
Service Fee Part A,				
Based on Annual Municipal Sales	\$0.000204	/ kWh *	156,294,126 kWh 1/12 =	\$2,657.00
Service Fee Part B.				
Energy Purchases	\$0.000480	/kWh *	15,097,778 kWh =	\$7,246.93
TOTAL OTHER CHARGES:				\$11,077.65
				, , , , , , , , , , , , , , , , , , , ,

GRAND TOTAL POWER INVOICE:

\$939,990.22

Napoleon	Capacity Plan - Actual										
Aug 2013	3 ACTU	AL DEMAND =	29.299	MW							
Days 31	ACTL	IAL ENERGY =	15,098	мwн							
				•	DEMAND	ENERGY				EFFECTIVE	%
		DEMAND	ENERGY	LOAD	RATE	RATE	DEMAND	ENERGY	TOTAL	RATE	OF
	SOURCE	MW	MWH	FACTOR	\$/KW	\$/MWH	CHARGE	CHARGE	CHARGES	\$/MWH	DOLLARS
	(1)	(2)	(4)	(5)	(6)	(7)	(9)	(10)	(11)	(12)	(13)
1	NPP Pool Purchases	0.00	360	0%	\$0.00	\$30.03	\$0	\$10,817	\$10,817	\$30.03	1.0%
2	NPP Pool Sales	0.00	-1,619	0%	\$0.00	\$32.54	\$0	-\$52,672	-\$52,672	\$32.54	-4.9%
3	AFEC	8.77	3,910	60%	\$7.36	\$32.55	\$64,509	\$127,286	\$191,795	\$49.05	17.9%
4	Prairie State	4.98	3,000	81%	\$38.94	\$12.07	\$193,780	\$36,222	\$230,003	\$76.66	21.4%
5	NYPA - Ohio	0.94	439	63%	\$5.18	\$15.10	\$4,893	\$6,634	\$11,527	\$26.24	1.1%
6	JV5	3.09	2,297	100%	\$22.41	\$24.07	\$69,193	\$55,296	\$124,489	\$54.19	11.6%
7	JV6	0.30	18	8%	\$15.82	\$0.00	\$4,745	\$0	\$4,745	\$269.52	0.4%
8	Napoleon Solar	1.04	175	23%	\$0.00	\$85.00	\$0	\$14,851	\$14,851	\$85.00	1.4%
9	AMPGS Replace 7x24	7.00	5,208	100%	\$0.00	\$61.43	\$0	\$319,908	\$319,908	\$61.43	29.8%
10	AMPGS Replace 5x16	5.00 -2.13	1,760 -750	47% 47%	\$0.00 \$0.00	\$71.81 \$56.65	\$0 \$0	\$126,389 -\$42,476	\$126,389	\$71.81 \$56.65	11.8% -4.0%
11 12	Monthly 5x16 Sale Prairie State Replacement from Po		-750 145	0%	\$0.00	\$52.58	\$0 \$0	-542,476 \$7,625	-\$42,476 \$7,625	\$52.58	0.7%
13	AMPCT	12.40	10	0%	-\$0.43	\$43.91	-\$5,347	\$449	-\$4,898	-\$478.76	-0.5%
14	JV2	0.26	1	0%	-\$1.83	\$43.91	-\$482	\$35	-\$447	-\$558.41	0.0%
17	POWER TOTAL	41.65	14,956	48%	ψ1.00	ψ 10.0 T	\$331,291	\$610,367	\$941,658	\$62.96	87.7%
15	Energy Efficiency	11.00	0	1070	\$0.00	\$0.00	SO	\$38,168	\$38,168	\$0.00	3.6%
16	Installed Capacity	32.51		,	\$1.01		\$32,940	\$0	\$32,940	\$2.18	3.1%
17	TRANSMISSION	33.43	12,692	1	\$1.41	\$0.43	\$47,276	\$5,459	\$52,735	\$3.49	4.9%
18	Distribution Charge	29.30			\$0.00	\$0.00	so	\$0	\$0	\$0.00	0.0%
19	Service Fee B		15,098	1 "		\$0.48		\$7,247	\$7,247	\$0.48	0.7%
20	Dispatch Charge		15,098			\$0.08		\$1,174	\$1,174	\$0.08	0.1%
	OTHER TOTAL						\$80,215	\$52,048	\$132,263	\$8.76	12.3%
GRAND TOTAL PURCHASED			14,956				\$411,506	\$662,415	\$1,073,922		
Delivered to members		29.299	15,098	69%			\$411,506	\$662,415	\$1,073,922	\$71.13	100.0%
		DEMAND	ENERGY	L.F.					TOTAL \$	\$/MWh	Avg Temp
	2013 Forecast	32.18	15,877	66%					\$1,002,136	\$63.12	71.5
	2012 Actual	30.88	15,171	66%					\$1,012,660	\$66.75	70.5
	2011 Actual	31.69	15,631	66%					\$1,103,756	\$70.61	71.7
									Actual Temp		70.1



Thursday Priday 8/1/2013 Saturday 8/1/2013 Satur	14 BOL EO	NI.															
18	IAPOLEOI		Friday	Saturday	Sunday	Monday	Tuesday	Modeocday	Thursday	Eridov	Caturday	Cundan	Manday	Tuesday	101-1	Th	
100 17,915 17,277 14,396 13,407 15,009 17,462 18,116 19,387 18,787 18,787 18,986 11,989 19,984 11,172 19,986 19,984 11,172 19,986 19,984 11,172 19,986 19,984 11,172 19,986 19,984 11,172 19,986 19,984 11,172 19,986 19,984 11,172 19,986 19,984 11,172 19,986 19,984 11,172 19,986 19,984 11,172 19,986 19,984 11,172 19,986 19,984 11,172 19,986 19,984 11,172 19,986 19,984 11,172 19,986 11,172 11,174 11,172 11,172 11,172 11,172 11,172 11,172 11,174 11,1	ate																
200 17.561 15.667 13.847 13.246 15.963 17.164 17.771 18.885 19.42 15.160 15.860 16.986 17.776 15.445 15.967 17.846 15.465 15.965 17.846 15.465 17.846 17.84		17,915	17,267	14,395	13,430	16,309	17,452	18,116	19,357	18.873	16.582	14.448	17.172	18.966	16 284	16 146	
10	200	17,551	16,667	13,817	13,216	15,963	17,164	17,771									
400 17,274 16,283 13,448 12,512 18,067 17,406 11,640 10,031 17,275 15,586 13,312 16,774 17,205 115,641 19,637 17,005 115,005 1	300	17,282	16,168	13,562	12,890	15,852	16,966	17,384	18,556	17,899							
500 17,685 16,090 13,841 12,504 15,612 17,700 18,125 17,200 18,450 19,083 19,226 15,746 13,477 17,020 19,015 19,285 17,286 14,090 12,455 17,270 18,122 18,122 19,006 19,315 17,687 17,151 17,006 19,006	400	17,274	16,283	13,428	12,512	16,067	17,025	17,494	18,603	17,875							
600 17,889 17,239 14,090 12,435 17,270 18,072 19,167 19,077 19,075 15,948 13,402 17,785 19,467 19,364 17,786 19,364 17,786 19,365 17,776 19,077 19,0	500	17,585	16,909	13,841	12,504	16,612	17,300	18,450	19,083	18,226							
TOD 1860B 17,846 14,621 12,790 18,160 18,083 20,111 20,604 19,682 16,170 13,222 19,086 11,835 17,867 17,808 100 18,001 18,001 13		17,868	17,230	14,090	12,435	17,270	18,122	19,167	19,607	19,015	15,948						
BOO 19.892 19.899 15.591 13.510 19.354 19.984 21.285 21.682 20.982 17.778 14.130 20.483 20.467 19.517 19.705 19.356 19.3	700	18,608	17,946	14,621	12,790	18,160	18,963	20,111	20,604								
900 20,878 20,275 16,689 14,983 20,214 20,851 22,779 22,007 21,107 15,208 22,107 20,112 19,908 20,241 20,775 21,203 21,107 22,270 22,270 22,007 21,203 21,107 22,270 22,270 22,007 21,107 21,203 22,007 21,107 22,270 22,007 21,107 22,270 22,007	800	19,862	19,269	15,591	13,510	19,354	19,984	21,285	21,682	20,982	17,178	14,130					
1000 21,968 20,673 17,444 15,091 21,073 21,223 22,978 23,197 22,754 18,682 16,687 23,380 21,312 19,896 20,242 20,173 21,015 21,017 21,	900	20,978	20,275	16,689	14,363	20,214	20,651	22,179	22,257	22,002	18,170	15,298					
1100 22,720 20,755 17,604 15,509 21,733 21,915 23,350 23,804 23,284 19,479 17,852 24,113 21,922 20,412 20,573 1300 23,387 21,180 17,785 16,147 22,181 22,764 24,082 24,188 24,681 19,700 19,680 26,086 22,236 20,507 21,485 14,000 24,188 24,485	1000	21,998	20,673	17,444	15,091	21,073	21,223	22,978	23,117	22,754	18,682	16,657	23,360				
1200 23.118 20,066 17,745 15,777 21,977 22,460 23,164 23,800 24,615 19,046 19,080 29,066 22,252 20,507 21,485 1400 23,459 20,141 15,177 16,414 21,745 23,859 24,165 24,580 24,661 19,700 19,080 26,066 22,252 20,507 21,485 24,616 20,330 21,224 24,616 20,330 21,224 24,616 20,330 24,616 20,33	1100	22,720	20,755	17,604	15,509	21,733	21,915	23,350	23,604	23,284	19,479	17,832					
1500 23,867 21,180 17,969 16,147 22,181 22,784 24,062 24,188 24,671 19,700 19,800 26,066 22,235 20,507 21,485 1600 23,242 20,186 18,219 17,119 21,357 23,589 24,190 25,685 24,690 20,652 20,330 26,781 21,921 20,580 21,244 22,328 22,328 24,190 25,685 24,490 22,585 24,190 25,084 21,921 20,580 21,244 22,245 22,245 23,244 22,245 24,24		23,118	20,806	17,745	15,717	21,977	22,450	23,164	23,600	24,015	19,454	18,726					
1400 22.499 20.914 19.137 16.144 21.796 23.368 24.716 24.568 24.699 20.052 19.537 26.278 22.165 20.333 21.628 24.691 20.233 26.718 21.921 20.550 21.244 20.233 22.235 20.151 19.400 17.218 21.219 23.910 25.591 23.769 25.050 19.373 20.453 26.591 21.951 20.690 21.244 20.235 22.988 20.077 19.257 17.594 20.2324 23.252 25.591 23.769 25.050 19.373 20.453 25.051 25.050 20.774 21.255 20.779 20.2579					16,147	22,181	22,764	24,052	24,188								
1500 23.242 20.986						21,796	23,368	24,716	24,558								
1600 23,235 20,151 18,400 17,218 21,219 23,610 23,760 25,050 19,373 20,531 26,691 21,595 20,174 21,324 1700 29,089 20,007 18,725 17,360 20,024 20,335 25,407 23,165 20,269 24,203 18,937 20,438 20,407 20,007 18,725 20,269 19,343 20,407 20,00					17,119	21,357	23,538	25,253	24,199	25,094							
1700					17,218	21,219	23,810	25,501	23,769	25,050	19,373	20,531	26,691	21,595	20,174		
1900 21,790 19,480 17,490 18,137 20,388 22,881 24,482 22,255 23,228 18,301 20,188 24,235 19,519 19,193 19,503 2000 20,867 19,855 18,940 17,744 20,154 20,154 22,692 22,707 17,995 20,450 23,871 19,853 19,153 20,0072 20,000 18,475 17,161 18,195 17,701 18,195 20,539 22,925 24,341 22,699 22,707 17,995 20,450 23,871 19,853 19,153 20,0072 20,000 18,479 18,593 15,154 17,301 18,155 20,043 21,837 20,456 19,474 16,403 19,184 21,238 17,639 17,651 17,977 17,975 20,000 18,479 18,195 14,				18,725	17,390	20,824		25,047	23,165	24,830	19,378	20,438	26,041	20,820	19,720		
2000 20,987 19,555 16,940 17,744 20,154 22,812 24,127 22,424 22,987 17,706 20,128 24,224 19,208 19,185 19,185 19,185 19,185 20,539 22,925 24,341 22,9434 22,9444 22,9434 22,9434 22,9434 22,9444 22,9444 22,9444							23,208		22,659	24,233	18,823	19,986	25,327	20,269	19,343	20,407	
21,220 21,280 19,985 17,116 18,195 20,539 22,925 24,341 22,859 22,707 17,995 20,450 23,971 19,635 18,453 20,072 20,000 18,849 16,593 16,154 17,301 18,515 19,764 21,455 22,011 21,179 21,196 17,230 19,900 22,732 18,877 17,535 11,535 17,977 21,196 17,479 18,000 18,450 19,900 22,732 18,877 17,535 17,595 17,977 21,196 17,479 18,000 19,900 22,732 18,977 17,595 17,595 17,595 17,977 19,000 18,450 19,000 19,						20,388	22,861	24,462	22,255	23,228	18,301	20,186	24,235	19,519	19,193	19,503	
2200 20,310 18,701 16,475 17,951 19,764 21,455 22,001 21,719 21,196 17,230 19,900 22,732 18,877 18,735 19,153 2000 18,150 14,969 14,132 16,721 17,799 18,989 20,401 19,691 17,447 15,269 18,108 19,932 16,873 16,580 17,065 17,975 18,735 17,975 18,735							22,612	24,127	22,424	22,597	17,706	20,128	24,234	19,208	19,185	19,596	
2300 18,849 15,593 15,154 17,301 18,515 20,043 21,837 20,459 18,747 16,403 19,164 21,238 17,639 17,635 17,635 17,635 24,000 18,150 14,969 14,132 16,779 18,969 20,401 19,691 17,447 15,289 18,108 19,332 16,933 16,680 17,635 17,695 17,695 17,695 18,442,02 415,478 530,141 475,628 443,698 455,444 18,164 19,							22,925	24,341	22,659	22,707	17,995	20,450	23,871	19,635	19,453	20,072	
18,150 14,969 14,132 16,721 17,799 18,989 20,401 19,691 17,447 15,289 18,108 19,332 16,973 16,880 17,085 17,085 18,933 18,935 17,1085 18,935 18,108 18,108 19,332 16,973 16,880 17,085 17,085 18,935 18,108 18,108 18,108 18,108 18,108 18,108 18,108 18,108 18,108 18,108 18,108 18,108 19,108 1							21,455	23,201	21,719	21,196	17,230	19,900	22,732	18,877	18,735	19,153	
Hell 493,604 452,223 389,861 371,845 448,020 498,140 529,190 520,699 517,518 424,202 415,478 530,141 475,628 443,698 455,444 Fiddy Salurday 8/17/2013 8/18/2013 8/19/2013 8/19/2013 8/20/						18,515	20,043	21,837	20,458	18,747	16,403	19,184	21,238	17,639	17,651	17,977	
## Friday Salurday Salurday Sunday Monday Tuesday Wotnesday Thursday Salurday Salurday Sunday Sund	2400	18,150	14,969	14,132	16,721	17,799	18,989	20,401	19,691	17,447	15,289	18,108	19,932	16,973	16,680	17,085	
elle 8/16/2013 8/17/2013 8/18/2013 8/19/2013 8/19/2013 8/20/2013 8	otal	493,604	452,223	389,861	371,845	448,020	498,140	529,190	520,699	517,518	424,202	415,478	530,141	475,628	443,698	455,444	
100 16,152 13,967 13,535 16,353 18,345 19,144 19,447 18,101 15,567 14,460 18,430 20,228 22,133 19,502 18,949 200 16,016 13,502 13,148 16,100 17,766 18,562 19,043 17,757 14,971 13,898 18,106 19,660 21,508 19,117 18,394 10,576 17,399 18,157 18,494 17,342 14,998 13,672 17,633 19,077 20,960 18,634 17,898 10,578 13,151 12,941 15,766 17,399 18,157 18,494 17,342 14,998 13,672 17,633 19,077 20,960 18,634 17,898 10,578 14,998 13,672 17,595 18,995 20,747 18,995 17,971 14,971 13,898 13,672 17,595 18,995 20,747 18,694 17,971 18,394 18,397 12,762 16,632 17,619 18,333 19,311 18,478 14,290 13,503 18,261 19,768 21,166 19,118 18,347 19,574 20,632 19,776 14,446 13,762 19,704 21,474 22,699 21,474 22,699 20,147 13,691 13,091 18,811 19,496 20,477 21,470 20,670 14,732 13,601 20,494 22,810 23,837 21,472 20,230 19,233 14,501 13,640 20,000 20,681 21,678 22,588 21,462 15,773 14,257 21,779 23,440 24,858 22,607 21,715 19,00 20,112 15,350 14,560 21,085 21,853 22,938 23,421 22,162 17,058 15,299 23,234 23,623 25,694 23,023 23,288 1000 20,818 16,314 15,752 22,373 23,029 24,094 25,109 23,289 18,210 16,473 24,669 24,992 26,188 23,600 24,644 1200 21,280 16,662 17,251 17,266 24,203 25,217 26,162 26,688 24,452 19,157 19,074 25,912 25,938 27,614 24,931 26,868 1200 21,168 17,712 17,266 24,203 25,217 26,162 26,688 24,452 19,157 19,074 25,912 25,938 27,614 24,931 26,868 17,979 19,422 24,849 26,870 27,870 19,000 21,588 17,979 28,000 24,644 1000 22,266 17,817 17,991 25,166 26,779 27,338 28,856 25,232 19,994 20,499 27,314 27,991 29,299 27,208 27,711 1500 21,908 17,712 18,884 24,649 26,807 27,870 26,222 24,936 20,751 22,944 27,991 29,299 27,208 27,711 1500 21,908 17,712 18,884 24,649 26,807 27,870 26,222 24,936 20,751 22,946 28,305 27,870 28,245 24,947 27,981 19,000 29,833 17,955 19,706 24,885 26,624 27,854 24,781 24,431 20,976 23,201 27,814 27,991 29,299 27,208 27,711 1500 21,908 17,712 18,884 24,649 26,807 27,870 26,222 24,936 20,751 22,946 28,305 27,844 27,991 29,299 27,208 27,711 1500 21,908 17,712 18,884 24,649 26,867 27,870 26,222 24,936 20,751 22,9																	Saturday
200 16,016 13,502 13,148 16,100 17,766 18,562 19,043 17,757 14,971 13,898 18,106 19,660 21,508 19,117 18,994 300 15,810 13,151 12,941 15,766 17,359 18,157 18,484 17,342 14,398 13,672 17,653 18,995 20,747 18,642 17,971 500 15,780 13,015 12,846 16,005 17,211 17,679 18,777 17,541 14,000 13,502 17,595 18,995 20,747 18,642 17,971 500 16,458 13,097 12,762 16,632 17,619 18,333 19,311 18,478 14,290 13,503 18,261 19,768 21,196 19,118 18,347 19,118 13,257 12,928 17,895 18,895 18,897 19,574 20,632 19,776 14,446 13,782 19,704 21,474 22,699 20,601 19,522 19,775 13,691 13,091 18,811 19,496 20,477 21,470 20,670 14,732 13,601 20,494 22,810 23,637 21,472 20,230 800 19,293 14,501 13,640 20,000 20,681 21,678 22,568 21,462 15,773 14,257 21,779 23,440 24,858 22,607 21,775 10,000 20,818 16,314 15,752 22,373 23,029 24,094 25,109 23,289 18,210 16,662 16,446 23,281 24,047 25,040 26,173 24,268 18,780 18,081 25,375 24,990 26,670 23,884 25,684 1200 22,6464 17,271 17,489 17,271 17,280 16,662 16,446 23,281 24,047 25,040 26,173 24,268 18,780 18,081 25,375 24,990 26,670 23,884 25,684 1000 22,1646 17,271 17,489 17,513 24,705 26,997 26,683 27,157 25,175 19,535 19,900 26,750 26,827 28,435 26,267 27,189 1500 21,686 17,771 17,991 19,482 24,894 26,975 27,189 20,803 17,995 19,402 24,894 26,975 27,189 19,000 20,783 17,995 19,402 24,894 26,975 27,870 26,222 24,936 20,751 22,946 28,035 28,000 28,334 28,180 22,286 17,997 19,442 24,894 26,975 27,870 26,222 24,936 20,751 22,946 28,035 28,006 28,364 28,334 28,151 26,954 19,000 19,555 17,122 19,247 24,015 25,309 26,550 22,666 20,259 19,439 22,785 26,755 27,996 26,681 26,455 25,557 24,980 20,267 19,268 20,267 19,364 20,499 27,344 27,991 29,299 27,208 27,711 1500 21,908 17,712 18,884 24,649 26,807 27,814 24,311 20,976 23,001 27,314 27,991 29,299 27,208 27,711 1500 21,908 17,712 18,884 24,649 26,807 27,814 24,311 20,976 23,001 27,314 27,991 29,299 27,208 27,711 1500 21,908 17,712 18,884 24,649 26,807 27,814 24,311 20,976 23,001 27,314 27,991 29,299 27,208 27,711 1500 21,908 17,712 19,247 24,015 25,309 26,550 2	ate our	8/16/2013	8/1//2013	8/18/2013	8/19/2013	8/20/2013	8/21/2013	8/22/2013	8/23/2013	8/24/2013	8/25/2013	8/26/2013	8/27/2013	8/28/2013	8/29/2013	8/30/2013	8/3
300 15,810 13,151 12,941 15,766 17,359 18,157 18,484 17,342 14,398 13,672 17,633 19,077 20,980 18,634 17,988 400 15,780 13,015 12,846 16,005 17,211 17,879 18,777 17,541 14,080 13,502 17,595 18,995 20,747 18,642 17,971 18,347 12,752 16,632 17,619 18,333 19,311 18,478 14,280 13,503 18,261 19,768 21,196 19,118 18,347 600 17,184 13,257 12,928 17,885 18,837 19,574 20,632 19,776 14,446 13,762 19,704 21,474 22,699 20,601 19,522 18,000 19,293 14,501 13,640 20,000 20,681 21,678 22,568 21,462 15,773 14,257 21,779 23,440 24,658 22,607 21,715 900 20,112 15,350 14,580 21,085 21,883 22,938 23,441 22,162 17,088 16,299 23,234 23,823 25,694 23,023 23,288 1000 20,818 16,314 15,752 22,373 23,029 24,094 25,109 23,289 18,210 16,473 24,669 24,392 26,188 23,600 24,644 1100 21,280 16,662 16,446 23,281 24,047 25,040 26,173 24,268 18,780 116,081 17,215 17,248 17,513 24,705 26,397 26,963 27,157 25,175 19,535 19,900 26,750 28,927 28,435 26,267 27,159 1400 22,296 17,817 17,286 24,203 25,217 26,152 26,688 24,462 19,157 19,535 19,900 26,750 28,927 28,435 26,267 27,159 1400 22,296 17,817 17,891 25,196 26,779 27,338 26,866 25,232 19,994 20,499 27,314 27,991 29,299 27,208 27,711 1500 21,908 17,712 18,884 24,648 26,807 27,614 26,677 25,095 20,191 21,934 27,979 28,002 29,083 27,715 18,000 21,908 17,712 18,884 24,648 26,807 27,614 26,677 25,095 20,191 21,934 27,979 28,002 29,083 27,716 26,202 24,936 20,751 22,946 28,035 28,008 28,875 28,381 27,918 1000 20,783 17,995 19,402 24,894 26,697 27,738 26,569 24,936 20,751 22,946 28,035 28,008 28,875 28,381 27,918 1000 20,783 17,995 19,402 24,644 26,697 27,733 23,659 23,944 20,491 22,946 28,035 28,008 28,875 28,381 27,918 1000 20,783 17,995 19,402 24,894 26,697 27,733 23,659 23,944 20,491 22,946 28,035 28,008 28,875 28,381 27,918 1000 20,783 17,995 19,402 24,894 26,697 27,733 23,659 23,944 20,491 22,946 28,035 28,008 28,875 28,381 27,918 1000 20,783 17,995 19,402 24,494 26,697 27,733 23,659 23,944 20,491 22,946 28,035 28,008 28,875 28,381 27,918 1000 20,783 17,995 19,402 24,404 26,697 27,733 23,659 23,944											14,460	18,430	20,228	22,133	19,502	18,949	1
400 15,780 13,015 12,846 16,005 17,211 17,879 18,777 17,541 14,080 13,502 17,595 18,995 20,747 18,642 17,971 500 16,458 13,097 12,762 16,632 17,619 18,333 19,311 18,478 14,280 13,503 18,261 19,768 21,196 19,118 18,347 800 17,184 13,257 12,528 17,885 18,887 19,574 20,632 19,776 14,446 13,782 19,704 21,474 22,699 20,601 19,522 700 17,735 13,691 13,091 18,811 19,486 20,477 21,470 20,670 14,732 13,601 20,484 22,810 23,637 21,472 20,230 800 19,293 14,501 13,640 20,000 20,681 21,678 22,568 21,462 15,773 14,257 21,779 23,440 24,858 22,607 21,715 900 20,112 15,355 14,580 21,085 21,853 22,988 23,421 22,162 17,058 15,299 23,234 23,623 25,684 23,023 23,288 1000 20,818 16,314 15,752 22,373 23,029 24,094 25,109 23,289 18,210 16,473 24,689 24,392 26,198 23,600 24,644 1200 21,646 17,271 17,286 24,203 25,217 26,152 26,688 24,462 19,157 19,074 25,912 25,938 27,614 24,931 26,688 1300 22,312 17,458 17,513 24,705 26,997 26,693 27,157 25,175 19,535 19,900 26,750 26,927 28,435 26,267 27,169 1400 22,296 17,817 17,919 25,196 26,719 27,338 26,866 20,751 29,944 27,979 28,002 29,083 27,208 27,711 1500 21,908 17,712 18,884 24,649 26,807 27,614 26,677 25,095 20,191 21,934 27,979 28,002 29,083 27,208 27,711 1500 21,908 17,712 18,884 24,649 26,807 27,614 26,677 25,095 20,191 21,934 27,979 28,002 29,083 27,866 27,987 1600 21,568 17,979 19,422 24,894 26,807 27,733 28,689 20,751 22,498 20,751 22,498 20,771 22,498 20,771 18,640 20,779 19,422 24,894 26,675 27,783 1800 20,297 17,862 19,435 25,007 26,278 27,733 23,689 20,964 20,491 22,896 27,384 27,979 28,002 29,083 27,866 27,987 1600 21,568 17,979 19,422 24,894 26,675 27,870 26,522 24,936 20,751 22,946 28,035 28,008 28,875 28,361 27,981 1800 20,297 17,862 19,435 25,007 26,278 27,733 23,689 20,964 20,491 22,896 27,384 27,712 29,299 27,208 27,713 1800 20,297 17,862 19,435 25,007 26,684 27,854 24,781 24,431 20,976 23,201 27,612 27,847 28,222 27,868 27,783 1800 20,297 17,862 19,435 25,007 26,684 27,854 24,781 24,431 20,976 23,300 22,314 22,366 25,369 27,366 23,369 27,866 22,259 19,439 22,785 26,015 27				13,148		17,766	18,562	19,043	17,757	14,971	13,898	18,106	19,660	21,508	19,117	18,394	
500 16,458 13,097 12,762 18,632 17,619 18,333 19,311 18,478 14,290 13,503 18,261 19,768 21,196 19,118 18,347 600 17,184 13,257 12,928 17,885 18,837 19,574 20,632 19,776 14,446 13,782 19,704 21,474 22,699 20,601 19,522 19,776 14,446 13,782 19,704 21,474 22,699 20,601 19,522 19,776 14,446 13,782 19,704 21,474 22,699 20,601 19,522 19,776 14,446 13,782 19,704 21,474 22,699 20,601 19,522 19,776 19,000 19,293 14,501 13,640 20,000 20,681 21,678 22,568 21,462 15,773 14,257 21,779 23,440 24,858 22,607 21,715 10,000 20,112 15,350 14,580 21,085 21,853 22,938 23,421 22,162 17,058 15,299 23,234 23,823 25,694 23,023 23,288 10,000 20,811 16,662 16,446 23,281 24,047 25,040 26,173 24,268 18,780 18,081 25,375 24,990 26,670 23,884 25,684 1200 21,686 17,271 17,286 24,203 25,217 26,152 26,688 24,452 19,157 19,074 25,912 25,938 27,614 24,931 26,868 1200 22,296 17,817 17,991 25,196 26,719 27,338 26,856 25,232 19,994 20,499 27,314 27,991 29,299 27,208 27,711 1500 21,908 17,712 18,884 24,649 26,807 27,814 26,675 27,878 19,000 20,783 17,995 19,706 24,885 26,624 27,854 24,781 24,481 20,976 23,001 27,612 27,847 28,622 28,427 27,783 1800 20,297 17,662 19,455 26,002 26,550 22,866 23,269 19,439 22,761 29,986 27,380 28,346 28,334 28,151 26,954 19,000 20,783 17,995 19,706 24,885 26,624 27,854 24,781 24,431 20,976 23,201 27,612 27,847 28,622 28,427 27,783 1800 20,297 17,662 19,455 25,007 26,278 27,723 23,669 20,791 19,001 22,946 27,340 27,949 27,128 26,002 25,941 20,000 19,555 17,112 19,247 24,015 25,099 23,664 20,491 22,986 27,380 28,346 28,334 28,151 26,954 19,000 19,554 17,076 19,206 23,500 24,764 25,654 22,856 22,259 19,401 22,564 25,642 27,128 26,661 26,455 25,567 24,980 15,978 17,102 19,247 24,015 25,099 24,664 22,369 29,961 37,775 22,664 21,880 20,297 17,662 29,661 26,455 25,567 24,980 20,676 23,001 27,671 25,544 24,241 22,002 21,564 21,880 20,001 29,578 22,142 22,164 23,096 23,664 20,491 22,966 27,380 28,346 28,334 28,151 26,654 24,680 20,480 20,480 20,480 20,480 20,480 20,480 20,480 20,480 20,480 20,480 20,480 20,480 20,480 20,480 20,4								18,484	17,342	14,398	13,672	17,633	19,077	20,980	18,634	17,898	
600 17,184 13,257 12,928 17,885 18,837 19,574 20,632 19,776 14,446 13,782 19,704 21,474 22,699 20,601 19,522 700 17,735 13,691 13,091 18,811 19,496 20,477 21,470 20,670 14,732 13,601 20,494 22,810 23,637 21,472 20,230 800 19,293 14,501 13,684 20,000 20,681 21,678 22,568 21,462 15,773 14,257 21,779 23,440 24,858 22,607 21,715 800 20,112 15,350 14,580 21,085 21,853 22,938 23,421 22,162 17,058 15,299 23,234 23,823 25,694 23,023 23,288 800 20,818 16,314 15,752 22,373 23,029 24,094 25,109 23,289 18,210 16,473 24,669 24,392 26,198 23,600 24,644 1100 21,280 16,662 16,446 23,281 24,047 25,040 26,173 24,268 18,780 18,081 25,375 24,990 26,670 23,884 1200 21,646 17,271 17,266 24,203 25,217 26,152 26,668 24,452 19,157 19,074 25,912 25,938 27,614 24,931 26,868 1300 22,312 17,458 17,513 24,705 26,397 26,663 27,157 25,175 19,535 19,900 26,750 26,927 28,435 26,267 27,159 1400 22,296 17,817 17,991 25,196 26,719 27,338 26,856 25,232 19,994 20,499 27,314 27,991 29,299 27,208 27,711 1500 21,908 17,712 18,884 24,649 26,807 27,614 26,677 25,095 20,191 21,934 27,979 28,002 29,083 27,866 27,987 1600 21,568 17,979 19,422 24,894 26,975 27,870 26,222 24,936 20,751 22,946 28,035 28,008 28,875 28,361 27,918 1700 20,783 17,995 19,706 24,885 26,624 27,854 24,781 24,431 20,976 23,201 27,612 27,847 28,622 28,427 27,783 1800 20,297 17,862 19,435 25,007 26,278 27,723 23,659 23,964 20,491 22,986 27,384 27,999 28,002 29,083 27,866 27,987 1900 19,556 17,122 19,247 24,015 25,009 26,550 22,966 23,027 19,701 22,534 26,329 27,844 27,128 26,902 25,587 2100 19,584 17,076 19,206 23,600 24,764 25,654 22,856 22,259 19,439 22,785 26,015 27,996 26,681 26,455 25,587 21,000 19,584 17,076 19,206 23,600 24,764 25,664 25,664 25,664 25,664 27,856 22,259 19,439 22,785 26,015 27,996 26,681 26,455 25,587 21,000 19,584 17,076 19,206 23,600 24,764 25,664 25,664 22,856 22,259 19,439 22,785 26,015 27,996 26,681 26,455 25,587 21,000 19,584 17,076 19,206 23,600 24,764 25,664 22,856 22,259 19,439 22,785 26,015 27,996 26,681 26,455 25,587 24,988 24,000 19,584 17,076 19,206 23										14,080	13,502	17,595	18,995	20,747	18,642	17,971	
700 17,735 13,691 13,091 18,811 19,496 20,477 21,470 20,670 14,732 13,601 20,494 22,810 23,637 21,472 20,230 800 19,293 14,501 13,640 20,000 20,681 21,678 22,568 21,462 15,773 14,257 21,779 23,440 24,888 22,607 21,715 900 20,112 15,350 14,580 21,085 21,853 22,938 23,421 22,162 17,088 15,299 23,234 23,823 25,694 23,023 23,288 1000 20,818 16,314 15,752 22,373 23,029 24,094 25,109 23,289 18,210 16,473 24,669 24,392 26,188 23,600 24,644 1100 21,280 16,662 16,446 23,281 24,047 25,040 26,173 24,268 18,780 18,081 25,375 24,990 26,670 23,884 25,684 1200 21,646 17,271 17,286 24,203 25,217 26,152 26,688 24,452 19,157 19,074 25,912 25,938 27,614 24,931 26,868 1300 22,312 17,458 17,513 24,705 26,397 26,963 27,157 25,175 19,555 19,900 26,750 26,927 28,435 26,267 27,159 1400 22,296 17,817 17,991 25,196 26,719 27,338 26,856 25,232 19,994 20,499 27,314 27,991 29,299 27,208 27,711 1500 21,908 17,712 18,884 24,649 26,807 27,614 26,677 25,095 20,191 21,334 27,979 28,002 29,083 27,866 27,987 1600 21,568 17,979 19,422 24,894 26,697 27,854 24,781 24,431 20,976 23,201 27,612 27,847 28,622 28,427 27,783 1800 20,297 17,862 19,435 25,007 26,278 27,723 23,659 23,964 20,491 22,986 27,380 28,346 28,334 28,151 26,954 19,000 19,575 17,122 19,447 24,015 25,309 26,550 22,966 23,027 19,701 22,534 26,329 27,844 27,128 26,902 25,691 20,000 19,575 17,122 19,447 24,015 25,309 26,550 22,966 23,027 19,701 22,534 26,329 27,844 27,128 26,902 25,691 20,000 19,575 17,122 19,447 24,015 25,309 26,550 22,966 23,027 19,701 22,534 26,329 27,844 27,128 26,902 25,587 21,000 19,584 16,892 19,170 23,621 25,008 26,550 22,966 23,027 19,701 22,534 26,329 27,844 27,128 26,902 25,587 21,000 19,584 16,892 19,170 23,661 25,008 26,550 22,966 23,027 19,701 22,534 26,329 27,844 27,128 26,902 25,587 21,000 19,584 16,892 19,170 23,621 25,008 26,550 22,966 23,027 19,701 22,534 26,329 27,844 27,128 26,902 25,587 21,000 19,584 16,892 19,170 23,621 25,008 26,550 22,966 23,027 19,701 22,534 26,329 27,844 22,124 22,124 22,124 21,886 22,1342 23,000 18,184 16,133 18,687 22,164 23,06										14,290	13,503	18,261	19,768	21,196	19,118	18,347	
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2400 14,040 14,114 10,920 18,373 20,118 20,448 18,717 10,436 15,172 19,000 21,175 23,094 20,598 20,116 20,091	2200																

543,250

515,770 420,782

439,224 560,603

Maximum

588,280 602,527 565,447 561,171

12,435 Grand Total

29,299 Minimum

478,796

15,097,778

Total

454,636

362,898

393,143 511,090 540,855 561,669



GENERATING ASSOCIATION

Omega Joint Venture Two INVOICE NUMBER: 179264

1111 Schrock Rd, Suite 100 **INVOICE DATE:** 9/4/2013

COLUMBUS, OHIO 43229 **DUE DATE**: 9/16/2013

PHONE: (614) 540-1111 **TOTAL AMOUNT DUE:** \$311.26

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

CUSTOMER P.O. #:

City of Napoleon

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

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

OMEGA JV2 POWER INVOICE - August, 2013

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

FIXED RATE CHARGE: 264 kW * \$1.07 / kW = \$282.53

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 = \$28.73

TOTAL CHARGES \$311.26



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: 178923

INVOICE DATE: 9/5/2013

DUE DATE: 9/20/2013

TOTAL AMOUNT DUE: \$66,920.08

CUSTOMER NUMBER: 5020

CUSTOMER P.O. NUMBER: BL980397

MAKE CHECKS PAYABLE TO: **OMEGA JV5**

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

FOR THE MONTH/YEAR OF: August, 2013 **DEMAND CHARGES:**

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

Base Operating Expense Demand Charge:	\$3.764245	/ kW *	3,088 kW =	\$11,623.99
Seca Associated with JV5.	\$0.000000	/ kW *	3,088 kW =	\$0.00
TOTAL DEMAND CHARGES:	\$3.764245	/ kW *	3,088 kW =	\$11,623.99
ENERGY CHARGES:	A A A A A A A A B A B A B B B B B B B B B B	(1)4(1) #	0.007.470.144	A == 000 00
JV5 Repl. Pwr. & Variable (Budgeted Rate):	\$0.024068	/ kWh *	2,297,472 kWh =	\$55,296.09
JV5 Fuel Cost (Actual Expense):	\$0.000000	/ kWh *	2,297,472 kWh =	\$0.00
TOTAL ENERGY CHARGES:	\$0.024068	/ kWh *	2,297,472 kWh =	\$55,296.09

SUB-TOTAL \$66,920.08

Total OMEGA JV5 Invoice:



Columbus, Ohio 43229 Phone: (614) 540-1111 Fax: (614) 540-1078 Do Not Pay Paid by E-Pay American Municipal PWR Inc INVOICE NUMBER: 178965

INVOICE DATE: 9/5/2013

DUE DATE: 9/20/2013

TOTAL AMOUNT DUE: \$64,474.06

CUSTOMER NUMBER: 5020

CUSTOMER P.O. NUMBER: BL980397

MAKE CHECKS PAYABLE TO: OMEGA JV5

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.

Debt Service - OMEGA JV5

FOR THE MONTH/YEAR OF:	September, 2013				
Financing CHARGES: Base Financing Principal Payment: Base Financing Interest Payment:		\$13.306145 \$7.572760	/ kW * / kW *	3,088 kW = 3,088 kW =	\$41,089.38 \$23,384.68
TOTAL Financing CHARGES:		\$20.878905	/ kW *	3,088 kW =	\$64,474.06

SUB-TOTAL \$64,474.06

Total OMEGA JV5 Financing Invoice:



AMERICAN MUNICIPAL POWER, INC.

1111 Schrock Rd, Suite 100 COLUMBUS, OHIO 43229 PHONE: (614) 540-1111 FAX: (614) 540-1078 INVOICE NUMBER: 178889

INVOICE DATE: 9/2/2013

DUE DATE: 9/17/2013

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.

Omega JV6

Project Capacity: 300 kW

Year 2013

Demand Charge

300 Kw * 11.77 per kW-Month

Total

Do Not Pay

Paid by E-Pay American Municipal PWR Inc

Ray Merrill

614-540-0914

Principal \$3,510.20

AMOUNT DUE FOR September, 2013 - Interest \$20.80

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: 178879

INVOICE DATE: 9/2/2013

DUE DATE: 9/17/2013

\$1,352.13

CUSTOMER NUMBER: 5020

CUSTOMER P.O. #:

TOTAL AMOUNT DUE:

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 2013

Electric Fixed

300 Kw * 4.51 per kW-Month

-Month <u>Total</u>

September, 2013 - Electric Fixed \$1,352.13

AMOUNT DUE FOR:

TOTAL CHARGES \$1,352.13

BILLING DETERMINAN	TS fo	r BILL	ING CYC	LE - OC1	OBER,	<u> 2013</u>									
OCTOBER, 2013															
2013 - OCTOBER BILLING WITH SEPT	EMBER 2		A BILLING UNI	TS			Cost / kWH	Oct-12				Nov-12			
Class and/or	Rate	Sep-13 # of	Sep-13	Sep-13	Billed kVa	Cost / kWH		# of	Oct-12	Oct-12	Cost / kWH	# of	Nov-12	Nov-12	Cost / kWH
Schedule	Code	Bills	(kWh Usage)	Billed	of Demand	For Month	Average	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month
Residential (Dom-In)	E1	3,346	2,681,569	\$298,444.75	0. 20	\$0.1113	\$0.1078	3.345	2,734,209	\$260,427.08		3.340	1,712,390	\$175,969.61	:
Residential (Dom-In) w/Ecosmart	E1E	10	7,252	\$812.85	0	\$0.1121	\$0.1102	0,0.0	2,701,200	\$0.00	\$0.0000	0,0.0	0	\$0.00	
Residential (Dom-In - All Electric)	E2	611	434,612	\$48,781.14	0	\$0.1122	\$0.1052	615	457,148	\$43,877.60	\$0.0960	616	326,201	\$33,400.85	
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	726	\$81.37	0	\$0.1121	\$0.1096	0	0	\$0.00	\$0.0000	0	0	\$0.00	· ·
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Total Residential (Domestic)		3,968	3,124,159	\$348,120.11	0	\$0.1114	\$0.1073	3,960	3,191,357	\$304,304.68	\$0.0954	3,956	2,038,591	\$209,370.46	\$0.1027
Residential (Rural-Out)	ER1	751	783,642	\$92,537.54	0	\$0.1181	\$0.1135	739	764,117	\$78,154.40	\$0.1023	740	535,533	\$58,690.66	\$0.1096
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,850	\$349.38	0	\$0.1226	\$0.1196	0	0	\$0.00	\$0.0000	0	_	\$0.00	
Residential (Rural-Out - All Electric)	ER2	389	434,293	\$51,014.09	0	\$0.1175	\$0.1116	391	425,422	\$43,300.05	\$0.1018	390	333,451	\$35,806.28	
Res. (Rural-Out - All Electric) w/Ecosma		2		\$171.69	0	\$0.1228	\$0.1125	0	0	\$0.00	\$0.0000	0		\$0.00	
Residential (Rural-Out w/Dmd)	ER3	15	14,139	\$1,682.82	108	\$0.1190	\$0.1107	15	14,186	\$1,462.41	\$0.1031	15		\$1,765.68	
Residential (Rural-Out - All Electric w/Dn	ER4	9	10,130	\$1,188.67	72	\$0.1173	\$0.1113	10	12,246	\$1,233.89	\$0.1008	10	15,361	\$1,568.48	\$0.1021
															<u> </u>
Total Residential (Rural)		1,170	1,246,452	\$146,944.19	180	\$0.1179	\$0.1127	1,155	1,215,971	\$124,150.75	\$0.1021	1,155	901,237	\$97,831.10	\$0.1086
Commercial (1 Ph-In - No Dmd)	EC2	75		\$6,070.62	13	\$0.1419	\$0.1377	74	40,749	\$4,964.05		73		\$4,028.13	
Commercial (1 Ph-Out - No Dmd)	EC2O	41	13,545	\$2,131.66	0	\$0.1574	\$0.1530	40	11,306	\$1,612.70	\$0.1426	40	10,055	\$1,493.07	\$0.1485
						<u> </u>									
Total Commercial (1 Ph) No Dmd		116	56,325	\$8,202.28	13	\$0.1456	\$0.1415	114	52,055	\$6,576.75	\$0.1263	113	41,392	\$5,521.20	\$0.1334
						<u> </u>									<u> </u>
Commercial (1 Ph-In - w/Demand)	EC1	267	396,656	\$53,976.78	2185	\$0.1361	\$0.1320	265	408,645	\$46,613.93	\$0.1141	263	314,268	\$38,600.36	\$0.1228
Commercial (1 Ph-Out - w/Demand)	EC10	25	37,182	\$5,070.66	208	\$0.1364	\$0.1314	26	34,073	\$3,988.01	\$0.1170	26	29,657	\$3,658.55	\$0.1234
															-
Total Commercial (1 Ph) w/Demand		292	433,838	\$59,047.44	2,393	\$0.1361	\$0.1320	291	442,718	\$50,601.94	\$0.1143	289	343,925	\$42,258.91	\$0.1229
Commercial (3 Ph-Out - No Dmd)	EC4O	2	0	\$36.00	3	\$0.0000	\$0.1438	2	0	\$36.00	\$0.0000	2	0	\$36.00	\$0.0000
															-
Total Commercial (3 Ph) No Dmd		2	0	\$36.00	3	\$0.0000	\$0.1438	2	0	\$36.00	\$0.0000	2	0	\$36.00	\$0.0000
Commercial (3 Ph-In - w/Demand)	EC3	208	1,740,302	\$208,949.03	6070	\$0.1201	\$0.1146	199	1,944,847	\$192,197.43	\$0.0988	201	1,649,795	\$166,153.20	\$0.1007
Commercial (3 Ph-Out - w/Demand)	EC3O	34	248,138	\$30,514.72	1028	\$0.1230	\$0.1189	33	246,609	\$25,302.69	\$0.1026	32	320,986	\$33,186.01	\$0.1034
Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	2	106,920	\$12,144.04	368	\$0.1136	\$0.1070	2	128,440	\$11,814.46	\$0.0920	2	132,080	\$12,068.67	\$0.0914
Commercial (3 Ph-In - w/Demand, No Ta		1	4,280	\$519.86	18	\$0.1215	\$0.1182	1	5,440	\$522.80	\$0.0961	1	4.040	\$415.97	
							*				*				
Total Commercial (3 Ph) w/Demand		245	2,099,640	\$252,127.65	7,484	\$0.1201	\$0.1147	235	2,325,336	\$229,837.38	\$0.0988	236	2,106,901	\$211,823.85	\$0.1005
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Large Power (In - w/Dmd & Rct)	EL1	24	2,825,165	\$263,358.88	6244	\$0.0932	\$0.0924	26	3,858,546	\$305,788.43	\$0.0792	26	3,585,563	\$295,809.50	\$0.0825
Large Power (In - w/Dmd & Rct, w/SbCr)		2	65,640	\$13,082.45	560	\$0.1993	\$0.1432	2	67,080	\$8,021.35	\$0.1196	2	73,560	\$8,298.94	
Large Power (Out - w/Dmd & Rct)	EL10	1	93,060	\$10,633.53	315	\$0.1143	\$0.1114	1	84,960	\$8,129.96	\$0.0957	1	57,780	\$6,358.18	
Large Power (Out - w/Dmd & Rct, w/Sb0		2		\$35,608.24	944	\$0.1001	\$0.0999	2	395,760	\$33,918.49		2		\$31,080.96	
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2		\$13,676.28	571	\$0.1835	\$0.1217	2	72,978	\$11,884.43		2		\$6,162.01	
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Total Large Power		31	3,414,056	\$336,359.38	8,634	\$0.0985	\$0.0959	33	4,479,324	\$367,742.66	\$0.0821	33	4,116,403	\$347,709.59	\$0.0845
Total Large Fower		, , , , , , , , , , , , , , , , , , ,	0,414,000	φοσο,σσσ.σσ	0,004	ψ0.0000	ψ0.0000		4,470,024	ψοστ,1 1 2.00	Ψ0.0021	- 00	4,110,400	φο-1,100.00	ψ0.00+0
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	2	1,936,770	\$156,832.64	3527	\$0.0810	\$0.0798	1	1,147,180	\$80,891.19	\$0.0705	1	1,100,838	\$80,039.40	\$0.0727
Industrial (In - w/Dmd & Rct, W/SbCr)	El2	1	1,189,366	\$93,753.89	1970	\$0.0810	\$0.0730	1	722,186	\$56,299.68	\$0.0703	1	412,665	\$37,114.15	
maceniar (iii w/billa a riot, 140/0001)	-14		1,700,000	Ψου, 1 ου.09	1970	ψ0.0700	Ψ0.0020		722,100	Ψου,2ου.00	Ψ0.0760		-12,000	φ37,114.13	Ψ0.0093
Total Industrial		3	3,126,136	\$250,586.53	5,497	\$0.0802	\$0.0805	2	1,869,366	\$137.190.87	\$0.0734	2	1,513,503	\$117,153.55	\$0.0774
		H	5,720,100	4_00,000.00	5,457	ψ0.0002	ψυ.ουσο		.,505,000	Ţ.57,100.07	Ψ0.0704	l	.,510,000	ψ,100.00	ψ0.0774
Interdepartmental (In - No Dmd)	ED1	49	88,393	\$9,034.02	18	\$0.1022	\$0.0965	49	85,346	\$7,372.78	\$0.0864	49	89,813	\$8,046.07	\$0.0896
Interdepartmental (Out - No Dmd)	ED10	1		\$0.00	10	\$0.0000	\$0.0956	1	00,040	\$0.00		1	00,010	\$0.00	
Interdepartmental (In - w/Dmd)	ED2	20		\$26,497.58	939	\$0.0998	\$0.0943	20	255,936	\$21,542.71	\$0.0842	20		\$17,159.98	
Generators (JV2 Power Cost Only)	GJV2	1	7,858	\$319.03	53	\$0.0406		2	20,758	\$445.05		2		\$451.10	
Generators (JV5 Power Cost Only)	GJV5	1	12,084	\$490.61	20	\$0.0406	\$0.0000	1	12,583	\$269.78		1	13,812	\$291.30	
(2.2.2.2 (2.2.2.2 3.0.0 2.2.2 2))						\$0.0.50	÷2.0000		,		70.0214			Ψ2000	
Total Interdepartmental		72	373,900	\$36,341.24	1,030	\$0.0972	\$0.0902	73	374,623	\$29,630.32	\$0.0791	73	322,263	\$25,948.45	\$0.0805
						, , , , , ,									. ,,,,,,,,,
SUB-TOTAL CONSUMPTION & DEMA	ND	5,899		\$1,437,764.82		\$0.1036	\$0.1007	5,865	13,950,750	\$1,250,071.35	\$0.0896	5,859	11,384,215	\$1,057,653.11	\$0.0929
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•	SLO	16	0	\$14.20	n	\$0.0000	\$0.0000	16	n	\$14.20	\$0.0000	16	n	\$14.20	\$0.0000
Street Lights (In)					•							- 0			
Street Lights (In) Street Lights (Out)		2	n	\$0.77	l .	so oooo	so ooon	2	0	80 77	. 201 (101)		0	-81 15	
Street Lights (In) Street Lights (Out)	SLOO	2	0	\$0.77		\$0.0000	\$0.0000	2		\$0.77	\$0.0000			-\$1.15	ψο.σσσσ
Street Lights (Out)					0							1R			-
		18			0		\$0.0000	18	0	\$14.97		18	0	-\$1.15 \$13.05	-
Street Lights (Out)			0	\$14.97		\$0.0000	\$0.0000		0	\$14.97	\$0.0000		0	\$13.05	\$0.0000

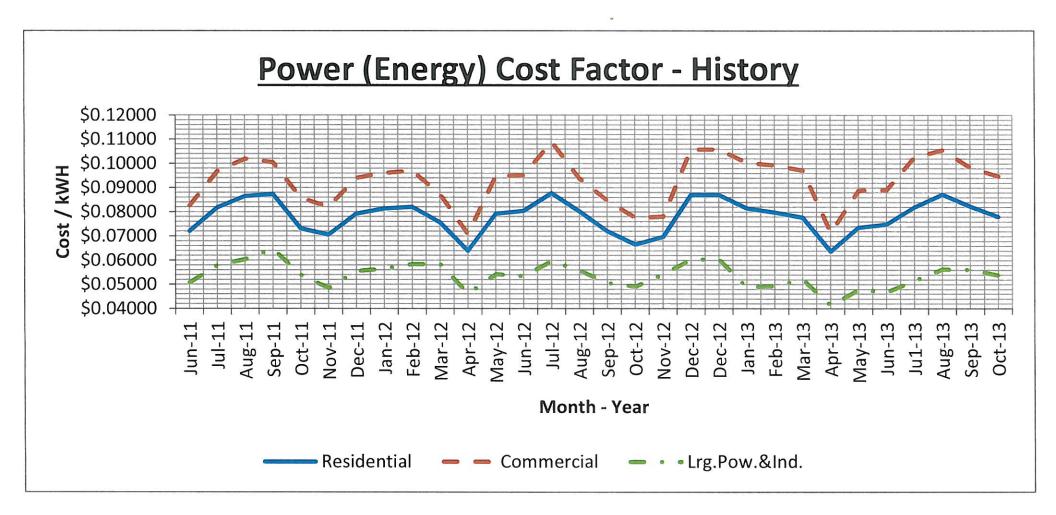
BILLING DETERMINANTS fo	L																
OCTOBER, 2013																	
2013 - OCTOBER BILLING WITH SEPTEMBER 2																	
Olass and/an	Dec-12			01/134/11	Jan-13			04/13991	Feb-13			04/13001	Mar-13			01/134/11	Apr-13
Class and/or Rate	# of	Dec-12	Dec-12	Cost / kWH	# of	Jan-13	Jan-13	Cost / kWH	# of	Feb-13	Feb-13	Cost / kWH	# of	Mar-13	Mar-13	Cost / kWH	# of
Schedule Code Residential (Dom-In) E1	3,356	(kWh Usage) 1,965,727	<u>Billed</u> \$233,374.50	For Month \$0.1187	3,346	(kWh Usage) 2,133,099	<u>Billed</u> \$239,663.29	For Month \$0.1124	<u>Bills</u> 3,345	(kWh Usage) 2,364,247	<u>Billed</u> \$259,452.84	For Month \$0.1097	3,336	(kWh Usage) 2,423,390	<u>Billed</u> \$260,201.12	For Month \$0.1074	<u>Bills</u> 3,333
Residential (Don-In) w/Ecosmart E1E	3,336	1,965,727		\$0.0000	0,346	2,133,099	\$0.00	\$0.1124	0,343	2,364,247	\$0.00	\$0.0000	3,336	2,423,390	\$0.00	\$0.0000	3,333
Residential (Dom-In - All Electric) E2	622	475,726		\$0.1163	613	566,345	\$61,973.79	\$0.1094	610	715,541	\$76,089.63	\$0.1063	617	812,108	\$84,159.34	\$0.1036	616
Res.(Dom-In - All Elec.) w/Ecosmart E2E	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	1
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Total Residential (Domestic)	3,978	2,441,453	\$288,711.17	\$0.1183	3,959	2,699,444	\$301,637.08	\$0.1117	3,955	3,079,788	\$335,542.47	\$0.1089	3,953	3,235,498	\$344,360.46	\$0.1064	3,959
Residential (Rural-Out) ER1	738	687,628	\$85,202.59	\$0.1239	737	750,656	\$88,165.09	\$0.1175	737	890,190	\$101,656.64	\$0.1142	735	885,721	\$99,257.67	\$0.1121	732
Residential (Rural-Out) w/Ecosmart ER1E Residential (Rural-Out - All Electric) ER2	390	442,218	\$0.00 \$53,949.94	\$0.0000 \$0.1220	389	492,368	\$0.00 \$56,884.99	\$0.0000 \$0.1155	389	608,114	\$0.00 \$68,290.80	\$0.0000 \$0.1123	390	617,440	\$0.00 \$67,957.80	\$0.0000 \$0.1101	388
Res. (Rural-Out - All Electric) w/Ecosmar ER2E	390	442,210	\$0.00	\$0.0000	309	492,300	\$0.00	\$0.0000	309	000,114	\$0.00	\$0.0000	390	017,440	\$0.00	\$0.0000	300
Residential (Rural-Out w/Dmd) ER3	15	88,829		\$0.0000	15	112,961	\$12,250.97	\$0.0000	15	19,557	\$2,220.41	\$0.0000	15	17,909	\$2,008.27	\$0.0000	15
Residential (Rural-Out - All Electric w/Dm ER4	10	24,324	\$2,848.41	\$0.1171	10	15,440	\$1,760.32	\$0.1140	10	11,785	\$1,348.57	\$0.1144	10		\$1,565.60	\$0.1109	
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Total Residential (Rural)	1,153	1,242,999	\$152,167.85	\$0.1224	1,151	1,371,425	\$159,061.37	\$0.1160	1,151	1,529,646	\$173,516.42	\$0.1134	1,150	1,535,193	\$170,789.34	\$0.1112	1,151
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Commercial (1 Ph-In - No Dmd) EC2	71	35,851	\$5,454.44	\$0.1521	72	41,306	\$5,937.20	\$0.1437	76	45,976	\$6,511.14	\$0.1416	73		\$6,274.97	\$0.1391	73
Commercial (1 Ph-Out - No Dmd) EC2O	40	15,970	\$2,531.11	\$0.1585	40	11,373	\$1,878.72	\$0.1652	40	13,986	\$2,185.06	\$0.1562	40	14,748	\$2,246.99	\$0.1524	40
Total Commercial (1 Dh) No Dred	444	51,821	#7.00F.FF	PO 1541	110	52,679	\$7,815.92	DO 1404	116	59,962	#0.000.00	₾0 1450	110	FO 054	#0 F04 06	CO 1404	113
Total Commercial (1 Ph) No Dmd	111	51,821	\$7,985.55	\$0.1541	112	52,679	\$7,815.92	\$0.1484	116	59,962	\$8,696.20	\$0.1450	113	59,854	\$8,521.96	\$0.1424	113
Commercial (1 Ph-In - w/Demand) EC1	263	296,697	\$44,055.55	\$0.1485	264	307,175	\$43,257.37	\$0.1408	265	335,728	\$45,919.15	\$0.1368	263	360,372	\$47,972.91	\$0.1331	264
Commercial (1 Ph-Int - w/Demand) EC10	26	29,713	\$4,457.13	\$0.1500	26	33,681	\$4,729.38	\$0.1408	26	37,944	\$5,136.07	\$0.1354	26	41,784	\$5,425.31	\$0.1331	25
Commercial (1111 Gut W/Bernana)		20,710	Ψ+,+07.10	ψ0.1000			Ψ4,720.00	ψ0.1404				ψ0.1004			Ψ0,420.01	ψ0.1200	
Total Commercial (1 Ph) w/Demand	289	326,410	\$48,512.68	\$0.1486	290	340,856	\$47,986.75	\$0.1408	291	373,672	\$51,055.22	\$0.1366	289	402,156	\$53,398.22	\$0.1328	289
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Commercial (3 Ph-Out - No Dmd) EC4O	2	2,920	\$410.70	\$0.1407	2	13,000	\$1,629.07	\$0.1253	2	3,680	\$483.82	\$0.1315	2	920	\$146.23	\$0.1589	2
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Total Commercial (3 Ph) No Dmd	2	2,920	\$410.70	\$0.1407	2	13,000	\$1,629.07	\$0.1253	2	3,680	\$483.82	\$0.1315	2	920	\$146.23	\$0.1589	2
Commercial (3 Ph-In - w/Demand) EC3	202	1,433,364	\$186,473.94	\$0.1301	203	1,441,090	\$177,112.82	\$0.1229	201	1,415,555	\$171,941.74	\$0.1215	202		\$177,083.58	\$0.1183	203
Commercial (3 Ph-Out - w/Demand) EC3O Commercial (3 Ph-Out - w/Dmd.&Sub-St E3SO	31 2	467,956 125,840	\$56,885.58 \$14,959.29	\$0.1216 \$0.1189	31 2	316,485 112,640	\$39,299.72 \$12,946.77	\$0.1242 \$0.1149	32	258,267 99,960	\$32,631.27 \$11,629.87	\$0.1263 \$0.1163	32	243,207 126,080	\$29,263.52 \$14,058.81	\$0.1203 \$0.1115	32
Commercial (3 Ph-In - w/Demand, No Ta EC3T	1	1,680	\$243.69	\$0.1169	1	1,720	\$217.00	\$0.1149	1	1,680	\$209.25	\$0.1103	1	1,720	\$209.07	\$0.1115	1
Commercial (CTTTIT W/Demaile, NOTE 2001			ΨΣ-10.00	ψ0.1401			Ψ217.00	ψ0:1202			Ψ200.20	ψ0.12-10			Ψ200.07	ψ0.1210	
Total Commercial (3 Ph) w/Demand	236	2,028,840	\$258,562.50	\$0.1274	237	1,871,935	\$229,576.31	\$0.1226	236	1,775,462	\$216,412.13	\$0.1219	237	1,867,707	\$220,614.98	\$0.1181	238
Large Power (In - w/Dmd & Rct) EL1	24	2,459,872	\$259,171.51	\$0.1054	24	2,336,414	\$234,867.97	\$0.1005	24	2,130,951	\$217,738.62	\$0.1022	24		\$222,962.86	\$0.0935	24
Large Power (In - w/Dmd & Rct, w/SbCr) EL2	2	76,560	\$11,468.48	\$0.1498	2		\$15,769.19	\$0.1356	2	112,800	\$16,271.65	\$0.1443	2	144,720	\$16,341.57	\$0.1129	2
Large Power (Out - w/Dmd & Rct) EL1O	1	64,260	\$8,346.49	\$0.1299	1	67,860	\$8,145.59	\$0.1200	1	73,980	\$8,268.95	\$0.1118	1	75,600	\$8,125.95	\$0.1075	1
Large Power (Out - w/Dmd & Rct, w/SbQ EL2O	2	•	\$40,465.13	\$0.1046	2		\$34,182.86	\$0.1064	2	247,200	\$29,689.86	\$0.1201	2		\$34,931.58	\$0.0956	2
Large Power (In - w/Dmd & Rct, w/SbCr) EL3	2	38,400	\$4,273.20	\$0.1113	2	48,010	\$4,564.35	\$0.0951	2	76,411	\$12,654.57	\$0.1656	2	100,243	\$8,296.98	\$0.0828	2
Total Large Power	31	3,025,972	\$323,724.81	\$0.1070	31	2,889,684	\$297,529.96	\$0.1030	31	2,641,342	\$284,623.65	\$0.1078	31	3,070,009	\$290,658.94	\$0.0947	31
Total Large I ower	0.	0,020,012	ψ020,724.01	ψ0.1070	0.	2,000,004	ΨΕΟΤ, ΘΕΟ. ΘΟ	ψ0.1000	0.	2,041,042	Ψ20+,020.00	ψ0.1070	0.	0,070,000	Ψ250,000.54	ψ0.00+7	<u> </u>
Industrial (In - w/Dmd & Rct, w/SbCr) EI1	2	2,075,060	\$182,854.76	\$0.0881	2	2,000,088	\$167,772.33	\$0.0839	2	1,929,342	\$159,002.64	\$0.0824	2	2,148,544	\$170,661.02	\$0.0794	2
Industrial (In - w/Dmd & Rct, No/SbCr) El2	1	802,864	\$72,710.19	\$0.0906	1	675,253	\$65,680.44	\$0.0973	1	622,773	\$57,971.33	\$0.0931	1	945,406	\$75,862.73	\$0.0802	1
Total Industrial	3	2,877,924	\$255,564.95	\$0.0888	3	2,675,341	\$233,452.77	\$0.0873	3	2,552,115	\$216,973.97	\$0.0850	3	3,093,950	\$246,523.75	\$0.0797	3
Interdeportmental (In. Nr. Dorod)	40	447400	M40 E40 00	#0.4000	40	140.045	M1101001	#0.4042	40	450.410	M45 707 01	#0.000	40	100 101	047 500 00	фс 22 -1	40
Interdepartmental (In - No Dmd) ED1 Interdepartmental (Out - No Dmd) ED1O	49	, -	\$12,512.08	\$0.1068 \$0.1066	49	142,015	\$14,340.04 \$0.00	\$0.1010 \$0.0000	48	158,448	\$15,737.81	\$0.0993 \$0.0000	48	180,191	\$17,500.60 \$0.00	\$0.0971 \$0.0000	49
Interdepartmental (Out - No Dmd) ED10 Interdepartmental (In - w/Dmd) ED2	20	29 273,670	•	\$0.1066	20	298,536	\$29,457.66		20	339,370	\$0.00 \$32,854.61	\$0.0000	20	385,094	\$36,500.01	\$0.0000	20
Generators (JV2 Power Cost Only) GJV2	20	24,071		\$0.1041	1	18,361	\$871.96		1	21,029	\$1,176.57	\$0.0559	1	23,895	\$475.27	\$0.0946	
Generators (JV5 Power Cost Only) GJV5	1	15.853		\$0.0211	1	15.652	\$743.31		1	18,257	\$1,021.48	\$0.0559	1		\$408.34	\$0.0199	
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Total Interdepartmental	73	430,746	\$41,851.53	\$0.0972	72	474,564	\$45,412.97	\$0.0957	71	537,104	\$50,790.47	\$0.0946	71	609,710	\$54,884.22	\$0.0900	72
SUB-TOTAL CONSUMPTION & DEMAND	5,876	, ,	. , ,	\$0.1108	5,857	12,388,928	\$1,324,102.20	\$0.1069	5,856	12,552,771	\$1,338,094.35	\$0.1066	5,849		\$1,389,898.10	\$0.1002	5,858
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Chroat Limbto (In)	10	_	01100	Ф0 0000		-	M44.00	Ф0 0000	10		M1100	фо ooco			04400	#0.000	10
Street Lights (In) SLO Street Lights (Out) SLOO	16	0	\$14.20 \$1.92	\$0.0000 \$0.0000	16	0	\$14.20 \$0.77		16	0	\$14.20 \$0.77	\$0.0000 \$0.0000	16	0	\$14.20 \$0.77	\$0.0000 \$0.0000	16
Otreet Lights (Out)			•	φυ.υυυυ			\$0.77	φυ.υυύυ			\$0.77	φυ.υυυυ			\$0.77	φυ.υυυυ	
Total Street Light Only	18			\$0.0000	18		\$14.97	\$0.0000	18	0		\$0.0000	18		\$14.97	\$0.0000	
,																	
TOTAL CONSUMPTION & DEMAND	5,894	12,429,085	\$1,377,507.86	\$0.1108	5,875	12,388,928	\$1,324,117.17	\$0.1069	5,874	12,552,771	\$1,338,109.32	\$0.1066	5,867	13,874,997	\$1,389,913.07	\$0.1002	5,876

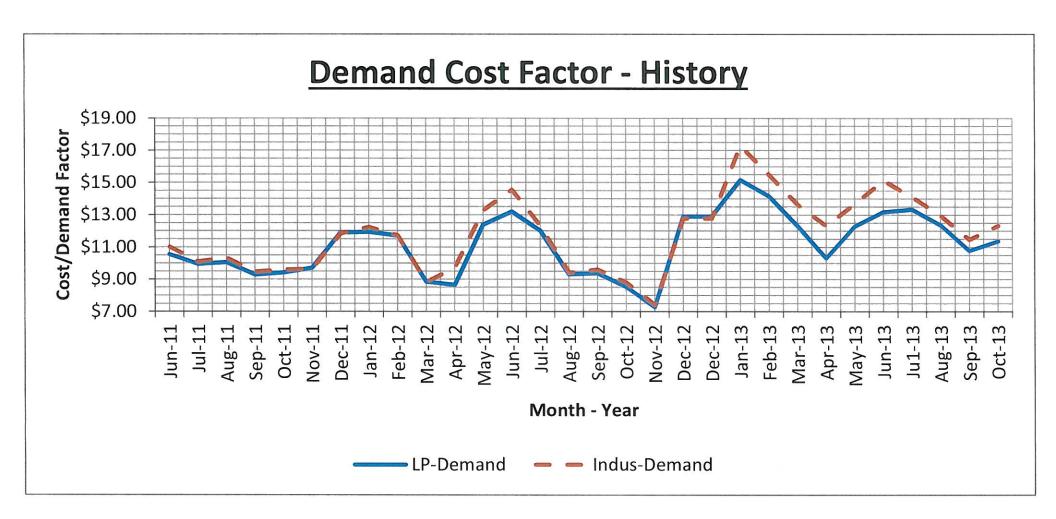
BILLING DETERMINAN	TS fo	<u> </u>															
OCTOBER, 2013																	
2013 - OCTOBER BILLING WITH SEPT	EMBER :	2															
					May-13				Jun-13				Jul-13				Aug-13
Class and/or	Rate	Apr-13	Apr-13	Cost / kWH	# of	May-13	May-13	Cost / kWH	# of	Jun-13	Jun-13	Cost / kWH	# of	Jul-13	Jul-13	Cost / kWH	# of
<u>Schedule</u>	Code	(kWh Usage)	<u>Billed</u>	For Month	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Month	<u>Bills</u>
Residential (Dom-In)	E1	2,090,663	\$197,962.37	\$0.0947	3,337	2,097,825	\$219,312.32	\$0.1045	3,325	1,765,993	\$190,084.46		3,329	2,109,409	\$238,024.02	\$0.1128	3,339
Residential (Dom-In) w/Ecosmart	E1E	4,389	\$427.66	\$0.0974	11	5,729	\$610.25	\$0.1065	11	5,045	\$552.04	\$0.1094	10	5,709	\$650.14	\$0.1139	10
Residential (Dom-In - All Electric)	E2	693,037	\$62,664.43	\$0.0904	613	641,136	\$64,572.38	\$0.1007	615	413,084	\$43,487.63	\$0.1053	610	381,054	\$43,044.41	\$0.1130	610
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	524	\$50.62	\$0.0966	1	530	\$56.35	\$0.1063	1	553	\$59.28	\$0.1072	1	540	\$61.82	\$0.1145	1
Total Residential (Domestic)		2,788,613	\$261,105.08	\$0.0936	3,962	2,745,220	\$284,551.30	\$0.1037	3,952	2,184,675	\$234,183.41	\$0.1072	3,950	2,496,712	\$281,780.39	\$0.1129	3,960
Residential (Rural-Out)	ER1	765,492	\$76,050.05	\$0.0993	734	719,208	\$79,029.09	\$0.1099	736	602,361	\$68,227.84	\$0.1133	740	649,817	\$77,628.41	\$0.1195	742
Residential (Rural-Out) w/Ecosmart	ER1E	2,476	\$262.57	\$0.1060	4	2,425	\$281.94	\$0.1163	4	2,177	\$260.10	\$0.1195	4	2,379	\$297.24	\$0.1249	4
Residential (Rural-Out - All Electric)	ER2	538,258	\$52,196.52	\$0.0970	388	498,799	\$53,592.14	\$0.1074	387	389,087	\$43,185.77	\$0.1110	388	369,258	\$43,788.90	\$0.1186	388
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2,769	\$268.75	\$0.0971	2	2,457	\$264.95	\$0.1078	2	1,394	\$160.85	\$0.1154	2	1,119	\$140.92	\$0.1259	2
Residential (Rural-Out w/Dmd)	ER3	20,188	\$1,960.63	\$0.0971	15	17,927	\$1,935.64	\$0.1080	15	20,251	\$2,193.46	\$0.1083	15	14,299	\$1,694.10	\$0.1185	15
Residential (Rural-Out - All Electric w/Dm	ER4	11,484	\$1,131.27	\$0.0985	9		\$1,105.78	\$0.1085	9	8,961	\$995.26		9	8,647	\$1,024.44	\$0.1185	9
Total Residential (Rural)		1,340,667	\$131,869.79	\$0.0984	1,152	1,251,007	\$136,209.54	\$0.1089	1,153	1,024,231	\$115,023.28	\$0.1123	1,158	1,045,519	\$124,574.01	\$0.1192	1,160
Commercial (1 Ph-In - No Dmd)	EC2	38,742	\$4,511.90	\$0.1165	74		\$5,341.20	\$0.1336	73		\$5,151.02		72	38,861	\$5,726.54	\$0.1474	73
Commercial (1 Ph-Out - No Dmd)	EC2O	12,613	\$1,665.47	\$0.1320	40	12,208	\$1,840.55	\$0.1508	40	11,514	\$1,765.50	\$0.1533	40	10,884	\$1,843.98	\$0.1694	41
Total Commercial (1 Ph) No Dmd		51,355	\$6,177.37	\$0.1203	114	52,185	\$7,181.75	\$0.1376	113	49,865	\$6,916.52	\$0.1387	112	49,745	\$7,570.52	\$0.1522	114
Commercial (1 Ph-In - w/Demand)	EC1	329,663	\$36,106.83	\$0.1095	264	336,852	\$42,423.48	\$0.1259	265	299,825	\$39,112.08	\$0.1304	263	309,023	\$45,194.18	\$0.1462	267
Commercial (1 Ph-Out - w/Demand)	EC10	36,571	\$3,930.20	\$0.1075	25	38,246	\$4,721.23	\$0.1234	25	32,186	\$4,099.52	\$0.1274	25	30,526	\$4,419.46	\$0.1448	25
Total Commercial (1 Ph) w/Demand		366,234	\$40,037.03	\$0.1093	289	375,098	\$47,144.71	\$0.1257	290	332,011	\$43,211.60	\$0.1302	288	339,549	\$49,613.64	\$0.1461	292
Commercial (3 Ph-Out - No Dmd)	EC4O	0	\$36.00 	\$0.0000	2	0	\$36.00	\$0.0000	2	40	\$40.46	\$1.0115	2	240	\$66.06	\$0.2753	2
Total Commercial (3 Ph) No Dmd		0	\$36.00	\$0.0000	2	0	\$36.00	\$0.0000	2	40	\$40.46	\$1.0115	2	240	\$66.06	\$0.2753	2
Commercial (3 Ph-In - w/Demand)	EC3	1,523,802	\$140,831.75	\$0.0924	203	1,419,100	\$158.157.82	\$0.1114	205	1,457,724	\$162,428.10	\$0.1114	205	1,522,550	\$190,539.80	\$0.1251	206
Commercial (3 Ph-Out - w/Demand)	EC3O	203,149	\$19,833.07	\$0.0976	32		\$22,279.26	\$0.1193	32	177,589	\$21,198.29		32	188,637	\$25,562.32	\$0.1355	32
Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	122,120	\$10,469.14	\$0.0857	2	120,320	\$12,405.22	\$0.1031	2	113,360	\$11,819.71	\$0.1043	2	126,840	\$14,799.24	\$0.1167	2
Commercial (3 Ph-In - w/Demand, No Ta		1,880	\$181.30	\$0.0964	1	1,720	\$199.71	\$0.1161	1	1,680	\$195.58	\$0.1164	1	1,680	\$276.68	\$0.1647	1
Total Commercial (3 Ph) w/Demand		1,850,951	\$171,315.26	\$0.0926	238	1,727,933	\$193,042.01	\$0.1117	240	1,750,353	\$195,641.68	\$0.1118	240	1,839,707	\$231,178.04	\$0.1257	241
Large Power (In - w/Dmd & Rct)	EL1	2,177,534	\$182,408.30	\$0.0838	24	2,404,599	\$217,506.43	\$0.0905	24	2,366,148	\$220,686.44	\$0.0933	24	2,586,195	\$250,122.74	\$0.0967	24
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	131,880	\$13,656.03	\$0.1035	2	132,600	\$16,765.37	\$0.1264	2	153,120	\$20,722.60	\$0.1353	2	70,560	\$16,900.07	\$0.2395	2
Large Power (Out - w/Dmd & Rct)	EL10	67,500	\$6,559.22	\$0.0972	1	71,460	\$7,531.24	\$0.1054	1	63,000	\$7,341.06	\$0.1165	1	73,980	\$8,336.45	\$0.1127	1
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	308,160	\$26,691.09	\$0.0866	2	318,720	\$30,410.72	\$0.0954	2	336,240	\$33,310.20	\$0.0991	2	347,520	\$36,252.97	\$0.1043	2
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	86,908	\$6,367.78	\$0.0733	2	90,318	\$7,414.58	\$0.0821	2	82,656	\$10,416.43	\$0.1260	2	81,493	\$7,169.32	\$0.0880	2
Total Large Power		2,771,982	\$235,682.42	\$0.0850	31	3,017,697	\$279,628.34	\$0.0927	31	3,001,164	\$292,476.73	\$0.0975	31	3,159,748	\$318,781.55	\$0.1009	31
				·	31	3,017,097		·	31				31				31
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1,874,085	\$132,752.83	\$0.0708	2	1,831,272	\$143,570.51	\$0.0784	2	1,934,737	\$150,696.77	\$0.0779	2	2,096,838	\$167,377.82	\$0.0798	2
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	904,991	\$63,892.85	\$0.0706	1	946,167	\$73,216.13	\$0.0774	1	1,023,891	\$79,602.02	\$0.0777	1	1,048,294	\$84,061.55	\$0.0802	1
Total Industrial		2,779,076	\$196,645.68	\$0.0708	3	2,777,439	\$216,786.64	\$0.0781	3	2,958,628	\$230,298.79	\$0.0778	3	3,145,132	\$251,439.37	\$0.0799	3
Interdepented (In No. 2007)	ED.	100.000	#10.000.00	# 0.000 *	40	110.000	#10.007.00	φο οοο :		107.100	M40 440 70	#0 00 t=		00.000	Ф0 007 07	00.1010	1
Interdepartmental (In - No Dmd)	ED1	163,603	\$13,602.92	\$0.0831	49		\$13,667.99	\$0.0931	49	- ,	\$10,148.70		52	88,992	\$9,067.37	\$0.1019	49
Interdepartmental (Out - No Dmd)	ED10	0 40 500	\$0.00	\$0.0000	1	125	\$11.64		1	0	\$0.00		1	0	\$0.00		
Interdepartmental (In - w/Dmd)	ED2	349,500	\$28,360.30	\$0.0811	20		\$31,180.79		20		\$23,611.11		20		\$25,781.92		
Generators (JV2 Power Cost Only) Generators (JV5 Power Cost Only)	GJV2 GJV5	20,402 17,579	\$578.80 \$498.72	\$0.0284 \$0.0284	1	19,246 16,701	\$807.18 \$700.44	\$0.0419 \$0.0419	1	6,054 13,337	\$226.60 \$499.20		1	12,330 12,330	\$356.95 \$356.95	\$0.0289 \$0.0289	
Generators (375 Fower Cost Only)	GJVS	17,579	φ490.7 <i>2</i>	₩0.0264		16,701	\$700.44	φ0.0419		13,337	φ499.20	φυ.υ374		12,330	φ336.93	φυ.υ209	
Total Interdepartmental		551,084	\$43,040.74	\$0.0781	72		\$46,368.04	\$0.0881	72	383,136	\$34,485.61	\$0.0900	75	373,454	\$35,563.19	\$0.0952	
SUB-TOTAL CONSUMPTION & DEMAN	I D	12,499,962	\$1,085,909.37	\$0.0869	5,863	12,472,623	\$1,210,948.33	\$0.0971	5,856	11,684,103	\$1,152,278.08	\$0.0986	5,859	12,449,806	\$1,300,566.77	\$0.1045	
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		2	0	\$0.77		2
Total Street Light Only		0	\$14.97 	\$0.0000	18		\$14.97	\$0.0000	18		\$14.97		18	0			18
TOTAL CONSUMPTION & DEMAND		12,499,962	\$1,085,924.34	\$0.0869	5,881	12,472,623	\$1,210,963.30	\$0.0971	5,874	11,684,103	\$1,152,293.05	\$0.0986	5,877	12,449,806	\$1,300,581.74	\$0.1045	5,893

BILLING DETERMINAN	TS for											
OCTOBER, 2013												
2013 - OCTOBER BILLING WITH SEPT	EMBER 2	2										
					Sep-13				Average	TOTAL	TOTAL	Avg.Cost
Class and/or	Rate	Aug-13	Aug-13	Cost / kWH	# of	Sep-13	Sep-13	Cost / kWH	# of	KWH USEAGE	BILLING	Per kWH
<u>Schedule</u>	Code	(kWh Usage)	Billed	For Month	<u>Bills</u>	(kWh Usage)	Billed	For Month	Bills	PRIOR 12 MO	PRIOR 12 MO	For Period
Residential (Dom-In)	E1	2,793,644	\$323,607.27		3,346	2,681,569	\$298,444.75		3,339	26,872,165	\$2,896,523.63	
Residential (Dom-In) w/Ecosmart	E1E	7,875	\$915.88		10	7,252	\$812.85	\$0.1121	5		\$3,968.82	
Residential (Dom-In - All Electric)	E2	459,912	\$53,640.76		611	434,612	\$48,781.14		614	6,375,904	\$671,028.63	
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	749	\$87.40	\$0.1167	1	726	\$81.37	\$0.1121	0	3,622	\$396.84	\$0.1096
Total Residential (Domestic)		3,262,180	\$378,251.31	\$0.1160	3,968	3,124,159	\$348,120.11	\$0.1114	3,958	33,287,690	\$3,571,917.92	\$0.1073
Residential (Rural-Out)	ER1	804,572	\$98,634.57	\$0.1226	751	783,642	\$92,537.54	\$0.1181	738	8,838,937	\$1,003,234.55	\$0.1135
Residential (Rural-Out) w/Ecosmart	ER1E	3,242	\$407.72		4	2,850	\$349.38	\$0.1226	2		\$1,858.95	
Residential (Rural-Out - All Electric)	ER2	435,667	\$53,273.12		389	434,293	\$51,014.09	\$0.1175	388	5,584,375	\$623,240.40	
Res. (Rural-Out - All Electric) w/Ecosmar		1,301	\$167.52		2	1,398	\$171.69	\$0.1228	1	10,438	\$1,174.68	
Residential (Rural-Out w/Dmd)	ER3	13,744	\$1,706.92		15	14,139	\$1,682.82		15		\$41,048.22	
Residential (Rural-Out - All Electric w/Dm	ER4	9,649	\$1,183.75		9	10,130	\$1,188.67	\$0.1173	9	152,341	\$16,954.44	
Total Residential (Rural)		1,268,175	\$155,373.60		1,170	1,246,452	\$146,944.19	\$0.1179	1,153	14,972,522	\$1,687,511.24	
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Commercial (1 Ph-In - No Dmd)	EC2	40,420	\$6,052.00	\$0.1497	75	42,780	\$6,070.62	\$0.1419	73	479,456	\$66,023.21	\$0.1377
Commercial (1 Ph-Out - No Dmd)	EC2O	21,517	\$3,245.61		41	13,545	\$2,131.66		40	159,719	\$24,440.42	
				, , , , , , , , , , , , , , , , , , , ,				•				,
Total Commercial (1 Ph) No Dmd		61,937	\$9,297.61	\$0.1501	116	56,325	\$8,202.28	\$0.1456	113	639,175	\$90,463.63	\$0.1415
Commercial (1 Ph-In - w/Demand)	EC1	338,332	\$49,294.19		267	396,656	\$53,976.78	\$0.1361	264	4,033,236	\$532,526.81	\$0.1320
Commercial (1 Ph-Out - w/Demand)	EC10	33,111	\$4,864.44	\$0.1469	25	37,182	\$5,070.66	\$0.1364	25	414,674	\$54,499.96	\$0.1314
Total Commercial (1 Ph) w/Demand		371,443	\$54,158.63	\$0.1458	292	433,838	\$59,047.44	\$0.1361	289	4,447,910	\$587,026.77	\$0.1320
Commercial (3 Ph-Out - No Dmd)	EC4O	40	\$41.13	\$1.0283	2	0	\$36.00	\$0.0000	2	20,840	\$2,997.47	\$0.1438
Total Commercial (3 Ph) No Dmd		40	\$41.13	\$1.0283	2	0	\$36.00	\$0.0000	2	20,840	\$2,997.47	\$0.1438
Commercial (2 Db In/Demand)	EC3	1,654,048	PO11 400 00	\$0.1279	208	1,740,302	#000 040 00	\$0.1201	000	18,698,877	\$2,143,365.59	\$0.1146
Commercial (3 Ph-In - w/Demand) Commercial (3 Ph-Out - w/Demand)	EC3O	189,643	\$211,496.38 \$26,288.29		34	248,138	\$208,949.03 \$30,514.72		203 32	3,047,459	\$362,244.74	
Commercial (3 Ph-Out - w/Demand) Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	115,480	\$13,881.00		2		\$12,144.04	\$0.1230	2		\$152,996.22	
Commercial (3 Ph-In - w/Demand, No Ta		3,000	\$416.76		1	4,280	\$519.86	\$0.1136		30,520	\$3,607.67	
Commercial (3 FTI-III - W/Demand, NO Ta	LUST	3,000	φ410.70	φ0.1309		4,200	φ513.00	φυ.1213		30,320	φ3,007.07	φυ.1102
Total Commercial (3 Ph) w/Demand		1,962,171	\$252,082.43	\$0.1285	245	2,099,640	\$252,127.65	\$0.1201	238	23,206,936	\$2,662,214.22	\$0.1147
Large Power (In - w/Dmd & Rct)	EL1	2,620,054	\$262,653.75	\$0.1002	24	2,825,165	\$263,358.88	\$0.0932	24	31,735,207	\$2,933,075.43	\$0.0924
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	84,480	\$18,753.31		2	65,640	\$13,082.45		2		\$176,051.01	\$0.1432
Large Power (Out - w/Dmd & Rct)	EL10	86,580	\$10,240.70		1	93,060	\$10,633.53		1		\$98,017.32	
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	290,160	\$34,745.28		2	355,680	\$35,608.24		2	4,015,440	\$401,287.38	
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	74,511	\$14,585.20		2	74,511	\$13,676.28		2		\$107,465.13	
Total Large Power		3,155,785	\$340,978.24	\$0.1080	31	3,414,056	\$336,359.38	\$0.0985	31	38,743,166	\$3,715,896.27	\$0.0959
Industrial (In - w/Dmd & Rct, w/SbCr)	El1	1,878,883	\$159,221.08	\$0.0847	2	1,936,770	\$156,832.64	\$0.0810	1	21,953,637	\$1,751,672.99	\$0.0798
Industrial (In - w/Dmd & Rct, No/SbCr)	El2	990,973	\$82,769.36	\$0.0835	1	1,189,366	\$93,753.89	\$0.0788	1	10,284,829	\$842,934.32	\$0.0820
, ,												
Total Industrial		2,869,856	\$241,990.44	\$0.0843	3	3,126,136	\$250,586.53	\$0.0802	2	32,238,466	\$2,594,607.31	\$0.0805
Interdepartmental (In - No Dmd)	ED1	86,904	\$9,315.56	\$0.1072	49	88,393	\$9,034.02	\$0.1022	49	1,454,897	\$140,345.94	\$0.0965
Interdepartmental (Out - No Dmd)	ED10	0	\$0.00	\$0.0000	1	0	\$0.00	\$0.0000	1	154	\$14.73	
Interdepartmental (In - w/Dmd)	ED2	261,926	\$27,328.08	\$0.1043	20	265,565	\$26,497.58	\$0.0998	20	3,486,296	\$328,768.71	\$0.0943
Generators (JV2 Power Cost Only)	GJV2	13,117	\$19.02		1	7,858	\$319.03		1	208,510	\$6,235.43	
Generators (JV5 Power Cost Only)	GJV5	12,084	\$17.52		1	12,084	\$490.61	\$0.0406	1	180,802	\$5,632.15 	\$0.0312
Total Interdepartmental		374,031	\$36,680.18	\$0.0981	72	373,900	\$36,341.24	\$0.0972	72	5,330,659	\$480,996.96	\$0.0902
SUB-TOTAL CONSUMPTION & DEMAN	ND	13,325,618	\$1,468,853.57		5,899	13,874,506	\$1,437,764.82	\$0.1036	5,858		\$15,393,631.79	\$0.1007
		========			-					=========	========	
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Street Lights (In)	SLO	0	\$14.20		16	0	\$14.20		16			
Street Lights (Out)	SLOO	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	2		¥	\$0.0000
Total Street Light Only		0	\$14.97	\$0.0000	18	0	\$14.97	\$0.0000	18		\$178.87	\$0.0000
TOTAL CONSUMPTION & DEMAND		13,325,618	\$1,468,868.54	\$0.1102	5,917	13,874,506	\$1,437,779.79	\$0.1036	5,876	152,887,364	\$15,393,810.66	\$0.1007

2013 OCTOBER - BILLING	G DETER	MINATE	S - RATE COI	MPARISONS T	O PRIOR PER	IODS				
Rate Comparisons to Prior Mo	onth and P	rior Year fo	or Same Period							
			Current	Prior Month	Prior Year			Current	Prior Month	Prior Year
	Service	Service	October	September	October	Service	Service	October	September	October
Customer Type	Usage	Units	2013 Rate	2013 Rate	2012 Rate	Usage	Units	2013 Rate	2013 Rate	2012 Rate
Customer Type ->		RESID		R - (w/Gas Hea			RESID	1	R - (All Electr	
Electric Customer Charge			\$6.00	\$6.00	\$6.00			\$6.00	\$6.00	\$6.00
Distribution			\$16.53	\$16.53	\$16.53			\$33.39	\$33.39	\$33.39
Demand										
Generation	978	kWh	\$76.17	\$80.45	\$64.90	1,976	kWh	\$153.89	\$162.55	\$131.13
kWH Tax- Level 1			\$4.55	\$4.55	\$4.55			\$9.19	\$9.19	\$9.19
kWH Tax- Level 2										
kWH Tax- Level 3										
Total Electric			\$103.25	\$107.53	\$91.98		-	\$202.47	\$211.13	\$179.71
			ψ1001 <u>2</u> 0	Ψ101100	ψο που			Ψ202:17	ψ2σ	Ψσ
Water	6	CCF	\$39.57	\$39.57	\$37.71	11	CCF	\$63.07	\$63.07	\$59.75
Sewer	6	CCF	\$54.58	\$54.58	\$54.58	11	CCF	\$76.78	\$76.78	\$76.78
Storm Water (Rate/ERU)		30 .	\$9.50	\$9.50	\$9.50	<u> </u>		\$9.50	\$9.50	\$9.50
Refuse (Rate/Service)			\$18.00	\$18.00	\$18.00			\$18.00	\$18.00	\$18.00
1101000 (11010/0011100)							_	Ψ.σ.σσ		
Sub-Other Services			\$121.65	\$121.65	\$119.79			\$167.35	\$167.35	\$164.03
001 00.1.000							_	4101100		
Total Billing - All Services			\$224.90	\$229.18	\$211.77			\$369.82	\$378.48	\$343.74
Verification Totals->			\$224.90	\$229.18	\$211.77			\$369.82	\$378.48	\$343.74
			,	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				-\$4.28	\$13.13				-\$8.66	\$26.08
% Inc/Dec(-) to Prior Periods				-1.87%	6.20%				-2.29%	7.59%
\										
=========	=====	=====	======	========		==== <u>=</u>	=====	======	=======	
Cost/kWH - Electric	978	kWh	\$0.10557	\$0.10995	\$0.09405	1,976	kWh	\$0.10246	\$0.10685	\$0.09095
% Inc/Dec(-) to Prior Periods				-3.98%	12.25%	Í			-4.11%	12.66%
Cost/CCF - Water	6	CCF	\$6.59500	\$6.59500	¢6 00500	2	CCF	\$31.53500	¢21 E2E00	\$29.87500
Cost/GALLONS - Water	4,488	GAL	\$0.00882	\$0.00882	\$6.28500 \$0.00840	1,496	GAL	\$0.04216	\$31.53500 \$0.04216	\$29.87500
	4,400	GAL	φυ.υυοδ2			1,490	GAL	φυ.υ4∠16		
% Inc/Dec(-) to Prior Periods				0.00%	4.93%				0.00%	5.56%
Cost/CCF - Sewer	6	CCF	\$9.09667	\$9.09667	\$9.09667	2	CCF	\$38.39000	\$38.39000	\$38.39000
Cost/GALLON - Sewer	4,488	GAL	\$0.01216	\$0.01216	\$0.01216	1,496	GAL	\$0.05132	\$0.05132	\$0.05132
% Inc/Dec(-) to Prior Periods	-,		Ţ3.3.Z1 3	0.00%	0.00%	-,		Ţ 1.00 · 3L	0.00%	0.00%
(Listed Accounts Assume SAME	USAGE fo	or kWH and	Water (CCF) fo	r All Billing Periods	<u>s)</u>					

2013 OCTOBER - BILLING										
Rate Comparisons to Prior Mo										
			Current	Prior Month	Prior Year			Current	Prior Month	Prior Year
	Service	Service	October	September	October	Service	Service	October	September	October
Customer Type	Usage	<u>Units</u>	2013 Rate	2013 Rate	2012 Rate	Usage	Units	2013 Rate	2013 Rate	2012 Rate
Customer Type ->	<u>C</u> (OMMERC	IAL USER -	(3 Phase w/De	mand)	<u> </u>	NDUSTRIA	AL USER - (3 Phase w/Der	mand)
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	\$14,215.24	\$14,215.24	\$11,248.24
Generation	7,040	kWh	\$666.83	\$691.68	\$544.68	866,108	kWh	\$44,184.52	\$46,118.11	\$40,342.03
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			\$808.15	\$833.00	\$686.00			\$68,932.42	\$70,866.01	\$62,122.93
		205	* 100.07	* 400.07	*	200	205	A. 100 51	A4 400 54	** • • • • • • • • • • • • • • • • • •
Water	25	CCF	\$126.07	\$126.07	\$119.67	300	CCF	\$1,420.51	\$1,420.51	\$1,344.61
Sewer	25	CCF	\$138.94	\$138.94	\$138.94	300	CCF	\$1,359.94	\$1,359.94	\$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			#070 F1	#070 F1				#0.11F.4F	#2 11E 4E	#2 020 FF
Sub-Other Services			\$279.51	\$279.51	\$273.11			\$3,115.45	\$3,115.45	\$3,039.55
Total Billing - All Services		-	\$1,087.66	\$1,112.51	\$959.11			\$72,047.87	\$73,981.46	\$65,162.48
Verification Totals->			\$1,087.66	\$1,112.51	\$959.11			\$72,047.87	\$73,981.46	\$65,162.48
vermeation retails >			ψ1,001.00	Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr	1		Ψ12,041.01	Cr.Mo to Pr.Mo	Cr. Yr to Pr. Yr
Dollar Chg.to Prior Periods				-\$24.85	\$128.55				-\$1,933.59	\$6,885.39
% Inc/Dec(-) to Prior Periods				-2.23%	13.40%				-2.61%	10.57%
70 III0/ 200() to 1 II01 1 011000				2.2070	10.1070				2.0170	10.07 70
=========	=====	=====				=====	=====		=======	======
Cost/kWH - Electric	7,040	kWh	\$0.11479	\$0.11832	\$0.09744	866,108	kWh	\$0.07959	\$0.08182	\$0.07173
% Inc/Dec(-) to Prior Periods				-2.98%	17.81%				-2.73%	10.96%
01/00F		005	001.011.07	004 044 07	040.04500	050	005	ΦE 00004	#F 00004	ΦE 07044
Cost/CCF - Water	6	CCF	\$21.01167	\$21.01167	\$19.94500	250	CCF	\$5.68204	\$5.68204	\$5.37844
Cost/GALLONS - Water	4,488	GAL	\$0.02809	\$0.02809	\$0.02666	187,000	GAL	\$0.00760	\$0.00760	\$0.00719
% Inc/Dec(-) to Prior Periods				0.00%	5.35%				0.00%	5.64%
Cost/CCF - Sewer	6	CCF	\$23.15667	\$23.15667	\$23.15667	250	CCF	\$5.43976	\$5.43976	\$5.43976
Cost/GALLON - Sewer	4,488	GAL	\$0.03096	\$0.03096	\$0.03096	187,000	GAL	\$0.00727	\$0.00727	\$0.00727
% Inc/Dec(-) to Prior Periods	-,	J., 1.	ψο.σσσσσ	0.00%	0.00%	101,000	- ·-	\$5.00, 27	0.00%	0.00%
										-
(Listed Accounts Assume SAME										





Electric Department Report September 2013

There were 12 outages/callouts during the month of September. Two outages were due to animals getting into the primary wires. Three call outs were to reconnect services. Two outage/ callouts were due to failed transformers. One callout was a neutral wire coming out of ground lug in a customers meter socket. One callout was to locate electric lines for a waterline break on Park Street. Two callouts were tree related. One callout/outage was caused by a farm implement sales employee snagging a phone line that pulled on electric poles causing a fault when the wires slapped together.

Line Department / Service Truck

The line crews worked on a rebuild at a residence on Co. Rd U west of St. Rt. 108. They also set a pole and relocated a service at 422 Jahns Road. Crews completed final primary voltage terminations for a loop feed for Kennilworth to Chelsea. Crews trimmed and removed trees at Stevenson Street Bridge for Operations. Crews also cleared trees for Chief Weitzel on west side of St. Rt.108 South of Rd. R for traffic safety. Line crews upgraded secondary wire size at High and Lumbard. Crews trimmed trees at Huddle Trailor Park. Crews worked on Huddle road for 69KV re-route project. Linemen trimmed large trees hanging over power lines on Oakwood Avenue The service truck completed work orders and locates.

Substation Department:

Todd Wachtman and Nikk Hogrefe performed general substation maintenance/inspections, worked on lighting upgrade trenching and conduit/wire installation at Glenwood and Southside substations, mowed grass at substations, worked in office on prints/reports etc.

Forestry Department:

Jamie Howe and Thomas Miller trimmed trees on 424 near Anthony Wayne subdivision, worked on tree removal at Stevenson street bridge, trimmed and chipped at Huddle Trailer Park area, trimmed damaged tree at Oberhaus Park dock area for Operations/Park& Rec., trimmed trees on Stevensen and Ohio streets, road T and 108 and also performed maintenance on saws, chipper and truck.

Storeroom/Inventory/ Metering Department:

Shawn Druhot has been reading meters along with purchasing, maintaining and counting inventory. Shawn cleaned up and organized the service yard, pulled vegetation around yard inventory and delivered fluorescent bulbs to the Bowling Green recycling center.

The Peak Load for September, 2013 was 29.28 MW occurring on the 10th at 8:30 P.M. This was a increase of 2.85 MW from September of 2012. The average load for September, 2013 was 17.10MW. This value was a increase of .33 MW from September 2012. The Turbines ran on September 11th and produced 37.8 MW. The JV-2 and JV-5 ran on September 9th, 10th, and 11th and produced 5.4 MW on each day they ran. The Amp Solar Field showed a peak of 3.68 MW and the Output was 531,042.00 KWH.

City of Napoleon, Ohio



SUMMARY OF SEPTEMBER 2013 OUTAGE/STANDBY CALL-OUTS

September 4, 2013:

One employee was dispatched at 3:30 p.m. from the City Building to reconnect electric service at 1308 Lagrange St., 219 Thomas Ave., 509 E. Washington St. and 14607 County Road U.

September 5, 2013:

One employee was dispatched at 5:15 p.m. to 16544 County Road T to reconnect electric service.

September 6, 2013:

One employee was dispatched at 3:35 p.m. to 219 W. Washington to reconnect electric service.

September 7, 2013:

Electric personnel were dispatched at 12:45 a.m. to 11781 County Road B due to a power outage. The outage lasted two hours and affected one customer. The outage was due to an animal that blew a fuse. The personnel replaced the fuse.

September 7, 2013:

Electric personnel were dispatched at 9:00 a.m. to 620 Trail Dr. due to a power outage. The outage lasted three hours and affected four customers. The outage was due to a bad transformer. The personnel replaced the transformer.

September 7, 2013:

One employee was dispatched at 1:45 p.m. to 914 Park St. to locate electric lines due to a water main break.

September 9, 2013:

Electric personnel were dispatched by Karen at 7:30 a.m. to County Road 14B & County Road R due to a power outage the outage lasted a half hour and affected two customers. The outage was due to an animal getting into the power lines and blowing a fuse. The personnel replaced the fuse.

September 16, 2013:

Electric personnel were dispatched at 5:10 a.m. to 12119 County Road O3 due to a power outage. The outage lasted one hour and twenty minutes and affected one customer. The outage was due to a bad transformer. The personnel replaced the transformer.

September 18, 2013:

Electric personnel were dispatched at 5:05 p.m. to O522 County Road 11C due to a neutral lug that came off a ground bar in the meter socket. The personnel replaced the neutral into the ground bar.

September 20, 2013:

Electric personnel were dispatched at 12:30 p.m. to County Road 12 & Interstate Drive due to a power outage. The outage lasted one hour and affected four hundred fifteen customers. An employee of Liechty Farm Equipment snagged a phone cable and it caused our 3 phase lines to cross phase. The personnel replaced arrestors and cut outs and energized the feeder.

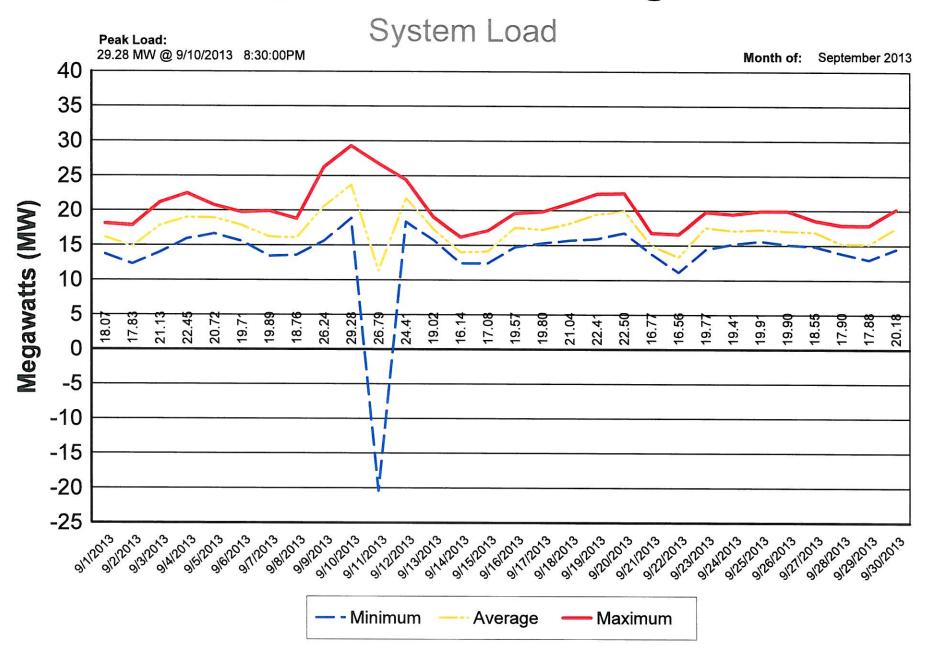
September 20, 2013:

Electric personnel were dispatched at 11:20 p.m. to County Road V & County Road 17 for a tree that fell on the power lines. The personnel cut the tree off the power lines.

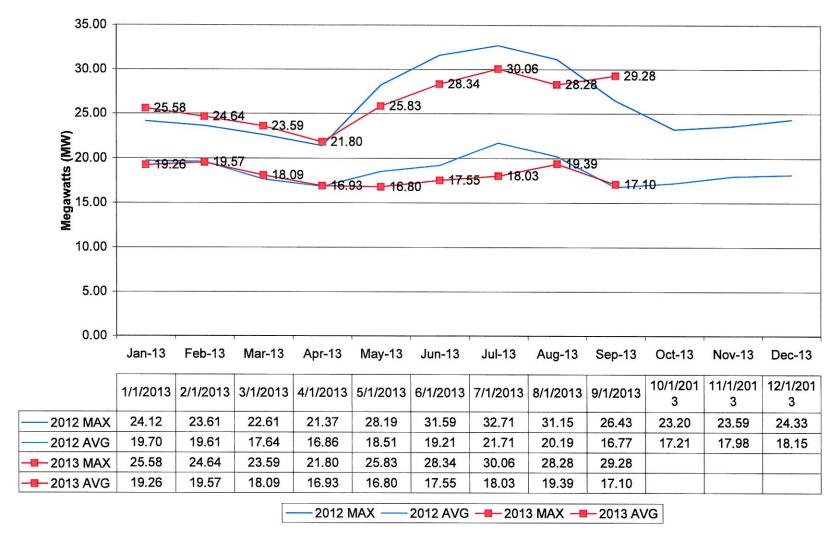
September 21, 2013:

Electric personnel were dispatched at 6:40 a.m. to 403 Hudson St. due to a power outage. The outage lasted forty minutes and affected one customer. The outage was due to a tree limb that rubbed through the electric wires. The personnel cut the tree limb and repaired the service.

Napoleon Power & Light



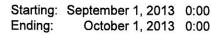
NAPOLEON POWER & LIGHT

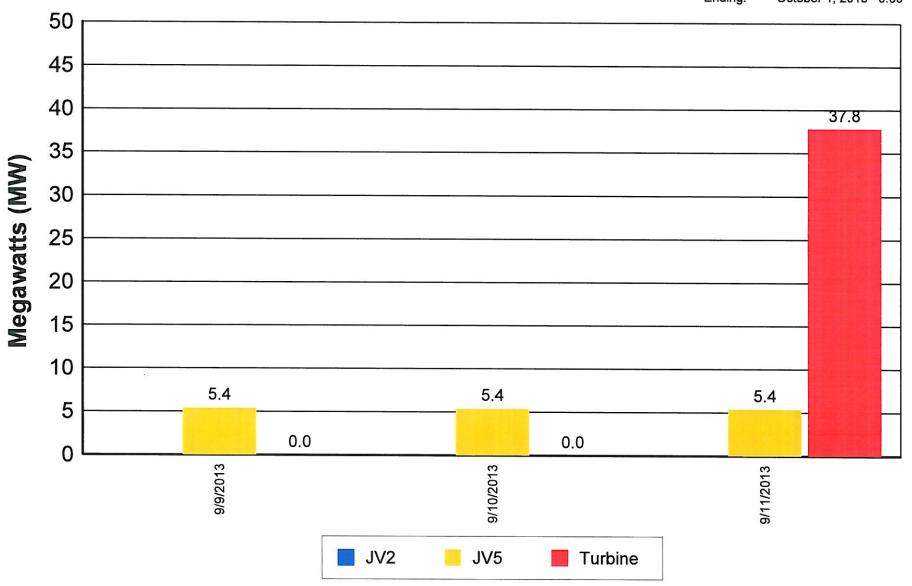


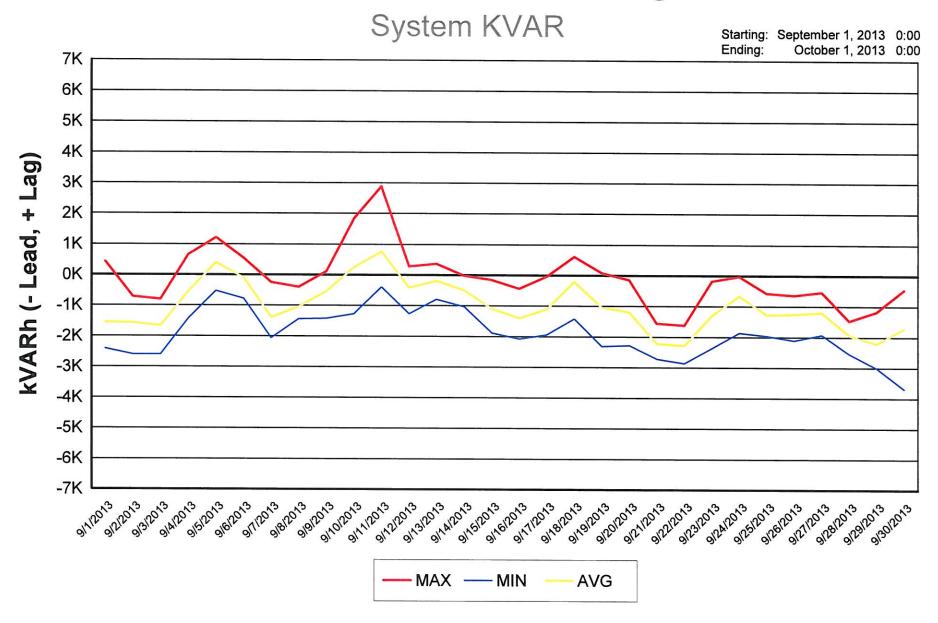
^{** 900-1400} residential homes served / MW average load

^{** 300-800} residential homes served / MW peak load

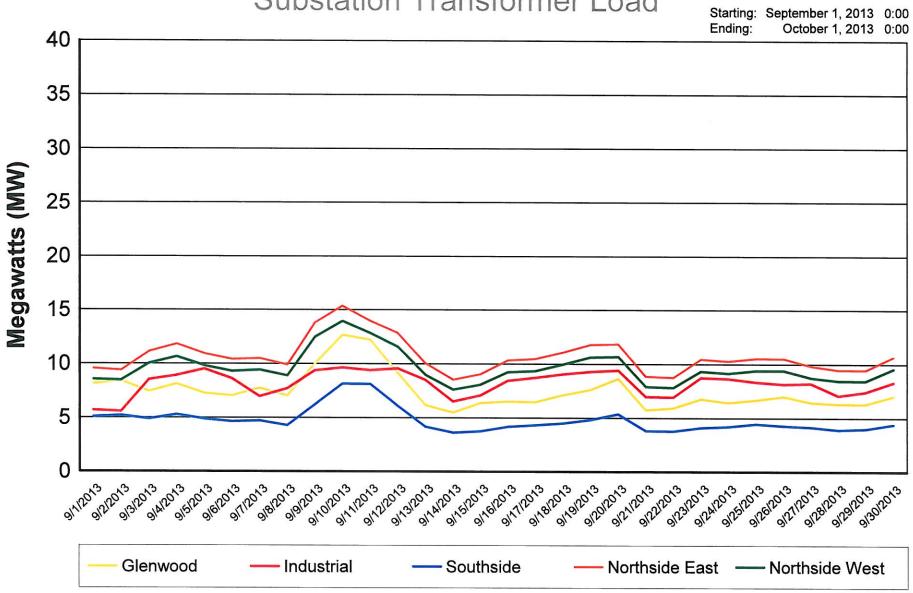
AMPO Generation



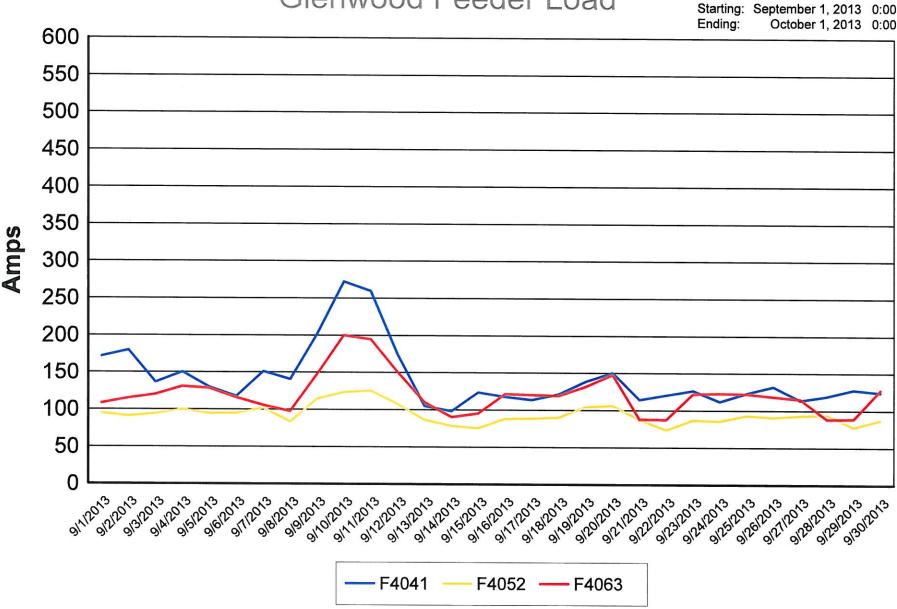


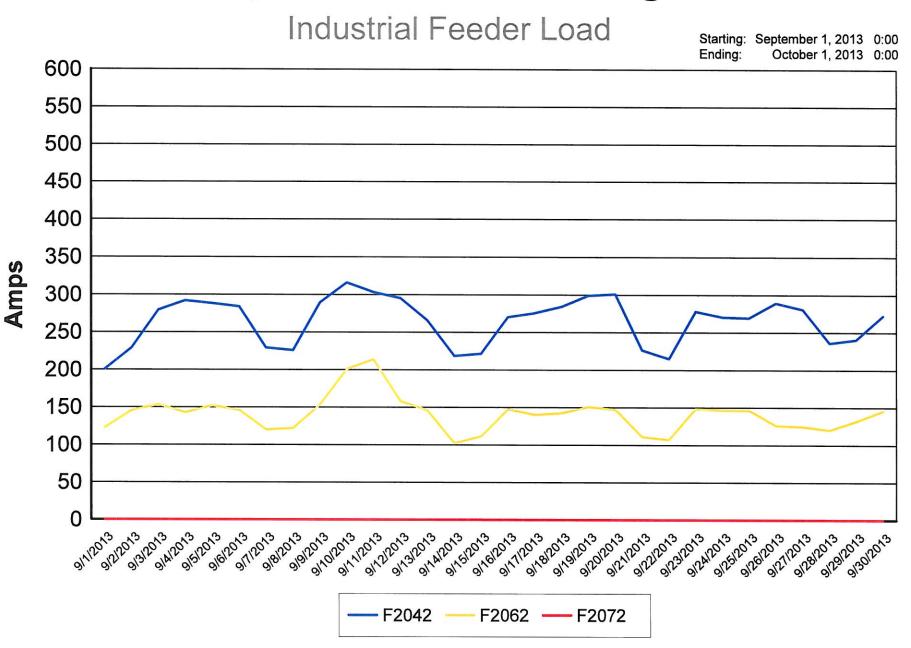


Substation Transformer Load

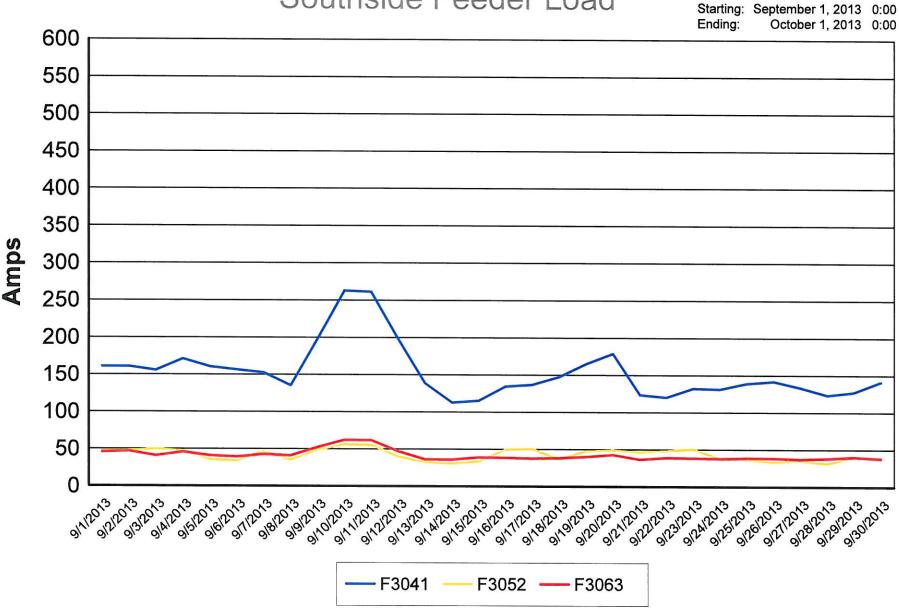




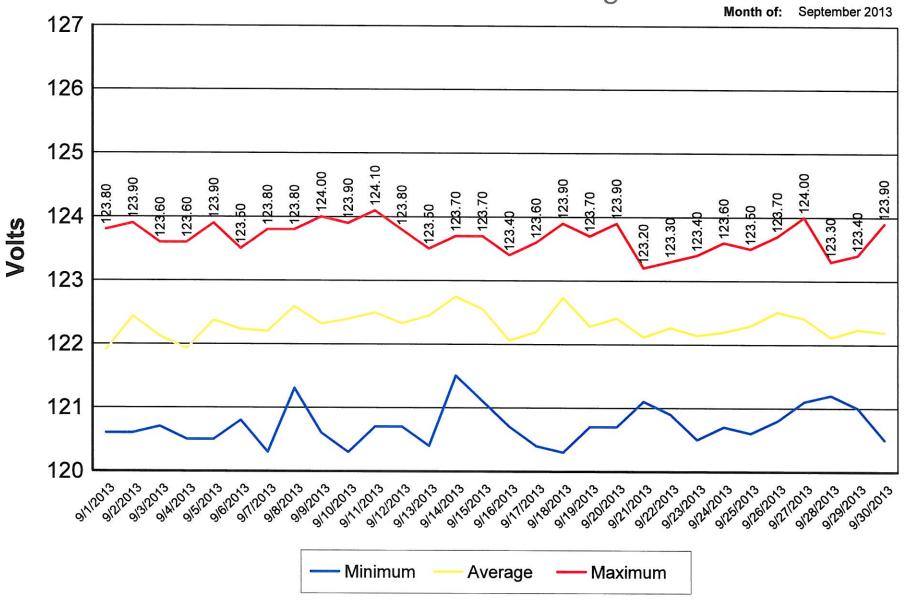




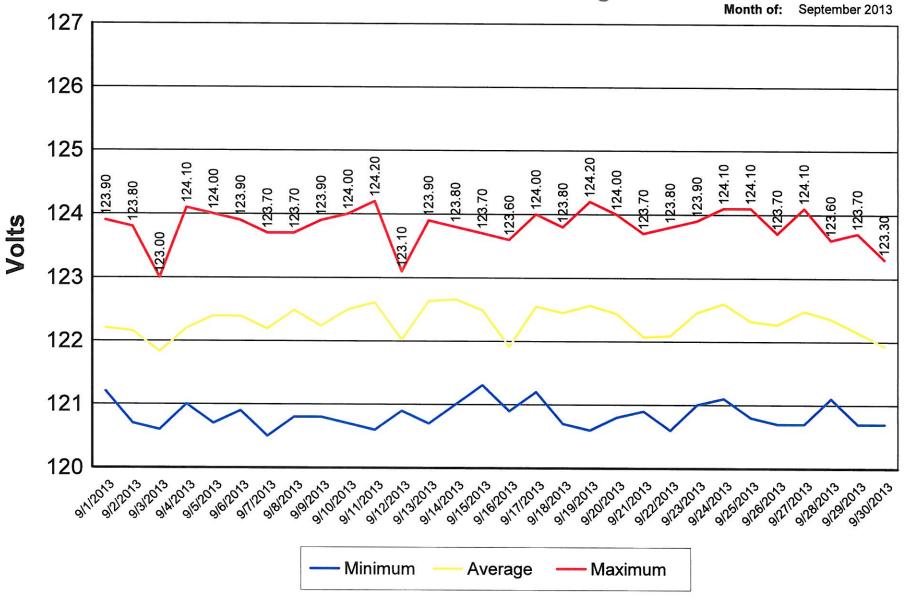




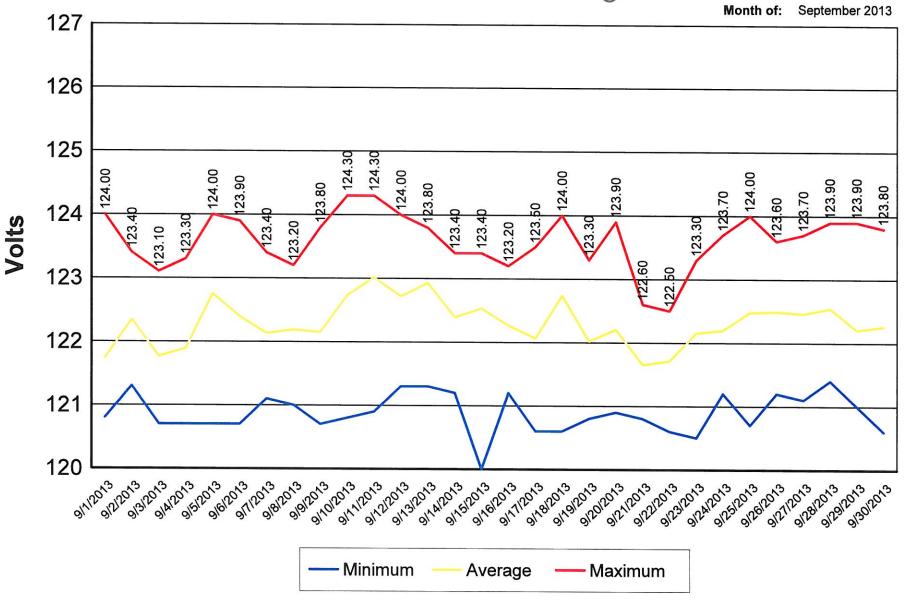
Glenwood Voltage

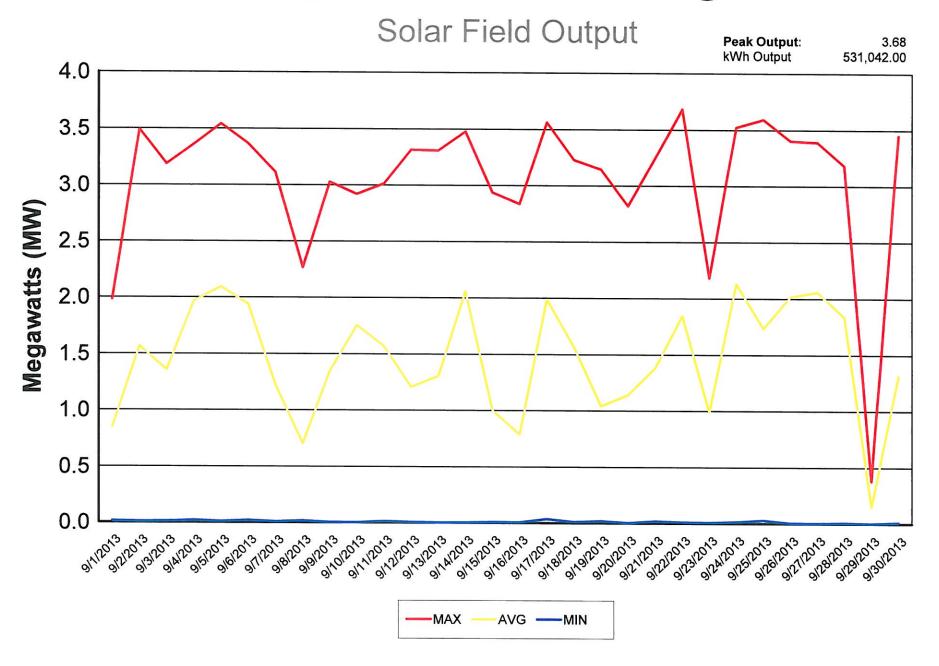


Industrial Voltage



Southside Voltage





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

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

Meeting Agenda Monday, October 14, 2013 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 October: Generation Charge: Residential @ \$.07788; Commercial @ \$.09472; Large Power @ \$.05370; Industrial @ \$.05370; Demand Charge Large Power @ \$11.37; Industrial @ \$12.31; JV Purchased Cost: JV2 @ \$.03003; JV5 @ \$.03003
- III. Electric Department Report
- IV. New Energy Efficiency Contract for 2014-2016
- V. Any Other Items to Come Before the Board

Gregory J. Heath, Finance Director/Clerk of Council

City of Napoleon, Ohio

BOARD OF PUBLIC AFFAIRS

Meeting Minutes

Monday, September 9, 2013 at 6:30 PM

PRESENT

Members

Electric Committee

City Staff

Keith Engler – Chair, Mike DeWit, Dr. David Cordes Patrick McColley – Acting Chair, Jason Maassel

Dr. Jon A. Bisher, City Manager Dennis Clapp, Electric Superintendent

Trevor Hayberger, Law Director

Gregory J. Heath, Finance Director/Clerk of Council Scott Hoover, Water Treatment Plant Superintendent

Dan Wachtman, MIS Administrator

Recorder Others

ABSENT

News Media

Barbara Nelson

None

Call To Order

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

Approval Of Minutes

The August 12 meeting minutes stand approved as presented with no objections or corrections.

Review Of Billing Determinants

The electric billing determinants for September were presented for review. McColley asked why the cost for the solar field is 8.5 cents on the dot when other rates go to the $10/1000^{th}$ of a decimal. Bisher said this is what members voted on. When we signed up, the price we agreed on was \$85 per meg or 8.5 cents. We don't know the price of RECs. Solar can be expensive energy until you get the debt service off of it. The members said we would pay 85 cents. The difference of what we are getting on RECs pays off the debt service. We put the debt on AMP's letter of credit. It should be paid off in 12-15 years, depending on the price of RECs. They charge us \$85.00 per meg and put the extra on the principal of the loan. That's why it's an exact number.

Cordes asked how long solar panels last. Bisher said we hope it will be 20-30 years and that we can pay it off in 12 years. The sooner we pay it off, the sooner we will have a profit.

Motion To Recommend Approval Of Electric Billing Determinants Motion: DeWit Second: Cordes

To recommend approval of electric billing determinants for September

2013 as follows:

Generation Charge: Residential @ \$.08226; Commercial @ \$.09825; Large Power @ \$.05605; Industrial @ \$.05605; Demand Charge Large Power @ \$10.78; Industrial @ \$11.46; JV Purchased Cost: JV2 \$.04060;

JV5 @ \$.04060

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

Nay-0 Nay-

Electric Department Report

Clapp gave the Electric Department Report (attached). Maassel asked why the peak load was at 9:27 PM on August 27. Clapp said that was unusual. One of the plants in the City could have been working overtime and had everything running at that time.

DeWit asked if we will show customers the rate levelization cost. Bisher said it will be on our wholesale bill, not the customer bills. Heath has a schedule based on \$35/meg that is different for each month. DeWit asked how we will know how much we are paying ahead. Bisher said we will see it as a wholesale power rate. DeWit said big customers' rate levelization overpayment will be considerable. Hayberger said our highest levelization payment is about \$90,000/month. Bisher said we are short on power in 2014 and have to go to market. We are lucky the market is low. We are capitalizing on that at a time when expensive hydros are coming on.

Motion To Adjourn

Motion: DeWit Second: Clapp

To adjourn the meeting at 6:53 PM

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

Nay-

Date

Keith Engler, Chair

Memorandum

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

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

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

Date: 10/10/2013

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

The Water, Sewer, Refuse, Recycling & Litter Committee, which is regularly scheduled to meet on Monday, October 14 at 7:00 PM, has been <u>CANCELED</u> due to lack of agenda items.

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: August 5, 2013

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, October 14 at 7:30 PM, has been <u>CANCELED</u> due to lack of agenda items.

City of NAPOLEON, Ohio

Operations Department

1775 Industrial Dr., P.O. Box 151, Napoleon, OH 43545

Phone: 419/599-1891 Fax: 419/592-4379





FALL FIRE HYDRANT FLUSHING PROGRAM

The City of Napoleon will be conducting its **FALL FIRE HYDRANT FLUSHING PROGRAM** on the following dates:

The weeks of October 14th, through October 25th, 2013.

Flushing in the Downtown area, along with the areas of North Scott Street, Becklee Drive and Bonaparte Drive will be conducted on October 25, 2013 between the hours of 12:00 a.m. and 8:00 a.m.

The City Crews will start flushing hydrants on the north side of the river near the Water Treatment Plant and work their way to the outer edges of the system.

The flushing of the system is a very important function of the overall maintenance of the water distribution system for the following reasons:

- To insure that the hydrants are in proper working order in case they are needed for fire fighting.
- To verify the flow and location of the hydrants for fire fighting.
- To pull fresh water to low flow and dead end sections of the water mains.

The Water Distribution Department would like to advise that the water sometimes becomes rusty or off-color when we flush hydrants and encourages residents to check the water before doing any washing, cooking or showering. In case this does occur, the water lines may be cleared by running the washing machine through a full cycle with no clothes in the washer. Also check all other fixtures and let the water run until it is clear again.

The crews will be starting at 7:30 a.m. and continue flushing until approximately 3:00 p.m. on weekdays during this period.

If there any other questions or concerns on this matter please feel free to call the Operations Department at 599-1891 between the hours of 7:00 a.m. and 3:30 p.m. The City of Napoleon apologizes for any inconvenience during this period.

City of NAPOLEON, Ohio

Operations Department

1775 Industrial Dr., P.O. Box 151, Napoleon, OH 43545

Phone: 419/599-1891 Fax: 419/592-4379





2013 CURBSIDE VACUUMING

The City will again be offering curbside vacuuming for senior citizens, Golden Buckeye Card holders, or those individuals designated as legally disabled.

The City will honor a <u>written request</u> for curbside vacuuming, along with a copy of a Golden Buckeye Card, or proof of age or disability. The City will make one (1) pass only with the leaf vacuum. All residents submitting a request will be notified by letter if they are approved for this special service and on which day their leaves will be vacuumed.

Please note, these letters of request must be received no later than November 8, 2013 and should be addressed to the following:

City of Napoleon - Operations Dept. ATTN: Leaf Collection P.O. Box 151 Napoleon, OH 43545

The above information will also be available on the City of Napoleon's website at www.napoleonohio.com

October 11, 2013

Communities throughout the nation celebrate 2013 Public Power Week

The 27th country-wide Public Power Week is this week, Oct. 6-12. Communities throughout AMP's membership are celebrating the importance of public power. Below are a few of the many events that have taken place so far:

- The Oberlin Municipal Light and Power System held an open house from noon to 3 p.m. Oct. 5. The event included generating plant tours, energy bike demonstration, thermal infrared imaging demonstration and giveaways.
- Students from 10 schools, including one from Blanchester, attended the Ohio Energy Project's (OEP) Careers Expo on Oct. 8. Tom Sillasen, director of energy accounting and reporting, and Krista Selvage, manager of publications, represented AMP at this OEP event.
- Bucket lift demonstrations and guided tours of the generating plant were part of Dover Light & Power's open house on Oct. 6.
- Bryan Municipal Utilities invited the community to an open house on Oct. 10 that included tours of the hydro plant, demonstrations of the floodgates and giveaways. The event was held at the Auglaize Hydroelectric Plant, which is celebrating its centennial this year.
- The Princeton Electric Plant Board provided a safety demo to area school children for Public Power Week.
- The Westerville Electric Division plans to celebrate 2013 Public Power Week during the entire month of October with many outreach events.
- The City of Cuyahoga Falls and Efficiency Smart partnered up for the 2013 Cuyahoga Falls Electric System (CFES) Public Power Pride Week. Events included an Energy EXPO Oct. 10 and "Bill Pay Giveaway" Customer Appreciation Day Oct. 11.







LEFT: Residents of the Oberlin community, including a local Girl Scout troop, attended the Oberlin Municipal Light and Power System open house in honor of Public Power Week.

TOP LEFT: Students watch a bucket lift during the Princeton Electric Plant Board safety demonstration.

TOP RIGHT: Tom Sillasen, director of energy accounting and reporting, discusses the benefits of public power during the OEP Careers Expo.

Village of Elmore mourns loss of Mayor Krumnow

Longtime Elmore Mayor Lowell Krumnow passed away on Oct. 6. Krumnow, 56, founded the Elmore Historical Society in 1980 and was elected to the Elmore Village Council in 1981. He served as mayor of the Village of Elmore for more than 20 years, from 1992 until his passing.



Lowell Krumnow

Krumnow was a fervent supporter of the Elmore community and was instrumental in the restoration of the Elmore Railroad Depot and the Heckman log home. He was presently employed by Nabisco in Toledo.

Krumnow is survived by his of wife of 25 years, daughter, son, and brothers.

Matt Damschroder, council president and acting mayor, will be sworn in this weekend as mayor.

AMP offers its sincere condolences to Lowell's family and the entire Elmore community.

2013 AMP/OMEA CONFERENCE October 28-31

Don't forget to register

As a reminder, conference registration information is available on the home page of the <u>AMP website</u>. Registration must be completed before Oct. 16 in order to receive the discounted rate.

For more information regarding conference registration, please contact Karen Ritchey at 614.540.0933 or kritchey@amppartners.org.

Conference session to highlight benefits of mutual aid program

By Michelle Palmer – assistant vice president of technical services

The Importance of Mutual Aid & AMP's Program will be offered from 3 to 4 p.m. Oct. 29 as part of the 2013 AMP/ OMEA Conference technical track concurrent sessions.

Gene Post, general manager for Wadsworth Electric and Communications, will join AMP's Manager of Technical Training Bob Rumbaugh to discuss upcoming changes and tools that have been created to assist members in disaster planning and preparation for mutual aid.

Post has served as AMP's Gold Sector mutual aid coordinator for 15 years and chairman of the Mutual Aid Committee for 10 years.

During this conference session, AMP's Technical Services Program Coordinator Jennifer Flockerzie will also unveil updates to the website regarding mutual aid, explain some of the American Public Power Association's mutual aid efforts on the national front, and cover several mutual aid tools that have been created to aid members.

September Operations Statistics						
	JV6 Wind Output	Belleville Output	Avg. A/D Hub On-Peak Rate			
September 2013	11%	54%	\$39.14/MWh			
September 2012	12%	41%	\$36.05/MWh			
	Fremont Energy Center Output	Blue Creek Wind Output	Napoleon Solar Output			
September 2013	16%	18%	21%			
September 2012	55%	18%	20%			
*Fremont capacity factor based on 675 MW rating *Solar capacity factor based on 3.54 MW rating						

PJM energy and capacity markets, FERC oversight to be discussed during conference session

By Cody Ward - power supply planning engineer

Attendees of the 2013 AMP/OMEA Conference are invited to the session Operation of PJM Energy & Capacity Markets & FERC Oversight. The session will be held from 3 to 4 p.m. Oct. 29.

Lisa McAlister, deputy general counsel FERC/RTO affairs, will begin with information about FERC oversight and how that affects municipal electric systems.

Lisa will be followed by Jerry Willman, director of energy marketing, who will explain how PJM's energy markets work. A market simulation will be run to demonstrate how day-ahead energy prices are set.

Craig Kleinhenz, manager of power supply planning, will finish the session by explaining the PJM installed capacity market, called the Reliability Pricing Model (RPM). Attendees will participate in an example auction to better understand how the RPM auctions operate.

Please join us on Oct. 29 to learn more about these topics.

On Peak (16 hour) prices into AEP/Dayton Hub						
Week end	ling Oct. 11					
MON	TUE	WED	THU	FRI		
\$32.37	\$34.38	\$33.01	\$36.43	\$34.33		
Week end	ling Oct. 4					
MON	TUE	WED	THU	FRI		
\$39.70	\$41.52	\$39.70	\$40.30	\$45.65		
AEP/Dayton 2014 5x16 price as of Oct. 11 — \$40.80 AEP/Dayton 2014 5x16 price as of Oct. 4 — \$39.90						

Comments due Nov. 4 on RICE NESHAP reconsideration

By Julia Blankenship - director of energy policy & sustainability

As noted last month, the U.S. Environmental Protection Agency (USEPA) is again reopening certain specific sections of its January 2013 final rule establishing National Emission Standards for Hazardous Air Pollutants (NESHAP) for Reciprocating Internal Combustion Engines (RICE). AMP is in the process of developing comments, which are due to USEPA on Nov. 4, 2013.

USEPA's reconsideration of the final rule is limited to three specific issues:

- The timing for compliance with the ultra-low sulfur diesel fuel requirements
- The timing and information required in annual reports for units that operate over 15 hours per year
- Conditions for operating up to 50 hours per year in non-emergency situations as part of a financial arrangement with another entity

The agency will not take comments on any other sections of the final RICE NESHAP rule.

We are aware of several instances over the summer where members used their RICE units in nonemergency situations allowed under the final rule to avoid local outages. We intend to use these examples (without identifying the members) as evidence that the 50-hour allowance for nonemergency situations should be retained under reconsideration, and not further restricted as certain petitioners have requested. If you have similar experiences, we strongly encourage you also to weigh in with USEPA. Please notify Randy Meyer at rmeyer@amppartners.org or 614.540.0920, and AMP will be able to assist you in developing appropriate comments.

Please feel free to contact me with questions at jblankenship@amppartners.org or 614.540.0840.

AFEC weekly update

By Craig Kleinhenz - manager of power supply planning

AFEC continued its fall maintenance outage this week, resulting in the plant being offline.

The fall outage is expected to start wrapping up over the weekend, with the plant available for dispatch early next week.

www.amppartners.org

Colder weather heats up markets

By Craig Kleinhenz

The weather forecasts for the remainder of October have started to change towards the colder side. This cooler weather is signaling an earlier than anticipated start to the winter heating season.

This news helped to push both natural gas and power prices higher this week. November natural gas prices finished trading on Oct. 10 up \$0.22/MMBtu this week to close at \$3.72/MMBtu. Electric prices closed lower this week with 2014 on-peak electric prices at AD Hub finishing up \$0.90/ MWh from last week, closing at \$40.80/MWh.

Bell to represent ElectSolve at conference breakfast session

By Alice Wolfe – assistant vice president of power supply planning & alternative generation

Steve Bell of ElectSolve will kick off the third day of the 2013 AMP/OMEA Conference from 7:45 to 8:45 a.m. Oct. 30 (breakfast opens at 7:30 a.m.). Bell will discuss one method for a utility to add customer value. By integrating data from a variety of smart grid systems, the utility can return benefits to its customers. This session covers why and how customers benefit when



Steve Bell

a utility integrates the data from all of its automation systems, including AMI/AMR, CIS, SCADA, OMS, EA/GIS, and demand response systems.

ElectSolve, the session sponsor, offers the uCentra Meter Data Management System (MDMS). This system is an integration platform specifically designed to interface to many disparate operational data collection systems. The MDMS is fully interoperable with all collection systems, thereby allowing the MDM portal and dashboards to provide not only summary information, but the ability of the stakeholder to access granular information, such as a specific register value from a smart meter.

ElectSolve is a Hometown Connections partner. Hometown Connections is the utility services subsidiary of the American Public Power Association (APPA). Through Hometown Connections, APPA members of all sizes gain access to discount pricing and integrated utility information systems from the industry's leading vendors, as well as consulting support in the areas of organization assessment, planning, and staffing.

Toledo Public Power featured in 'Public Power' magazine

Toledo Public Power (TPP) is featured in the October 2013 edition of the American Public Power Association's Public Power magazine. The article highlights the efforts of TPP, which began operations in August 2012, to reduce rates by creating a consumer aggregation pool.

To read the full article, visit http://www.nxtbook.com/ naylor/APPH/APPH0713/index.php#/20.

Lineworkers advance skills during AMP training course

By Bob Rumbaugh - manager of technical training

Five employees from four member communities participated in AMP's Lineworker Training Advanced course Oct. 7-11.

The final class in AMP's Lineworker series, this weeklong course delves further into installation skills, simulated energized work and simulated hot stick work. The class is designed to provide an advanced knowledge of trouble investigation, crew leadership, communications and automation.

Participants of AMP's Lineworker Training Advanced pictured below are (from left): row one - Gary Shultz, instructor; Justin Rupp, Bryan; Scott Hicks, Waynesfield; Ray Kovalchick, Hudson; row two - Bob Rumbaugh, lead instructor; Evan Muller, Kutztown; and Bruce Schiffbauer, Hudson.



APPA Academv



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- Smart Grid Technologies—Implementing the Building Blocks of An Advanced Distribution Management System (ADMS) Nov. 19
- 2014 Electric Utility 101 Series

Purchase the entire series (one free webinar) for just \$269.

- Generation: Jan. 15
- Substations: Feb. 19
- Transmission: Mar. 19
- Distribution: Apr. 16

Copies of past webinars can be purchased through the APPA Product Store at www.PublicPower.org/store





Update Classifieds

City of Columbus seeks electrical engineering associate II

The City of Columbus is seeking qualified applicants for the classification of Electrical Engineering Associate II. An Open-Competitive examination is currently open for filing until Oct. 25, 2013.

One vacancy for this classification is currently located within the Department of Public Utilities, Division of Power. This position will be responsible for performing paraprofessional electrical engineering work associated with the Division of Power's Electrical Distribution Systems, Street Lighting, Joint Electric Pole Use/Attachment projects and plan review. This position will also oversee street lighting projects including planning, bid preparation, design and construction.

Responsibilities will also include reviewing plans and designs prepared by city staff and consulting engineers for conformance to planning, contract specifications, federal, state and city regulations and codes and sound engineering principles. To qualify you must have completed the twelfth school grade and have three years of experience performing paraprofessional electrical engineering work. Substitution(s): College education in electrical engineering or a related curriculum may be substituted for the experience on a year-for-year basis. A certificate of high school equivalence (GED) will be accepted in lieu of the twelfth school grade requirement. Possession of a valid motor vehicle operator's license is required. Pay Range 28, \$22.08 - \$26.16 per hour. Interested applicants for this Open-Competitive Examination should apply by visiting the Columbus Civil Service Commission website at https://csc. columbus.gov and clicking on "current job openings" to follow the instructions for application submission as this posting period will close Oct. 25. EOE

Brewster is searching for village administrator candidates

The Village of Brewster is seeking qualified applicants for the position of Village Administrator. Brewster is a statutory village with a population of 2,300 and a budget of \$6.6 million including electric utility. The Village Administrator is responsible for the day-to-day operations of the village, including street, water, wastewater, electric distribution and fire departments. The administrator works directly for the Mayor, and works closely with the Village Council.

Candidates must be self-starters, have strong organizational, interpersonal, oral and written communication skills. The Mayor and Council are looking for a candidate with experience in utility management (with an emphasis on electric utilities), economic development programs and practices and community planning skills.

Candidate must have a Bachelor's Degree or equivalent degree and five years of experience in local government and or

utility administration/management. Interested candidates should submit a cover letter, resume and five professional references by Oct. 11, 2013 to EDDS Local Government Services, 915 Catlin Court, Kent, OH 44240. The Village of Brewster is an Equal Opportunity Employer.

Schuylkill Haven in need of journeyman electric lineman

The Borough of Schuylkill Haven is accepting applications for a journeyman electric lineman position.

Minimum qualifications include: graduation from the standard four-year high school, successful completion of an approved apprenticeship program of at least four years in duration and Pennsylvania CDL license.

Schuylkill Haven Borough owns and operates its own electric system. The electric system includes: substation, poles, transmission lines, transformers and secondary services. The successful application should have knowledge/background including all of these appurtenances. This is a full time position.

Schuylkill Haven is located In Schuylkill County, PA and has a population of 5,500. Schuylkill Haven borough has an excellent compensation/benefit package and is an Equal Opportunity Employer. A complete job description and job application can be obtained by contacting the borough office at 570.385.2841 or by logging on to the Borough's website www.schuylkillhaven.org.

Please submit a completed job application, resume, certifications and three references to: Scott J. Graver, Borough Administrator, Schuylkill Haven Borough Office, 12 W. Main St., Schuylkill Haven, and PA 17972.



American Municipal Power, Inc.
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Columbus, Ohio 43229
614.540.1111 • FAX 614.540.1113
www.amppartners.org



Legislative Bulletin

Ohio Municipal League Legislative Bulletin

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Committee Schedule

October 4, 2013

MUNICIPAL LEAGUE WELCOMES ATTENDEES AND SPECIAL GUESTS TO ANNUAL CONFERENCE

The Ohio Municipal League held its annual conference last week at the Sheraton on Cap Square with a great line-up of speakers and a very strong representation of municipal officials from across the state. Although we were at a new location this year, our attendees were able to once again interact with the large amount of vendors who again helped make our conference a big success with a very productive exhibit show. We want to thank all of our presenters who spent part of their day educating our attendees about hot topics related to municipal government at the Statehouse and on the grassroots level. We especially want to extend a special thank you to State Treasurer Josh Mandel, State Senator and President Pro Tempore Chris Widener (R-Springfield), Representatives Terry Blair (R-Washington Twp.) and Connie Pillich (D-Montgomery). The insight shared by these legislative leaders was greatly appreciated by our attendees and league staff. Lastly, we want to thank all our member attendees who spent the two days with us in Columbus and who makes the hard work necessary to put the program together worth it.

Although there were many issues discussed by our attendees through workshops and presentations during the conference, no other topic received the amount of attention or level of interest like the status of HB 5, the municipal income tax uniformity bill. On Thursday, a Resolution opposing HB 5, "as introduced", was adopted by the full membership. Follow the following links for the **Resolution** and accompanying **press release**. The league membership felt it was important to reiterate their united opposition to the original version of what is contained in HB 5 and to reiterate that they support greater uniformity, predictability and simplification of the municipal income tax structure but an attack on municipal revenues should not be part of any legislative solution.

OHIO GENERAL ASSEMBLY RETURNS TO STATEHOUSE FROM SUMMER RECESS WITH NEW BILLS

The Ohio General Assembly officially returned to the Statehouse this week from their summer break, resuming committee hearings and sessions to consider bills already introduced and to unveil legislative ideas members have been working on over the summer. Two new bills in particular have garnered more attention by our members then some of their newly presented counterparts. On Tuesday, State Representative Peter Stautberg (R-Cincinnati) introduced HB 277 which is another legislative attempt to alter the current and most widely used Type-II annexation procedure available to communities seeking greater economic development opportunities. More specifically, HB 277 would require that the state or a political subdivision real estate owner be included in determining the number of owners needed to sign a petition for an expedited type-II annexation, unless the real estate is a road or road right-of-way, to make other changes regarding

that type of annexation, and to change for regular annexations the time at which to determine whether the required number of signatures were obtained (Am. 709.02, 709.021, 709.023, and 709.033). The bill has been referred to the House State and Local Government committee where it has yet to be heard.

The other bill that has firmly landed on our radar screen is legislation from the Ohio Senate, SB 196, introduced last month by Sen. Tom Patton (R-Strongsville) which would set limitations on municipalities' ability to operate electronic traffic monitoring devices or cameras. The bill has been referred to the Senate State Government Oversight & Reform Committee and specifically would prohibit the use of traffic law photo-monitoring devices by municipal corporations to detect signal light violations unless the municipal corporation is authorized to establish a mayor's court. SB 196 joins HB 69, sponsored by Rep. Ron Maag (R-Lebanon), in the Senate State Oversight & Reform Committee. HB 69, passed by the Ohio House of Representatives June 25th, imposes an outright ban on the use of traffic monitoring devices by municipalities, townships and the Highway Patrol.

HB 69 is scheduled for a Sponsor's hearing Tuesday, October 8 at 9am in the North Hearing Room.

MUNICIPAL TAX UNIFORMITY BILL DISCUSSIONS CONTINUE

Work continues, meetings persist and language continues to be drafted and reworked all in an attempt to address the sometimes difficult and technically intricate issues contained in HB 5. Previously, there had been discussions that the House Ways and Means Committee would be presented with recommended changes being proposed to the "as introduced" version of HB 5 on October 9th when the committee meets but, there has been a change in the schedule. From the Chairman's committee announcement received Thursday, HB 5 is not listed on the agenda so there will not be a hearing for HB 5 on that date. We will be sure to keep our members updated on the status of the bill and when any new language will be presented to the committee.