

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5
6	7 7:00 pm City Council	8 10:30 am Privacy Comm. 4:30 pm BZA 5:00 pm Planning Comm.	9	10	11	12
13	14 6:30 pm Electric Comm 6:30 pm BOPA 7:00 pm Water/Sewer 7:15pm Personnel Comm	15	16	17	18	19
20	21 7:00 City Council	22 4:30 pm Civil Service	23	24 CLOSED Thanksgiving	25	26
27	28 6:30 Finance & Budget 7:30 Safety & Human Resources Comm.	29	30 6:30 pm Parks & Rec Board	01 DECEMBER	02 DECEMBER	03 DECEMBER
					Budget Review Meetings	

City of Napoleon, Ohio

ELECTRIC COMMITTEE

Meeting Agenda

Monday, November 14, 2016 at 6:30 pm

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

- 1) Approval of the Minutes from October 10, 2016 (*In the absence of any objections or corrections, the Minutes shall stand approved*)
- 2) Review/Approval of the Power Supply Cost Adjustment Factor for November, 2016:
PSCAF three (3) month averaged factor-\$0.00499 (Prior PSCAF October 2016 factor-\$0.00982)
JV2: \$0.101015
JV5: \$0.101015
- 3) Electric Department Report.
- 4) Any other matters currently assigned to the Committee
- 5) Adjournment

Gregory J. Heath
Finance Director/Clerk of Council

NOVEMBER 2016

City of Napoleon, Ohio

DETERMINATION OF MONTHLY - POWER SUPPLY COST ADJUSTMENT FACTOR (PSCAF)

AMP Billed Usage Month	City Billing Month	City Net (Prior Mo) kWh Delivered	Purchased Power Supply Costs (*Net of Known) (Credit's) Actual Billed	Rolling 3-Month Totals Current + Prior 2 Months kWh Cost c + prior 2 Mo	Rolling 3-Month Totals Current + Prior 2 Months kWh Cost d + prior 2 Mo	Rolling 3 Month Average Cost f / e	Less: Fixed Base Power Supply Cost \$0.07194 Fixed	PSCA Dollar Difference + or (-) g + h	PSCAF 3 MONTH AVERAGED FACTOR i X 1.075
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Oct '14	Dec '14	12,957,031	\$ 1,007,380.97	40,854,845 \$ 3,010,789.99	\$ 0.07369	\$ (0.07194)	\$ 0.00175	\$ 0.00189	
Nov '14	Jan '15	13,630,693	\$ 1,048,435.47	39,521,652 \$ 2,928,938.99	\$ 0.07411	\$ (0.07194)	\$ 0.00217	\$ 0.00233	
Dec '14	Feb '15	14,030,217	\$ 1,077,557.19	40,617,941 \$ 3,133,373.63	\$ 0.07714	\$ (0.07194)	\$ 0.00520	\$ 0.00559	
Jan '15	March '15	14,814,734	\$* 1,036,847.14	42,475,644 \$ 3,162,839.80	\$ 0.07446	\$ (0.07194)	\$ 0.00252	\$ 0.00271	
Feb '15	April '15	13,867,347	\$ 960,357.18	42,712,298 \$ 3,074,761.51	\$ 0.07199	\$ (0.07194)	\$ 0.00005	\$ 0.00005	
March '15	May '15	13,844,262	\$ 1,003,564.83	42,526,343 \$ 3,000,769.15	\$ 0.07056	\$ (0.07194)	\$ (0.00138)	\$ (0.00148)	
April '15	June '15	12,167,778	\$ 886,097.15	39,879,387 \$ 2,850,019.16	\$ 0.07147	\$ (0.07194)	\$ (0.00047)	\$ (0.00051)	
May '15	July '15	11,261,298	\$ 881,002.83	37,273,338 \$ 2,770,664.81	\$ 0.07433	\$ (0.07194)	\$ 0.00239	\$ 0.00257	
Jun '15	Aug '15	13,738,522	\$ 916,655.51	37,167,598 \$ 2,683,755.49	\$ 0.07221	\$ (0.07194)	\$ 0.00027	\$ 0.00029	
Jul '15	Sep '15	15,053,827	\$ 979,654.01	40,053,647 \$ 2,777,312.35	\$ 0.06934	\$ (0.07194)	\$ (0.00260)	\$ (0.00280)	
Aug '15	Oct '15	15,336,926	\$ 965,909.05	44,129,275 \$ 2,862,218.57	\$ 0.06486	\$ (0.07194)	\$ (0.00708)	\$ (0.00761)	
Sept '15	Nov '15	14,245,268	\$ 1,020,249.35	44,636,021 \$ 2,965,812.41	\$ 0.06644	\$ (0.07194)	\$ (0.00550)	\$ (0.00591)	
Oct '15	Dec '15	13,510,482	\$ 809,877.76	43,092,676 \$ 2,796,036.16	\$ 0.06488	\$ (0.07194)	\$ (0.00706)	\$ (0.00758)	
Nov '15	Jan '16	13,060,476	\$ 939,293.49	40,816,226 \$ 2,769,420.60	\$ 0.06785	\$ (0.07194)	\$ (0.00409)	\$ (0.00440)	
Dec '15	Feb '16	13,634,579	\$ 863,769.64	40,205,537 \$ 2,612,940.89	\$ 0.06499	\$ (0.07194)	\$ (0.00695)	\$ (0.00747)	
Jan '16	Mar '16	14,813,772	\$ 1,060,489.73	41,508,827 \$ 2,863,552.86	\$ 0.06899	\$ (0.07194)	\$ (0.00295)	\$ (0.00317)	
Feb '16	Apr '16	13,961,098	\$ 1,012,584.64	42,409,449 \$ 2,936,844.01	\$ 0.06925	\$ (0.07194)	\$ (0.00269)	\$ (0.00289)	
Mar '16	May '16	12,975,047	\$ 1,017,837.14	41,749,917 \$ 3,090,911.51	\$ 0.07403	\$ (0.07194)	\$ 0.00209	\$ 0.00225	
Apr '16	June '16	12,132,975	\$ 897,981.75	39,069,120 \$ 2,928,403.53	\$ 0.07495	\$ (0.07194)	\$ 0.00301	\$ 0.00324	
May '16	July '16	11,244,178	\$ 976,900.73	36,352,200 \$ 2,892,719.62	\$ 0.07957	\$ (0.07194)	\$ 0.00763	\$ 0.00821	
June '16	Aug '16	12,200,629	\$ 1,068,079.71	35,577,782 \$ 2,942,962.19	\$ 0.08272	\$ (0.07194)	\$ 0.01078	\$ 0.01159	
July '16	Sep '16	13,629,297	\$* 1,080,619.47	37,074,104 \$ 3,125,599.91	\$ 0.08431	\$ (0.07194)	\$ 0.01237	\$ 0.01329	
Aug '16	Oct '16	15,596,452	\$* 1,210,058.88	41,426,378 \$ 3,358,758.06	\$ 0.08108	\$ (0.07194)	\$ 0.00914	\$ 0.00982	
Sep '16	Nov '16	14,780,525	\$* 1,079,259.61	44,006,274 \$ 3,369,937.96	\$ 0.07658	\$ (0.07194)	\$ 0.00464	\$ 0.00499	

BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - NOVEMBER, 2016									
2016 - NOVEMBER BILLING WITH OCTOBER 2016 DATA BILLING UNITS									
PREVIOUS MONTH'S POWER BILLS - PURCHASED POWER KWH AND COST ALLOCATIONS BY DEMAND & ENERGY:									
<u>DATA PERIOD</u>	<u>MONTH / YR</u>	<u>DAYS IN MONTH</u>	<u>MUNICIPAL PEAK</u>						
AMP-Ohio Bill Month	SEPTEMBER, 2016	30	30,996						
City-System Data Month	OCTOBER, 2016	31							
City-Monthly Billing Cycle	NOVEMBER, 2016	30							
=====<u>CONTRACTED AND OPEN MARKET POWER</u>=====									
=====<u>PEAKING</u>=====									
=====<u>HYDRO POWER</u>=====									
(FREEMONT	PRAIRIE STATE	MORGAN STNLY	NORTHERN	JV-2	AMP-HYDRO	MELDAHL-HYDR	GREENUP HYDR	GREENUP HYDR
PURCHASED POWER-RESOURCES ->	AMP CT	ENERGY	SCHED. @ PJMC	REPLMNT.2015-20	POWER	PEAKING	CSW	SCHED. @	SCHED. @
(SCHED. @ ATSI	SCHEDULED	REPLMT@ PJMC	7x24 @ AD	POOL	SCHED. @ ATSI	SCHED. @ PJMC	MELDAHL BUS	GREENUP BUS
Delivered kWh (On Peak) ->	93,503	2,497,274	3,601,275	2,736,000	1,244,968	1,249	614,067	106,064	94,279
Delivered kWh (Off Peak) ->					378,212				
Delivered kWh (Replacement/Losses/Offset) ->									
Delivered kWh/Sale (Credits) ->					-729,356				
Net Total Delivered kWh as Billed ->	93,503	2,497,274	3,601,275	2,736,000	893,824	1,249	614,067	106,064	94,279
<i>Percent % of Total Power Purchased-></i>	<i>0.6902%</i>	<i>18.4331%</i>	<i>26.5820%</i>	<i>20.1952%</i>	<i>6.5976%</i>	<i>0.0092%</i>	<i>4.5326%</i>	<i>0.7829%</i>	<i>0.6959%</i>
<u>COST OF PURCHASED POWER:</u>									
<u>DEMAND CHARGES (+Debits)</u>									
Demand Charges	\$34,835.57	\$41,131.77	\$58,851.09			\$837.26	\$11,513.38	\$4,132.27	\$1,325.94
Debt Services (Principal & Interest)		\$44,279.65	\$99,491.04				\$137,780.07	\$15,418.59	\$4,557.30
<u>DEMAND CHARGES (-Credits)</u>									
Transmission Charges (Demand-Credits)	-\$29,649.45					-\$542.45			
Capacity Credit	-\$62,412.87	-\$32,975.88	-\$14,555.97			-\$1,487.38	-\$2,552.41	-\$1,653.62	-\$854.47
Sub-Total Demand Charges	-\$57,226.75	\$52,435.54	\$143,786.16	\$0.00	\$0.00	-\$1,192.57	\$146,741.04	\$17,897.24	\$5,028.77
<u>ENERGY CHARGES (+Debits):</u>									
Energy Charges - (On Peak)	\$8,466.72	\$71,792.30	\$42,108.94	\$172,231.20	\$61,984.71	\$54.81	\$180.57	-\$72.73	\$105.37
Energy Charges - (Replacement/Off Peak)					\$10,353.74				
Net Congestion, Losses, FTR		\$5,757.53	\$8,952.74	\$1,355.75			\$1,641.49	\$188.21	\$112.18
Transmission Charges (Energy-Debits)			\$37,394.52						
ESPP Charges									
Bill Adjustments (General & Rate Levelization)		\$126.66				\$44.42	-\$1,228.13	-\$9,253.50	\$389.66
<u>ENERGY CHARGES (-Credits or Adjustments):</u>									
Energy Charges - On Peak (Sale or Rate Stabilization)					-\$20,254.01				
Net Congestion, Losses, FTR									
Bill Adjustments (General & Rate Levelization)			\$6,790.81				-\$59,570.52	-\$212.13	-\$188.56
Sub-Total Energy Charges	\$8,466.72	\$77,676.49	\$95,247.01	\$173,586.95	\$52,084.44	\$99.23	-\$58,976.59	-\$9,350.15	\$418.65
<u>TRANSMISSION & SERVICE CHARGES, MISC.:</u>									
RPM / PJM Charges Capacity - (+Debit)									
RPM / PJM Charges Capacity - (-Credit)									
Service Fees AMP-Dispatch Center - (+Debit/-Credit)									
Service Fees AMP-Part A - (+Debit/-Credit)									
Service Fees AMP-Part B - (+Debit/-Credit)									
Other Charges & Bill Adjustments - (+Debit/-Credit)									
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL - ALL COSTS OF PURCHASED POWER	-\$48,760.03	\$130,112.03	\$239,033.17	\$173,586.95	\$52,084.44	-\$1,093.34	\$87,764.45	\$8,547.09	\$5,447.42
<i>Purchased Power Resources - Cost per kWh-></i>	<i>-\$0.521481</i>	<i>\$0.052102</i>	<i>\$0.066375</i>	<i>\$0.063446</i>	<i>\$0.058271</i>	<i>-\$0.875372</i>	<i>\$0.142923</i>	<i>\$0.080584</i>	<i>\$0.057780</i>

BILLING SUMMARY AND CONS									
2016 - NOVEMBER BILLING WITH OCTOBER 2016									
PREVIOUS MONTH'S POWER BILLS - PL									
DATA PERIOD									
AMP-Ohio Bill Month									
City-System Data Month									
City-Monthly Billing Cycle									
	====WIND====			====SOLAR====	====TRANSMISSION, SERVICE FEES & MISC. CONTRACTS====				
(NYPA	JV-5	JV-6	AMP SOLAR	EFFNCY.SMART	TRANSMISSION	SERVICE FEES	MISCELLANEOUS	TOTAL -
PURCHASED POWER-RESOURCES ->	HYDRO	HYDRO	WIND	PHASE 1	POWER PLANT	CHARGES	DISPATCH, A & B	CHARGES &	ALL
(SCHED. @ NYIS	7x24 @ ATSI	SCHED. @ ATSI	SCHED. @ ATSI	2014 - 2017	Other Charges	Other Charges	LEVELIZATION	RESOURCES
Delivered kWh (On Peak) ->	492,288	2,223,360	17,856	144,379	0	0	0	0	13,866,562
Delivered kWh (Off Peak) ->									378,212
Delivered kWh (Replacement/Losses/Offset) ->		32,354							32,354
Delivered kWh/Sale (Credits) ->									-729,356
Net Total Delivered kWh as Billed ->	492,288	2,255,714	17,856	144,379	0	0	0	0	13,547,772
Percent % of Total Power Purchased->	3.6337%	16.6501%	0.1318%	1.0657%	0.0000%	0.0000%	0.0000%	0.0000%	100.0000%
								Verification Total ->	100.0000%
COST OF PURCHASED POWER:									
DEMAND CHARGES (+Debits)									
Demand Charges	\$6,505.86	\$35,332.94	\$1,576.48			\$106,861.13			\$302,903.69
Debt Services (Principal & Interest)		\$55,381.81							\$356,908.46
DEMAND CHARGES (-Credits)									
Transmission Charges (Demand-Credits)		-\$10,889.95	-\$117.67						-\$41,199.52
Capacity Credit	-\$4,412.61	-\$14,514.20	-\$106.71						-\$135,526.12
Sub-Total Demand Charges	\$2,093.25	\$65,310.60	\$1,352.10	\$0.00	\$0.00	\$106,861.13	\$0.00	\$0.00	\$483,086.51
ENERGY CHARGES (+Debits):									
Energy Charges - (On Peak)	\$9,019.78	\$55,210.55		\$12,272.22		\$6,816.94			\$440,171.38
Energy Charges - (Replacement/Off Peak)									\$10,353.74
Net Congestion, Losses, FTR	\$2,997.20								\$21,005.10
Transmission Charges (Energy-Debits)									\$37,394.52
ESPP Charges					\$17,863.18				\$17,863.18
Bill Adjustments (General & Rate Levelization)								\$0.00	-\$9,920.89
ENERGY CHARGES (-Credits or Adjustments):									
Energy Charges - On Peak (Sale or Rate Stabilization)									-\$20,254.01
Net Congestion, Losses, FTR									\$0.00
Bill Adjustments (General & Rate Levelization)	-\$3,018.12								-\$56,198.52
Sub-Total Energy Charges	\$8,998.86	\$55,210.55	\$0.00	\$12,272.22	\$17,863.18	\$6,816.94	\$0.00	\$0.00	\$440,414.50
TRANSMISSION & SERVICE CHARGES, MISC.:									
RPM / PJM Charges Capacity - (+Debit)						\$144,234.85			\$144,234.85
RPM / PJM Charges Capacity - (-Credit)									\$0.00
Service Fees AMP-Dispatch Center - (+Debit/-Credit)							\$646.53		\$646.53
Service Fees AMP-Part A - (+Debit/-Credit)							\$2,969.55		\$2,969.55
Service Fees AMP-Part B - (+Debit/-Credit)							\$7,907.67		\$7,907.67
Other Charges & Bill Adjustments - (+Debit/-Credit)									\$0.00
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$144,234.85	\$11,523.75	\$0.00	\$155,758.60
TOTAL - ALL COSTS OF PURCHASED POWER	\$11,092.11	\$120,521.15	\$1,352.10	\$12,272.22	\$17,863.18	\$257,912.92	\$11,523.75	\$0.00	\$1,079,259.61
								Verification Total ->	\$1,079,259.61
Purchased Power Resources - Cost per kWh->	\$0.022532	\$0.053429	\$0.075722	\$0.085000	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.079663
								(Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWH) = JV2 Electric Service Rate ->	\$0.101015
								(Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWH) = JV5 Electric Service Rate ->	\$0.101015



AMERICAN MUNICIPAL POWER, INC.

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

INVOICE NUMBER: 195051
INVOICE DATE: 10/13/2016
DUE DATE: 10/28/2016
TOTAL AMOUNT DUE: \$930,876.15
CUSTOMER NUMBER: 5020
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. MAKE CHECK PAYABLE TO AMP

Northern Power Pool Billing - September, 2016

MUNICIPAL PEAK: 30,996 kW
TOTAL METERED ENERGY: 13,633,910 kWh

Total Power Charges: \$661,439.48
Total Transmission Charges: \$257,912.92
Total Other Charges: \$11,523.75
Total Miscellaneous Charges: \$0.00

GRAND TOTAL POWER INVOICE: \$930,876.15

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

NOTE: PLEASE SEE ENCLOSED BACKUP FOR MORE DETAILED INFORMATION

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

Wire or ACH Transfer Information :
Huntington National Bank
Columbus, Ohio
Account 0189-2204055
ABA: #044 000024

Mailing Address :
AMP, Inc.
Dept. L614
Columbus, Oh 43260

Notes:

DETAIL INFORMATION OF POWER CHARGES September , 2016

Napoleon

FOR THE MONTH OF:	September, 2016	Total Metered Load kWh:	13,633,910
		Transmission Losses kWh:	-86,138
		Distribution Losses kWh:	0
		Total Energy Req. kWh:	13,547,772
TIME OF FENTS PEAK:	09/07/2016 @ H.E. 16:00	COINCIDENT PEAK kW:	30,522
TIME OF MUNICIPAL PEAK:	09/07/2016 @ H.E. 15:00	MUNICIPAL PEAK kW:	30,996
TRANSMISSION PEAK:	July, 2015	TRANSMISSION PEAK kW:	30,302
		PJM Capacity Requirement kW:	29,713

Napoleon Resources

AMP CT - Sched @ ATSI				
Demand Charge:	\$2.809320	/ kW *	12,400 kW =	\$34,835.57
Energy Charge:	\$0.090550	/ kWh *	93,503 kWh =	\$8,466.72
Transmission Credit:	\$2.391085	/ kW *	-12,400 kW =	-\$29,649.45
Capacity Credit:	\$5.033296	/ kW *	-12,400 kW =	-\$62,412.87
Subtotal	-\$0.521480	/ kWh *	93,503 kWh =	-\$48,760.03
Fremont - sched @ Fremont				
Demand Charge:	\$4.691658	/ kW *	8,767 kW =	\$41,131.77
Energy Charge:	\$0.028748	/ kWh *	2,497,274 kWh =	\$71,792.30
Net Congestion, Losses, FTR:	\$0.002306	/ kWh *		\$5,757.53
Capacity Credit:	\$3.761364	/ kW *	-8,767 kW =	-\$32,975.88
Debt Service	\$5.050719	/ kW	8,767 kW	\$44,279.65
Adjustment for prior month:				\$126.66
Subtotal	\$0.052102	/ kWh *	2,497,274 kWh =	\$130,112.03
AMP Hydro CSW - Sched @ PJMC				
Demand Charge:	\$5.186477	/ kW *	2,220 kW =	\$11,513.38
Energy Charge:	\$0.000294	/ kWh *	614,067 kWh =	\$180.57
Net Congestion, Losses, FTR:	\$0.002673	/ kWh *		\$1,641.49
Capacity Credit:	\$1.149794	/ kW *	-2,220 kW =	-\$2,552.41
Debt Service	\$62.066321	/ kW	2,220 kW	\$137,780.07
Board Approved Rate Levelization				-\$59,570.52
REC Credit (Estimate)				-\$1,228.13
Subtotal	\$0.142923	/ kWh *	614,067 kWh =	\$87,764.45
Meldahl Hydro - Sched @ Meldahl Bus				
Demand Charge:	\$8.198948	/ kW *	504 kW =	\$4,132.27
Energy Charge:	-\$0.000686	/ kWh *	106,064 kWh =	-\$72.73
Net Congestion, Losses, FTR:	\$0.001774	/ kWh *		\$188.21
Capacity Credit:	\$3.280992	/ kW *	-504 kW =	-\$1,653.62
Debt Service	\$30.592440	/ kW	504 kW	\$15,418.59
Board Approved Rate Levelization				-\$9,253.50
REC Credit (Estimate)				-\$212.13
Subtotal	\$0.080584	/ kWh *	106,064 kWh =	\$8,547.09
JV6 - Sched @ ATSI				
Demand Charge:			300 kW	
Energy Charge:			17,856 kWh	
Transmission Credit:	\$0.392233	/ kW *	-300 kW =	-\$117.67
Capacity Credit:	\$0.355700	/ kW *	-300 kW =	-\$106.71
Subtotal	-\$0.012566	/ kWh *	17,856 kWh =	-\$224.38
Greenup Hydro - Sched @ Greenup Bus				
Demand Charge:	\$4.018000	/ kW *	330 kW =	\$1,325.94
Energy Charge:	\$0.001118	/ kWh *	94,279 kWh =	\$105.37
Net Congestion, Losses, FTR:	\$0.001190	/ kWh *		\$112.18
Capacity Credit:	\$2.589303	/ kW *	-330 kW =	-\$854.47
Debt Service	\$13.810000	/ kW	330 kW	\$4,557.30
Board Approved Rate Levelization				\$389.66
REC Credit (Estimate)				-\$188.56
Subtotal	\$0.057780	/ kWh *	94,279 kWh =	\$5,447.42
Prairie State - Sched @ PJMC				
Demand Charge:	\$11.826988	/ kW *	4,976 kW =	\$58,851.09
Energy Charge:	\$0.011693	/ kWh *	3,601,275 kWh =	\$42,108.94
Net Congestion, Losses, FTR:	\$0.002486	/ kWh *		\$8,952.74
Capacity Credit:	\$2.925235	/ kW *	-4,976 kW =	-\$14,555.97
Debt Service	\$19.994180	/ kW	4,976 kW	\$99,491.04
Transmission from PSEC to PJM/MISO, including non-Prairie State variable charges/credits	\$0.010384	/ kWh	3,601,275 kWh	\$37,394.52
Board Approved Rate Levelization				\$6,790.81
Subtotal	\$0.066375	/ kWh *	3,601,275 kWh =	\$239,033.17
NYPA - Sched @ NYIS				
Demand Charge:	\$7.056247	/ kW *	922 kW =	\$6,505.86
Energy Charge:	\$0.018322	/ kWh *	492,288 kWh =	\$9,019.78
Net Congestion, Losses, FTR:	\$0.006088	/ kWh *		\$2,997.20
Capacity Credit:	\$4.664493	/ kW *	-946 kW =	-\$4,412.61
Adjustment for prior month:				-\$3,018.12
Subtotal	\$0.022532	/ kWh *	492,288 kWh =	\$11,092.11
JV5 - 7X24 @ ATSI				
Demand Charge:			3,088 kW	
Energy Charge:			2,223,360 kWh	
Transmission Credit:	\$3.526538	/ kW *	-3,088 kW =	-\$10,889.95
Capacity Credit:	\$4.700194	/ kW *	-3,088 kW =	-\$14,514.20
Subtotal	-\$0.011426	/ kWh *	2,223,360 kWh =	-\$25,404.15
JV5 Losses - Sched @ ATSI				
Energy Charge:			32,354 kWh	

DETAIL INFORMATION OF POWER CHARGES September , 2016

Napoleon

	Subtotal	#N/A	/ kWh *	32,354 kWh =	\$0.00
JV2 - Sched @ ATSI					
Demand Charge:				264 kW	
Energy Charge:	\$0.043880	/ kWh *		1,249 kWh =	\$54.81
Transmission Credit:	\$2.054735	/ kW *		-264 kW =	-\$542.45
Capacity Credit:	\$5.634015	/ kW *		-264 kW =	-\$1,487.38
	Subtotal	-\$1.581172	/ kWh *	1,249 kWh =	-\$1,975.02
AMP Solar Phase I - Sched @ ATSI					
Demand Charge:				1,040 kW	
Energy Charge:	\$0.085000	/ kWh *		144,379 kWh =	\$12,272.22
	Subtotal	\$0.085000	/ kWh *	144,379 kWh =	\$12,272.22
Morgan Stanley 2015-2020 - 7x24 @ AD					
Demand Charge:				3,800 kW	
Energy Charge:	\$0.062950	/ kWh *		2,736,000 kWh =	\$172,231.20
Net Congestion, Losses, FTR:	\$0.000496	/ kWh *			\$1,355.75
	Subtotal	\$0.063446	/ kWh *	2,736,000 kWh =	\$173,586.95
Efficiency Smart Power Plant 2014-2017					
ESPP 2014-2017 obligation @ \$1.400 /MWh x 153,113. MWh / 12					\$17,863.18
	Subtotal	#N/A	/ kWh *	0 kWh =	\$17,863.18
Northern Power Pool:					
On Peak Energy Charge: (M-F HE 08-23 EDT)	\$0.049788	/ kWh *		1,244,968 kWh =	\$61,984.71
Off Peak Energy Charge:	\$0.027375	/ kWh *		378,212 kWh =	\$10,353.74
Sale of Excess Non-Pool Resources to Pool	\$0.027770	/ kWh *		-729,355 kWh =	-\$20,254.01
	Subtotal	\$0.058271	/ kWh *	893,825 kWh =	\$52,084.44
Total Demand Charges:					\$283,096.89
Total Energy Charges:					\$378,342.59
Total Power Charges:				13,547,772 kWh	\$661,439.48
TRANSMISSION CHARGES:					
Demand Charge:	\$3.526537	/ kW *		30,302 kW =	\$106,861.13
Energy Charge:	\$0.000602	/ kWh *		11,324,412 kWh =	\$6,816.94
RPM (Capacity) Charges:	\$4.854300	/ kW *		29,713 kW =	\$144,234.85
TOTAL TRANSMISSION CHARGES:	\$0.022775	/ kWh *		11,324,412 kWh =	\$257,912.92
Dispatch Center Charges:	\$0.000047	/ kWh *		13,633,910 kWh =	\$646.53
Service Fee Part A,					
Based on Annual Municipal Sales	\$0.000229	/ kWh *		155,609,698 kWh 1/12 =	\$2,969.55
Service Fee Part B,					
Energy Purchases	\$0.000580	/ kWh *		13,633,910 kWh =	\$7,907.67
TOTAL OTHER CHARGES:					\$11,523.75
GRAND TOTAL POWER INVOICE:					\$930,876.15

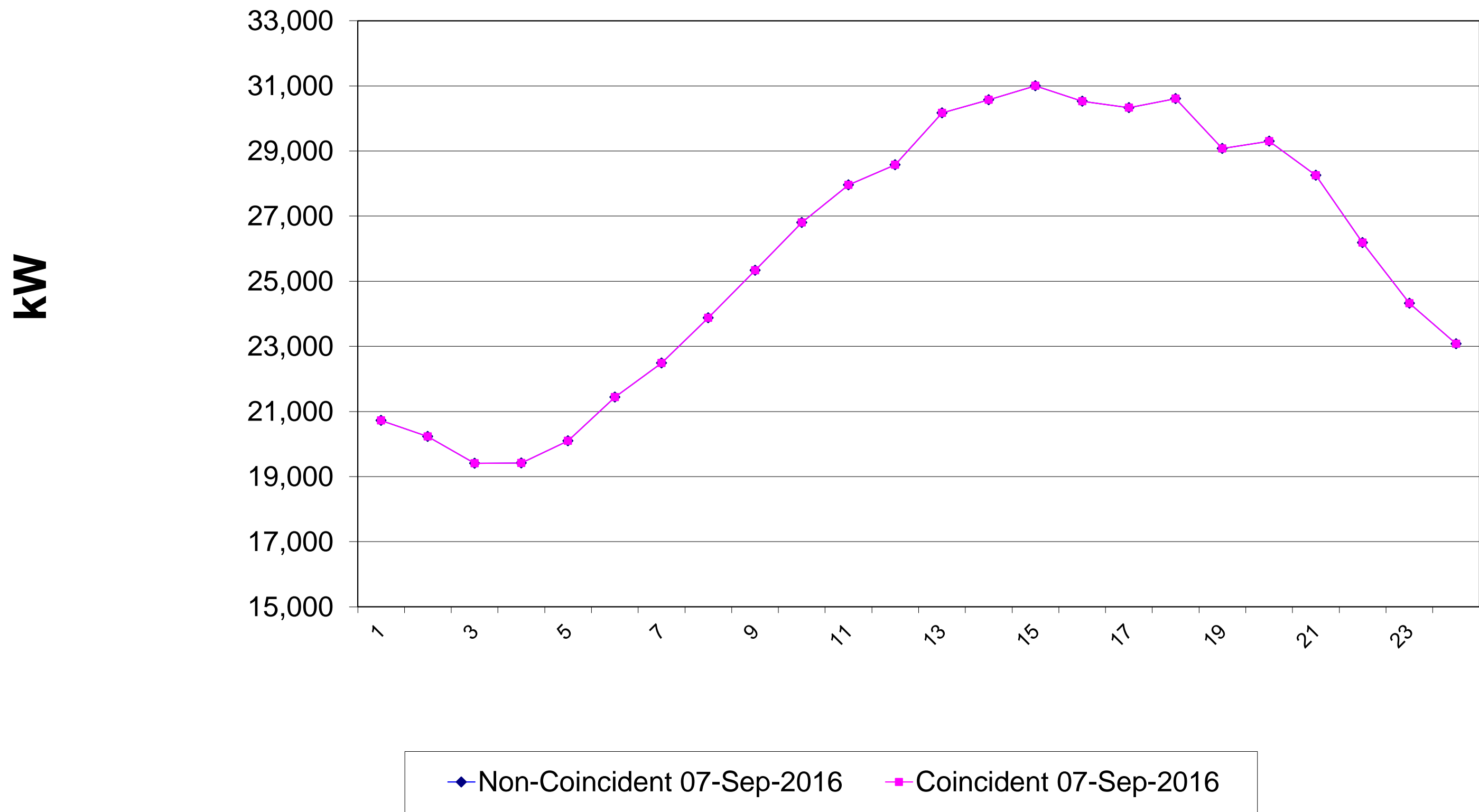
Napoleon Capacity Plan - Actual											
Sep 2016		ACTUAL DEMAND = 30.996 MW									
Days 30		ACTUAL ENERGY = 13,634 MWH									
SOURCE (1)		DEMAND MW (2)	ENERGY MWH (4)	LOAD FACTOR (5)	RATE \$/KW (6)	RATE \$/MWH (7)	DEMAND CHARGE (9)	ENERGY CHARGE (10)	TOTAL CHARGES (11)	EFFECTIVE RATE \$/MWH (12)	% OF DOLLARS (13)
1	NPP Pool Purchases	0.00	1,623	0%	\$0.00	\$44.57	\$0	\$72,338	\$72,338	\$44.57	6.7%
2	NPP Pool Sales	0.00	-729	0%	\$0.00	\$27.77	\$0	-\$20,254	-\$20,254	\$27.77	-1.9%
3	AFEC	8.77	2,497	40%	\$6.00	\$31.05	\$52,562	\$77,550	\$130,112	\$52.10	12.1%
4	Prairie State	4.98	3,601	101%	\$30.26	\$24.56	\$150,577	\$88,456	\$239,033	\$66.37	22.2%
5	NYPA - Ohio	0.92	492	74%	-\$1.00	\$24.41	-\$925	\$12,017	\$11,092	\$22.53	1.0%
6	JV5	3.09	2,223	100%	\$21.15	\$24.83	\$65,311	\$55,211	\$120,521	\$54.21	11.2%
7	JV5 Losses	0.00	32	0%	\$0.00	\$0.00	\$0	\$0	\$0	\$0.00	0.0%
8	AMP-Hydro	2.22	614	38%	\$38.71	\$2.97	\$85,942	\$1,822	\$87,764	\$142.92	8.2%
9	Meldahl	0.50	106	29%	\$16.73	\$1.09	\$8,432	\$115	\$8,547	\$80.58	0.8%
10	Greenup	0.33	94	40%	\$15.85	\$2.31	\$5,230	\$218	\$5,447	\$57.78	0.5%
11	JV6	0.30	18	8%	\$4.51	\$0.00	\$1,352	\$0	\$1,352	\$75.72	0.1%
12	AMP Solar Phase I	1.04	144	19%	\$0.00	\$85.00	\$0	\$12,272	\$12,272	\$85.00	1.1%
13	Morgan Stanley 2015-2020 7x24	3.80	2,736	100%	\$0.00	\$63.45	\$0	\$173,587	\$173,587	\$63.45	16.1%
14	AMPCT	12.40	94	1%	-\$4.62	\$90.55	-\$57,227	\$8,467	-\$48,760	-\$521.48	-4.5%
15	JV2	0.26	1	1%	-\$4.35	\$43.88	-\$1,148	\$55	-\$1,093	-\$875.31	-0.1%
POWER TOTAL		38.61	13,548	49%			\$310,106	\$481,854	\$791,960	\$58.46	73.6%
16	Energy Efficiency		0		\$0.00	\$0.00	\$0	\$17,863	\$17,863	\$0.00	1.7%
17	Installed Capacity	29.71			\$4.85		\$144,235	\$0	\$144,235	\$10.58	13.4%
18	TRANSMISSION	30.30	11,324		\$3.53	\$0.60	\$106,861	\$6,817	\$113,678	\$8.34	10.6%
19	Distribution Charge	31.00			\$0.00	\$0.00	\$0	\$0	\$0	\$0.00	0.0%
20	Service Fee B		13,634			\$0.58		\$7,908	\$7,908	\$0.58	0.7%
21	Dispatch Charge		13,634			\$0.05		\$647	\$647	\$0.05	0.1%
OTHER TOTAL							\$251,096	\$33,234	\$284,330	\$20.85	26.4%
GRAND TOTAL PURCHASED			13,548				\$561,202	\$515,088	\$1,076,290		
Delivered to members		30.996	13,634	61%			\$561,202	\$515,088	\$1,076,290	\$78.94	100.0%
		DEMAND	ENERGY	L.F.				TOTAL \$	\$/MWh	Avg Temp	
2016 Forecast		30.31	12,985	59%				\$1,138,474	\$87.68	64.1	
2015 Actual		30.81	14,322	65%				\$1,017,327	\$71.03	67.7	
2014 Actual		30.41	13,026	59%				\$904,157	\$69.41	62.4	
								Actual Temp		67.5	

NAPOLEON

Date	Thursday 9/1/2016	Friday 9/2/2016	Saturday 9/3/2016	Sunday 9/4/2016	Monday 9/5/2016	Tuesday 9/6/2016	Wednesday 9/7/2016	Thursday 9/8/2016	Friday 9/9/2016	Saturday 9/10/2016	Sunday 9/11/2016	Monday 9/12/2016	Tuesday 9/13/2016	Wednesday 9/14/2016	Thursday 9/15/2016
Hour															
100	17,152	16,108	13,702	12,753	12,466	16,490	20,721	21,831	18,485	17,171	13,794	14,702	15,711	16,994	15,880
200	16,614	15,836	13,333	12,359	12,054	15,936	20,231	21,179	18,208	16,813	13,426	14,591	15,592	16,639	15,677
300	16,181	15,557	13,159	12,116	11,714	15,668	19,407	20,828	17,677	16,676	13,171	14,434	15,187	16,240	15,348
400	16,286	15,693	13,148	12,133	11,657	15,711	19,421	21,006	17,696	16,466	13,001	14,619	15,388	16,661	15,554
500	17,044	16,143	13,223	12,234	11,826	16,750	20,096	21,528	18,381	16,889	13,101	15,402	16,026	17,395	16,070
600	18,159	17,492	13,421	12,460	12,013	18,602	21,441	23,216	19,480	17,360	13,487	16,797	17,220	18,813	17,425
700	18,859	18,163	13,378	12,130	11,759	20,309	22,489	24,252	20,675	17,802	13,431	17,919	18,312	20,017	18,523
800	20,181	19,202	14,221	12,861	12,518	21,798	23,878	24,711	21,564	18,955	14,054	18,517	19,097	20,698	19,100
900	20,917	19,819	15,168	13,697	13,779	23,246	25,330	24,911	22,399	19,739	14,743	19,144	19,906	20,725	19,493
1000	21,392	20,279	15,782	14,623	14,752	25,028	26,802	25,358	23,684	19,648	15,363	19,695	20,495	20,837	20,047
1100	21,588	20,476	16,458	15,242	15,903	26,531	27,960	25,497	24,266	20,325	15,603	20,308	20,945	20,702	20,379
1200	21,727	20,783	16,566	15,866	16,861	28,076	28,576	25,987	24,899	20,979	16,235	20,799	21,542	21,114	20,875
1300	22,088	21,156	16,860	16,371	18,170	28,875	30,172	25,815	25,351	20,594	16,165	20,768	21,932	21,011	21,180
1400	21,599	20,989	17,016	16,761	18,867	29,408	30,568	24,877	26,183	20,071	16,393	21,082	21,916	20,934	21,125
1500	21,623	20,815	17,307	17,343	20,389	29,591	30,996	25,372	26,557	19,248	16,819	21,140	22,409	20,724	21,166
1600	21,825	20,610	17,499	17,701	21,170	30,122	30,522	26,536	26,834	18,440	17,113	21,621	22,848	20,657	21,373
1700	20,945	20,070	17,457	17,973	21,851	29,824	30,326	25,238	26,068	18,281	17,690	21,549	22,535	20,071	20,640
1800	20,666	19,491	17,172	17,961	21,798	29,153	30,611	24,665	25,093	18,205	17,345	21,558	22,358	19,737	20,435
1900	19,902	18,724	16,572	17,245	21,547	28,296	29,079	24,208	24,127	17,386	17,347	20,891	21,872	19,363	19,841
2000	20,651	18,757	16,860	17,157	21,627	28,257	29,297	24,616	24,405	17,912	17,717	21,167	22,479	20,149	20,636
2100	20,338	18,330	16,588	16,700	20,837	26,777	28,255	23,637	23,333	17,360	17,060	20,017	21,404	19,703	19,796
2200	18,818	17,398	15,388	15,484	19,347	24,757	26,188	22,051	21,946	16,182	16,035	18,367	19,617	18,269	18,330
2300	17,635	15,731	14,065	13,986	18,026	23,050	24,326	20,747	20,094	15,079	15,642	17,182	18,566	17,117	17,199
2400	16,857	14,217	13,270	13,097	17,401	21,894	23,081	19,594	18,224	14,291	14,953	16,351	17,851	16,480	16,332
Total	469,047	441,839	367,613	356,253	380,931	574,149	619,773	567,453	535,629	431,872	369,688	448,620	471,208	461,050	452,424

Date	Friday 9/16/2016	Saturday 9/17/2016	Sunday 9/18/2016	Monday 9/19/2016	Tuesday 9/20/2016	Wednesday 9/21/2016	Thursday 9/22/2016	Friday 9/23/2016	Saturday 9/24/2016	Sunday 9/25/2016	Monday 9/26/2016	Tuesday 9/27/2016	Wednesday 9/28/2016	Thursday 9/29/2016	Friday 9/30/2016	Saturday 10/1/2016
Hour																
100	15,819	15,866	14,943	15,891	16,738	17,613	17,935	17,933	15,381	13,061	14,744	14,817	14,715	14,841	15,031	-
200	15,677	15,385	14,601	15,623	16,284	16,953	17,339	17,620	14,918	12,774	14,572	14,509	14,577	14,733	14,836	-
300	15,224	15,027	14,254	15,280	15,731	16,602	16,938	17,114	14,441	12,542	14,569	14,470	14,452	14,440	14,569	-
400	15,433	15,209	14,146	15,381	16,031	16,801	16,769	17,164	14,228	12,461	15,174	14,680	14,618	14,716	14,937	-
500	15,930	15,759	14,217	16,206	16,775	17,542	17,713	17,718	14,448	12,467	16,165	15,374	15,552	15,560	15,593	-
600	17,176	16,133	14,456	17,598	18,376	18,972	18,990	18,956	14,938	12,747	17,608	16,595	16,700	16,675	16,657	-
700	18,195	16,729	14,504	18,870	19,429	20,189	19,978	20,209	15,696	13,147	19,355	17,892	18,178	17,881	18,377	-
800	18,941	17,461	14,927	19,526	20,067	20,572	20,805	21,185	16,025	13,560	19,522	18,178	18,671	18,229	18,694	-
900	19,387	18,146	15,860	20,075	20,890	21,456	21,706	22,078	16,555	14,222	19,816	18,412	18,618	18,396	19,144	-
1000	20,086	18,808	16,754	20,766	21,643	22,260	22,495	22,962	17,038	14,676	19,914	18,937	18,751	18,490	19,372	-
1100	20,430	18,899	17,672	21,655	22,662	22,851	23,112	23,585	17,061	15,245	20,067	19,049	18,845	18,650	19,317	-
1200	21,150	18,897	18,458	22,292	23,292	23,641	24,131	24,359	17,371	15,670	19,890	19,226	18,888	19,284	19,127	-
1300	21,876	18,598	19,137	22,954	24,096	24,646	24,729	24,784	17,433	15,986	19,672	19,093	18,724	19,076	18,978	-
1400	21,984	18,112	19,555	23,471	24,717	25,399	25,162	24,592	17,544	16,469	19,565	18,870	18,586	18,445	18,777	-
1500	22,131	17,796	19,922	23,901	25,034	25,614	25,255	23,871	17,478	16,864	19,452	18,275	17,977	18,039	18,384	-
1600	22,614	17,855	20,061	24,285	25,202	26,193	25,543	24,046	17,633	17,697	19,214	18,231	18,440	18,072	17,512	-
1700	22,075	18,055	20,247	24,273	24,894	25,851	24,858	23,150	17,246	17,826	18,614	17,914	18,586	18,481	17,425	-
1800	21,473	18,133	20,024	23,763	24,366	25,569	24,312	22,635	17,006	17,725	18,536	17,976	18,514	18,486	17,545	-
1900	21,181	17,886	19,927	23,076	23,889	24,847	23,904	22,015	16,793	17,678	18,367	18,294	18,678	18,594	17,767	-
2000	21,723	18,421	20,266	22,977	24,127	24,888	24,350	22,100	17,169	18,019	18,752	18,804	18,592	18,751	17,745	-
2100	20,940	18,063	19,177	21,727	22,675	23,395	23,085	21,245	16,390	17,111	17,938	17,837	17,700	17,904	17,361	-
2200	19,848	17,258	17,873	19,965	20,676	21,426	21,340	20,284	15,582	16,053	16,888	16,582	16,581	16,683	16,205	-
2300	18,195	16,367	16,863	18,569	19,283	20,046	19,689	18,226	14,645	15,355	16,007	15,649	15,728	16,021	14,747	-
2400	16,744	15,716	16,349	17,635	18,343	18,931	18,732	16,327	13,671	15,143	15,529	15,273	15,215	15,474	13,730	-
Total	464,232	398,863	414,193	485,759	505,220	522,257	518,870	504,158	386,690	364,498	429,930	414,937	415,886	415,921	411,830	-
											Maximum	30,996	Minimum	11,657	Grand Total	13,633,910

Napoleon Peak Day Load Curve





Omega Joint Venture Two

1111 Schrock Rd, Suite 100

COLUMBUS, OHIO 43229

PHONE: (614) 540-1111

FAX: (614) 540-1078

City of Napoleon

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

INVOICE NUMBER: 194869

INVOICE DATE: 10/7/2016

DUE DATE: 10/17/2016

TOTAL AMOUNT DUE: \$881.68

CUSTOMER NUMBER: 5020

CUSTOMER P.O. #:

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

OMEGA JV2 POWER INVOICE -

September, 2016

FIXED RATE CHARGE:	264 kW *	\$3.17 / kW =	\$837.26
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		=	\$44.42

TOTAL CHARGES

\$881.68



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

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

INVOICE NUMBER: 194949
INVOICE DATE: 10/3/2016
DUE DATE: 10/13/2016
TOTAL AMOUNT DUE: \$90,543.49
CUSTOMER NUMBER: 5020
CUSTOMER P.O. NUMBER: BL980397
MAKE CHECKS PAYABLE TO: OMEGA JV5

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

FOR THE MONTH/YEAR OF: September, 2016

DEMAND CHARGES:

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

Base Operating Expense Demand Charge:	\$11.442014	/ kW *	3,088 kW =	\$35,332.94
Seca Associated with JV5.	\$0.000000	/ kW *	3,088 kW =	\$0.00

TOTAL DEMAND CHARGES: \$11.442014 / kW * 3,088 kW = \$35,332.94

ENERGY CHARGES:

JV5 Repl. Pwr. & Variable (Budgeted Rate):	\$0.024832	/ kWh *	2,223,360 kWh =	\$55,210.55
JV5 Fuel Cost (Actual Expense):	\$0.000000	/ kWh *	2,223,360 kWh =	\$0.00

TOTAL ENERGY CHARGES: \$0.024832 / kWh * 2,223,360 kWh = \$55,210.55

SUB-TOTAL \$90,543.49

Total OMEGA JV5 Invoice: **\$90,543.49**



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

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

INVOICE NUMBER: 194991
INVOICE DATE: 10/3/2016
DUE DATE: 10/13/2016
TOTAL AMOUNT DUE: \$55,381.81
CUSTOMER NUMBER: 5020
CUSTOMER P.O. NUMBER: BL980397
MAKE CHECKS PAYABLE TO: OMEGA JV5

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

Debt Service - OMEGA JV5

FOR THE MONTH/YEAR OF: October, 2016

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

Total OMEGA JV5 Financing Invoice: \$55,381.81



AMERICAN MUNICIPAL POWER, INC.

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

INVOICE NUMBER: 195009
INVOICE DATE: 10/4/2016
DUE DATE: 10/18/2016
TOTAL AMOUNT DUE: \$1,576.48
CUSTOMER NUMBER: 5020
CUSTOMER P.O. #:

City of Napoleon

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

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

Omega JV6

Project Capacity: 300 kW

Year 2016

Electric Fixed

300 kW * 5.25 per kW-Month

Total

September, 2016 -

Electric Fixed

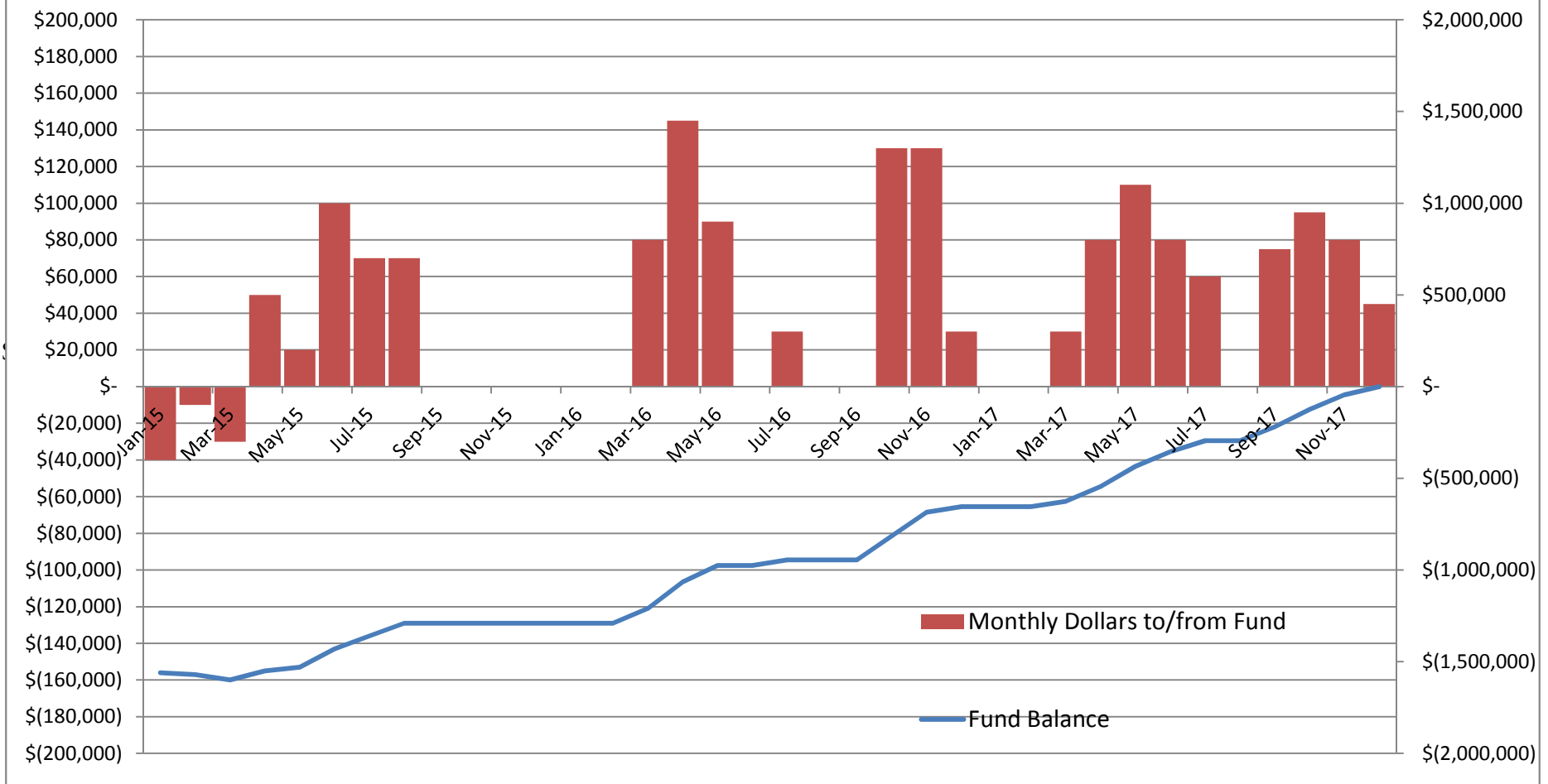
\$1,576.48

AMOUNT DUE FOR :

TOTAL CHARGES

\$1,576.48

Napoleon Rate Levelization Fund



CITY OF NAPOLEON RATE LEVELIZATION FUND
LOAN SCHEDULE

Estimated Annual Interest Rate: 0.00%

<u>Month (1)</u>	<u>Payment from AMP to Municipality (2)</u>	<u>Monthly Interest Credit</u>	<u>Accumulated Loan Balance</u>
Jan-14	\$ (190,000.00)	\$ -	\$ (190,000.00)
Feb-14	\$ (120,000.00)	\$ -	\$ (310,000.00)
Mar-14	\$ (120,000.00)	\$ -	\$ (430,000.00)
Apr-14	\$ (90,000.00)	\$ -	\$ (520,000.00)
May-14	\$ (120,000.00)	\$ -	\$ (640,000.00)
Jun-14	\$ (120,000.00)	\$ -	\$ (760,000.00)
Jul-14	\$ (180,000.00)	\$ -	\$ (940,000.00)
Aug-14	\$ (150,000.00)	\$ -	\$ (1,090,000.00)
Sep-14	\$ (100,000.00)	\$ -	\$ (1,190,000.00)
Oct-14	\$ (100,000.00)	\$ -	\$ (1,290,000.00)
Nov-14	\$ (100,000.00)	\$ -	\$ (1,390,000.00)
Dec-14	\$ (130,000.00)	\$ -	\$ (1,520,000.00)
Jan-15	\$ (40,000.00)	\$ -	\$ (1,560,000.00)
Feb-15	\$ (10,000.00)	\$ -	\$ (1,570,000.00)
Mar-15	\$ (30,000.00)	\$ -	\$ (1,600,000.00)
Apr-15	\$ 50,000.00	\$ -	\$ (1,550,000.00)
May-15	\$ 20,000.00	\$ -	\$ (1,530,000.00)
Jun-15	\$ 100,000.00	\$ -	\$ (1,430,000.00)
Jul-15	\$ 70,000.00	\$ -	\$ (1,360,000.00)
Aug-15	\$ 70,000.00	\$ -	\$ (1,290,000.00)
Sep-15	\$ -	\$ -	\$ (1,290,000.00)
Oct-15	\$ -	\$ -	\$ (1,290,000.00)
Nov-15	\$ -	\$ -	\$ (1,290,000.00)
Dec-15	\$ -	\$ -	\$ (1,290,000.00)
Jan-16	\$ 50,000.00	\$ -	\$ (1,240,000.00)
Feb-16	\$ 80,000.00	\$ -	\$ (1,160,000.00)
Mar-16	\$ 80,000.00	\$ -	\$ (1,080,000.00)
Apr-16	\$ 145,000.00	\$ -	\$ (935,000.00)
May-16	\$ 145,000.00	\$ -	\$ (790,000.00)
Jun-16	\$ 80,000.00	\$ -	\$ (710,000.00)
Jul-16	\$ 30,000.00	\$ -	\$ (680,000.00)
Aug-16	\$ 30,000.00	\$ -	\$ (650,000.00)
Sep-16	\$ 130,000.00	\$ -	\$ (520,000.00)
Oct-16	\$ 130,000.00	\$ -	\$ (390,000.00)
Nov-16	\$ 130,000.00	\$ -	\$ (260,000.00)
Dec-16	\$ 30,000.00	\$ -	\$ (230,000.00)
Jan-17		\$ -	\$ (230,000.00)
Feb-17		\$ -	\$ (230,000.00)
Mar-17		\$ -	\$ (230,000.00)
Apr-17	\$ 60,000.00	\$ -	\$ (170,000.00)
May-17	\$ 60,000.00	\$ -	\$ (110,000.00)
Jun-17	\$ 60,000.00	\$ -	\$ (50,000.00)
Jul-17		\$ -	\$ (50,000.00)
Aug-17		\$ -	\$ (50,000.00)
Sep-17	\$ 50,000.00	\$ -	-
Oct-17		\$ -	-
Nov-17		\$ -	-
Dec-17		\$ -	-

(1) Month means month of power delivery.
(2) Negative means payment from Municipality to AMP
September 2017 payment is estimated. Actual payment will include
final loan true-up payment needed to fully repay Municipality.

BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - NOVEMBER, 2016

NOVEMBER, 2016

2016 - NOVEMBER BILLING WITH OCTOBER 2016 DATA BILLING UNITS

Class and/or Schedule	Rate Code	Oct-16		Billed kVA of Demand	Cost / kWh For Month	Cost / kWh			Nov-15	Nov-15	Nov-15	Cost / kWh For Month	Dec-15			Cost / kWh For Month
		# of Bills	Oct-16 (kWh Usage)			Oct-16 Billed	Prior 12 Mo Average	# of Bills					Nov-15 (kWh Usage)	Nov-15 Billed	# of Bills	
Residential (Dom-In)	E1	3,324	3,116,816	\$358,640.04	0	\$0.1151	\$0.1102	3,344	1,988,662	\$204,893.24	\$0.1030	3,356	1,798,371	\$184,274.36	\$0.1025	
Residential (Dom-In) w/Ecosmart	E1E	9	6,928	\$806.87	0	\$0.1165	\$0.1131	10	4,698	\$496.63	\$0.1057	10	4,126	\$436.57	\$0.1058	
Residential (Dom-In - All Electric)	E2	608	469,940	\$54,713.23	0	\$0.1164	\$0.1073	611	341,222	\$35,380.27	\$0.1037	608	377,629	\$38,115.47	\$0.1009	
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	844	\$97.71	0	\$0.1158	\$0.1104	1	781	\$78.58	\$0.1006	1	616	\$62.21	\$0.1010	
Total Residential (Domestic)		3,942	3,594,528	\$414,257.85	0	\$0.1152	\$0.1097	3,966	2,335,363	\$240,848.72	\$0.1031	3,975	2,180,742	\$222,888.61	\$0.1022	
Residential (Rural-Out)	ER1	759	884,230	\$107,817.96	0	\$0.1219	\$0.1153	754	599,673	\$66,098.28	\$0.1102	758	639,997	\$69,004.14	\$0.1078	
Residential (Rural-Out) w/Ecosmart	ER1E	4	3,185	\$401.26	0	\$0.1260	\$0.1196	4	2,178	\$252.82	\$0.1161	4	2,380	\$268.56	\$0.1128	
Residential (Rural-Out - All Electric)	ER2	382	467,015	\$56,756.10	0	\$0.1215	\$0.1134	386	347,574	\$37,798.14	\$0.1087	387	392,331	\$41,522.79	\$0.1058	
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	1,724	\$215.45	0	\$0.1250	\$0.1142	2	1,369	\$153.67	\$0.1122	2	1,653	\$178.64	\$0.1081	
Residential (Rural-Out w/Dmd)	ER3	16	19,261	\$2,341.81	188	\$0.1216	\$0.1073	15	18,711	\$1,972.49	\$0.1054	15	54,195	\$5,333.52	\$0.0984	
Residential (Rural-Out - All Electric w/Dm)	ER4	9	9,576	\$1,175.26	64	\$0.1227	\$0.1111	9	9,782	\$1,044.46	\$0.1068	9	28,708	\$2,837.96	\$0.0989	
Total Residential (Rural)		1,172	1,384,991	\$168,707.84	252	\$0.1218	\$0.1144	1,170	979,287	\$107,319.86	\$0.1096	1,175	1,119,264	\$119,145.61	\$0.1064	
Commercial (1 Ph-In - No Dmd)	EC2	74	52,027	\$7,461.56	14	\$0.1434	\$0.1365	74	44,720	\$5,835.07	\$0.1305	74	46,142	\$5,915.34	\$0.1282	
Commercial (1 Ph-Out - No Dmd)	EC2O	45	8,002	\$1,552.94	0	\$0.1941	\$0.1857	43	6,331	\$1,218.01	\$0.1924	43	10,729	\$1,686.33	\$0.1572	
Total Commercial (1 Ph) No Dmd		119	60,029	\$9,014.50	14	\$0.1502	\$0.1434	117	51,051	\$7,053.08	\$0.1382	117	56,871	\$7,601.67	\$0.1337	
Commercial (1 Ph-In - w/Demand)	EC1	258	460,502	\$62,668.02	2126	\$0.1361	\$0.1326	255	350,282	\$44,482.88	\$0.1270	255	279,725	\$37,007.69	\$0.1323	
Commercial (1 Ph-Out - w/Demand)	EC1O	25	38,742	\$5,266.86	169	\$0.1359	\$0.1315	24	29,420	\$3,757.18	\$0.1277	24	25,782	\$3,300.75	\$0.1280	
Total Commercial (1 Ph) w/Demand		283	499,244	\$67,934.88	2,295	\$0.1361	\$0.1325	279	379,702	\$48,240.06	\$0.1270	279	305,507	\$40,308.44	\$0.1319	
Commercial (3 Ph-Out - No Dmd)	EC4O	2	40	\$41.06	6	\$1.0265	\$0.1362	2	80	\$44.86	\$0.5608	2	40	\$40.37	\$1.0093	
Total Commercial (3 Ph) No Dmd		2	40	\$41.06	6	\$1.0265	\$0.1362	2	80	\$44.86	\$0.5608	2	40	\$40.37	\$1.0093	
Commercial (3 Ph-In - w/Demand)	EC3	202	1,914,635	\$238,552.14	6448	\$0.1246	\$0.1178	208	1,707,544	\$189,181.38	\$0.1108	206	1,511,932	\$165,693.78	\$0.1096	
Commercial (3 Ph-Out - w/Demand)	EC3O	38	415,582	\$51,509.04	1486	\$0.1239	\$0.1169	39	396,941	\$44,312.51	\$0.1116	39	556,051	\$58,181.67	\$0.1046	
Commercial (3 Ph-In - w/Dmd.&Sub-St.C	EC3S	0	0	\$0.00	0	\$0.0000	\$0.1007	2	203,880	\$20,524.88	\$0.1007	0	0	\$0.00	\$0.0000	
Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	3	142,840	\$16,789.77	508	\$0.1175	\$0.1107	3	89,680	\$10,157.73	\$0.1133	3	135,280	\$13,741.63	\$0.1016	
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	6,240	\$771.43	23	\$0.1236	\$0.1214	1	4,280	\$461.32	\$0.1078	1	2,400	\$284.95	\$0.1187	
Total Commercial (3 Ph) w/Demand		244	2,479,297	\$307,622.38	8,465	\$0.1241	\$0.1171	253	2,402,325	\$264,637.82	\$0.1102	249	2,205,663	\$237,902.03	\$0.1079	
Large Power (In - w/Dmd & Rct)	EL1	21	2,685,366	\$284,900.17	6727	\$0.1061	\$0.0937	21	2,689,846	\$229,516.76	\$0.0853	21	2,693,896	\$220,257.42	\$0.0818	
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,006,242	\$96,026.30	2061	\$0.0954	\$0.0863	1	878,844	\$65,588.24	\$0.0746	3	1,099,839	\$82,880.55	\$0.0754	
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	1	474,000	\$45,851.97	966	\$0.0967	\$0.0936	1	307,200	\$27,818.14	\$0.0906	1	332,400	\$28,057.68	\$0.0844	
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	75,674	\$13,439.88	499	\$0.1776	\$0.1321	2	78,297	\$6,047.70	\$0.0772	2	79,597	\$5,934.15	\$0.0746	
Total Large Power		27	4,241,282	\$440,218.32	10,253	\$0.1038	\$0.0926	25	3,954,187	\$328,970.84	\$0.0832	27	4,205,732	\$337,129.80	\$0.0802	
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,140,292	\$99,897.30	2023	\$0.0876	\$0.0805	1	1,127,275	\$81,054.43	\$0.0719	1	1,206,433	\$83,318.08	\$0.0691	
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	1,004,383	\$87,514.48	1732	\$0.0871	\$0.0792	1	1,158,099	\$83,221.66	\$0.0719	1	1,128,579	\$79,886.73	\$0.0708	
Total Industrial		2	2,144,675	\$187,411.78	3,755	\$0.0874	\$0.0799	2	2,285,374	\$164,276.09	\$0.0719	2	2,335,012	\$163,204.81	\$0.0699	
Interdepartmental (In - No Dmd)	ED1	8	42,268	\$5,155.27	168	\$0.1220	\$0.1088	8	32,267	\$3,472.77	\$0.1076	8	34,464	\$3,802.92	\$0.1103	
Interdepartmental (Out - No Dmd)	ED1O	0	0	\$0.00	0	\$0.0000	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	
Interdepartmental (Out - w/Dmd)	ED2O	2	785	\$123.43	0	\$0.1572	\$0.1701	2	743	\$106.42	\$0.1432	2	327	\$59.81	\$0.1829	
Interdepartmental (In - w/Dmd)	ED2	27	25,226	\$3,515.77	0	\$0.1394	\$0.1241	27	25,670	\$3,168.51	\$0.1234	29	36,570	\$4,336.96	\$0.1186	
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	214,907	\$25,016.23	701	\$0.1164	\$0.1079	11	161,092	\$16,726.53	\$0.1038	11	214,542	\$21,414.53	\$0.0998	
Interdepartmental (Street Lights)	EDSL	7	62,879	\$5,851.14	0	\$0.0931	\$0.0930	7	62,879	\$5,849.08	\$0.0930	7	62,879	\$5,862.30	\$0.0932	
Interdepartmental (Traffic Signals)	EDTS	9	1,783	\$164.85	0	\$0.0925	\$0.0925	14	1,820	\$168.31	\$0.0925	15	1,974	\$182.51	\$0.0925	
Generators (JV2 Power Cost Only)	GJV2	1	16,181	\$1,059.37	26	\$0.0655	\$0.0000	1	17,347	\$621.37	\$0.0358	1	17,671	\$662.84	\$0.0375	
Generators (JV5 Power Cost Only)	GJV5	1	12,410	\$812.48	18	\$0.0655	\$0.0000	1	11,408	\$408.63	\$0.0358	1	12,297	\$461.26	\$0.0375	
Total Interdepartmental		66	376,439	\$41,698.54	913	\$0.1108	\$0.1010	71	313,226	\$30,521.62	\$0.0974	74	380,724	\$36,783.13	\$0.0966	
SUB-TOTAL CONSUMPTION & DEMAND		5,857	14,780,525	\$1,636,907.15	25,953	\$0.1107	\$0.1018	5,885	12,700,595	\$1,191,912.95	\$0.0938	5,900	12,789,555	\$1,165,004.47	\$0.0911	
Street Lights (In)	SLO	16	0	\$13.74	0	\$0.0000	\$0.2333	14	0	\$13.43	\$0.0000	15	0	\$13.59	\$0.0000	
Street Lights (Out)	SLOO	2	0	\$0.77	0	\$0.0000	\$0.0000	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	
Total Street Light Only		18	0	\$14.51	0	\$0.0000	\$0.2396	16	0	\$14.20	\$0.0000	17	0	\$14.36	\$0.0000	
TOTAL CONSUMPTION & DEMAND		5,875	14,780,525	\$1,636,921.66	25,953	\$0.1107	\$0.1018	5,901	12,700,595	\$1,191,927.15	\$0.0938	5,917	12,789,555	\$1,165,018.83	\$0.0911	

BILLING SUMMARY AND CO.

NOVEMBER, 2016

2016 - NOVEMBER BILLING WITH OCTOBER 2016

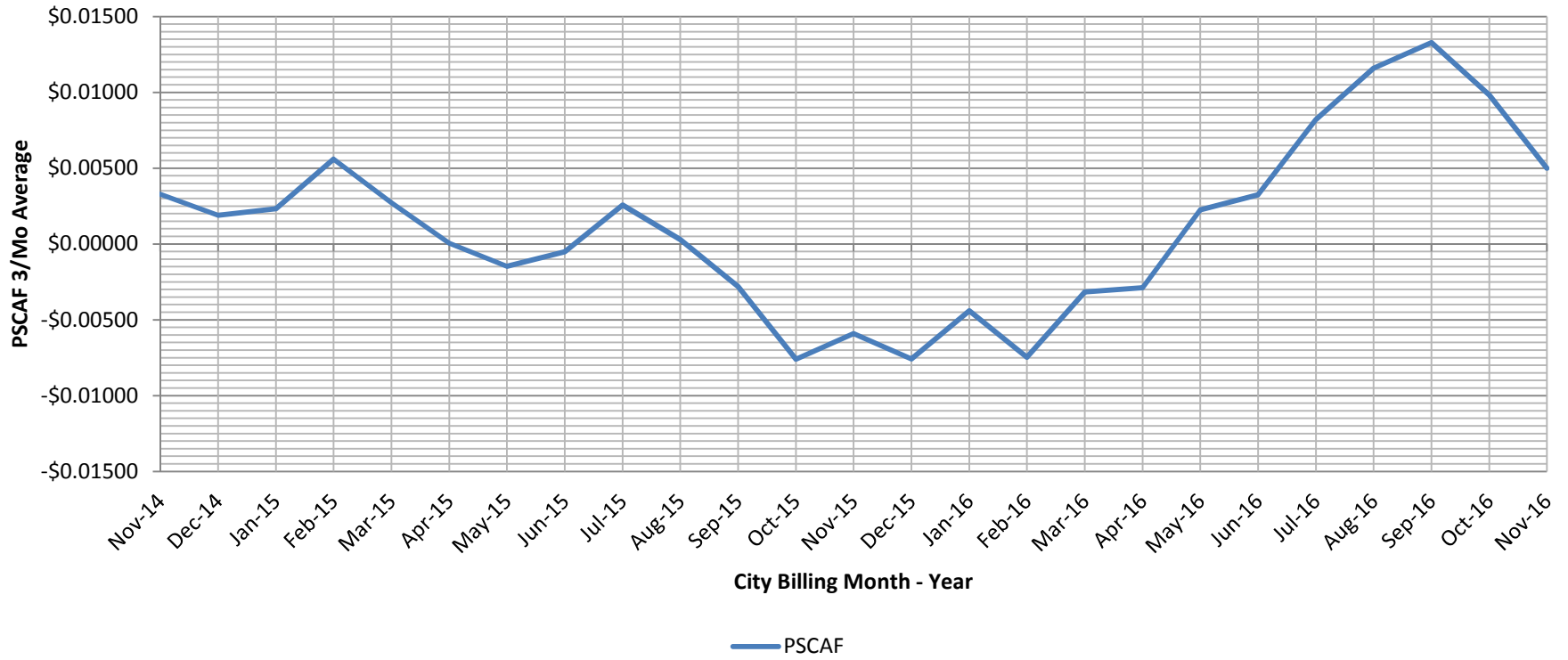
Class and/or Schedule	Rate Code	Jan-16				Feb-16				Mar-16				Apr-16			
		# of Bills	Jan-16 (kWh Usage)	Jan-16 Billed	Cost / kWh For Month	# of Bills	Feb-16 (kWh Usage)	Feb-16 Billed	Cost / kWh For Month	# of Bills	Mar-16 (kWh Usage)	Mar-16 Billed	Cost / kWh For Month	# of Bills	Apr-16 (kWh Usage)	Apr-16 Billed	Cost / kWh For Month
Residential (Dom-In)	E1	3,336	1,861,416	\$195,822.68	\$0.1052	3,343	2,336,473	\$233,564.23	\$0.1000	3,345	2,347,687	\$244,491.10	\$0.1041	3,345	2,115,617	\$223,079.18	\$0.1054
Residential (Dom-In) w/Ecosmart	E1E	10	4,037	\$441.29	\$0.1093	9	4,542	\$469.07	\$0.1033	9	4,327	\$468.00	\$0.1082	9	3,918	\$429.97	\$0.1097
Residential (Dom-In - All Electric)	E2	603	469,722	\$47,982.01	\$0.1021	605	655,616	\$63,527.74	\$0.0969	608	756,980	\$76,046.71	\$0.1005	608	638,315	\$64,884.51	\$0.1016
Res. (Dom-In - All Elec.) w/Ecosmart	E2E	1	481	\$51.43	\$0.1069	1	545	\$55.80	\$0.1024	1	597	\$63.13	\$0.1057	1	596	\$63.19	\$0.1060
Total Residential (Domestic)		3,950	2,335,656	\$244,297.41	\$0.1046	3,958	2,997,176	\$297,616.84	\$0.0993	3,963	3,109,591	\$321,068.94	\$0.1033	3,963	2,758,446	\$288,456.85	\$0.1046
Residential (Rural-Out)	ER1	756	692,545	\$76,216.42	\$0.1101	757	907,174	\$94,694.90	\$0.1044	759	875,454	\$95,412.70	\$0.1090	756	779,953	\$86,047.23	\$0.1103
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,902	\$327.89	\$0.1130	4	3,834	\$408.52	\$0.1066	4	3,230	\$364.37	\$0.1128	4	2,546	\$296.42	\$0.1164
Residential (Rural-Out - All Electric)	ER2	383	425,593	\$46,020.44	\$0.1081	383	551,963	\$56,838.04	\$0.1030	384	587,960	\$62,814.15	\$0.1068	384	507,976	\$54,947.15	\$0.1082
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	2,005	\$218.79	\$0.1091	2	2,918	\$300.36	\$0.1029	2	2,960	\$317.12	\$0.1071	2	2,616	\$283.32	\$0.1083
Residential (Rural-Out w/Dmd)	ER3	16	98,686	\$9,894.24	\$0.1003	16	25,972	\$2,651.52	\$0.1021	16	30,157	\$3,181.29	\$0.1055	16	27,753	\$2,948.93	\$0.1063
Residential (Rural-Out - All Electric w/Dm)	ER4	9	13,792	\$1,455.82	\$0.1056	9	10,004	\$1,051.19	\$0.1051	9	11,290	\$1,222.89	\$0.1083	9	9,995	\$1,096.12	\$0.1097
Total Residential (Rural)		1,170	1,235,523	\$134,133.60	\$0.1086	1,171	1,501,865	\$155,944.53	\$0.1038	1,174	1,511,051	\$163,312.52	\$0.1081	1,171	1,330,839	\$145,619.17	\$0.1094
Commercial (1 Ph-In - No Dmd)	EC2	74	43,794	\$5,800.34	\$0.1324	74	52,205	\$6,581.79	\$0.1261	75	53,648	\$6,982.89	\$0.1302	75	52,551	\$6,871.47	\$0.1308
Commercial (1 Ph-Out - No Dmd)	EC2O	43	8,154	\$1,432.14	\$0.1756	43	8,018	\$1,392.38	\$0.1737	43	8,383	\$1,468.25	\$0.1751	43	8,714	\$1,508.23	\$0.1731
Total Commercial (1 Ph) No Dmd		117	51,948	\$7,232.48	\$0.1392	117	60,223	\$7,974.17	\$0.1324	118	62,031	\$8,451.14	\$0.1362	118	61,265	\$8,379.70	\$0.1366
Commercial (1 Ph-In - w/Demand)	EC1	255	275,088	\$36,491.09	\$0.1327	256	306,848	\$38,364.05	\$0.1250	255	337,026	\$42,741.72	\$0.1268	255	300,781	\$39,283.01	\$0.1306
Commercial (1 Ph-Out - w/Demand)	EC1O	24	30,192	\$3,885.43	\$0.1287	24	36,267	\$4,391.42	\$0.1211	24	41,186	\$4,956.90	\$0.1204	24	36,470	\$4,539.18	\$0.1245
Total Commercial (1 Ph) w/Demand		279	305,280	\$40,376.52	\$0.1323	280	343,115	\$42,755.47	\$0.1246	279	378,212	\$47,698.62	\$0.1261	279	337,251	\$43,822.19	\$0.1299
Commercial (3 Ph-Out - No Dmd)	EC4O	2	15,040	\$1,719.24	\$0.1143	2	400	\$79.67	\$0.1992	2	1,000	\$149.48	\$0.1495	2	880	\$136.11	\$0.1547
Total Commercial (3 Ph) No Dmd		2	15,040	\$1,719.24	\$0.1143	2	400	\$79.67	\$0.1992	2	1,000	\$149.48	\$0.1495	2	880	\$136.11	\$0.1547
Commercial (3 Ph-In - w/Demand)	EC3	205	1,414,090	\$158,505.09	\$0.1121	205	1,396,306	\$152,228.19	\$0.1090	204	1,492,235	\$165,735.10	\$0.1111	201	1,330,300	\$150,670.14	\$0.1133
Commercial (3 Ph-Out - w/Demand)	EC3O	39	438,660	\$48,468.19	\$0.1105	39	355,628	\$38,994.81	\$0.1097	39	379,416	\$42,543.57	\$0.1121	39	336,543	\$38,541.02	\$0.1145
Commercial (3 Ph-In - w/Dmd.&Sub-St.C)	EC3S	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000
Commercial (3 Ph-Out - w/Dmd.&Sub-St)	E3SO	3	137,480	\$14,239.58	\$0.1036	3	137,920	\$14,016.49	\$0.1016	3	149,800	\$15,798.47	\$0.1055	3	131,080	\$13,890.07	\$0.1060
Commercial (3 Ph-In - w/Demand, No Ta)	EC3T	1	1,840	\$211.56	\$0.1150	1	1,920	\$212.10	\$0.1105	1	2,160	\$242.85	\$0.1124	1	2,120	\$240.01	\$0.1132
Total Commercial (3 Ph) w/Demand		248	1,992,070	\$221,424.42	\$0.1112	248	1,891,774	\$205,451.59	\$0.1086	247	2,023,611	\$224,319.99	\$0.1109	244	1,800,043	\$203,341.24	\$0.1130
Large Power (In - w/Dmd & Rct)	EL1	21	2,403,640	\$211,797.66	\$0.0881	21	2,310,925	\$199,175.25	\$0.0862	21	2,561,160	\$221,085.42	\$0.0863	21	2,385,374	\$216,220.16	\$0.0906
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	994,472	\$79,375.27	\$0.0798	3	1,009,639	\$77,760.04	\$0.0770	3	1,042,283	\$84,501.97	\$0.0811	3	807,206	\$67,444.50	\$0.0836
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	295,200	\$26,076.76	\$0.0883	1	246,000	\$21,470.29	\$0.0873	1	322,800	\$28,467.29	\$0.0882	1	338,400	\$30,419.43	\$0.0899
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	70,607	\$7,256.69	\$0.1028	2	85,654	\$6,264.07	\$0.0731	2	85,512	\$6,619.24	\$0.0774	2	72,927	\$6,016.76	\$0.0825
Total Large Power		27	3,763,919	\$324,506.38	\$0.0862	27	3,652,218	\$304,669.65	\$0.0834	27	4,011,755	\$340,673.92	\$0.0849	27	3,603,907	\$320,100.85	\$0.0888
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,156,158	\$87,758.35	\$0.0759	1	957,122	\$74,102.43	\$0.0774	1	1,194,711	\$89,279.02	\$0.0747	1	1,035,693	\$80,055.22	\$0.0773
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	1,023,505	\$77,586.44	\$0.0758	1	896,274	\$67,913.52	\$0.0758	1	1,122,083	\$81,701.62	\$0.0728	1	1,052,644	\$78,469.13	\$0.0745
Total Industrial		2	2,179,663	\$165,344.79	\$0.0759	2	1,853,396	\$142,015.95	\$0.0766	2	2,316,794	\$170,980.64	\$0.0738	2	2,088,337	\$158,524.35	\$0.0759
Interdepartmental (In - No Dmd)	ED1	8	63,180	\$6,320.99	\$0.1000	8	79,167	\$7,560.57	\$0.0955	8	65,565	\$6,459.45	\$0.0985	8	51,501	\$5,211.49	\$0.1012
Interdepartmental (Out - No Dmd)	ED1O	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000
Interdepartmental (Out - w/Dmd)	ED2O	2	238	\$50.86	\$0.2137	2	240	\$50.36	\$0.2098	2	192	\$45.93	\$0.2392	2	235	\$50.88	\$0.2165
Interdepartmental (In - w/Dmd)	ED2	27	49,447	\$5,868.15	\$0.1187	27	77,462	\$8,762.54	\$0.1131	26	70,540	\$8,300.04	\$0.1177	26	50,904	\$6,096.14	\$0.1198
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	205,612	\$21,129.50	\$0.1028	11	257,347	\$25,478.65	\$0.0990	11	306,526	\$30,656.81	\$0.1000	11	251,871	\$26,080.07	\$0.1035
Interdepartmental (Street Lights)	EDSL	7	62,879	\$5,850.15	\$0.0930	7	62,879	\$5,849.08	\$0.0930	7	62,879	\$5,849.08	\$0.0930	7	62,879	\$5,850.15	\$0.0930
Interdepartmental (Traffic Signals)	EDTS	15	1,837	\$169.84	\$0.0925	15	2,189	\$202.38	\$0.0925	11	1,916	\$177.17	\$0.0925	9	1,771	\$163.74	\$0.0925
Generators (JV2 Power Cost Only)	GJV2	1	19,199	\$676.19	\$0.0352	1	23,269	\$819.53	\$0.0352	1	21,905	\$781.57	\$0.0357	1	18,065	\$265.01	\$0.0147
Generators (JV5 Power Cost Only)	GJV5	1	13,204	\$465.04	\$0.0352	1	15,064	\$530.55	\$0.0352	1	16,067	\$573.27	\$0.0357	1	13,192	\$193.53	\$0.0147
Total Interdepartmental		72	415,596	\$40,530.72	\$0.0975	72	517,617	\$49,253.66	\$0.0952	67	545,590	\$52,843.32	\$0.0969	65	450,418	\$42,993.93	\$0.0955
SUB-TOTAL CONSUMPTION & DEMAND		5,867	12,294,695	\$1,179,565.56	\$0.0959	5,877	12,817,784	\$1,205,761.53	\$0.0941	5,879	13,959,635	\$1,329,498.57	\$0.0952	5,871	12,431,386	\$1,211,374.39	\$0.0974
Street Lights (In)	SLO	15	0	\$13.59	\$0.0000	15	0	\$13.59	\$0.0000	16	1,463	\$191.76	\$0.1311	16	0	\$13.74	\$0.0000
Street Lights (Out)	SLOO	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	2	0	\$0.77	\$0.0000	2	0	\$0.76	\$0.0000
Total Street Light Only		17	0	\$14.36	\$0.0000	17	0	\$14.36	\$0.0000	18	1,463	\$192.53	\$0.1316	18	0	\$14.50	\$0.0000
TOTAL CONSUMPTION & DEMAND		5,884	12,294,695	\$1,179,579.92	\$0.0959	5,894	12,817,784	\$1,205,775.89	\$0.0941	5,897	13,961,098	\$1,329,691.10	\$0.0952	5,889	12,431,386	\$1,211,388.89	\$0.0974

BILLING SUMMARY AND CONOVEMBER, 2016
2016 - NOVEMBER BILLING WITH OCTOBER 2016

Class and/or Schedule	Rate Code	May-16	May-16	Cost / kWh	Jun-16	Jun-16	Cost / kWh	Jul-16	Jul-16	Cost / kWh	Aug-16	Aug-16	Cost / kWh	Sep-16	Sep-16	Sep-16
		# of Bills	(kWh Usage) Billed	For Month	# of Bills	(kWh Usage) Billed	For Month	# of Bills	(kWh Usage) Billed	For Month	# of Bills	(kWh Usage) Billed	For Month	# of Bills	(kWh Usage) Billed	For Month
Residential (Dom-In)	E1	3,328	1,745,478	\$196,444.14	3,339	1,674,098	\$190,965.01	3,340	2,133,169	\$248,418.37	3,327	2,832,020	\$332,693.75	3,339	3,439,128	\$405,561.66
Residential (Dom-In) w/Ecosmart	E1E	9	3,507	\$408.58	9	3,414	\$402.55	9	4,890	\$577.51	9	7,000	\$827.07	9	7,961	\$946.73
Residential (Dom-In - All Electric)	E2	610	457,976	\$49,954.20	611	379,613	\$42,421.37	613	381,668	\$44,540.19	610	458,361	\$54,279.87	608	519,149	\$61,850.34
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	511	\$57.67	1	534	\$60.52	1	692	\$80.09	1	796	\$93.91	1	1,026	\$121.06
Total Residential (Domestic)		3,948	2,207,472	\$246,864.59	3,960	2,057,659	\$233,849.45	3,963	2,520,419	\$293,616.16	3,947	3,298,177	\$387,894.60	3,957	3,967,264	\$468,479.79
Residential (Rural-Out)	ER1	752	663,486	\$77,716.74	755	586,997	\$70,250.79	757	712,526	\$87,201.53	760	863,493	\$107,008.31	760	984,416	\$122,587.50
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,328	\$286.46	4	1,833	\$235.87	4	2,470	\$316.19	4	3,000	\$385.56	4	3,422	\$440.00
Residential (Rural-Out - All Electric)	ER2	383	427,039	\$49,004.46	384	355,880	\$41,847.24	383	380,642	\$46,371.53	383	443,608	\$54,903.94	382	509,155	\$63,286.00
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	1,902	\$221.22	2	1,701	\$201.66	2	1,606	\$199.48	2	1,669	\$212.18	2	2,157	\$272.02
Residential (Rural-Out w/Dmd)	ER3	16	21,910	\$2,475.80	16	27,150	\$3,054.38	16	19,858	\$2,377.56	16	16,942	\$2,109.31	16	20,579	\$2,560.83
Residential (Rural-Out - All Electric w/Dmd)	ER4	9	7,908	\$926.67	9	7,392	\$879.39	9	7,401	\$917.12	9	8,540	\$1,073.07	9	9,466	\$1,195.61
Total Residential (Rural)		1,166	1,124,573	\$130,631.35	1,170	980,953	\$116,469.33	1,171	1,124,503	\$137,383.41	1,174	1,337,252	\$165,692.37	1,173	1,529,195	\$190,341.96
Commercial (1 Ph-In - No Dmd)	EC2	75	45,379	\$6,290.63	75	42,140	\$5,948.45	72	47,338	\$6,768.08	75	48,276	\$7,085.12	75	49,252	\$7,295.40
Commercial (1 Ph-Out - No Dmd)	EC2O	43	6,659	\$1,308.66	43	6,225	\$1,262.95	46	6,906	\$1,415.05	46	7,669	\$1,536.40	47	7,405	\$1,527.13
Total Commercial (1 Ph) No Dmd		118	52,038	\$7,599.29	118	48,365	\$7,211.40	118	54,244	\$8,183.13	121	55,945	\$8,621.52	122	56,657	\$8,822.53
Commercial (1 Ph-In - w/Demand)	EC1	256	353,349	\$46,128.85	257	339,056	\$39,544.56	257	297,012	\$43,203.06	258	352,786	\$50,743.54	258	402,789	\$57,034.99
Commercial (1 Ph-Out - w/Demand)	EC1O	24	33,089	\$4,386.25	24	29,990	\$4,043.76	26	38,595	\$5,289.71	25	30,982	\$4,512.62	25	37,237	\$5,295.75
Total Commercial (1 Ph) w/Demand		280	386,438	\$50,515.10	281	369,046	\$43,588.32	283	335,607	\$48,492.77	283	383,768	\$55,256.16	283	440,026	\$62,330.74
Commercial (3 Ph-Out - No Dmd)	EC4O	2	400	\$83.56	2	160	\$55.18	2	40	\$41.00	2	80	\$46.26	2	40	\$41.20
Total Commercial (3 Ph) No Dmd		2	400	\$83.56	2	160	\$55.18	2	40	\$41.00	2	80	\$46.26	2	40	\$41.20
Commercial (3 Ph-In - w/Demand)	EC3	204	1,337,448	\$158,129.92	202	1,281,048	\$154,525.82	201	1,379,117	\$172,587.98	203	1,595,241	\$203,673.47	202	1,740,671	\$223,495.26
Commercial (3 Ph-Out - w/Demand)	EC3O	39	333,423	\$39,624.69	39	286,219	\$35,062.05	39	283,681	\$36,648.60	39	317,778	\$41,164.85	40	412,439	\$52,282.08
Commercial (3 Ph-In - w/Dmd.&Sub-St.C)	EC3S	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00
Commercial (3 Ph-Out - w/Dmd.&Sub-St)	E3SO	3	134,040	\$14,680.26	3	127,640	\$14,187.89	3	120,080	\$14,126.22	3	139,680	\$16,763.38	3	145,680	\$17,795.85
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	2,000	\$238.27	1	2,040	\$245.05	1	1,880	\$235.92	1	3,120	\$442.73	1	4,800	\$637.44
Total Commercial (3 Ph) w/Demand		247	1,806,911	\$212,673.14	245	1,696,947	\$204,020.81	244	1,784,758	\$223,598.72	246	2,055,819	\$262,044.43	246	2,303,590	\$294,210.63
Large Power (In - w/Dmd & Rct)	EL1	21	2,454,545	\$231,732.96	21	2,477,658	\$236,532.65	21	2,611,643	\$261,934.52	21	2,731,809	\$284,732.35	21	3,037,231	\$311,034.61
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	912,431	\$78,956.21	3	919,793	\$83,363.79	3	975,151	\$92,615.26	3	921,926	\$91,984.54	3	1,112,508	\$107,637.55
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	1	370,800	\$33,718.56	1	366,000	\$34,899.72	1	405,600	\$40,258.99	1	398,400	\$40,709.41	1	451,200	\$45,502.92
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	93,761	\$14,517.81	2	58,685	\$7,385.30	2	74,535	\$14,994.13	2	75,019	\$15,989.77	2	77,094	\$18,053.44
Total Large Power		27	3,831,537	\$358,925.54	27	3,822,136	\$362,181.46	27	4,066,929	\$409,802.90	27	4,127,154	\$433,416.07	27	4,678,033	\$482,228.52
Industrial (In - w/Dmd & Rct, w/SbCr)	E1I	1	1,030,712	\$85,857.58	1	990,474	\$82,403.94	1	989,828	\$87,858.45	1	1,050,981	\$94,370.91	1	1,180,028	\$105,636.89
Industrial (In - w/Dmd & Rct, No/SbCr)	E1I2	1	990,465	\$79,362.02	1	942,832	\$77,160.17	1	1,001,560	\$85,009.44	1	989,846	\$88,326.21	1	1,067,043	\$94,185.61
Total Industrial		2	2,021,177	\$165,219.60	2	1,933,306	\$159,564.11	2	1,991,388	\$172,867.89	2	2,040,827	\$182,697.12	2	2,247,071	\$199,822.50
Interdepartmental (In - No Dmd)	ED1	8	42,349	\$4,637.84	7	30,257	\$3,583.85	7	37,530	\$4,545.42	7	39,363	\$4,882.68	8	91,948	\$10,692.83
Interdepartmental (Out - No Dmd)	ED1O	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00	0	0	\$0.00
Interdepartmental (Out - w/Dmd)	ED2O	2	368	\$67.89	2	369	\$68.39	2	624	\$102.05	2	861	\$134.56	2	924	\$144.21
Interdepartmental (In - w/Dmd)	ED2	26	41,532	\$5,247.09	26	25,395	\$3,357.54	30	23,144	\$3,251.87	31	24,898	\$3,566.86	27	26,097	\$3,716.02
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	235,903	\$25,894.91	11	187,202	\$20,851.55	11	167,921	\$19,556.26	11	174,247	\$21,123.86	11	165,579	\$20,410.43
Interdepartmental (Street Lights)	EDSL	7	62,879	\$5,849.08	7	62,879	\$5,849.08	7	62,879	\$5,850.15	7	62,879	\$5,849.08	7	62,879	\$5,849.08
Interdepartmental (Traffic Signals)	EDTS	9	1,663	\$153.77	9	1,557	\$143.97	9	1,702	\$157.37	9	1,649	\$152.46	9	1,582	\$146.25
Generators (JV2 Power Cost Only)	GJV2	1	19,031	\$533.06	1	17,254	\$308.85	1	16,509	\$227.66	1	14,549	\$61.40	1	13,740	\$151.14
Generators (JV5 Power Cost Only)	GJV5	1	13,635	\$381.92	1	10,693	\$191.40	1	12,432	\$171.44	1	11,829	\$49.92	1	11,827	\$130.10
Total Interdepartmental		65	417,360	\$42,765.56	64	335,606	\$34,354.63	68	322,741	\$33,862.22	69	330,275	\$35,820.82	66	374,576	\$41,240.06
SUB-TOTAL CONSUMPTION & DEMAND		5,855	11,847,906	\$1,215,277.73	5,869	11,244,178	\$1,161,294.69	5,878	12,200,629	\$1,327,848.20	5,871	13,629,297	\$1,531,489.35	5,878	15,596,452	\$1,747,517.93
Street Lights (In)	SLO	16	0	\$13.74	16	0	\$13.74	16	0	\$13.73	16	0	\$13.73	16	0	\$12.99
Street Lights (Out)	SLOO	2	0	\$0.77	2	0	\$0.77	2	0	\$0.77	2	0	\$0.77	2	0	\$0.77
Total Street Light Only		18	0	\$14.51	18	0	\$14.51	18	0	\$14.50	18	0	\$14.50	18	0	\$13.76
TOTAL CONSUMPTION & DEMAND		5,873	11,847,906	\$1,215,292.24	5,887	11,244,178	\$1,161,309.20	5,896	12,200,629	\$1,327,862.70	5,889	13,629,297	\$1,531,503.85	5,896	15,596,452	\$1,747,531.69

BILLING SUMMARY AND CO.											
NOVEMBER, 2016											
2016 - NOVEMBER BILLING WITH OCTOBER 2016											
Class and/or Schedule	Rate Code	Cost / kWh For Month	Oct-16	Oct-16	Oct-16	Cost / kWh For Month	TOTAL	TOTAL	Avg.Cost Per kWh For Period	Avg.Num. of Bills For Period	Avg.Per.% of Bills For Period
			# of Bills	(kWh Usage)	Billed		KWH USEAGE PRIOR 12 MO	BILLING PRIOR 12 MO			
Residential (Dom-In)	E1	\$0.1179	3,324	3,116.816	\$358,640.04	\$0.1151	27,388,935	\$3,018,847.76	\$0.1102	3,339	56.6720%
Residential (Dom-In) w/Ecosmart	E1E	\$0.1189	9	6,928	\$806.87	\$0.1165	59,348	\$6,710.84	\$0.1131	9	0.1570%
Residential (Dom-In - All Electric)	E2	\$0.1191	608	469,940	\$54,713.23	\$0.1164	5,906,191	\$633,695.91	\$0.1073	609	10.3299%
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	\$0.1180	1	844	\$97.71	\$0.1158	8,019	\$885.30	\$0.1104	1	0.0170%
Total Residential (Domestic)		\$0.1181	3,942	3,594,528	\$414,257.85	\$0.1152	33,362,493	\$3,660,139.81	\$0.1097	3,958	67.1759%
Residential (Rural-Out)	ER1	\$0.1245	759	884,230	\$107,817.96	\$0.1219	9,189,944	\$1,060,056.50	\$0.1153	757	12.8476%
Residential (Rural-Out) w/Ecosmart	ER1E	\$0.1286	4	3,185	\$401.26	\$0.1260	33,308	\$3,983.92	\$0.1196	4	0.0679%
Residential (Rural-Out - All Electric)	ER2	\$0.1243	382	467,015	\$56,756.10	\$0.1215	5,396,736	\$612,109.98	\$0.1134	384	6.5122%
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	\$0.1261	2	1,724	\$215.45	\$0.1250	24,280	\$2,773.91	\$0.1142	2	0.0339%
Residential (Rural-Out w/Dmd)	ER3	\$0.1244	16	19,281	\$2,341.81	\$0.1216	381,174	\$40,901.68	\$0.1073	16	0.2687%
Residential (Rural-Out - All Electric w/Dmd)	ER4	\$0.1263	9	9,576	\$1,175.26	\$0.1227	133,854	\$14,875.56	\$0.1111	9	0.1528%
Total Residential (Rural)		\$0.1245	1,172	1,384,991	\$168,707.84	\$0.1218	15,159,296	\$1,734,701.55	\$0.1144	1,171	19.8832%
Commercial (1 Ph-In - No Dmd)	EC2	\$0.1481	74	52,027	\$7,461.56	\$0.1434	577,472	\$78,836.14	\$0.1365	74	1.2617%
Commercial (1 Ph-Out - No Dmd)	EC2O	\$0.2062	45	8,002	\$1,552.94	\$0.1941	93,195	\$17,308.47	\$0.1857	44	0.7468%
Total Commercial (1 Ph) No Dmd		\$0.1557	119	60,029	\$9,014.50	\$0.1502	670,667	\$96,144.61	\$0.1434	118	2.0085%
Commercial (1 Ph-In - w/Demand)	EC1	\$0.1416	258	460,502	\$62,668.02	\$0.1361	4,055,244	\$537,693.46	\$0.1326	256	4.3495%
Commercial (1 Ph-Out - w/Demand)	EC1O	\$0.1422	25	38,742	\$5,266.86	\$0.1359	407,952	\$53,625.81	\$0.1315	24	0.4144%
Total Commercial (1 Ph) w/Demand		\$0.1417	283	499,244	\$67,934.88	\$0.1361	4,463,196	\$591,319.27	\$0.1325	281	4.7639%
Commercial (3 Ph-Out - No Dmd)	EC4O	\$1.0300	2	40	\$41.06	\$1.0265	18,200	\$2,477.99	\$0.1362	2	0.0339%
Total Commercial (3 Ph) No Dmd		\$1.0300	2	40	\$41.06	\$1.0265	18,200	\$2,477.99	\$0.1362	2	0.0339%
Commercial (3 Ph-In - w/Demand)	EC3	\$0.1284	202	1,914,635	\$238,552.14	\$0.1246	18,100,567	\$2,132,978.27	\$0.1178	204	3.4555%
Commercial (3 Ph-Out - w/Demand)	EC3O	\$0.1268	38	415,582	\$51,509.04	\$0.1239	4,512,361	\$527,333.08	\$0.1169	39	0.6620%
Commercial (3 Ph-In - w/Dmd.&Sub-St.C)	EC3S	\$0.0000	0	0	\$0.00	\$0.0000	203,880	\$20,524.88	\$0.1007	0	0.0028%
Commercial (3 Ph-Out - w/Dmd.&Sub-St)	E3SO	\$0.1222	3	142,840	\$16,789.77	\$0.1175	1,591,200	\$176,187.34	\$0.1107	3	0.0509%
Commercial (3 Ph-In - w/Demand, No Ta)	EC3T	\$0.1328	1	6,240	\$771.43	\$0.1236	34,800	\$4,223.63	\$0.1214	1	0.0170%
Total Commercial (3 Ph) w/Demand		\$0.1277	244	2,479,297	\$307,622.38	\$0.1241	24,442,808	\$2,861,247.20	\$0.1171	247	4.1882%
Large Power (In - w/Dmd & Rct)	EL1	\$0.1024	21	2,685,366	\$284,900.17	\$0.1061	31,043,093	\$2,908,919.93	\$0.0937	21	0.3564%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	\$0.0968	3	1,006,242	\$96,026.30	\$0.0954	11,680,334	\$1,008,134.22	\$0.0863	3	0.0481%
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	\$0.1008	1	474,000	\$45,851.97	\$0.0967	4,308,000	\$403,251.16	\$0.0936	1	0.0170%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	\$0.2342	2	75,674	\$13,439.88	\$0.1776	927,362	\$122,518.94	\$0.1321	2	0.0339%
Total Large Power		\$0.1031	27	4,241,282	\$440,218.32	\$0.1038	47,958,789	\$4,442,824.25	\$0.0926	27	0.4555%
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	\$0.0895	1	1,140,292	\$99,897.30	\$0.0876	13,059,707	\$1,051,592.60	\$0.0805	1	0.0170%
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	\$0.0883	1	1,004,383	\$87,514.48	\$0.0871	12,377,313	\$980,337.03	\$0.0792	1	0.0170%
Total Industrial		\$0.0889	2	2,144,675	\$187,411.78	\$0.0874	25,437,020	\$2,031,929.63	\$0.0799	2	0.0339%
Interdepartmental (In - No Dmd)	ED1	\$0.1163	8	42,268	\$5,155.27	\$0.1220	609,859	\$66,326.08	\$0.1088	8	0.1315%
Interdepartmental (Out - No Dmd)	ED1O	\$0.0000	0	0	\$0.00	\$0.0000	0	\$0.00	\$0.0000	0	0.0000%
Interdepartmental (Out - w/Dmd)	ED2O	\$0.1561	2	785	\$123.43	\$0.1572	5,906	\$1,004.79	\$0.1701	2	0.0339%
Interdepartmental (In - w/Dmd)	ED2	\$0.1424	27	25,226	\$3,515.77	\$0.1394	476,885	\$59,187.49	\$0.1241	27	0.4654%
Interdepartmental (3Ph-In - w/Dmd)	ED3	\$0.1233	11	214,907	\$25,016.23	\$0.1164	2,542,749	\$274,339.33	\$0.1079	11	0.1867%
Interdepartmental (Street Lights)	EDSL	\$0.0930	7	62,879	\$5,851.14	\$0.0931	754,548	\$70,207.45	\$0.0930	7	0.1188%
Interdepartmental (Traffic Signals)	EDTS	\$0.0924	9	1,783	\$164.85	\$0.0925	21,443	\$1,982.62	\$0.0925	11	0.1881%
Generators (JV2 Power Cost Only)	GJV2	\$0.0110	1	16,181	\$1,059.37	\$0.0655	214,720	\$5,637.97	\$0.0263	1	0.0170%
Generators (JV5 Power Cost Only)	GJV5	\$0.0110	1	12,410	\$812.48	\$0.0655	154,058	\$3,982.48	\$0.0259	1	0.0170%
Total Interdepartmental		\$0.1101	66	376,439	\$41,698.54	\$0.1108	4,780,168	\$482,668.21	\$0.1010	68	1.1584%
SUB-TOTAL CONSUMPTION & DEMAND		\$0.1120	5,857	14,780,525	\$1,636,907.15	\$0.1107	156,292,637	\$15,903,452.52	\$0.1018	5,874	99.7015%
Street Lights (In)	SLO	\$0.0000	16	0	\$13.74	\$0.0000	1,463	\$341.37	\$0.2333	16	0.2645%
Street Lights (Out)	SLOO	\$0.0000	2	0	\$0.77	\$0.0000	0	\$9.23	\$0.0000	2	0.0339%
Total Street Light Only		\$0.0000	18	0	\$14.51	\$0.0000	1,463	\$350.60	\$0.2396	18	0.2985%
TOTAL CONSUMPTION & DEMAND		\$0.1120	5,875	14,780,525	\$1,636,921.66	\$0.1107	156,294,100	\$15,903,803.12	\$0.1018	5,892	100.0000%

Power Supply Cost Adjustment Factor - PSCAF



RATE REVIEW COMPARISONS - Current to Prior Month and Prior Year

2016 NOVEMBER - ELECTRIC PSCAF - BILLING COMPARISONS TO PRIOR PERIODS										
Rate Comparisons to Prior Month and Prior Year for Same Period										
	Service	Service	<i>Current</i>	<i>Prior Month</i>	<i>Prior Year</i>			<i>Current</i>	<i>Prior Month</i>	<i>Prior Year</i>
<u>Customer Type</u>	<u>Usage</u>	<u>Units</u>	<u>November</u>	<u>October</u>	<u>November</u>	<u>Usage</u>	<u>Units</u>	<u>November</u>	<u>October</u>	<u>November</u>
			<u>2016 Rate</u>	<u>2016 Rate</u>	<u>2015 Rate</u>			<u>2016 Rate</u>	<u>2016 Rate</u>	<u>2015 Rate</u>
<i>Customer Type -></i>	RESIDENTIAL USER - (w/Gas Heat)					RESIDENTIAL USER - (All Electric)				
Customer Charge			\$6.00	\$6.00	\$6.00			\$6.00	\$6.00	\$6.00
Distribution Energy Charge			\$20.93	\$20.93	\$20.93			\$33.39	\$33.39	\$33.39
Distribution Demand Charge										
Power Supply Energy Charge	978	kWh	\$71.20	\$71.20	\$71.20	1,976	kWh	\$143.85	\$143.85	\$143.85
Power Supply Demand Charge										
PSCAF - Monthly Factor	978	kWh	\$4.88	\$9.60	-\$5.78	1,976	kWh	\$9.86	\$19.40	-\$11.68
kWH Tax- Level 1	978	kWh	\$4.55	\$4.55	\$4.55	1,976	kWh	\$9.19	\$9.19	\$9.19
kWH Tax- Level 2										
kWH Tax- Level 3										
Total Electric			\$107.56	\$112.28	\$96.90			\$202.29	\$211.83	\$180.75
Water	6	CCF	\$42.27	\$41.37	\$39.57	11	CCF	\$68.02	\$66.37	\$63.07
Sewer (w/Stm.Sew. & Lat.)	6	CCF	\$70.89	\$64.63	\$54.58	11	CCF	\$98.89	\$90.08	\$76.78
Storm Water (Rate/ERU)			\$9.50	\$9.50	\$9.50			\$9.50	\$9.50	\$9.50
Refuse (Rate/Service)			\$18.00	\$18.00	\$18.00			\$18.00	\$18.00	\$18.00
Sub-Other Services			\$140.66	\$133.50	\$121.65			\$194.41	\$183.95	\$167.35
Total Billing - All Services			\$248.22	\$245.78	\$218.55			\$396.70	\$395.78	\$348.10
<i>Verification Totals-></i>			<i>\$248.22</i>	<i>\$245.78</i>	<i>\$218.55</i>			<i>\$396.70</i>	<i>\$395.78</i>	<i>\$348.10</i>
				<i>Cr.Mo to Pr.Mo</i>	<i>Cr.Yr to Pr.Yr</i>				<i>Cr.Mo to Pr.Mo</i>	<i>Cr.Yr to Pr.Yr</i>
Dollar Chg.to Prior Periods				\$2.44	\$29.67				\$0.92	\$48.60
% Inc/Dec(-) to Prior Periods				0.99%	13.58%				0.23%	13.96%
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Cost/kWH - Electric	978	kWh	\$0.10998	\$0.11481	\$0.09908	1,976	kWh	\$0.10237	\$0.10720	\$0.09147
% Inc/Dec(-) to Prior Periods				-4.21%	11.00%				-4.51%	11.92%
Cost/CCF - Water	6	CCF	\$7.04500	\$6.89500	\$6.59500	11	CCF	\$6.18364	\$6.03364	\$5.73364
Cost/GALLONS - Water	4,488	GAL	\$0.00942	\$0.00922	\$0.00882	8,229	GAL	\$0.00827	\$0.00807	\$0.00766
% Inc/Dec(-) to Prior Periods				2.18%	6.82%				2.49%	7.85%
Cost/CCF - Sewer	6	CCF	\$11.81500	\$10.77167	\$9.09667	11	CCF	\$8.99000	\$8.18909	\$6.98000
Cost/GALLON - Sewer	4,488	GAL	\$0.01580	\$0.01440	\$0.01216	8,229	GAL	\$0.01202	\$0.01095	\$0.00933
% Inc/Dec(-) to Prior Periods				9.69%	29.88%				9.78%	28.80%

(Listed Accounts Assume SAME USAGE for kWh and Water (CCF) for All Billing Periods)

RATE REVIEW COMPARISONS - Current to Prior Month and Prior Year

2016 NOVEMBER - ELECTRIC										
Rate Comparisons to Prior Month and Prior Year										
			<i>Current</i>	<i>Prior Month</i>	<i>Prior Year</i>			<i>Current</i>	<i>Prior Month</i>	<i>Prior Year</i>
	Service	Service	November	October	November	Service	Service	November	October	November
<u>Customer Type</u>	<u>Usage</u>	<u>Units</u>	<u>2016 Rate</u>	<u>2016 Rate</u>	<u>2015 Rate</u>	<u>Usage</u>	<u>Units</u>	<u>2016 Rate</u>	<u>2016 Rate</u>	<u>2015 Rate</u>
<i>Customer Type -></i>	COMMERCIAL USER - (3 Phase w/Demand)					INDUSTRIAL USER - (3 Phase w/Demand)				
Customer Charge			\$18.00	\$18.00	\$18.00			\$100.00	\$100.00	\$100.00
Distribution Energy Charge	7,040	kWh	\$38.02	\$38.02	\$38.02	98,748	Reactive	\$2,303.85	\$2,303.85	\$2,303.85
Distribution Demand Charge	20.32	kW/Dmd	\$92.86	\$92.86	\$92.86	1510.1	kW/Dmd	\$8,215.30	\$8,215.30	\$8,215.30
Power Supply Energy Charge	7,040	kWh	\$623.04	\$623.04	\$623.04	866,108	kWh	\$39,165.42	\$39,165.42	\$39,165.42
Power Supply Demand Charge								\$15,296.55	\$15,296.55	\$15,296.55
PSCAF - Monthly Factor	7,040	kWh	\$35.13	\$69.13	-\$41.61			\$4,105.79	\$8,079.93	-\$4,862.77
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			\$837.51	\$871.51	\$760.77			\$72,340.52	\$76,314.66	\$63,371.96
Water	25	CCF	\$137.32	\$133.57	\$126.07	300	CCF	\$1,555.51	\$1,555.51	\$1,420.51
Sewer (w/Stm.Sew. & Lat.)	25	CCF	\$178.69	\$162.74	\$138.94	300	CCF	\$1,718.69	\$1,562.49	\$1,359.94
Storm Water (Rate/ERU)			\$9.50	\$9.50	\$9.50			\$330.00	\$330.00	\$330.00
Refuse (Rate/Service)			\$5.00	\$5.00	\$5.00			\$5.00	\$5.00	\$5.00
Sub-Other Services			\$330.51	\$310.81	\$279.51			\$3,609.20	\$3,453.00	\$3,115.45
Total Billing - All Services			\$1,168.02	\$1,182.32	\$1,040.28			\$75,949.72	\$79,767.66	\$66,487.41
<i>Verification Totals-></i>			<i>\$1,168.02</i>	<i>\$1,182.32</i>	<i>\$1,040.28</i>			<i>\$75,949.72</i>	<i>\$79,767.66</i>	<i>\$66,487.41</i>
				<i>Cr.Mo to Pr.Mo</i>	<i>Cr.Yr to Pr.Yr</i>				<i>Cr.Mo to Pr.Mo</i>	<i>Cr.Yr to Pr.Yr</i>
Dollar Chg.to Prior Periods				-\$14.30	\$127.74				-\$3,817.94	\$9,462.31
% Inc/Dec(-) to Prior Periods				-1.21%	12.28%				-4.79%	14.23%
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Cost/kWH - Electric	7,040	kWh	\$0.11896	\$0.12379	\$0.10806	866,108	kWh	\$0.08352	\$0.08811	\$0.07317
% Inc/Dec(-) to Prior Periods				-3.90%	10.09%				-5.21%	14.15%
Cost/CCF - Water	25	CCF	\$5.49280	\$5.34280	\$5.04280	300	CCF	\$5.18503	\$5.18503	\$4.73503
Cost/GALLONS - Water	18,701	GAL	\$0.00734	\$0.00714	\$0.00674	224,415	GAL	\$0.00693	\$0.00693	\$0.00633
% Inc/Dec(-) to Prior Periods				2.81%	8.92%				0.00%	9.50%
Cost/CCF - Sewer	25	CCF	\$7.14760	\$6.50960	\$5.55760	300	CCF	\$5.72897	\$5.20830	\$4.53313
Cost/GALLON - Sewer	18,701	GAL	\$0.00956	\$0.00870	\$0.00743	224,415	GAL	\$0.00766	\$0.00696	\$0.00606
% Inc/Dec(-) to Prior Periods				9.80%	28.61%				10.00%	26.38%

(Listed Accounts Assume SAME USA)