Memorandum

To: Mayor & Members of Council

From: Monica Irelan, City Manager

Subject: General Information

Date: May 9, 2014

CALENDAR

MONDAY, MAY 12TH

- 1. Meeting Agenda ELECTRIC COMMITTEE @ 6:30 pm
 - a. Approval of Minutes a copy of the April 14th meeting minutes are enclosed
 - b. *Review/Approval of Electric Billing Determinants for May 2014* –the billing determinants reports are enclosed.
 - c. Electric Department Report for April 2014 is attached.
 - d. *Review of Electric Rates with Courtney & Associates* included in the packet are: 1) the 2014 Electric Rate and Cost of Service Study; 2) Cost of Service Model; and 3) Moving \$60,000 Adder to Base Rates.
 - e. *Review of AMPGS Settlement* enclosed is information from AMP on AMPGS Stranded Cost Payment Options. Greg asked that we also include AMP Statement on AMPGS Bechtel Litigation and AMPGS Local Government Participant Accounting & Disclosure.
- 2 Meeting Agenda BOARD OF PUBLIC AFFAIRS @ 6:30 pm
- 3 Meeting Agenda WATER/SEWER COMMITTEE @ 7:00 pm
 - a. Approval of Minutes the minutes from the April 14th meeting are enclosed.
 - b. *Review of VanHyning I/I Study* Adam Hoff from Stantec has a presentation he will be giving at the meeting
- 4 CANCELLATION Municipal Properties/ED Committee

TUESDAY, MAY 13TH

- 1 Meeting Agenda Privacy Committee @ 10:30 am
- 2 CANCELLATION Board of Zoning Appeals
- 3 CANCELLATION Planning Commission

INFORMATIONAL

- 1. AMP Update/May 2, 2014
- 2. AMP Update/May 9, 2014
- 3. OML Bulletin/May 9, 2014

MI:rd Records Retention CM-11 - 2 Years

Monthly Calendar

May 1 - 31, 2014



② Calendar

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|-------------------|-------------------------|--|-------------------|-------------------|--------------------|--------------------|
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| 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| | 6:30 PM ELECTRIC | | BISHER - Vacation | BISHER - Vacation | BISHER - Vacation | BISHER - Vacation |
| | Committee | | | | | |
| | Board of Public Affairs | | | | | |
| | 7:00 PM WATER/SEWER | | | | | |
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| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| | 6:00 PM City TREE | | | AMP - Bisher | BISHER - Vacation | BISHER - Vacation |
| | Commission Mtg. | | Awi - Dister | Awi - Dister | DISILIC - Vacation | DISTILK - Vacation |
| | 6:15 PM Parks & Rec | | | | | |
| | Committee Meeting | | | | | |
| | 7:00 PM City COUNCIL | | | | | |
| | Meeting | | | | | |
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| 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| | | | 20 | 29 | | 31 |
| BISHER - Vacation | HOLIDAY - MEMORIAL DAY | 6:30 PM Finance & Budget | | | | |
| | BISHER - Vacation | Committee Mtg. | | | | |
| | | 7:30 PM Safety & Human Resources Comm. Mtg. | | | | |
| | 1 | BISHER - Vacation | | | | |
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| | | <mark>Sheryl</mark> | | | | |
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City of Napoleon, Ohio

ELECTRIC COMMITTEE

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

Meeting Agenda Monday, May 12, 2014 at 6:30 PM

- I. Approval of Minutes (In the Absence of any Objections or Corrections, the Minutes Shall Stand Approved)
- II. Review/Approval of the Electric Billing Determinants for May: Generation Charge: Residential @ \$0.08677; Commercial @ \$0.10393; Large Power @ \$0.05563; Industrial @ \$0.05563; Demand Charge Large Power @ \$14.36; Industrial @ \$15.02; JV Purchased Cost: JV2 @ \$0.04804; JV5 @ \$0.04804
- III. Electric Department Report
- IV. Review of Electric Rates with Courtney & Associates
- V. Review of AMPGS Settlement
- VI. Any Other Items Currently Assigned to Committee

Gregory J. Heath, Finance Director/Clerk of Council

City of Napoleon, Ohio ELECTRIC COMMITTEE Meeting Minutes Monday, April 14, 2014 at 6:30 PM

| PRESENT Members BOPA City Staff Recorder Others ABSENT | Travis Sheaffer – Chair (arrived at 6:32 pm), Jason Maassel, Jeff Comadoll (substitute), John Helberg (arrived at 6:50 pm) Keith Engler – Chair, Mike DeWit, Dr. David Cordes Ronald A. Behm, Mayor (arrived at 7:13 pm) Dr. Jon A. Bisher, City Manager Monica S. Irelan, Assistant City Manager Dennis Clapp, Electric Superintendent Trevor M. Hayberger, Law Director Gregory J. Heath, Finance Director/Clerk of Council Tammy Fein Media, Carey Lange |
|--|---|
| Call To Order | Chairperson Engler called the meeting to order at 6:30 pm. Committee member Maassel called the meeting to order at 6:30 pm. |
| Approval Of Minutes | The March 10 meeting minutes stand approved as presented with no objections or corrections. |
| Review Of Billing Determinants | The electric billing determinants for April were presented for review. Heath reported that the JV5 determinant reflects the credit received for prepayment on the debt limitation process; this information was distributed in the packet; see attached. Heath added that this is the second payment on the levelization program that runs through March 2015, with this payment totaling \$120,000 however the payments fluctuate between \$120,000 and approximately \$180,000, and in April of 2015 a credit will be received. Cordes asked the amount of interest received on these payments; Heath replied that a trust account was opened with US Bank and according to the last statement, the interest rate is approximately 0.02%. DeWit added that the options of where to place the funds are limited, as it cannot be placed in commodities. Heath reported that currently there is \$310,000 in the account and \$6.43 was earned in interest. |
| Motion To Recommend Approval Of Electric Billing Determinants | Motion: DeWitSecond: CordesTo recommend approval of electric billing determinants for April 2014 asfollows:Generation Charge: Residential @ \$0.06700; Commercial @ \$0.07470;Large Power @ \$0.04226; Industrial @ \$0.04226; Demand Charge LargePower @ \$11.28; Industrial @ \$13.22; JV Purchased Cost: JV2 @\$0.06643; JV5 @ \$0.06643. |
| Passed | Roll call vote on above motion: |

| Yea- 3 Nay- 0 | Yea- Engler, Cordes, DeWit Nay- |
|--|--|
| Motion To Accept BOPA Recommendation For Approval Of Electric Billing Determinants | Motion: MaasselSecond: ComadollTo accept the BOPA recommendation for approval of electric billing determinants for April 2014 as follows:Gener]ation Charge: Residential @ \$0.06700; Commercial @ \$0.07470; Large Power @ \$0.04226; Industrial @ \$0.04226; Demand Charge Large Power @ \$11.28; Industrial @ \$13.22; JV Purchased Cost: JV2 @ \$0.06643; JV5 @ \$0.06643. |
| Passed Yea- 3 Nay- 0 | Roll call vote on above motion: Yea- Sheaffer, Maassel, Comadoll Nay- |
| Electric Department Report | Clapp gave the Electric Department Report (attached). |
| | Maassel asked if the crews drove in the lawns behind the residences in Riviera Heights; Clapp replied the lawns are driven in only when necessary, and any ruts that are made by the trucks are fixed; Clapp added that equipment pads were purchased to help decrease the number of ruts made when driving in the lawn is necessary. |
| | Engler asked if additional precautions were taken at the area near WalMart that has significantly decreased the number of geese flying into the power lines; Clapp replied that the harsh winter may have thinned out the numbers of geese, and the six (6) foot cross arms were replaced with ten (10) foot cross arms to keep the wires from coming together if hit. Bisher added that he and Irelan observed the Electric Department software used at Police Dispatch to track power outages and it will be very helpful in tracking the number of outages associated with each incident; Clapp added that he is having a touchscreen installed in his office to monitor the incidents, and the software will automatically call the residents back to ensure the power has been restored and change the status on the screen, this will help to ensure that no resident is left without power. DeWit asked how to get on the list for callback through this system; Bisher replied there is a call number that will be distributed with the bills. Clapp stated that the outages can now be tracked with only a few residents calling in instead of everyone who was without power; Bisher added this system will work with all numbers, both landline and cell phones. Clapp stated that residents who are not Napoleon Power customers will still be able to call in to the Police Department and the Dispatcher will enter the address into the system to be tracked; DeWit warned that residents should be careful when doing this, as the Napoleon Police Department Dispatchers will enter the information into the system however the Sheriff's Department Dispatchers will not; Bisher agreed. Clapp stated the EfficiencySmart Program has been successful recently, however the representative for the Program, Marvin Davis, has been let go due to downsizing; Carl Andre will take over the program. Clapp stated that Andre originated the program with the City and will be a fit |

| | like to attend. |
|---|---|
| Review Of Electric Rates | Bisher stated the review of the full Cost of Service Study with Courtney & Associates, including rate structure, will take place at the May 12 meeting. |
| Sequestration Of Build America Bond Payments | Sheaffer reported that many City projects are funded by tax free municipal bonds; the Federal Government issues Build America Bonds in which the Government would pay the interest rate on the bond; Heath added that these were fully taxable bonds with the interest reimbursed by the Federal Government. Sheaffer reported that the sequestration of these bonds that began in 2008 was extended to fund COLAs for Veterans. Heath explained that this means the City is not being reimbursed by the Federal Government, meaning that the entity which originally borrowed the money must now produce the additional funds to pay the interest as well. Sheaffer reported that AMP stated if the funds were continued to be sequestered, this would result in \$63,000,000 in reduced credit payment to AMP for bonds issued to finance Prarie State, the combined hydros, and the Meldahol hydro projects. AMP is requesting the City to contact the US Representatives and Senators regarding this issue; Sheaffer has a sample document to distribute to anyone who is interested. DeWit suggested that the cost per City customer should be highlighted in the correspondence to better show the message of who is being affected by the sequestration. Bisher stated that Congress had been spoken to before regarding this issue, and Congress suggested speaking with the Office of Management and Budget, who in turn suggested speaking with the Office of Management and Budget, who in turn suggested speaking with the City had Revenue Zone Economic Development Bonds on the sewer issue with a rate of 45% because the bonds qualified for an extra 10%, of that, the shortage is 8.7%. Heath is having the issue evaluated; adding that when the Government backtracked on its promise to pay, the term of the bond was voided, making the bond immediately callable. Heath is researching interest and if a more favorable rate can be reached, Heath will bring the bond before Council for approval. |
| Electric Motion To Adjourn | Motion: Maassel Second: Comadoll |
| Passed Yea- 3 Nay- 0 | Roll call vote on above motion: Yea- Sheaffer, Maassel, Comadoll Nay- |
| | Page 3 of 4 |





| BILLING DETERMINANTS for E | BILLING CY | CLE - MA | <u>Y, 2014</u> | | | | | | |
|---|---------------------|---------------------|---------------------|---------------------------------------|----------------------|------------------|-----------------------|--------------|-------------|
| 2014 - MAY BILLING WITH APRIL 2014 DATA B | | | | | | | | | |
| PREVIOUS MONTH'S POWER BILLS - P | | OWER KWH AN | D COST ALLO | | EMAND & ENE | | | | |
| DATA PERIOD | MONTH | | | DAYS IN MONTH | | MUNICIPAL PEAK | | | |
| AMP-Ohio Bill Month | MARCH, 2014 | | | 31 | | 22,912 | | | |
| City-System Data Month | APRIL, 2014 | | | 30 | | | | | |
| City-Monthly Billing Cycle | MAY, 2014 | | | 31 | | | | | |
| | AMPGS | AMPGS | FIRST ENERGY | | | AMP SOLAR | PRAIRIE STATE | NORTHERN | FREEMONT |
| (<u>PURCHASED POWER-RESOURCES -> (</u> | REPLACEMENT | | REM.REQUIREMEN | AMP CT | NYPA | PHASE 1 | SCHED. @ PJMC 8 | POWER | ENERGY |
| FURCHASED FOWER-RESOURCES -> [| 2013 5x16 @ AD | 2013 7x24 @ AD | | | | | REPLMT@ PJMC & | POOL | SCHEDULED |
| Delivered kWh (On Peak) -> | 1,680,000 | 744,000 | 2,056,198 | | 579,829 | 100,634 | 2,770,300 | 127,492 | 4,074,56 |
| Delivered kWh (Off Peak) -> | 1,000,000 | 744,000 | 2,000,100 | , , , , , , , , , , , , , , , , , , , | 070,020 | 100,004 | 2,110,000 | 681,110 | 4,014,00 |
| Delivered kWh (Replacement/Losses/Offset) -> | | | | | | | 0 | 001,110 | |
| Delivered kWh (Credits) -> | | | | | | | _ | -1,610,393 | |
| | | | | | | | | | |
| Net Total Delivered kWh as Billed -> | 1,680,000 | , | 2,056,198 | 0 | 0.0,0=0 | 100,634 | 2,770,300 | -801,791 | 4,074,56 |
| Percent % of Total Power Purchased-> | 12.3518% | 5.4701% | 15.1177% | 0.0000% | 4.2631% | 0.7399% | 20.3680% | -5.8951% | 29.9573% |
| | | | | | | | | | |
| POWER - COSTS OF ENERGY, DEMAND, REACTIV | /E, TAXES, FEES, | CREDITS & OTHER | R ADJUSTMENTS: | | | | | | |
| DEMAND CHARGES (+Debits) | | | | | | | | | A |
| Demand Charges | | | | \$27,510.15 | \$5,819.07 | | \$44,379.77 | | \$31,245.7 |
| Debt Services (Principal & Interest) | | | | | | | \$118,258.70 | | \$44,194.2 |
| Capital Improvements | | | | | | | | | |
| Working Capital | | | | | ¢4,000,00 | | | | |
| Bill Adjustments (General) | | | | | \$4,802.23 | | | | |
| DEMAND CHARGES (-Credits) | | | | | | | | | |
| Transmission Charges (Demand-Credits) | | | | -\$13.704.18 | | -\$126.33 | | | |
| Capacity Credit | | | | -\$7,661.41 | -\$792.12 | -\$120.33 | -\$3,487.59 | | -\$7,303.1 |
| Bill Adjustments (General) | | | | -\$7,001.41 | -\$792.12 | | -\$3,407.39 | | -\$7,303.1 |
| Bill Adjustments (General) | | | | | | | | | |
| Sub-Total Demand Charges | \$0.00 | \$0.00 | \$0.00 | \$6,144.56 | \$9,829.18 | -\$126.33 | \$159,150.88 | \$0.00 | \$68,136.9 |
| ENERGY CHARGES (+Debits or Adjustments): | | | | | | | | | |
| Energy Charges - (On Peak) | \$118,322.40 | \$45,145.92 | \$71,864.12 | | \$12,643.53 | \$8,553.90 | \$16,126.19 | \$13,478.73 | \$154,926.3 |
| Energy Charges - (Replacement/Off Peak) | \$110,322.40 | \$45,145.92 | \$71,004.12 | | \$12,043.33 | \$0,000.90 | φ10,120.19 | \$13,478.73 | φ104,920.3 |
| Net Congestion, Losses, FTR | \$15,052.21 | \$5,266.76 | | | | | \$54,009.81 | φ23,307.01 | -\$17,700.1 |
| Transmission Charges (Energy-Debits) | ψ10,002.21 | ψ3,200.70 | | | | | \$42,568.61 | | -\$17,700.1 |
| ESPP Charges | | | | | | | φ+2,300.01 | | |
| Bill Adjustments (General & Rate Levelization) | | | | | \$194.82 | | | | -\$107.6 |
| Din Adjustments (General & Hate Levenzation) | | | | | φ10 4 .02 | | | | -\$107.0 |
| ENERGY CHARGES (-Credits or Adjustments): | | | | | | | | | |
| Energy Charges - On Peak (Sale or Rate Stabilization) | | | | | | | | -\$94,525.76 | |
| Net Congestion, Losses, FTR | | | | | -\$8,499.18 | | | \$04,0E0.70 | |
| Bill Adjustments (General & Rate Levelization) | | | | | ψ0,400.10 | | -\$17,272.43 | | |
| | | | | | | | φτ <i>η</i> ,ετε.το | | |
| Sub-Total Energy Charges | \$133,374.61 | \$50,412.68 | \$71,864.12 | \$0.00 | \$4,339.17 | \$8,553.90 | \$95,432.18 | -\$55,679.42 | \$137,118.5 |
| COMBINED DEMAND & ENERGY (Debits & Credits | Allocated by Ration | o between Demand | l & Energy) - Servi | ce Fees, Billina and | d Rate Adiustment | s: | | | |
| RPM Charges Capacity - (+Debit) | | | | | | | | | |
| RPM Charges Capacity - (-Credit) | | | | | | | | | |
| Service Fees AMP-Dispatch Center - (+Debit/-Credit) | | | | | | | | | |
| Service Fees AMP-Part A - (+Debit/-Credit) | | | | | | | | | |
| Service Fees AMP-Part B - (+Debit/-Credit) | | | | | | | | | |
| Other Charges & Bill Adjustments - (+Debit/-Credit) | | | | | | | | | |
| City Rate Adjustment in Cost of Power (1) | | | | | | | | | |
| Sub-Total Service Fees & Other Charges | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.0 |
| | | | | | | | | ş0.00 | |
| TOTAL - ALL COSTS TO ALLOCATE | \$133,374.61 | \$50,412.68 | \$71,864.12 | \$6,144.56 | \$14,168.35 | \$8,427.57 | \$254,583.06 | -\$55,679.42 | \$205,255.4 |
| Purchased Power Resources - Cost per kWH-> | \$0.079390 | \$0.067759 | \$0.034950 | \$0.000000 | \$0.024435 | \$0.083745 | \$0.091897 | \$0.069444 | \$0.05037 |
| | | | | | | | | | |
| NOTES: (1) A Permanent \$60,000 Monthly Cost of | Power representin | a a Eivo (5%) Inora | aso in 2008, as An | proved by Council | in Ord # 003-08 n | assed 01/07/2008 | offootivo billing Mar | ch 2008 | |
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| BILLING DETERMINANTS for E | | | | | | | | |
|--|-------------|---------------|-------------------------|--------------------|--------------------|-------------------|---------------------------|-----------------------------|
| 2014 - MAY BILLING WITH APRIL 2014 DATA B | | | | | | | | |
| PREVIOUS MONTH'S POWER BILLS - P | l | | | | | | | |
| DATA PERIOD | | | | | | | | |
| AMP-Ohio Bill Month | | | | | | | | |
| City-System Data Month | | | | | | | | |
| City-Monthly Billing Cycle | | | | | | | | |
| | | | | | | | | |
| | EFFICIENCY | JV-2 | JV-5 | JV-6 | TRANSMISSION | SERVICE FEES | LEVELIZATION | TOTAL - |
| PURCHASED POWER-RESOURCES -> (| SMART | PEAKING | HYDRO | WIND | CHARGES | DISPATCH, A & B | | ALL |
| | POWER PLANT | SCHED. @ ATSI | <u>7x24 @ ATSI</u> | SCHED. @ ATSI | Other Charges | Other Charges | MONTHLY ADDER | <u>RESOURCES</u> |
| Delivered kWh (On Peak) -> | . 0 | 31 | 2,297,472 | 66,749 | | | | 14,497,266 |
| Delivered kWh (Off Peak) -> | | | | | | | | 681,110 |
| Delivered kWh (Replacement/Losses/Offset) -> | | | 33,261 | | | | | 33,261 |
| Delivered kWh (Credits) -> | | | | | | | | -1,610,393 |
| Net Total Delivered kWh as Billed -> | 0 | 31 | 2,330,733 | 66,749 | 0 | 0 | 0 | 13,601,244 |
| Percent % of Total Power Purchased-> | 0.0000% | 0.0002% | 17.1362% | 0.4908% | 0.0000% | 0.0000% | 0.0000% | 100.0000% |
| | | | | | | | Verification Total - > | 100.0000% |
| POWER - COSTS OF ENERGY, DEMAND, REACTIV | v | | | | | | | |
| DEMAND CHARGES (+Debits) | | | | | | | | |
| Demand Charges | | \$440.59 | \$15,082.65 | \$1,334.86 | \$44,340.17 | | | \$170,153.05 |
| Debt Services (Principal & Interest) | | | \$64,508.32 | \$3,531.00 | | | | \$230,492.27 |
| Capital Improvements | | | | | | | | \$0.00 |
| Working Capital | | | | | | | | \$0.00 |
| Bill Adjustments (General) | | | | | | | | \$4,802.23 |
| | | | | | | | | |
| DEMAND CHARGES (-Credits) | | | | | | | | |
| Transmission Charges (Demand-Credits) | | -\$258.35 | -\$4,321.09 | | | | | -\$18,442.74 |
| Capacity Credit | | -\$194.64 | -\$2,593.92 | -\$16.52 | | | | -\$22,049.34 |
| Bill Adjustments (General) | | | | | | | | \$0.00 |
| Sub-Total Demand Charges | \$0.00 | -\$12.40 | \$72,675.96 | \$4,816.55 | \$44,340.17 | \$0.00 | \$0.00 | \$364,955.47 |
| | | | | | | | | |
| ENERGY CHARGES (+Debits or Adjustments): | | 61 05 | \$44,000,0 7 | | \$40,004,00 | | | AF07 F74 47 |
| Energy Charges - (On Peak) | | \$1.25 | \$44,223.87 | | \$42,284.93 | | | \$527,571.17 \$25,367.61 |
| Energy Charges - (Replacement/Off Peak) Net Congestion, Losses, FTR | | | | | | | | \$25,367.61 |
| Transmission Charges (Energy-Debits) | | | | | | | | \$42,568.61 |
| ESPP Charges | \$18,234.31 | | | | | | | \$18,234.31 |
| Bill Adjustments (General & Rate Levelization) | \$10,234.31 | \$4.41 | | | | | \$120,000.00 | \$18,234.31 |
| Bill Adjustments (General & Hate Levelization) | | φ+.+1 | | | | | φ120,000.00 | \$120,091.05 |
| ENERGY CHARGES (-Credits or Adjustments): | | | | | | | | |
| Energy Charges - On Peak (Sale or Rate Stabilization) | | -\$37.13 | | | | 1 | | -\$94,562.89 |
| Net Congestion, Losses, FTR | / | <i>\\</i> | | | | 1 | | -\$8,499.18 |
| Bill Adjustments (General & Rate Levelization) | | | | | | 1 | | -\$17,272.43 |
| , | | | | | | | | |
| Sub-Total Energy Charges | \$18,234.31 | -\$31.47 | \$44,223.87 | \$0.00 | \$42,284.93 | \$0.00 | \$120,000.00 | \$670,127.46 |
| COMBINED DEMAND & ENERGY (Debits & Credits | S | | | | | 1 | | |
| RPM Charges Capacity - (+Debit) | | | | | \$32,282.75 | | | \$32,282.75 |
| RPM Charges Capacity - (-Credit) | | | | | | | | \$0.00 |
| Service Fees AMP-Dispatch Center - (+Debit/-Credit) | | | | | | \$491.80 | | \$491.80 |
| Service Fees AMP-Part A - (+Debit/-Credit) | | | | | | \$2,982.61 | | \$2,982.61 |
| Service Fees AMP-Part B - (+Debit/-Credit) | | | | | | \$7,977.90 | | \$7,977.90 |
| Other Charges & Bill Adjustments - (+Debit/-Credit) | | | | | | | | \$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 | \$32,282.75 | \$11,452.31 | \$60,000.00 | \$103,735.06 |
| TOTAL - ALL COSTS TO ALLOCATE | \$18,234.31 | -\$43.87 | \$116,899.83 | \$4,816.55 | \$118,907.85 | \$11,452.31 | \$180,000.00 | \$1,138,817.99 |
| | , | ÷ | , | , ., | , | , | Verification Total - > | \$1,138,817.99 |
| Purchased Power Resources - Cost per kWH-> | \$0.000000 | -\$1.415161 | \$0.050156 | | | | \$0.000000 | \$0.083729 |
| | | | | | | | Electric Service Rate - > | \$0.048041 |
| | | | (Northern Pool I | Power - On-Peak (o | Off-Peak) Energy (| Charge/kWH) = JV5 | Electric Service Rate - > | \$0.048041 |
| NOTES: (1) A Permanent \$60,000 Monthly Cost of | | | | | | | | |
| 1 | | | | | | | | |

| BILLING DETERMINANTS for E | | | V 2014 | | | | | | |
|---|------------------|--------------------|-----------------|---------------------|-----------------|----------------|-----------------|---------------|-----------------|
| | | CLE - IMA | <u>1, 2014</u> | | | | | | |
| 2014 - MAY BILLING WITH APRIL 2014 DATA B | | | | | | | | | |
| PREVIOUS MONTH'S POWER BILLS - P | URCHASED PC | <u>OWER KWH AN</u> | D COST ALLO | <u>CATIONS BY D</u> | EMAND & ENE | RGY: | | | |
| DATA PERIOD | MONTH | | | DAYS IN MONTH | | MUNICIPAL PEAK | | | |
| AMP-Ohio Bill Month | MARCH, 2014 | | | 31 | | 22,912 | | | |
| City-System Data Month | APRIL, 2014 | | | 30 | | | | | |
| City-Monthly Billing Cycle | MAY, 2014 | | | 31 | | | | | |
| | | | | | | | | | |
| (| AMPGS | AMPGS | FIRST ENERGY | | | AMP SOLAR | PRAIRIE STATE | NORTHERN | FREEMONT |
| PURCHASED POWER-RESOURCES -> (| REPLACEMENT | REPLACEMENT | REM.REQUIREMENT | AMP CT | NYPA | PHASE 1 | SCHED. @ PJMC 8 | POWER | ENERGY |
| (| 2013 5x16 @ AD | 2013 7x24 @ AD | SCHED. @ ATSI | SCHED. @ ATSI | SCHED. @ NYIS | SCHED. @ ATSI | REPLMT@ PJMC | POOL | SCHEDULED |
| RATIOS COMPUTATION (By Billed Demand and E | nergy): | | | | | | | | |
| DEMAND Ratio | 0.0000% | 0.0000% | 0.0000% | 100.0000% | 69.3742% | -1.4990% | 62.5143% | 0.0000% | 33.1961% |
| ENERGY Ratio | <u>100.0000%</u> | 100.0000% | 100.0000% | <u>0.0000%</u> | <u>30.6258%</u> | 101.4990% | <u>37.4857%</u> | 100.0000% | <u>66.8039%</u> |
| Verification Total-Ratio's = 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% |
| | | | | | | | | | |
| COST ALLOCATION TO SERVICE FEES & BILLING | AND RATE ADJU | STMENTS - By DEI | MAND and ENERG | Y RATIO'S: | | | | | |
| RPM Charges Capacity | | | | | | | | | |
| DEMAND - Allocation based on Ratio | \$0.00 | 1 | | | \$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> |
| Verification Total | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Service Fees-AMP Charges (Dispatch, Part A & Pa | | | | | | | | | |
| DEMAND - Allocation based on Ratio | \$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> |
| Verification Total | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Other Charges & Other Bill Adjustments | | | | | . | | | | |
| DEMAND - Allocation based on Ratio | \$0.00 | 1 | | 1 | \$0.00 | | | \$0.00 | \$0.00 |
| ENERGY - Allocation based on Ratio | \$0.00 | | | | <u>\$0.00</u> | | \$0.00 | <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 | \$0.00 |
| City Rate Adjustment in Cost of Power (1) | * **** | * **** | * **** | * **** | * **** | ** • • | * **** | * **** | |
| DEMAND - Allocation based on Ratio | \$0.00 | \$0.00 | | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| ENERGY - Allocation based on Ratio | \$0.00 | | | | \$0.00 | <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 | \$0.00 |
| Varifiantian Tatal | | | | | | | | | |
| Verification Total | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| | | | | | | | | | |

| BILLING DETERMINANTS for E | | | | | | | | |
|--|---------------|---------------|---------------|---------------|--------------------|-----------------|--------------------|--------------------|
| 2014 - MAY BILLING WITH APRIL 2014 DATA B | | | | | | | | |
| PREVIOUS MONTH'S POWER BILLS - PI | | | | | | | | |
| DATA PERIOD | | | | | | | | |
| AMP-Ohio Bill Month | | | | | | | | |
| City-System Data Month | | | | | | | | |
| City-Monthly Billing Cycle | | | | | | | | |
| | | | | | | | | |
| (| EFFICIENCY | JV-2 | JV-5 | JV-6 | TRANSMISSION | SERVICE FEES | LEVELIZATION | TOTAL - |
| PURCHASED POWER-RESOURCES -> (| SMART | PEAKING | HYDRO | WIND | CHARGES | DISPATCH, A & B | & CITY RATE | ALL |
| (| POWER PLANT | SCHED. @ ATSI | 7x24 @ ATSI | SCHED. @ ATSI | Other Charges | Other Charges | MONTHLY ADDER | RESOURCES |
| RATIOS COMPUTATION (By Billed Demand and En | | | | | | A-AMP RATIO | B-CITY RATIO | |
| DEMAND Ratio | 0.0000% | 28.2653% | 62.1694% | 100.0000% | 51.1863% | 36.8175% | 40.2262% | |
| ENERGY Ratio | 100.0000% | 71.7347% | 37.8306% | 0.0000% | 48.8137% | 63.1825% | 59.7738% | |
| Verification Total-Ratio's = 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | |
| | | | | | | | | |
| COST ALLOCATION TO SERVICE FEES & BILLING | | | | | | | | TOTALS |
| RPM Charges Capacity | | | | | | | | |
| DEMAND - Allocation based on Ratio | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$16,524.34 | \$0.00 | \$0.00 | \$16,524.34 |
| ENERGY - Allocation based on Ratio | <u>\$0.00</u> | <u>\$0.00</u> | <u>\$0.00</u> | <u>\$0.00</u> | <u>\$15,758.41</u> | <u>\$0.00</u> | <u>\$0.00</u> | <u>\$15,758.41</u> |
| Verification Total | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$32,282.75 | \$0.00 | \$0.00 | \$32,282.75 |
| Service Fees-AMP Charges (Dispatch, Part A & Par | | | | | | | | |
| DEMAND - Allocation based on Ratio | \$0.00 | \$0.00 | \$0.00 | \$0.00 | | | \$0.00 | \$4,216.45 |
| 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>\$7,235.86</u> |
| Verification Total | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$11,452.31 | \$0.00 | \$11,452.31 |
| Other Charges & Other Bill Adjustments | | | | | | | | |
| DEMAND - Allocation based on Ratio | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 1 | | \$48,271.44 | \$48,271.44 |
| ENERGY - Allocation based on Ratio | <u>\$0.00</u> | <u>\$0.00</u> | <u>\$0.00</u> | <u>\$0.00</u> | | | <u>\$71,728.56</u> | <u>\$71,728.56</u> |
| Verification Total | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$120,000.00 | \$120,000.00 |
| City Rate Adjustment in Cost of Power (1) | | | | | | | | |
| DEMAND - Allocation based on Ratio | \$0.00 | \$0.00 | \$0.00 | \$0.00 | | | \$24,135.72 | \$24,135.72 |
| ENERGY - Allocation based on Ratio | \$0.00 | \$0.00 | <u>\$0.00</u> | \$0.00 | | | \$35,864.28 | \$35.864.28 |
| 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 | \$32,282.75 | \$11,452.31 | \$180,000.00 | \$223,735.06 |
| | | | | | | | | |

| PREVIOUS MONTH'S POWER BILLS - PURC | HASED POWER S | UPPLY - COST | | | | |
|---|---------------------------------------|--------------------|--------------------|-------------|------------------|-----------------|
| | | | DAYS IN | | SYSTEM | |
| DATA PERIOD | MONTH | | MONTH | | PEAK | |
| AMP-Ohio Bill Month | MARCH, 2014 | | 31 | | 22,912 | |
| City-System Data Month | APRIL, 2014 | | 30 | | | |
| City-Monthly Billing Cycle | MAY, 2014 | | 31 | | | |
| PURCHASED POWER SUPPLY - COST ALL | OCATION WORKS | <u>SHEET</u> | | | | |
| | 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 | \$133,374.61 | \$0.00 | \$0.00 | \$0.00 | \$0.0 |
| AMPGS-REPLACEMENT 7x24 @ AD | \$0.00 | \$50,412.68 | \$0.00 | \$0.00 | | \$0.0 |
| SALE TO TEA 5x16 @ AD | \$0.00 | \$71,864.12 | \$0.00 | \$0.00 | | \$0.0 |
| EFFICIENCY SMART POWER PLANT | \$0.00 | \$18,234.31 | \$0.00 | \$0.00 | | \$0.0 |
| AMP CT SCHEDULED | \$6,144.56 | \$0.00 | \$0.00 | \$0.00 | | \$0.0 |
| NYPA SCHEDULED | \$9,829.18 | \$4,339.17 | \$0.00 | \$0.00 | | \$0.0 |
| AMP SOLAR PHASE 1 SCHEDULED | -\$126.33 | \$8,553.90 | \$0.00 | \$0.00 | | \$0.0 |
| PRAIRE STATE SCHEDULED | \$159,150.88 | \$95,432.18 | \$0.00 | \$0.00 | 1.1.1.1 | \$0.0 |
| VORTHERN POWER POOL | \$0.00 | -\$55,679.42 | \$0.00 | \$0.00 | 1 | \$0.0 |
| REEMONT ENERGY SCHEDULED | \$68,136.90 | \$137,118.58 | \$0.00 | \$0.00 | | \$0.0 |
| V-2 PEAKING SCHEDULED | -\$12.40 | -\$31.47 | \$0.00 | \$0.00 | | \$0.0 |
| V-5 HYDRO | \$72.675.96 | \$44,223.87 | \$0.00 | \$0.00 | | \$0.0 |
| V-6 WIND | \$4,816.55 | \$0.00 | \$0.00 | \$0.00 | 1.1.1.1 | \$0.0 |
| TRANSMISSION and Other Charges | \$44,340.17 | \$42,284.93 | \$16,524.34 | \$15,758.41 | \$0.00 | \$0.0 |
| A - AMP Service Fees- Dispatch, A & B | \$0.00 | \$0.00 | \$0.00 | \$0.00 | | \$7,235.8 |
| 3 - Levelization & City Rate Adder to Cost of Power | \$0.00 | \$0.00 | \$0.00 | \$0.00 | | \$0.0 |
| C - Outdoor Lght.Credit Reconciliation | \$0.00 | \$0.00 | \$0.00 | \$0.00 | | \$0.0 |
| FOTALS - ALL | \$364,955.47 | \$550,127.46 | \$16,524.34 | \$15,758.41 | \$4,216.45 | \$7,235.8 |
| IOTALS - ALL | \$304,933.47 | \$550,127.40 | \$10,524.54 | \$15,756.41 | \$4,210.45 | \$7,233.0 |
| RATIOS COMPUTATIONS (By Billed Demand and Energ A - AMP Service Fees - Ratio Allocation (Excluding | | rvico Ecos) | | | | |
| Totals - AMP All Billing Costs by Demand and Energy | | | ce Fees) | | | |
| Ratios to Allocate AMP Service Fees | | | | | | |
| 3 - City Rate Adjustment - Ratio Allocation (To Tota | I Cost of Power) | | | | | |
| Totals - All Billing Costs both Demand and Energy | | | | | | |
| Ratios to Allocate City Rate Adjustment | | | | | | |
| C - Outdoor Street Lights and Miscellaneou - Ratio | Allocation (To ALL Co | osts of Power, Inc | luding City Rate A | djustment) | | |
| Fotals - All Billing Costs both Demand and Energy Ratios to Allocate City Rate Adjustment | | | | | | |
| Other Cost and Reconciliation Items for Power Sup C - Outdoor Street Light Reconciliation Credit Com | | | Average Cost of P | Dowor) | | |
| Total Purchased Power Cost (Cost Per kWh, on Page | | | Average CUSLULF | 010011 | | |
| Total Outdoor Street Light kWh by Light Type (on Page | | | | | | |
| | · · · · · · · · · · · · · · · · · · · | | | | 1 | |
| Net Allocated - Security Street Light Credit Less: Security Street Light Corrections (If Any) | | | | | | |

| | BILL | ING DETERMINAN | 15 | | | DE |
|---|-----------------|-----------------|-------------|-------------|-----------------|------------------|
| BILLING DETERMINANTS for BILLIN | | | | | | |
| | | | | | | |
| PREVIOUS MONTH'S POWER BILLS - PURCH | | | | | | |
| DATA PERIOD | | | | | | |
| AMP-Ohio Bill Month | | | | | | |
| City-System Data Month | | | | | | |
| City-Monthly Billing Cycle | | | | | | |
| PURCHASED POWER SUPPLY - COST ALLO | 1 | | | | | |
| | Other Charges | Other Charges | City Rate | City Rate | TOTAL COSTS A | ALLOCATED |
| | & Bill Adjsmnt. | & Bill Adjsmnt. | Adjustment | Adjustment | TOTAL | TOTAL |
| Purchased Power Provider | DEMAND | ENERGY | DEMAND | ENERGY | DEMAND | ENERGY |
| AMPGS-REPLACEMENT 5x16 @ AD | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$133,374. |
| AMPGS-REPLACEMENT 7x24 @ AD | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$50,412. |
| SALE TO TEA 5x16 @ AD | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$71,864. |
| EFFICIENCY SMART POWER PLANT | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$18,234 |
| AMP CT SCHEDULED | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$6,144.56 | \$0. |
| NYPA SCHEDULED | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$9,829.18 | \$4,339. |
| AMP SOLAR PHASE 1 SCHEDULED | \$0.00 | \$0.00 | \$0.00 | \$0.00 | -\$126.33 | \$8.553. |
| PRAIRE STATE SCHEDULED | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$159,150.88 | \$95,432. |
| NORTHERN POWER POOL | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | -\$55,679. |
| FREEMONT ENERGY SCHEDULED | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$68,136.90 | \$137,118. |
| V-2 PEAKING SCHEDULED | \$0.00 | \$0.00 | \$0.00 | \$0.00 | -\$12.40 | -\$31. |
| V-2 FEARING SCHEDULED | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$72,675.96 | \$44,223. |
| V-5 WIND | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$4,816.55 | \$44,223. |
| FRANSMISSION and Other Charges | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$60,864.51 | \$58,043. |
| A - AMP Service Fees- Dispatch, A & B | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$4,216.45 | \$7,235. |
| B - Levelization & City Rate Adder to Cost of Power | \$48,271.44 | \$71,728.56 | \$24,135.72 | \$35,864.28 | \$72,407.16 | \$107,592. |
| C - Outdoor Lght.Credit Reconciliation | -\$2,108.60 | -\$3,133.25 | \$24,135.72 | \$55,804.28 | -\$2,108.60 | -\$3,133. |
| * | 1.1 | | | | | |
| FOTALS - ALL | \$46,162.84 | \$68,595.31 | \$24,135.72 | \$35,864.28 | \$455,994.82 | \$677,581. |
| RATIOS COMPUTATIONS (By Billed Demand and Energy): A - AMP Service Fees - Ratio Allocation (Excluding JV) | 1 | | | | DEMAND | ENERG |
| Totals - AMP All Billing Costs by Demand and Energy (Ex | | | | | \$303,999.70 | \$521,693.4 |
| Ratios to Allocate AMP Service Fees | | | | | <u>36.8175%</u> | <u>63.1825</u> |
| | | | | | 30.017378 | 03.1023 |
| B - City Rate Adjustment - Ratio Allocation (To Total C | | | | | | |
| Totals - All Billing Costs both Demand and Energy | | | | | \$385,696.26 | \$573,121. |
| Ratios to Allocate City Rate Adjustment | | | | | 40.2262% | 59.7738 |
| C - Outdoor Street Lights and Miscellaneou - Ratio All | | | | | | |
| Totals - All Billing Costs both Demand and Energy | | | | | \$458,103.42 | \$680,714. |
| Ratios to Allocate City Rate Adjustment | | | | | 40.2262% | 59.7738 |
| 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 | -\$5,241.85 | | | | -\$2,108.60 | -\$3,133. |
| Less: Security Street Light Corrections (If Any) | ψυ, Ξ Τ Ι.00 | | | | ψ=,100.00 | $\psi_{0,100.2}$ |
| Less: Security Street Light Corrections (It Any) | \$0.00 | | | | \$0.00 | <u>\$0.0</u> |

| LECTRIC | | MO | NTHLY BILLING DE | IERMINANIS | | | DETERMINAN |
|---|--|--|--|--|--|---|------------------------------------|
| BILLING DETERMINA | ANTS for BIL | LING CYCLE | - MAY, 201 | 4 | | | |
| BILLING UNITS - ALLOCAT | | | | | JLATION | | |
| | | | | | | | |
| BILLING UNITS - ALLOCAT | <u>ION OF kWH &</u> | DEMAND USEAC | <u>BE BY CLASS</u> | | | | |
| | | OR MONTH'S DAT | ۲ ۸ | | | | |
| Days in AMP-Oh Bill Month | 31 | | | | | | |
| Coincidental Peak in Month | 22,912 | | | | | | |
| Days in Data Month | 30 | | | | | | |
| - | 1,G2, G3, & G4 , | | | 0 | ITY STREET LIGHTS | | N |
| | kWh | Metered kW | Billed kVa | Light | Number of | Monthly kWh | Total kWh |
| Cstmr. Class or Schedule | Sales | Demand | Demand | Type | Lights | Per Light | by Light Type |
| Residential (Domestic) | 2,956,223 | | | 52W | 3 | 17.16 | 51 |
| Residential (Rural) | 1,534,343 | | | 70W | 87 | 23.10 | 2,010 |
| Commercial (1P) | 61,761 | | | 100W | 487 | 33.00 | 16,071 |
| Commercial (1P)(D) | 374,315 | | | 150W | 58 | 49.50 | 2,871 |
| Commercial (3P) | 80 | | | 157W | 2 | 51.81 | 104 |
| Commercial (3P)(D) | 1,892,530 | | | 250W | 335 | 82.50 | 27,638 |
| Large Power (D) | 2,564,436 | | 7,167 | 400W | 105 | 132.00 | 13,860 |
| Industrial (D) | 2,238,759 | | 5,557 | | | | |
| Interdepartmental | 557,004 | 1,264 | | | | | |
| Total kWh, kW and kVa | 12,179,451 | 22,725 | | | | | 62,605 |
| Verification Totals -> | | | | Ctreat Linkte | listing - Revised Per | Fleetrie Curerinten | |
| Venilcation Totals -> | 12,179,451 | 22,725 | | Street Lights | listilig - neviseu Pel | Electric Superinten | |
| | AVE | RAGE AND EXCE | ESS DEMAND CA | LCULATION | | | |
| | A | B | C | D | E | F | |
| | | — | - | - | D/"Tot.Excess Dmd | (B + E) | |
| | | AMP Bill Month") | Factor") | (0 0) | X ("kW Load" - | System | |
| kWh & Demand | Monthly | Monthly | Caculated (Cal.) | | Mthly.Avg.Dmd'') | kW Load | |
| w/Demand (Actual or Cal.) | kWh | Average | or Actual | Excess | Allocated Excess | Delivered | |
| Cstmr. Class or Schedule | Delivered | Demand | Maximum Demand | Demand | Demand | A & E | |
| Residential (Dom) (Cal. D) | 2,956,223 | 3,973.42 | 5,354.00 | 1,380.58 | 631.84 | 4,605.26 | |
| Residential (Rural) (Cal. D) | 1,534,343 | | 2,779.00 | | 328.01 | 2,390.30 | |
| Commercial (1P) (Cal. D) | 61,761 | 83.01 | 112.00 | | 13.27 | 96.28 | |
| Commercial (1P) (Actual D) | | | | | | | |
| Commercial (3P) (Cal. D) | 374.315 | 503.11 | 1.928.00 | 1.424.89 | 652.12 | 1.155.23 | |
| / (/ | 374,315 80 | | 1,928.00 0.00 | | 652.12 -0.05 | 1,155.23 0.06 | |
| Commercial (3P) (Actual D) | 80 | 0.11 | 0.00 | -0.11 | -0.05 | 0.06 | |
| Commercial (3P) (Actual D) Large Power (Actual D) | 80 1,892,530 | 0.11 2,543.72 | 0.00 6,545.00 | - <mark>0.11</mark> 4,001.28 | - <mark>0.05</mark> 1,831.24 | 0.06 4,374.96 | |
| Large Power (Actual D) | 80 1,892,530 2,564,436 | 0.11 2,543.72 3,446.82 | 0.00 6,545.00 7,167.00 | -0.11 4,001.28 3,720.18 | -0.05 1,831.24 1,702.59 | 0.06 4,374.96 5,149.41 | |
| Large Power (Actual D) Industrial (Actual D) | 80 1,892,530 | 0.11 2,543.72 3,446.82 3,009.08 | 0.00 6,545.00 7,167.00 5,557.00 | -0.11 4,001.28 3,720.18 2,547.92 | -0.05 1,831.24 1,702.59 1,166.09 | 0.06 4,374.96 | Var |
| Large Power (Actual D) Industrial (Actual D) | 80 1,892,530 2,564,436 2,238,759 | 0.11 2,543.72 3,446.82 3,009.08 | 0.00 6,545.00 7,167.00 5,557.00 1,009.00 | -0.11 4,001.28 3,720.18 2,547.92 260.34 | -0.05 1,831.24 1,702.59 1,166.09 119.15 | 0.06 4,374.96 5,149.41 4,175.17 | <u>Var</u> |
| Large Power (Actual D) Industrial (Actual D) Interdepartmental (Cal. D) Total Billed System Demand | 80 1,892,530 2,564,436 2,238,759 557,004 | 0.11 2,543.72 3,446.82 3,009.08 748.66 16,370.22 | 0.00 6,545.00 7,167.00 5,557.00 1,009.00 30,451.00 | -0.11 4,001.28 3,720.18 2,547.92 260.34 14,080.78 | -0.05 1,831.24 1,702.59 1,166.09 119.15 6,444.26 | 0.06 4,374.96 5,149.41 4,175.17 867.81 | <u>Var</u> |
| Large Power (Actual D) Industrial (Actual D) Interdepartmental (Cal. D) | 80 1,892,530 2,564,436 2,238,759 557,004 12,179,451 | 0.11 2,543.72 3,446.82 3,009.08 748.66 16,370.22 84.15 | 0.00 6,545.00 7,167.00 5,557.00 1,009.00 30,451.00 113.40 | -0.11 4,001.28 3,720.18 2,547.92 260.34 14,080.78 29.25 | -0.05 1,831.24 1,702.59 1,166.09 119.15 6,444.26 13.39 | 0.06 4,374.96 5,149.41 4,175.17 867.81 22,814.47 | <u>Var</u> |
| Large Power (Actual D) Industrial (Actual D) Interdepartmental (Cal. D) Total Billed System Demand Outdoor Lights | 80 1,892,530 2,564,436 2,238,759 557,004 12,179,451 62,605 12,242,056 | 0.11 2,543.72 3,446.82 3,009.08 748.66 16,370.22 84.15 | 0.00 6,545.00 7,167.00 5,557.00 1,009.00 30,451.00 113.40 30,564.40 | -0.11 4,001.28 3,720.18 2,547.92 260.34 14,080.78 29.25 14,110.03 | -0.05 1,831.24 1,702.59 1,166.09 119.15 6,444.26 13.39 6,457.65 | 0.06 4,374.96 5,149.41 4,175.17 867.81 22,814.47 97.53 22,912.00 | <u>Var</u> <-Verification Total |

| | | | NTHLY BILLING DE | | | | DETERMINA |
|-----------------------------------|-------------------------|-------------------------|----------------------|-----------------------|--------------------------------------|------------|-----------|
| BILLING DETERMIN | <u>IANTS for BIL</u> | <u>.LING CYCLE</u> | <u>- MAY, 201</u> | <u>4</u> | | | |
| BILLING UNITS - ALLOC | ATIONS OF WH | and DEMAND & E | NERGY COSTS | and BATE CALCL | | | |
| | | | | | | | |
| ALLOCATION OF ENERG | | COSTS | | | | | |
| | | <u>CO313</u> | | | | | |
| ENERGY COST ALLOCATION | | | | | | | |
| Total Energy Cost (from Power | Bills page): | \$677,581 | \$677,581 | <- Verification Total | Variations Due T | o Rounding | |
| | kWh | | | | | | |
| | Billing Units | Percent Allocated | Allocated Dollars \$ | | | | |
| Res./Interdept. (G1): | 5,047,570 | | \$280,812 | | | | |
| Commercial (G2): | 2.328.686 | | \$129,552 | | | | |
| Large Power (G3): | 2,564,436 | | \$142,668 | | | | |
| Industrial (G4): | 2,238,759 | | \$124,549 | | | | |
| | | | | | | | |
| Total: | 12,179,451 | 100.00000% | \$677,581 | <- Verification Total | Variations Due T | o Rounding | |
| Verification Total -> | 12,179,451 | | ======== | | | | |
| | | | | | | | |
| DEMAND COST ALLOCATION | | | | | | | |
| Total Demand Cost (from Powe | r Bills page): | \$455,995 | | <- Verification Total | Variations Due T | o Rounding | |
| | | | ======== | | | | |
| | kW/KVA | Demonst Allerente d | | | | | |
| | Billing Units | | Allocated Dollars \$ | | | | |
| Res./Interdept. (G1): | 7,863 | | \$157,166 | | | | |
| Commercial (G2): | 5,627 | | | | | | |
| Large Power (G3): | 5,149 | | \$102,922 | | | | |
| Industrial (G4): | 4,175 | 18.30052% | \$83,449 | | | | |
| Total: | 22,814 | 100.00000% | \$455,995 | <- Verification Total | - Variations Due T | o Rounding | |
| Verification Total -> | 22,814 | | ======== | | | | |
| | | | | | | | |
| APPLIED GENERATION | & DEMAND COST | IS TO MONTHLY | BILLING RATES | | | | |
| MONTHLY K | WH & DEMAND I | RATE CALCULAT | ION | | | | |
| | | | | | | | |
| <u>MAY, 2014</u> | Allocated | Billing | PWR.RATES | | | | |
| JV's Purchased Cost kWH to | <u>Costs</u> | <u>Units</u> | <u>CHARGED</u> | | | | |
| JV2 Joint Venture Rate (JV2 E | | | \$0.04804 | | | | |
| JV5 Joint Venture Rate (JV5 E | | | \$0.04804 | | | | |
| | | | ψ0.04004 | | | | |
| Generation Charge: | | | | | | | |
| Res./Interdept. (G1): | \$437,978 | | \$0.08677 | | | | |
| Commercial (G2): | \$242,010 | | \$0.10393 | | | | |
| Large Power (G3): | \$142,668 | 2,564,436 | \$0.05563 | | | | |
| Industrial (G4): | \$124,549 | 2,238,759 | \$0.05563 | | | | |
| Demand Charge: | | <u>12,179,451</u> | | | | | |
| Large Power (D1): | \$102,922 | | \$14.36 | | | | |
| Industrial (D2): | \$83,449 | | \$15.02 | | | | |
| | | | ψ.0.0L | | | | |
| Total Billing & Unit Check: | | | | | | | |
| Verification of Billings & Units: | | | <u>Net Costs/kWh</u> | | | | |
| Net Average City Cost of F | | | \$0.08373 | | | | |
| Net Average Customer Cos | t of Billing per kWH fo | or Prior Billing Month: | \$0.09329 | | | | |



| AMERICAN MUNICIPAL | POWER, INC. |
|--------------------|-------------|
|--------------------|-------------|

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

| INVOICE NUMBER: | 181467 |
|-------------------|--------------|
| INVOICE DATE: | 4/15/2014 |
| DUE DATE: | 4/30/2014 |
| TOTAL AMOUNT DUE: | \$949,692.29 |
| CUSTOMER NUMBER: | 5020 |
| CUSTOMER P.O. #: | RG10046 |

Do Not Pay

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 - March, 201 | 4 | Paid by E-Pay American Municipal Pwr, Inc. Ray Merrill |
|--|-----------------------------|--|
| MUNICIPAL PEAK: TOTAL METERED ENERGY: | 22,912 kW 13,754,999 kWh | 614-540-1111 ext. 0914 |
| Total Power Charges: | | \$699,332.13 |
| Total Transmission Charges: | | \$118,907.85 |
| Total Other Charges: | | \$11,452.31 |
| Total Miscellaneous Charges: | | \$120,000.00 |
| | | |

GRAND TOTAL POWER INVOICE: \$949,692.29

**The Total Charges on this invoice may include a credit paid to the Municipal for power supply which was invoiced separately and

DETAIL INFORMATION OF POWER CHARGES March , 2014 Napoleon

| FOR THE MONTH OF: | March, 2014 | | Total Metered Load kWh: Transmission Losses kWh: Distribution Losses kWh: | 13,754,999 -153,755 0 | |
|--|--|---------------------------|--|--------------------------------------|--|
| | | | Total Energy Req. kWh: | 13,601,244 | |
| TIME OF FENTS PEAK: TIME OF MUNICIPAL PEAK: TRANSMISSION PEAK: | 03/03/2014 @ H.E. 20:00 03/04/2014 @ H.E. 09:00 July, 2013 | | COINCIDENT PEAK kW: MUNICIPAL PEAK kW: TRANSMISSION PEAK kW: PJM Capacity Requirement kW: | 22,302 22,912 31,687 32,514 | |
| Napoleon Resources | | | | | |
| AMP CT - Sched @ ATSI | • | | | • | |
| Demand Charge: Transmission Credit: | \$2.218560 \$1.105176 | / kW * / kW * | 12,400 kW = -12,400 kW = | \$27,510.15 -\$13.704.18 | |
| Capacity Credit: | \$0.617856 | / kW * | -12,400 kW = | -\$7,661.41 | |
| Subtotal | #N/A | / kWh * | 0 kWh = | \$6,144.56 | |
| Fremont - sched @ Fremont | | | | | |
| Demand Charge: | \$3.564023 | / kW * | 8,767 kW = | \$31,245.79 | |
| Energy Charge: | \$0.038023 | / kWh * | 4,074,561 kWh = | \$154,926.33 | |
| Net Congestion, Losses, FTR: Capacity Credit: | -\$0.004344 \$0.833026 | / kWh * / kW * | -8.767 kW = | -\$17,700.15 -\$7,303.14 | |
| Debt Service | \$0.833026 \$5.040978 | / kW | -8,767 kW = 8,767 kW | -\$7,303.14 \$44,194.25 | |
| Adjustment for prior month: | \$6.010010 | , | 0,101 101 | -\$107.60 | |
| Subtotal | \$0.050375 | / kWh * | 4,074,561 kWh = | \$205,255.48 | |
| First Energy Remaining Requirement - sched @ A | | | | | |
| Energy Charge: Subtotal | \$0.034950 \$0.034950 | / kWh * / kWh * | 2,056,198 kWh = | \$71,864.12 | |
| JV6 - Sched @ ATSI | \$0.034950 | / KVVN " | 2,056,198 kWh = | \$71,864.12 | |
| Demand Charge: | | | 300 kW | | |
| Energy Charge: | | | 66,749 kWh | | |
| Transmission Credit: | \$0.109300 | / kW * | -300 kW = | -\$32.79 | |
| Capacity Credit: | \$0.055067 | / kW * | -300 kW = | -\$16.52 | |
| Subtotal Prairie State - Sched @ PJMC | -\$0.000739 | / kWh * | 66,749 kWh = | -\$49.31 | |
| Demand Charge: | \$8.918764 | / kW * | 4.976 kW = | \$44,379.77 | |
| Energy Charge: | \$0.005821 | / kWh * | 2,770,300 kWh = | \$16,126.19 | |
| Net Congestion, Losses, FTR: | \$0.019496 | / kWh * | , -, | \$54,009.81 | |
| Capacity Credit: | \$0.700882 | / kW * | -4,976 kW = | -\$3,487.59 | |
| Debt Service | \$23.765816 | / kW | 4,976 kW | \$118,258.70 | |
| Transmission from PSEC to PJM/MISO | \$0.015366 | / kWh | 2,770,300 kWh | \$42,568.61 | |
| Board Approved Rate Levelization Subtotal | \$0.091897 | / kWh * | 2,770,300 kWh = | -\$17,272.43 \$254,583.06 | |
| NYPA - Sched @ NYIS | \$0.001001 | , | 2,110,000 ((11) - | 4204,000.00 | |
| Demand Charge: | \$6.170806 | / kW * | 943 kW = | \$5,819.07 | |
| Energy Charge: | \$0.021806 | / kWh * | 579,829 kWh = | \$12,643.53 | |
| Net Congestion, Losses, FTR: | -\$0.014658 | / kWh * | | -\$8,499.18 | |
| Capacity Credit: Feb 14 NYPA adjustment invoiced Mar/Apr | \$0.840000 | / kW * | -943 kW = | -\$792.12 \$4,802.23 | |
| Adjustment for prior month: | | | | \$4,002.23 \$194.82 | |
| Subtotal | \$0.024435 | / kWh * | 579,829 kWh = | \$14,168.35 | |
| JV5 - 7X24 @ ATSI | | | | | |
| Demand Charge: | | | 3,088 kW | | |
| Energy Charge: | ¢4 200247 | / 1.4.6./ * | 2,297,472 kWh | -\$4,321.09 | |
| Transmission Credit: Capacity Credit: | \$1.399317 \$0.840000 | / kW * / kW * | -3,088 kW = -3,088 kW = | -\$4,321.09 -\$2,593.92 | |
| Subtotal | -\$0.003010 | / kWh * | 2,297,472 kWh = | -\$6,915.01 | |
| JV5 Losses - Sched @ ATSI | | - | , - , | | |
| Energy Charge: | | | 33,261 kWh | | |
| Subtotal | #N/A | / kWh * | 33,261 kWh = | \$0.00 | |
| JV2 - Sched @ ATSI Demand Charge: | | | 264 kW | | |
| Energy Charge: | \$0.039807 | / kWh * | 31 kWh = | \$1.25 | |
| Transmission Credit: | \$0.978598 | / kW * | -264 kW = | -\$258.35 | |
| Capacity Credit: | \$0.737273 | / kW * | -264 kW = | -\$194.64 | |
| Real Time Market Revenue from JV2 Operatio | | / = >=// | | -\$37.13 | |
| Subtotal AMP Solar Phase I - sched @ ATSI | -\$15.568265 | / kWh * | 31 kWh = | -\$488.87 | |
| Demand Charge: | | | 1,040 kW | | |
| Energy Charge: | \$0.085000 | / kWh * | 100,634 kWh = | \$8,553.90 | |
| Transmission Credit: | | | · | -\$126.33 | |
| Subtotal | \$0.083745 | / kWh * | 100,634 kWh = | \$8,427.57 | |
| AMPGS Replacement 2014 5x16 - 5x16 @ AD Demand Charge: | \$0.000170 | | 5,000 kW | \ | |

DETAIL INFORMATION OF POWER CHARGES March , 2014 Napoleon

| Energy Charge: | \$0.070430 | / kWh * | 1,680,000 kWh = | \$118,322.40 |
|---|---------------------|---------|-------------------------|-------------------------|
| Net Congestion, Losses, FTR: | \$0.008960 | / kWh * | | \$15,052.2 ² |
| Subtotal | \$0.079390 | / kWh * | 1,680,000 kWh = | \$133,374.6 |
| AMPGS Replacement 2014 7x24 - 7x24 @ AD | | | | |
| Demand Charge: | | | 1,000 kW | |
| Energy Charge: | \$0.060680 | / kWh * | 744,000 kWh = | \$45,145.92 |
| Net Congestion, Losses, FTR: | \$0.007079 | / kWh * | | \$5,266.76 |
| Subtotal | \$0.067759 | / kWh * | 744,000 kWh = | \$50,412.68 |
| Efficiency Smart Power Plant 2014-2017 | | | | |
| ESPP 2014-2017 obligation @ \$1.400 /MWh x 156,294 | | | | \$18,234.3 [,] |
| Subtotal | #N/A | / kWh * | 0 kWh = | \$18,234.37 |
| Northern Power Pool: | | | | |
| On Peak Energy Charge: (M-F HE 08-23 EDT) | \$0.105723 | / kWh * | 127,491 kWh = | \$13,478.73 |
| Off Peak Energy Charge: | \$0.037244 | / kWh * | 681,110 kWh = | \$25,367.6 ⁴ |
| Sale of Excess Non-Pool Resources to Pool | \$0.058697 | / kWh * | -1,610,393 kWh = | -\$94,525.76 |
| Subtotal | \$0.069444 | / kWh * | -801,792 kWh = | -\$55,679.42 |
| Total Demand Charges: | | | | \$235,717.8 |
| Total Energy Charges: | | | | \$463,614.2 |
| Total Power Charges: | | | 13,601,244 kWh | \$699,332.13 |
| TRANSMISSION CHARGES: | | | | |
| Demand Charge: | \$1.399317 | / kW * | 31,687 kW = | \$44,340.17 |
| Energy Charge: | \$0.003741 | / kWh * | 11,303,772 kWh = | \$42.284.93 |
| RPM (Capacity) Charges: | \$0.992900 | / kW * | 32,514 kW = | \$32,282.75 |
| TOTAL TRANSMISSION CHARGES: | \$0.010519 | / kWh * | 11,303,772 kWh = | \$118,907.8 |
| Dispatch Center Charges: | \$0.000036 | / kWh * | 13,754,999 kWh = | \$491.80 |
| Service Fee Part A, | φ0.000000 | , | 10,101,000 km1 = | φ101.00 |
| Based on Annual Municipal Sales | \$0.000229 | / kWh * | 156,294,126 kWh 1/12 = | \$2,982.6 ² |
| Service Fee Part B. | \$01000 <u>2</u> 20 | , | 100,20 1,120 1.001 1,12 | \$2,002.0 |
| Energy Purchases | \$0.000580 | /kWh * | 13,754,999 kWh = | \$7,977.90 |
| TOTAL OTHER CHARGES: | | | | \$11,452.3 ⁻ |
| | | | | |
| MISCELLANEOUS CHARGES | | | | |
| MISCELLANEOUS CHARGES: Deposit / (Withdraw) from RSF account | | | | \$120,000.00 |

GRAND TOTAL POWER INVOICE:

\$949,692.29

APPENDIX A -Loan Schedule

CITY OF NAPOLEON RATE LEVELIZATION FUND LOAN SCHEDULE

Estimated Annual Interest Rate:

0.00%

| | <u>P</u> | avment from AMP to | М | onthly Interest | | |
|------------------|----------|-----------------------|----|-----------------|------|-----------------------------|
| <u>Month (1)</u> | м | unicipality (2) | | Credit | Accu | mulated Loan <u>Balance</u> |
| Jan-14 | \$ | (190,000.00) | S | | \$ | (190,000.00) |
| Feb-14 | S | (120,000.00) | \$ | - | \$ | (310,000.00) |
| Mar-14 | S | (120,000.00) | S | <u> </u> | S | (430,000.00) |
| Apr-14 | S | (90,000.00) | S | · _ | \$ | (520,000.00) |
| May-14 | \$ | (120,000.00) | \$ | - | \$ | (640,000.00) |
| Jun-14 | S | (120,000.00) | S | - | \$ | (760,000.00) |
| Jul-14 | \$ | (180,000.00) | \$ | - | \$ | (940,000.00) |
| Aug-14 | \$ | (150,000.00) | \$ | - | S | (1,090,000.00) |
| Sep-14 | \$ | (100,000.00) | \$ | - | \$ | (1,190,000.00) |
| Oct-14 | S | (100,000.00) | \$ | - | \$ | (1,290,000.00) |
| Nov-14 | \$ | (100,000.00) | \$ | | S | (1,390,000.00) |
| Dec-14 | \$ | (130,000.00) | \$ | <u>.</u> | \$ | (1,520,000.00) |
| Jan-15 | 5 | (40,000.00) | \$ | | \$ | (1,560,000.00) |
| Feb-15 | S | (10,000.00) | \$ | | \$ | (1,570,000.00) |
| Mar-15 | S | (30,000.00) | S | - 1 | \$ | (1,600,000.00) |
| Apr-15 | S | 50,000.00 | 5 | - | \$ | (1,550,000.00) |
| May-15 | S | 20,000.00 | S | | \$ | (1,530,000.00) |
| Jun-15 | S | 100,000.00 | S | | S | (1,430,000.00) |
| Jul-15 | S | 70,000.00 | 3 | - 2 | \$ | (1,360,000.00) |
| Aug-15 | S | 70,000.00 | 5 | - | \$ | (1,290,000.00) |
| Sep-15 | S | 150,000.00 | 5 | - | \$ | (1,140,000.00) |
| Oct-15 | S | 150,000.00 | 5 | | \$ | (990,000.00) |
| Nov-15 | \$ | 150,000.00 | 5 | - | \$ | (840,000.00) |
| Dec-15 | S | 70,000.00 | S | - | S | (770,000.00) |
| Jan-16 | S | 70,000.00 | S | - 3 | S | (700,000.00) |
| Feb-16 | 5 | 110,000.00 | \$ | - | \$ | (590,000.00) |
| Mar-16 | \$ | 110,000.00 | S | -2 | S | (480,000.00) |
| Apr-16 | 5 | 140,000.00 | S | = | \$ | (340,000.00) |
| May-16 | 5 | 140,000.00 | \$ | =2 | S | (200,000.00) |
| Jun-16 | S | 20,000.00 | S | | S | (180,000.00) |
| Jul-16 | S | 20,000.00 | \$ | - | 5 | (160,000.00) |
| Aug-16 | S | 20,000.00 | S | - | \$ | (140,000.00) |
| Sep-16 | S | 60,000.00 | S | 1 <u>1</u> 1 | \$ | (\$0,000.00) |
| Oct-16 | \$ | 60,000.00 | \$ | | 5 | (20,000.00) |
| Nov-16 | S | 20,000.00 | S | - | \$ | = |
| Dec-16 | S | - | S | - | S | |

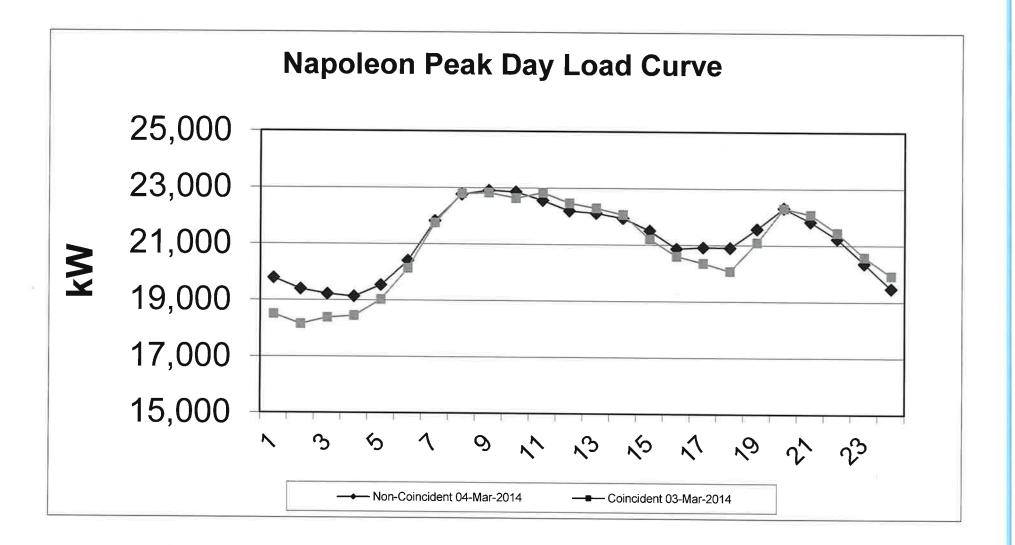
(1) Month means month of power delivery.

(2) Negative means payment from Municipality to AMP

December 2016 payment is estimated. Actual payment will include true-up to fully reimburse AMP for principal and carrying charges.

| Napoleon | Capacity Plan - Actual | | | | | | | | | | |
|----------------------|---------------------------|--------------|--------|------------|---------|--|-----------|-----------|------------------------|--------------------|--------------|
| Mar 201 | 4 ACTU | JAL DEMAND = | 22.912 | MW | | | | | | | |
| Days 31 | | UAL ENERGY = | - | мwн | | | | | | | |
| | | | | 1 | 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 | 809 | 0% | \$0.00 | \$48.04 | \$0 | \$38,846 | \$38,846 | \$48.04 | 4.1% |
| 2 | NPP Pool Sales | 0.00 | -1,610 | 0% | \$0.00 | \$58.70 | \$0 | -\$94,526 | -\$94,526 | \$58.70 | -9.9% |
| 3 | AFEC | 8.77 | 4,075 | 62% | \$7.76 | \$33.68 | \$68,029 | \$137,226 | \$205,255 | \$50.37 | 21.5% |
| 4 | Prairie State | 4.98 | 2,770 | 75% | \$37.07 | \$25.32 | \$184,447 | \$70,136 | \$254,583 | \$91.90 | 26.6% |
| 5 | NYPA - Ohio | 0.94 | 580 | 83% | \$5.33 | \$15.77 | \$5,027 | \$9,141 | \$14,168 | \$24.44 | 1.5% |
| 6 | JV5 | 3.09 | 2,297 | 100% | \$23.53 | \$19.25 | \$72,676 | \$44,224 | \$116,900 | \$50.88 | 12.2% |
| 7 | JV5 Losses | 0.00 | 33 | 0% | \$0.00 | \$0.00 | \$0 | \$0 | \$0 | \$0.00 | 0.0% |
| 8 | JV6 | 0.30 | 67 | 30% | \$16.06 | \$0.00 | \$4,817 | \$0 | \$4,817 | \$72.16 | 0.5% |
| 9 | AMP Solar Phase I | 1.04 | 101 | 13% | -\$0.12 | \$85.00 | -\$126 | \$8,554 | \$8,428 | \$83.74 | 0.9% |
| 10 | AMPGS Replace 7x24 | 1.00 | 744 | 100% | \$0.00 | \$67.76 | \$0 | \$50,413 | \$50,413 | \$67.76 | 5.3% |
| 11 | AMPGS Replace 5x16 | 5,00 | 1,680 | 45% | \$0.00 | \$79.39 | \$0 | \$133,375 | \$133,375 | \$79.39 | 14.0% |
| 12 | FE Requirements 2014-2017 | 0.00 | 2,056 | 0% | \$0.00 | \$34.95 | \$0 | \$71,864 | \$71,864 | \$34.95 | 7.5% |
| 13 | AMPCT | 12.40 | 0 | 0% | \$0.50 | \$0.00 | \$6,145 | \$0 | \$6,145 | \$0.00 | 0.6% |
| 14 | JV2 | 0.26 | 0 | 0% | -\$0.03 | ###################################### | -\$8 | -\$36 | -\$44 | -\$1,415.79 | 0.0% |
| | POWER TOTAL | 37.78 | 13,601 | 48% | | | \$341,006 | \$469,217 | \$810,224 | \$59.57 | 84.8% |
| 15 | Energy Efficiency | | 0 | | \$0.00 | \$0.00 | \$0 | \$18,234 | \$18,234 | \$0.00 | 1.9% |
| 16 | Installed Capacity | 32.51 | | | \$0.99 | | \$32,283 | \$0 | \$32,283 | \$2.35 | 3.4% |
| 17 | TRANSMISSION | 31.69 | 11,304 | | \$1.40 | \$3.74 | \$44,340 | \$42,285 | \$86,625 | \$6.30 | 9.1% |
| 18 | Distribution Charge | 22.91 | | | \$0.00 | \$0.00 | \$0 | \$0 | \$0 | \$0.00 | 0.0% |
| 19 | Service Fee B | | 13,755 | | | \$0.58 | | \$7,978 | \$7,978 | \$0.58 | 0.8% |
| 20 | Dispatch Charge | | 13,755 | 0 | _ | \$0.04 | | \$492 | \$492 | \$0.04 | 0.1% |
| | OTHER TOTAL | | 10.001 | r | _ | | \$76,623 | \$68,989 | \$145,612 | \$10.59 | 15.2% |
| GRAND TOTAL PURCHASE | J | 00.010 | 13,601 | 049/ | | | \$417,629 | \$538,206 | \$955,835 | FC0 40 | 400.0% |
| Delivered to members | | 22.912 | 13,755 | 81% | | | \$417,629 | \$538,206 | \$955,835 | \$69.49 | 100.0% |
| | | DEMAND | ENERGY | L.F. | | | | | TOTAL \$ | \$/MWh | Avg Temp |
| | 2014 Forecast | 23.81 | 13,826 | 78% | | | | | \$864,290 | \$62.51 | 37.6 |
| | 2013 Actual | 23.59 | 13,879 | 79% 78% | | | | | \$934,865 \$990,441 | \$67.36 \$75.49 | 33.4 50.9 |
| | 2012 Actual | 22.59 | 13,121 | / 0% | | | | | Actual Temp | | 28.6 |
| | | | | | | | | | Actual Temp | | 20.0 |

| NAPOLEON | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|---|
| | | Sunday | Monday | Tuesday | | Thursday | Friday | Saturday | Sunday | | Tuesday | | Thursday | Friday | Saturday | |
| Date Hour | 3/1/2014 | 3/2/2014 | 3/3/2014 | 3/4/2014 | 3/5/2014 | 3/6/2014 | 3/7/2014 | 3/8/2014 | 3/9/2014 | 3/10/2014 | 3/11/2014 | 3/12/2014 | 3/13/2014 | 3/14/2014 | 3/15/2014 | |
| 100 | 17,339 | 15,949 | 18,499 | 19,788 | 19.085 | 19,293 | 18,627 | 14,989 | 14,881 | 16,804 | 16.882 | 16,863 | 15,650 | 18,123 | 15.491 | |
| 200 | 16,849 | 15,679 | 18,153 | 19,392 | 18,568 | 18,853 | 18,452 | 14,989 | 14,681 | 16,547 | 16,588 | 16,851 | 15,610 | 17,986 | 15,209 | |
| 300 | 16.632 | 15,358 | 18,383 | 19,219 | 18,353 | 18,660 | 18,628 | 14,626 | 14,424 | 16,445 | 16,471 | 16,735 | 15,585 | 17,826 | 15,136 | |
| 400 | 16,601 | 15,262 | 18,449 | 19,129 | 18,225 | 18,615 | 18,660 | 14,564 | 14,699 | 16,810 | 16,744 | 17,002 | 16,200 | 17,981 | 15,376 | |
| 500 | 16,686 | 15,360 | 19,025 | 19,537 | 18,499 | 19,006 | 18,983 | 14,547 | 14,914 | 17,613 | 17,592 | 17,935 | 17,983 | 18,725 | 15,784 | |
| 600 | 16,951 | 15,714 | 20,139 | 20,400 | 19,541 | 19,883 | 19,980 | 14,818 | 15,392 | 19,270 | 19,083 | 19,267 | 19,397 | 20,136 | 16,305 | |
| 700 | 17,487 | 16,281 | 21,755 | 21,823 | 20,841 | 21,576 | 21,553 | 15,282 | 16,320 | 21,243 | 20,723 | 20,761 | 21,137 | 21,740 | 17,139 | |
| 800 | 17,861 | 16,768 | 22,793 | 22,764 | 21,758 | 22,501 | 22,135 | 15,835 | 16,212 | 21,088 | 20,514 | 20,981 | 22,072 | 21,657 | 17,434 | |
| 900 | 18,442 | 17,306 | 22,822 | 22,912 | 22,128 | 22,801 | 22,033 | 16,816 | 16,287 | 20,929 | 20,453 | 21,354 | 22,010 | 21,634 | 17,740 | |
| 1000 | 19,133 | 17,560 | 22,639 | 22,858 | 22,203 | 22,363 | 21,550 | 17,466 | 16,158 | 20,984 | 20,322 | 21,711 | 21,926 | 21,244 | 17,819 | |
| 1100 | 19,225 | 17,730 | 22,834 | 22,562 | 22,283 | 22,111 | 21,622 | 17,752 | 16,024 | 20,898 | 19,988 | 21,937 | 21,501 | 21,030 | 17,497 | |
| 1200 | 18,701 | 17,641 | 22,468 | 22,192 | 21,748 | 21,519 | 21,166 | 17,447 | 16,056 | 20,636 | 19,867 | 21,500 | 21,444 | 20,460 | 17,035 | |
| 1300 | 18,256 | 17,597 | 22,295 | 22,118 | 21,541 | 21,032 | 20,552 | 16,996 | 15,866 | 20,145 | 19,635 | 19,865 | 21,358 | 20,103 | 16,241 | |
| 1400 1500 | 17,778 | 17,369 | 22,066 | 21,937 | 21,359 | 20,830 | 20,081 | 16,817 | 15,497 | 19,731 | 19,305 | 18,342 | 21,287 | 19,724 | 15,865 | |
| 1600 | 17,107 16,557 | 17,193 17,364 | 21,203 20,597 | 21,503 20,869 | 20,719 20,268 | 19,958 19,649 | 19,258 18,396 | 16,825 16,344 | 15,589 15,585 | 18,860 18,552 | 18,800 18,593 | 17,440 | 20,609 | 18,759 | 15,745 | |
| 1700 | 16,525 | 17,364 | 20,356 | 20,869 | 20,268 | 19,649 | 18,396 | 16,344 | 15,585 | 18,552 | 18,593 | 16,820 17,092 | 20,308 19,818 | 18,291 17,703 | 15,775 15,677 | |
| 1800 | 16,944 | 18,099 | 20,336 | 20,915 | 20,417 | 19,763 | 17,759 | 16,197 | 16,472 | 18,103 | 18,236 | 17,092 | 20,030 | 17,703 | 15,387 | |
| 1900 | 17,935 | 19,302 | 20,078 | 20,505 | 21,202 | 20,617 | 18,427 | 17,114 | 17,341 | 19,037 | 19,203 | 17,158 | 20,030 | 18,213 | 16,020 | |
| 2000 | 18,402 | 20,116 | 22,302 | 22,318 | 21,930 | 21,547 | 19,233 | 17,722 | 18,231 | 20,041 | 19,763 | 18,665 | 21,683 | 19,131 | 17,172 | |
| 2100 | 18,345 | 19,732 | 22,091 | 21,829 | 21,849 | 21,576 | 19,156 | 17,509 | 17,913 | 19,653 | 19,337 | 17,997 | 21,000 | 19,018 | 16,928 | |
| 2200 | 17,821 | 19,497 | 21,445 | 21,230 | 21,375 | 20,927 | 18,784 | 17,025 | 17,563 | 18,463 | 18,396 | 16,911 | 19,910 | 18,017 | 16,302 | |
| 2300 | 17,189 | 18,911 | 20,580 | 20,363 | 19,974 | 19,911 | 17,491 | 16,073 | 17,384 | 17,625 | 17,674 | 16,408 | 18,981 | 16,566 | 15,574 | |
| 2400 | 16,586 | 18,458 | 19,927 | 19,465 | 19,472 | 19,133 | 16,237 | 15,406 | 17,145 | 17,366 | 17,368 | 15,912 | 18,518 | 15,899 | 14,944 | |
| Total | 421,352 | 417,667 | 501,990 | 507,604 | 474,426 | 491,944 | 466,889 | 389,401 | 386,391 | 455,147 | 449,898 | 442,937 | , 474,657 | 457,944 | 389,595 | |
| | | | | | | | | | | | | | | | | |
| \$ | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | Monday |
| Date | Sunday 3/16/2014 | Monday 3/17/2014 | Tuesday 3/18/2014 | | Thursday 3/20/2014 | Friday 3/21/2014 | Saturday 3/22/2014 | Sunday 3/23/2014 | Monday 3/24/2014 | Tuesday 3/25/2014 | Wednesday 3/26/2014 | Thursday 3/27/2014 | Friday 3/28/2014 | Saturday 3/29/2014 | Sunday / 3/30/2014 | Monday 3/31/2014 |
| Date Hour | 3/16/2014 | 3/17/2014 | 3/18/2014 | 3/19/2014 | 3/20/2014 | 3/21/2014 | 3/22/2014 | 3/23/2014 | 3/24/2014 | 3/25/2014 | 3/26/2014 | 3/27/2014 | 3/28/2014 | 3/29/2014 | 3/30/2014 | 3/31/2014 |
| Date Hour 100 | 3/16/2014 14,689 | 3/17/2014 | 3/18/2014 17,879 | 3/19/2014 | 3/20/2014 16,537 | 3/21/2014 16,947 | 3/22/2014 14,430 | 3/23/2014 14,403 | 3/24/2014 17,102 | 3/25/2014 18,146 | 3/26/2014 18,380 | 3/27/2014 16,834 | 3/28/2014 16,316 | 3/29/2014 | 3/30/2014 14,169 | 3/31/2014 15,405 |
| Date Hour | 3/16/2014 | 3/17/2014 | 3/18/2014 17,879 17,916 | 3/19/2014 | 3/20/2014 | 3/21/2014 16,947 16,688 | 3/22/2014 14,430 14,392 | 3/23/2014 14,403 14,258 | 3/24/2014 17,102 16,955 | 3/25/2014 18,146 17,985 | 3/26/2014 18,380 18,137 | 3/27/2014 16,834 16,963 | 3/28/2014 16,316 16,181 | 3/29/2014 14,274 13,839 | 3/30/2014 14,169 13,980 | 3/31/2014 15,405 15,338 |
| Date Hour 100 200 | 3/16/2014 14,689 14,495 14,563 | 3/17/2014 17,768 17,851 | 3/18/2014 17,879 | 3/19/2014 16,823 16,757 | 3/20/2014 16,537 16,632 | 3/21/2014 16,947 | 3/22/2014 14,430 | 3/23/2014 14,403 | 3/24/2014 17,102 16,955 16,866 | 3/25/2014 18,146 | 3/26/2014 18,380 18,137 18,173 | 3/27/2014 16,834 16,963 16,859 | 3/28/2014 16,316 16,181 16,085 | 3/29/2014 14,274 13,839 13,804 | 3/30/2014 14,169 13,980 13,812 | 3/31/2014 15,405 15,338 15,315 |
| Date Hour 100 200 300 | 3/16/2014 14,689 14,495 | 3/17/2014 17,768 17,851 17,756 | 3/18/2014 17,879 17,916 18,018 | 3/19/2014 16,823 16,757 16,360 | 3/20/2014 16,537 16,632 16,681 | 3/21/2014 16,947 16,688 16,530 | 3/22/2014 14,430 14,392 14,332 | 3/23/2014 14,403 14,258 14,186 | 3/24/2014 17,102 16,955 | 3/25/2014 18,146 17,985 17,833 | 3/26/2014 18,380 18,137 | 3/27/2014 16,834 16,963 | 3/28/2014 16,316 16,181 | 3/29/2014 14,274 13,839 | 3/30/2014 14,169 13,980 | 3/31/2014 15,405 15,338 |
| Date Hour 200 300 400 500 600 | 3/16/2014 14,689 14,495 14,563 14,815 | 3/17/2014 17,768 17,851 17,756 18,231 | 3/18/2014 17,879 17,916 18,018 18,285 | 3/19/2014 16,823 16,757 16,360 16,636 | 3/20/2014 16,537 16,632 16,681 17,098 | 3/21/2014 16,947 16,688 16,530 16,841 | 3/22/2014 14,430 14,392 14,332 14,408 | 3/23/2014 14,403 14,258 14,186 14,606 | 3/24/2014 17,102 16,955 16,866 17,560 | 3/25/2014 18,146 17,985 17,833 18,137 | 3/26/2014 18,380 18,137 18,173 18,402 | 3/27/2014 16,834 16,963 16,859 17,302 | 3/28/2014 16,316 16,181 16,085 16,064 | 3/29/2014 14,274 13,839 13,804 13,891 | 3/30/2014 14,169 13,980 13,812 13,879 | 3/31/2014 15,405 15,338 15,315 15,836 |
| Date Hour 200 300 400 500 600 700 | 3/16/2014 14,689 14,495 14,563 14,815 15,236 15,954 16,777 | 3/17/2014 17,768 17,851 17,756 18,231 19,231 21,017 22,693 | 3/18/2014 17,879 17,916 18,018 18,285 19,133 20,749 22,227 | 3/19/2014 16,823 16,757 16,360 16,636 17,445 19,096 21,221 | 3/20/2014 16,537 16,632 16,681 17,098 17,983 19,721 21,491 | 3/21/2014 16,947 16,688 16,530 16,841 17,668 19,667 21,376 | 3/22/2014 14,430 14,392 14,332 14,408 14,841 | 3/23/2014 14,403 14,258 14,186 14,606 14,935 | 3/24/2014 17,102 16,955 16,866 17,560 18,567 | 3/25/2014 18,146 17,985 17,833 18,137 18,990 | 3/26/2014 18,380 18,137 18,173 18,402 19,137 | 3/27/2014 16,834 16,963 16,859 17,302 17,997 | 3/28/2014 16,316 16,181 16,085 16,064 16,739 | 3/29/2014 14,274 13,839 13,804 13,891 14,231 | 3/30/2014 14,169 13,980 13,812 13,879 14,239 | 3/31/2014 15,405 15,338 15,315 15,836 16,946 |
| Date Hour 100 200 300 400 500 600 700 800 | 3/16/2014 14,689 14,495 14,563 14,815 15,236 15,954 16,777 16,959 | 3/17/2014 17,768 17,851 17,756 18,231 19,231 21,017 22,693 22,539 | 3/18/2014 17,879 17,916 18,018 18,285 19,133 20,749 22,227 21,925 | 3/19/2014 16,823 16,757 16,360 16,636 17,445 19,096 21,221 21,338 | 3/20/2014 16,537 16,632 16,681 17,983 19,721 21,491 21,381 | 3/21/2014 16,947 16,688 16,530 16,841 17,668 19,667 21,376 21,376 21,020 | 3/22/2014 14,430 14,392 14,32 14,408 14,841 15,288 16,417 16,833 | 3/23/2014 14,403 14,258 14,186 14,606 14,935 15,636 16,329 16,306 | 3/24/2014 17,102 16,955 16,866 17,560 18,567 20,406 22,308 22,241 | 3/25/2014 18,146 17,985 17,833 18,137 18,990 20,676 22,473 22,387 | 3/26/2014 18,380 18,137 18,173 18,402 19,137 20,907 22,194 22,047 | 3/27/2014 16,834 16,963 16,859 17,302 17,997 19,838 21,315 20,788 | 3/28/2014 16,316 16,181 16,085 16,064 16,739 18,125 19,782 19,782 | 3/29/2014 14,274 13,839 13,804 13,891 14,231 14,662 15,795 16,477 | 3/30/2014 14,169 13,980 13,812 13,879 14,239 14,746 15,306 15,409 | 3/31/2014 15,405 15,338 15,315 15,836 16,946 18,598 20,150 20,070 |
| Date Hour 200 300 400 500 600 700 800 900 | 3/16/2014 14,689 14,495 14,563 14,815 15,236 15,954 16,777 16,959 17,495 | 3/17/2014 17,768 17,851 17,756 18,231 19,231 21,017 22,693 22,539 22,791 | 3/18/2014 17,879 17,916 18,018 18,285 19,133 20,749 22,227 21,925 21,955 | 3/19/2014 16,823 16,757 16,360 16,636 17,445 19,096 21,221 21,338 20,925 | 3/20/2014 16,537 16,632 16,681 17,983 19,721 21,491 21,381 21,283 | 3/21/2014 16,947 16,688 16,530 16,841 17,668 19,667 21,376 21,376 21,020 20,874 | 3/22/2014 14,430 14,392 14,332 14,408 14,841 15,288 16,417 16,833 17,256 | 3/23/2014 14,403 14,258 14,186 14,606 14,935 15,636 16,329 16,306 16,390 | 3/24/2014 17,102 16,955 16,866 17,560 18,567 20,406 22,308 22,241 22,086 | 3/25/2014 18,146 17,985 17,833 18,137 18,990 20,676 22,473 22,387 22,523 | 3/26/2014 18,380 18,137 18,173 18,402 19,137 20,907 22,194 22,047 21,794 | 3/27/2014 16,834 16,963 16,859 17,302 17,997 19,838 21,315 20,788 20,646 | 3/28/2014 16,316 16,181 16,085 16,064 16,739 18,125 19,782 19,782 19,782 | 3/29/2014 14,274 13,839 13,804 13,891 14,231 14,662 15,795 16,477 17,326 | 3/30/2014 14,169 13,980 13,812 13,879 14,239 14,746 15,306 15,409 15,788 | 3/31/2014 15,405 15,338 15,315 15,836 16,946 18,598 20,150 20,070 19,799 |
| Date Hour 200 300 400 500 600 700 800 900 1000 | 3/16/2014 14,689 14,495 14,563 14,815 15,236 15,954 16,959 17,495 17,590 | 3/17/2014 17,768 17,851 17,756 18,231 19,231 21,017 22,693 22,539 22,791 22,812 | 3/18/2014 17,879 17,916 18,018 18,285 19,133 20,749 22,227 21,925 21,557 21,410 | 3/19/2014 16,823 16,757 16,360 16,636 17,445 19,096 21,221 21,338 20,925 21,170 | 3/20/2014 16,537 16,632 16,681 17,983 19,721 21,491 21,381 21,283 21,317 | 3/21/2014 16,947 16,688 16,530 16,841 17,668 19,667 21,376 21,020 20,874 21,063 | 3/22/2014 14,430 14,392 14,332 14,408 14,841 15,288 16,417 16,833 17,256 17,731 | 3/23/2014 14,403 14,258 14,186 14,606 14,935 15,636 16,329 16,306 16,590 16,686 | 3/24/2014 17,102 16,955 16,866 17,560 18,567 20,406 22,308 22,241 22,086 22,049 | 3/25/2014 18,146 17,985 17,833 18,137 18,990 20,676 22,473 22,387 22,523 22,735 | 3/26/2014 18,380 18,137 18,173 18,402 19,137 20,907 22,194 22,047 21,794 21,647 | 3/27/2014 16,834 16,963 16,859 17,302 17,997 19,838 21,315 20,788 20,646 21,261 | 3/28/2014 16,316 16,181 16,085 16,064 16,739 18,125 19,782 19,782 19,782 19,786 19,941 | 3/29/2014 14,274 13,839 13,804 13,891 14,231 14,662 15,795 16,477 17,326 17,896 | 3/30/2014 14,169 13,980 13,812 13,879 14,239 14,746 15,306 15,409 15,788 15,674 | 3/31/2014 15,405 15,338 15,315 15,836 16,946 18,598 20,150 20,070 19,799 19,718 |
| Date Hour 200 300 400 500 600 700 800 900 1000 1100 | 3/16/2014 14,689 14,495 14,563 14,815 15,236 15,954 16,777 16,959 17,495 17,590 17,590 17,641 | 3/17/2014 17,768 17,851 17,756 18,231 19,231 21,017 22,693 22,539 22,791 22,812 22,475 | 3/19/2014 17,879 17,916 18,018 18,285 19,133 20,749 22,227 21,925 21,557 21,410 20,851 | 3/19/2014 16,823 16,757 16,360 16,636 17,445 19,096 21,221 21,338 20,925 21,170 21,037 | 3/20/2014 16,537 16,632 16,681 17,988 17,988 19,721 21,491 21,381 21,283 21,317 21,152 | 3/21/2014 16,947 16,688 16,530 16,841 17,668 19,667 21,376 21,020 20,874 21,063 21,063 21,036 | 3/22/2014 14,430 14,392 14,332 14,408 14,841 15,288 16,417 16,833 17,256 17,731 17,655 | 3/23/2014 14,403 14,258 14,186 14,606 14,935 15,636 16,329 16,306 16,590 16,686 16,712 | 3/24/2014 17,102 16,955 16,866 17,560 18,567 20,406 22,308 22,241 22,088 22,049 21,718 | 3/25/2014 18,146 17,985 17,833 18,137 18,990 20,676 22,473 22,387 22,523 22,735 22,735 22,409 | 3/26/2014 18,380 18,137 18,173 18,402 19,137 20,907 22,194 22,047 21,794 21,647 21,647 21,405 | 3/27/2014 16,834 16,963 16,859 17,302 17,907 19,838 21,315 20,788 20,646 21,261 21,226 | 3/28/2014 16,316 16,181 16,085 16,064 16,739 18,125 19,782 19,782 19,782 19,782 19,941 19,941 | 3/29/2014 14,274 13,839 13,804 13,891 14,231 14,652 15,795 16,477 17,326 17,786 18,018 | 3/30/2014 14,169 13,980 13,812 13,879 14,239 14,746 15,306 15,409 15,788 15,674 15,685 | 3/31/2014 15,405 15,338 15,315 15,836 16,946 18,598 20,150 20,070 19,799 19,718 19,192 |
| Date Hour 200 300 400 500 600 700 800 900 1000 1100 1200 | 3/16/2014 14,689 14,495 14,563 14,815 15,236 15,954 16,959 17,495 17,590 17,641 17,610 | 3/17/2014 17,768 17,851 17,756 18,231 19,231 21,017 22,693 22,539 22,791 22,812 22,475 22,147 | 3/19/2014 17,879 17,916 18,018 18,285 19,133 20,749 22,227 21,925 21,557 21,410 20,851 20,594 | 3/19/2014 16,823 16,757 16,360 16,636 17,445 19,096 21,221 21,338 20,925 21,170 21,037 20,889 | 3/20/2014 16,537 16,632 16,681 17,098 17,983 19,721 21,491 21,381 21,381 21,317 21,152 20,825 | 3/21/2014 16,947 16,688 16,530 16,841 17,668 19,667 21,376 21,020 20,874 21,020 20,874 21,036 20,441 | 3/22/2014 14,430 14,392 14,332 14,408 14,841 15,288 16,417 16,833 17,256 17,731 17,655 17,283 | 3/23/2014 14,403 14,258 14,186 14,606 14,935 15,636 16,329 16,306 16,590 16,686 16,712 16,855 | 3/24/2014 17,102 16,955 16,866 17,560 18,567 20,406 22,308 22,241 22,049 21,718 21,617 | 3/25/2014 18,146 17,985 17,833 18,137 18,990 20,676 22,473 22,387 22,523 22,735 22,409 21,888 | 3/26/2014 18,380 18,137 18,173 18,402 19,137 20,907 22,194 22,047 21,794 21,647 21,405 20,917 | 3/27/2014 16,834 16,963 16,859 17,302 17,997 19,838 21,315 20,788 20,646 21,261 21,226 20,936 | 3/28/2014 16,316 16,181 16,085 16,064 16,739 18,125 19,782 19,782 19,941 19,910 19,758 | 3/29/2014 14,274 13,839 13,804 13,891 14,231 14,652 15,795 16,477 17,326 17,896 18,018 17,612 | 3/30/2014 14,169 13,980 13,812 13,879 14,239 14,746 15,306 15,409 15,788 15,674 15,685 15,477 | 3/31/2014 15,405 15,338 15,315 15,836 16,946 18,598 20,150 20,070 19,799 19,718 19,192 18,573 |
| Date Hour 200 300 400 500 600 700 800 900 1000 1100 1200 1300 | 3/16/2014 14,689 14,495 14,563 14,815 15,236 15,954 16,959 17,495 17,590 17,641 17,610 17,165 | 3/17/2014 17,768 17,851 17,756 18,231 19,231 21,017 22,693 22,791 22,812 22,475 22,147 21,636 | 3/19/2014 17,879 17,916 18,018 18,285 19,133 20,749 22,227 21,925 21,557 21,410 20,851 20,594 20,513 | 3/19/2014 16,823 16,757 16,360 16,636 17,445 19,096 21,221 21,338 20,925 21,170 21,037 20,889 20,951 | 3/20/2014 16,537 16,632 16,681 17,098 17,983 19,721 21,491 21,381 21,283 21,317 21,152 20,826 20,449 | 3/21/2014 16,947 16,688 16,530 16,841 17,668 19,667 21,376 21,376 20,874 21,063 20,874 21,063 21,036 20,874 21,063 | 3/22/2014 14,430 14,392 14,332 14,408 14,841 15,288 16,417 16,833 17,256 17,731 17,655 17,283 17,085 | 3/23/2014 14,403 14,258 14,186 14,606 14,935 15,636 16,329 16,306 16,590 16,686 16,712 16,855 16,780 | 3/24/2014 17,102 16,955 16,866 17,560 18,567 20,406 22,308 22,241 22,086 22,049 21,718 21,617 21,329 | 3/25/2014 18,146 17,985 17,833 18,137 18,990 20,676 22,473 22,582 22,735 22,523 22,735 22,409 21,888 21,632 | 3/26/2014 18,380 18,137 18,173 18,402 19,137 20,907 22,194 22,047 21,794 21,647 21,647 21,647 21,647 20,917 21,009 | 3/27/2014 16,834 16,963 16,859 17,302 17,997 19,838 21,315 20,788 20,646 21,281 21,226 20,936 20,627 | 3/28/2014 16,316 16,181 16,085 16,064 16,739 18,125 19,782 19,782 19,786 19,941 19,910 19,758 19,726 | 3/29/2014 14,274 13,839 13,804 13,891 14,231 14,662 15,795 16,477 17,326 17,896 18,018 17,612 17,453 | 3/30/2014 14,169 13,980 13,812 13,879 14,239 14,746 15,306 15,409 15,788 15,674 15,685 15,477 15,091 | 3/31/2014 15,405 15,338 15,315 15,836 16,946 18,598 20,150 20,070 19,799 19,718 19,192 18,573 18,428 |
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| Date Hour 200 300 400 500 600 700 800 900 1000 1100 1200 1200 1300 1400 | 3/16/2014 14,689 14,495 14,563 14,815 15,236 15,954 16,959 17,495 17,590 17,641 17,610 17,165 16,935 17,197 | 3/17/2014 17,768 17,851 17,756 18,231 21,017 22,693 22,539 22,791 22,812 22,475 22,147 21,636 21,165 20,140 19,779 | 3/19/2014 17,879 17,916 18,018 18,285 19,133 20,749 22,227 21,925 21,557 21,410 20,851 20,594 20,313 19,875 19,224 18,935 | 3/19/2014 16,823 16,757 16,360 16,636 17,445 19,096 21,221 21,338 20,925 21,170 21,037 20,889 20,951 20,001 19,926 | 3/20/2014 16,537 16,632 16,681 17,098 17,983 19,721 21,491 21,381 21,283 21,317 21,152 20,825 20,449 19,701 19,124 18,817 | 3/21/2014 16,947 16,688 16,530 16,841 17,668 19,667 21,376 21,020 20,874 21,066 20,474 21,066 20,441 20,109 19,386 18,408 18,408 | 3/22/2014 14,430 14,392 14,332 14,408 14,841 15,288 16,417 16,833 17,256 17,731 17,655 17,283 17,085 16,773 16,090 15,909 | 3/23/2014 14,403 14,258 14,186 14,935 15,636 16,329 16,306 16,590 16,686 16,712 16,855 16,780 16,118 16,086 16,323 | 3/24/2014 17,102 16,955 16,866 17,560 18,567 20,406 22,308 22,241 22,086 22,049 21,718 21,617 21,329 20,980 20,365 19,838 | 3/25/2014 18,146 17,985 17,833 18,137 18,990 20,676 22,473 22,387 22,523 22,735 22,409 21,888 21,632 20,811 20,611 20,524 | 3/26/2014 18,380 18,137 18,173 18,402 19,137 20,907 22,194 22,047 21,794 21,647 21,794 21,647 21,009 20,423 19,734 19,187 | 3/27/2014 16,834 16,963 16,859 17,302 17,997 19,838 21,315 20,788 20,646 21,261 21,226 20,936 20,627 20,521 20,162 | 3/28/2014 16,316 16,181 16,085 16,064 16,739 18,125 19,782 19,782 19,786 19,941 19,910 19,758 19,726 19,440 18,324 17,986 | 3/29/2014 14,274 13,839 13,804 13,891 14,231 14,662 15,795 16,477 17,326 17,896 18,018 17,612 17,453 16,625 16,424 | 3/30/2014 14,169 13,980 13,812 13,879 14,239 14,746 15,306 15,409 15,788 15,674 15,685 15,477 15,091 14,577 14,591 | 3/31/2014 15,405 15,338 15,315 15,836 16,946 18,598 20,150 20,070 19,799 19,718 19,192 18,573 18,428 18,136 17,534 17,534 |
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| Date Hour 100 200 300 400 500 600 700 800 900 1000 1200 1200 1300 1400 1500 1600 1500 1600 1800 1900 2000 2100 2200 | 3/16/2014 14,689 14,495 14,563 14,815 15,236 15,954 17,495 17,495 17,690 17,610 17,165 16,992 16,935 17,197 16,935 17,197 16,935 17,197 16,923 17,155 18,199 19,322 19,010 18,348 | 3/17/2014 17,768 17,851 17,756 18,231 19,231 21,017 22,693 22,791 22,812 22,475 22,147 21,636 21,165 20,140 19,779 19,344 19,399 19,846 21,162 | 3/19/2014 17,879 17,916 18,018 18,285 19,133 20,749 22,227 21,925 21,557 21,410 20,851 20,594 20,313 19,875 19,224 18,935 18,492 18,491 19,194 20,329 19,673 18,530 | 3/19/2014 16,823 16,757 16,360 16,636 17,445 19,096 21,221 21,338 20,925 21,170 21,037 20,889 20,951 20,335 20,001 19,514 19,702 20,030 20,0389 | 3/20/2014 16,537 16,632 16,681 17,098 17,983 19,721 21,381 21,381 21,381 21,381 21,381 21,317 21,152 20,825 20,449 19,701 19,124 18,817 18,278 18,296 18,457 19,457 18,453 | 3/21/2014 16,947 16,688 16,530 16,841 17,668 19,667 21,376 21,020 20,874 21,036 20,441 20,109 19,386 18,408 18,107 17,412 17,083 17,413 18,614 18,332 17,148 | 3/22/2014 14,430 14,392 14,332 14,408 14,841 15,288 16,417 16,833 17,256 17,731 17,655 17,283 17,085 16,773 16,970 15,909 15,740 15,878 16,890 | 3/23/2014 14,403 14,258 14,186 14,935 15,636 16,329 16,686 16,590 16,686 16,590 16,686 16,712 16,855 16,780 16,118 16,086 16,323 16,466 16,697 17,247 18,437 | 3/24/2014 17,102 16,955 16,866 17,560 18,567 20,406 22,308 22,241 22,049 21,718 21,617 21,329 20,980 20,365 19,838 19,561 19,561 19,774 20,825 | 3/25/2014 18,146 17,985 17,833 18,137 18,990 20,676 22,473 22,523 22,735 22,409 21,888 21,632 20,811 20,611 20,614 20,631 20,624 20,137 20,024 20,393 21,666 | 3/26/2014 18,380 18,137 18,173 18,402 19,137 20,907 22,194 22,047 21,794 21,647 21,647 21,009 20,423 19,734 19,187 18,708 18,612 18,906 20,183 | 3/27/2014 16,834 16,963 16,859 17,302 17,997 19,838 20,788 20,646 21,261 21,226 20,936 20,627 20,521 20,146 19,795 19,433 19,433 20,089 | 3/28/2014 16,316 16,181 16,085 16,064 16,739 18,125 19,782 19,782 19,786 19,941 19,910 19,758 19,726 19,440 18,324 17,567 17,402 17,490 18,533 | 3/29/2014 14,274 13,839 13,804 13,891 14,231 14,662 15,795 16,477 17,326 17,896 18,018 17,612 17,453 16,925 16,424 16,298 16,134 16,025 17,131 | 3/30/2014 14,169 13,980 13,812 13,879 14,239 14,239 14,746 15,306 15,409 15,788 15,674 15,685 15,477 15,091 14,577 14,591 14,600 14,464 14,445 14,538 15,947 | 3/31/2014 15,405 15,338 15,315 15,836 16,946 18,598 20,150 20,070 19,799 19,718 19,192 18,573 18,428 18,136 17,534 17,424 17,032 16,898 17,063 18,277 |
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| Omega Joint Venture Two | INVOICE NUMBER: | 181310 |
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| 1111 Schrock Rd, Suite 100 | INVOICE DATE: | 4/5/2014 |
| COLUMBUS, OHIO 43229 | DUE DATE: | 4/15/2014 |
| PHONE: (614) 540-1111 | TOTAL AMOUNT DUE: | \$445.00 |
| FAX: (614) 540-1078 | CUSTOMER NUMBER: | 5020 |
| | CUSTOMER P.O. #: | |
| City of Napoleon Gregory J. Heath. Finance Director | PLEASE WRITE INVOICE NUMBER ON | |

City of 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

| <u>OMEGA JV2 POWER INVOICE -</u> | <u>March, 2014</u> | | | | Americ | Do Not Pay Paid by E-Pay can Municipal PWR Inc Ray Merrill 614-540-0914 | |
|---|--------------------|----|---|--------|--------|---|----------------------------|
| FIXED RATE CHARGE: | 264 | kW | * | \$1.67 | / kW = | | \$440.59 |
| ENERGY CHARGE: SERVICE FEES: Fuel Costs that were not recovered through Ene | 0 | | | | | = | \$0.00 \$0.00 \$4.41 |

TOTAL CHARGES

\$445.00

| COMEGA JV5 | | INVOICE NUMBER: | 181373 |
|---|---|-------------------------|-------------|
| OHIO MUNICIPAL ELECTRIC GENERATING ASSOCIATION | | INVOICE DATE: | 4/1/2014 |
| 1111 Schrock Rd, Suite 100 Columbus, Ohio 43229 Phone: (614) 540-1111 | Do Not Pay Paid by E-Pay American Municipal PWR Inc | DUE DATE: | 4/21/2014 |
| Fax: (614) 540-1078 | Ray Merrill 614-540-0914 | TOTAL AMOUNT DUE: | \$59,306.52 |
| | | CUSTOMER NUMBER: | 5020 |
| City of Napol Gregory J. Hea | eon th, Finance Director | CUSTOMER P.O. NUMBER: | BL980397 |
| 255 W. Rivervi Napoleon, Ohio | ew Ave., P.O. Box 151 o 43545-0151 | MAKE CHECKS PAYABLE TO: | OMEGA JV5 |

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

FOR THE MONTH/YEAR OF: March, 2014

DEMAND CHARGES:

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

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

SUB-TOTAL

\$59,306.52

Total OMEGA JV5 Invoice:

\$59,306.52

| COMEGAJV5 OHIO MUNICIPAL ELECTRIC GENERATING ASSOCIATION 1111 Schrock Rd, Suite 100 Columbus, Ohio 43229 Phone: (614) 540-1111 Fax: (614) 540-1078 | Do Not Pay Paid by E-Pay American Municipal PWR Ind | INVOICE | | | 181415 4/1/2014 4/21/2014 \$64,508.32 |
|--|---|-----------------------|-------------------|------------|--|
| | | CUSTO | MER NUMBER: | | 5020 |
| City of Napo | | CUSTON | MER P.O. NUMBER: | | BL980397 |
| 0, | ath, Finance Director iew Ave., P.O. Box 151 o 43545-0151 | MAKE C | HECKS PAYABLE TO: | OME | GA JV5 |
| | | E WRITE INVOICE NUMBE | | | |
| Debt Service - OMEGA JV5 | | ETORN TELLOW INVOICE | | | |
| FOR THE MONTH/YEAR OF: | <u>April, 2014</u> | | | | |
| Financing CHARGES: Debt Service | \$20 |).890000 | / kW * | 3,088 kW = | \$64,508.32 |

| COMEGA JV5 | | INVOICE NUMBER: | 181373 |
|---|---|-------------------------|-------------|
| OHIO MUNICIPAL ELECTRIC GENERATING ASSOCIATION | | INVOICE DATE: | 4/1/2014 |
| 1111 Schrock Rd, Suite 100 Columbus, Ohio 43229 Phone: (614) 540-1111 | Do Not Pay Paid by E-Pay American Municipal PWR Inc | DUE DATE: | 4/21/2014 |
| Fax: (614) 540-1078 | Ray Merrill 614-540-0914 | TOTAL AMOUNT DUE: | \$59,306.52 |
| | | CUSTOMER NUMBER: | 5020 |
| City of Napol Gregory J. Hea | eon th, Finance Director | CUSTOMER P.O. NUMBER: | BL980397 |
| 255 W. Rivervi Napoleon, Ohio | ew Ave., P.O. Box 151 o 43545-0151 | MAKE CHECKS PAYABLE TO: | OMEGA JV5 |

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

FOR THE MONTH/YEAR OF: March, 2014

DEMAND CHARGES:

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

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

SUB-TOTAL

\$59,306.52

Total OMEGA JV5 Invoice:

\$59,306.52

| COMEGAJV5 OHIO MUNICIPAL ELECTRIC GENERATING ASSOCIATION 1111 Schrock Rd, Suite 100 Columbus, Ohio 43229 Phone: (614) 540-1111 Fax: (614) 540-1078 | Do Not Pay Paid by E-Pay American Municipal PWR Ind | INVOICE | | | 181415 4/1/2014 4/21/2014 \$64,508.32 |
|--|---|-----------------------|-------------------|------------|--|
| | | CUSTO | MER NUMBER: | | 5020 |
| City of Napo | | CUSTON | MER P.O. NUMBER: | | BL980397 |
| 0, | ath, Finance Director iew Ave., P.O. Box 151 o 43545-0151 | MAKE C | HECKS PAYABLE TO: | OME | GA JV5 |
| | | E WRITE INVOICE NUMBE | | | |
| Debt Service - OMEGA JV5 | | ETORN TELLOW INVOICE | | | |
| FOR THE MONTH/YEAR OF: | <u>April, 2014</u> | | | | |
| Financing CHARGES: Debt Service | \$20 |).890000 | / kW * | 3,088 kW = | \$64,508.32 |



AMERICAN MUNICIPAL POWER, INC.

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

| INVOICE NUMBER: | 181296 |
|-------------------|------------|
| INVOICE DATE: | 4/1/2014 |
| DUE DATE: | 4/15/2014 |
| TOTAL AMOUNT DUE: | \$1,334.86 |
| CUSTOMER NUMBER: | 5020 |
| | |

CUSTOMER P.O. #:

City of Napoleon

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

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

| <u>Omega JV6</u> Project Capacity: Year 2014 | 300 kW | | Do Not Pay Paid by E-Pay American Municipal PWR Inc Ray Merrill 614-540-0914 |
|--|--------------------------|----------------|--|
| Electric Fixed 30 | 0 Kw * 4.45 per kW-Month | | Total |
| AMOUNT DUE FOR : | April, 2014 - | Electric Fixed | \$1,334.86 |

TOTAL CHARGES

\$1,334.86

| BILLING DETERMINAN | ITS fo | r BILL | ING CYCI | <u>E - MA</u> | Y <u>. 2014</u> | | | | | | | | | | |
|--|------------|--------|-------------|--------------------|-----------------|----------------|----------------|--------|-------------|-----------------------|---------------|--------|-------------|----------------|----------------|
| MAY, 2014 | | | | | | | | | | | | | | | |
| 2014 - MAY BILLING WITH APRIL 201 | 4 DATA B | · | NITS | | | | | | | | | | | | |
| | | Apr-14 | | | | | Cost / kWH | May-13 | | | | Jun-13 | | | |
| Class and/or | Rate | # of | Apr-14 | Apr-14 | Billed kVa | Cost / kWH | Prior 12 Mo | # of | May-13 | May-13 | Cost / kWH | # of | Jun-13 | Jun-13 | Cost / kWH |
| Schedule | Code | Bills | (kWh Usage) | Billed | of Demand | For Month | Average | Bills | (kWh Usage) | Billed | For Month | Bills | (kWh Usage) | Billed | For Month |
| Residential (Dom-In) | E1 | 3,339 | 2,203,437 | \$215,125.61 | 0 | \$0.0976 | \$0.1093 | 3,337 | 2,097,825 | \$219,312.32 | \$0.1045 | 3,325 | 1,765,993 | \$190,084.46 | \$0.1076 |
| Residential (Dom-In) w/Ecosmart | E1E | 10 | | \$474.70 | 0 | \$0.1014 | \$0.1110 | 11 | 5,729 | \$610.25 | \$0.1065 | 11 | 5,045 | \$552.04 | \$0.1094 |
| Residential (Dom-In - All Electric) | E2 | 605 | 747,599 | \$69,791.66 | 0 | \$0.0934 | \$0.1062 | 613 | 641,136 | \$64,572.38 | \$0.1007 | 615 | 413,084 | \$43,487.63 | \$0.1053 |
| Res.(Dom-In - All Elec.) w/Ecosmart | E2E | 1 | 504 | \$50.63 | 0 | \$0.1005 | \$0.1110 | 1 | 530 | \$56.35 | \$0.1063 | 1 | 553 | \$59.28 | \$0.1072 |
| | | | | | | | | | | | | | | | |
| Total Residential (Domestic) | | 3,955 | 2,956,223 | \$285,442.60 | 0 | \$0.0966 | \$0.1087 | 3,962 | 2,745,220 | \$284,551.30 | \$0.1037 | 3,952 | 2,184,675 | \$234,183.41 | \$0.1072 |
| · · · | | | | | | | | | | | 1 | | | | |
| Residential (Rural-Out) | ER1 | 740 | 863,514 | \$87,869.22 | 0 | \$0.1018 | \$0.1147 | 734 | 719,208 | \$79,029.09 | \$0,1099 | 736 | 602,361 | \$68,227.84 | \$0.1133 |
| Residential (Rural-Out) w/Ecosmart | ER1E | 4 | | \$298.35 | 0 | \$0.1077 | | 4 | 2,425 | \$281.94 | | 4 | 2,177 | \$260.10 | |
| Residential (Rural-Out - All Electric) | ER2 | 385 | | \$61,875.34 | 0 | \$0.0993 | | 388 | 498,799 | \$53,592,14 | | 387 | 389,087 | \$43,185,77 | |
| Res. (Rural-Out - All Electric) w/Ecosma | | 2 | | \$279.42 | 0 | \$0.1004 | \$0.1148 | 2 | | \$264.95 | | 2 | 1,394 | \$160.85 | \$0.1154 |
| Residential (Rural-Out w/Dmd) | ER3 | 14 | | \$2,846.46 | 164 | \$0.0979 | | 15 | | \$1,935.64 | | 15 | 20,251 | \$2,193.46 | |
| Residential (Rural-Out - All Electric w/Dm | | 9 | | | 69 | \$0.0999 | | 15 | 10,191 | | | 9 | 8,961 | \$995.26 | |
| nesidential (nura-Out - All Electric W/Dff | LN4 | 9 | 13,299 | \$1,329.20 | 69 | 40.0999 | φυ.ττΙΟ | 9 | 10,191 | \$1,105.78 | φυ.1085 | 9 | 0,901 | \$990.20 | φυ.ιιιΙ |
| Total Residential (Rural) | | 1,154 | 1,534,343 | \$154,497.99 | 233 | \$0.1007 | \$0.1137 | 1,152 | 1,251,007 | \$136,209.54 | \$0.1089 | 1,153 | 1,024,231 | \$115,023.28 | \$0.1123 |
| rotai nesiuelittai (Kural) | | 1,154 | 1,534,343 | φ104,497.99 | 233 | | φU.1137 | 1,152 | 1,251,007 | ຈາວ0,∠09.54 | au.1089 | 1,153 | 1,024,231 | φ115,023.28 | φ∪.1123 |
| Commorpial (1 Bh In No Dood) | EC2 | 70 | 47.100 | ØF 404 00 | ~~ | 0 1150 | ¢0.1075 | 74 | 00.077 | ØF 0.44 00 | ¢0 1000 | 70 | 00.051 | ØE 464 00 | ¢0 1040 |
| Commercial (1 Ph-In - No Dmd) | - | 73 | | \$5,464.82 | 25 | \$0.1159 | | 74 | 39,977 | \$5,341.20 | | 73 | 38,351 | \$5,151.02 | |
| Commercial (1 Ph-Out - No Dmd) | EC2O | 41 | 1 | \$1,914.47 | 0 | \$0.1312 | \$0.1532 | 40 | 12,208 | \$1,840.55 | \$0.1508 | 40 | 11,514 | \$1,765.50 | \$0.1533 |
| | | | | | | | | | | | | | | | |
| Total Commercial (1 Ph) No Dmd | | 114 | 61,761 | \$7,379.29 | 25 | \$0.1195 | \$0.1413 | 114 | 52,185 | \$7,181.75 | \$0.1376 | 113 | 49,865 | \$6,916.52 | \$0.1387 |
| | | | | | | | | | | | | | | | |
| Commercial (1 Ph-In - w/Demand) | EC1 | 266 | 328,206 | \$37,066.22 | 1720 | \$0.1129 | \$0.1339 | 264 | 336,852 | \$42,423.48 | \$0.1259 | 265 | 299,825 | \$39,112.08 | \$0.1304 |
| Commercial (1 Ph-Out - w/Demand) | EC1O | 25 | 46,109 | \$4,902.12 | 208 | \$0.1063 | \$0.1309 | 25 | 38,246 | \$4,721.23 | \$0.1234 | 25 | 32,186 | \$4,099.52 | \$0.1274 |
| | | | | | | | | | | | | | | | |
| Total Commercial (1 Ph) w/Demand | | 291 | 374,315 | \$41,968.34 | 1,928 | \$0.1121 | \$0.1336 | 289 | 375,098 | \$47.144.71 | \$0.1257 | 290 | 332,011 | \$43,211.60 | \$0.1302 |
| , | | | | . , | , | | | | , | • , | | | ,- | , | |
| Commercial (3 Ph-Out - No Dmd) | EC4O | 2 | 80 | \$43.80 | 6 | \$0.5475 | \$0.1351 | 2 | 0 | \$36.00 | \$0.0000 | 2 | 40 | \$40.46 | \$1.0115 |
| Commercial (ST H-Out - No Bind) | 2040 | | 00 | φ+0.00 | | ψ0.5475 | φ0.1001 | | | φ00.00 | φ0.0000 | 2 | | ψ+0.+0 | φ1.0113 |
| Total Commercial (3 Ph) No Dmd | | 2 | 80 | \$43.80 | 6 | \$0.5475 | \$0.1351 | 2 | | | \$0.0000 | 2 | 40 | \$40.46 | \$1.0115 |
| Total Commercial (ST II) NO Dilla | | ~ | | φ+0.00 | | ψ0.5475 | ψ0.1001 | - | 0 | φ30.00 | ψ0.0000 | ~ | 70 | φ+0.+0 | φ1.0113 |
| O | 500 | 000 | 1 100 010 | 0444 050 70 | 5070 | #0.0005 | #0.4400 | 000 | 4 440 400 | A450 457 00 | 001111 | 005 | 4 457 704 | \$100 100 10 | 0.4444 |
| Commercial (3 Ph-In - w/Demand) | EC3 | 203 | | \$144,658.79 | 5073 | \$0.0965 | | 203 | 1,419,100 | \$158,157.82 | | 205 | 1,457,724 | \$162,428.10 | |
| Commercial (3 Ph-Out - w/Demand) | EC3O | 36 | | \$27,407.82 | 1094 | \$0.0991 | \$0.1203 | 32 | 186,793 | \$22,279.26 | | 32 | 177,589 | \$21,198.29 | \$0.1194 |
| Commercial (3 Ph-Out - w/Dmd.&Sub-St | E3SO | 2 | | \$10,328.65 | 372 | \$0.0895 | | 2 | -1 | \$12,405.22 | | 2 | 113,360 | \$11,819.71 | \$0.1043 |
| Commercial (3 Ph-In - w/Demand, No Ta | EC3T | 1 | 2,000 | \$195.92 | 6 | \$0.0980 | \$0.1224 | 1 | 1,720 | \$199.71 | \$0.1161 | 1 | 1,680 | \$195.58 | \$0.1164 |
| | | | | | | | | | | | | | | | i |
| Total Commercial (3 Ph) w/Demand | | 242 | 1,892,530 | \$182,591.18 | 6,545 | \$0.0965 | \$0.1169 | 238 | 1,727,933 | \$193,042.01 | \$0.1117 | 240 | 1,750,353 | \$195,641.68 | \$0.1118 |
| | | | | | | | | | | | | | | | |
| Large Power (In - w/Dmd & Rct) | EL1 | 24 | 2,007,407 | \$174,927.77 | 5235 | \$0.0871 | \$0.0950 | 24 | 2,404,599 | \$217,506.43 | \$0.0905 | 24 | 2,366,148 | \$220,686.44 | \$0.0933 |
| Large Power (In - w/Dmd & Rct, w/SbCr) | EL2 | 2 | 128,880 | \$15,427.15 | 580 | \$0.1197 | \$0.1427 | 2 | 132,600 | \$16,765.37 | \$0.1264 | 2 | 153,120 | \$20,722.60 | \$0.1353 |
| Large Power (Out - w/Dmd & Rct) | EL10 | 1 | | \$6,696.91 | 215 | \$0.0987 | \$0.1120 | 1 | 71,460 | \$7,531.24 | | 1 | 63,000 | \$7,341.06 | |
| Large Power (Out - w/Dmd & Rct, w/SbC | EL2O | 2 | | \$28,455.05 | 920 | \$0.0937 | \$0.1028 | 2 | | \$30,410.72 | | 2 | 336,240 | \$33,310.20 | \$0.0991 |
| Large Power (In - w/Dmd & Rct, w/SbCr) | EL3 | 2 | | \$6,292.88 | 217 | \$0.1115 | | 2 | 90,318 | \$7,414.58 | | 2 | 82,656 | \$10,416.43 | |
| Lange Fower (III W/Dilla & Hot, W/SDOI) | | | | | | φυ.1113 | ψ0.1170 | 2 | | ψ/,τιτ.30 | ψ0.0021 | | | | ψ0.1200 |
| Total Large Power | | 31 | 2,564,436 | \$231,799.76 | | \$0.0904 | \$0.0987 | 31 | 3,017,697 | \$279,628.34 | \$0.0927 | 31 | 3,001,164 | \$292,476.73 | \$0.0975 |
| . cta. Eurge i onei | | | 2,004,400 | φ=01,733.70 | 7,107 | ψ0.0304 | ψ0.0307 | | 5,517,057 | φ ε ι 3,020.34 | ψ0.0327 | 51 | 3,001,104 | ψ±02,710.13 | ψ0.0070 |
| Industrial (In - w/Dmd & Rct, w/SbCr) | El1 | 2 | 1,254,911 | \$111,981.55 | 3633 | \$0.0892 | \$0.0819 | 0 | 1,831,272 | \$143,570.51 | \$0.0784 | 2 | 1,934,737 | \$150,696.77 | \$0.0779 |
| Industrial (In - w/Dmd & Rct, w/SbCr) | EI1 El2 | 2 | | | 1924 | \$0.0892 | \$0.0819 | - 2 | | | | 2 | 1,934,737 | | |
| muustnai (m - w/Dmu & RCl, N0/SDUr) | | | 903,048 | \$73,821.89 | 1924 | φυ.υ750 | φυ.υδ08 | | 946,167 | \$73,216.13 | φ0.0774 | | 1,023,891 | \$79,602.02 | φυ.υ/// |
| Total Inductrial | | | 0.000.750 | \$10F 000 44 | E E | ¢0.0000 | ¢0.0015 | 3 | 0 777 400 | £016 706 04 | ¢0.0704 | | 0.050.000 | ¢020 000 70 | ¢0.0770 |
| Total Industrial | | 3 | 2,238,759 | \$185,803.44 | 5,557 | \$0.0830 | \$0.0815 | 3 | 2,777,439 | \$216,786.64 | \$0.0781 | 3 | 2,958,628 | \$230,298.79 | \$0.0778 |
| late advantation of the D | 501 | l | 405.04 | A4 1 0 10 | | #0.00 | #0.000 | | 4 10 05 - | 640 007 | #0.00 | | 107.107 | A40.440 == | AC 00 (|
| Interdepartmental (In - No Dmd) | ED1 | 48 | | \$14,342.72 | 103 | \$0.0866 | | 49 | 146,880 | \$13,667.99 | | 49 | 107,189 | \$10,148.70 | \$0.0947 |
| Interdepartmental (Out - No Dmd) | ED10 | 1 | | \$0.00 | 0 | \$0.0000 | | 1 | 125 | | | 1 | 0 | \$0.00 | |
| Interdepartmental (In - w/Dmd) | ED2 | 20 | 354,938 | \$29,970.33 | 1084 | \$0.0844 | | 20 | 343,092 | \$31,180.79 | \$0.0909 | 20 | 256,556 | \$23,611.11 | \$0.0920 |
| Generators (JV2 Power Cost Only) | GJV2 | 1 | 20,858 | \$1,385.60 | 44 | \$0.0664 | \$0.0000 | 1 | 19,246 | \$807.18 | \$0.0419 | 1 | 6,054 | \$226.60 | \$0.0374 |
| Generators (JV5 Power Cost Only) | GJV5 | 1 | 15,564 | \$1,033.92 | 33 | \$0.0664 | \$0.0000 | 1 | 16,701 | \$700.44 | \$0.0419 | 1 | 13,337 | \$499.20 | \$0.0374 |
| | | | | | | | | | | | • | | | | |
| Total Interdepartmental | | 71 | 557,004 | \$46,732.57 | 1,264 | \$0.0839 | \$0.0927 | 72 | 526,044 | \$46,368.04 | \$0.0881 | 72 | 383,136 | \$34,485.61 | \$0.0900 |
| | l | | | | | | | | | | | | | | |
| SUB-TOTAL CONSUMPTION & DEMA | ND | 5,863 | 12,179,451 | \$1,136,258.97 | 22,725 | \$0.0933 | \$0.1023 | 5,863 | 12,472,623 | \$1,210,948.33 | \$0.0971 | 5,856 | 11,684,103 | \$1,152,278.08 | \$0.0986 |
| | | - | | | | | | | | ============ | | | =========== | =========== | |
| | | 1 | | | | ł | 1 | | | | 1 | | | | |
| Street Lights (In) | SLO | 16 | 0 | \$14.20 | 0 | \$0.0000 | \$0.0000 | 16 | 0 | \$14.20 | \$0.0000 | 16 | 0 | \$14.20 | \$0.0000 |
| Street Lights (Out) | SLOO | 2 | | \$0.77 | 0 | \$0.0000 | | 0.0 | 0 | \$0.77 | | 2 | 0 | \$0.77 | |
| | 3100 | | | ψ0.77 | | φ0.0000 | ψ0.0000 | | U | ψ0.77 | ψ0.0000 | | U | ψ0.77 | ψ0.0000 |
| Total Street Light Only | | 18 | 0 | \$14.97 | 0 | \$0.0000 | \$0.0000 | 18 | 0 | \$14.97 | \$0.0000 | 18 | 0 | \$14.97 | \$0.0000 |
| | | | | \$14.97 | | φ0.0000 | ψ0.0000 | | | \$14.97 | φ0.0000 | 10 | | \$14.97 | ψ0.0000 |
| TOTAL CONSUMPTION & DEMAND | | 5,881 | | \$1,136,273.94 | | \$0,0000 | \$0.1023 | 5,881 | 12,472,623 | | \$0.0074 | 5,874 | 11,684,103 | \$1,152,293.05 | \$0,0000 |
| TOTAL CONSUMPTION & DEMAND | I | 3,001 | 12,1/9,401 | \$1,130,273.94 | 22,125 | \$0.0933 | φ0.1023 | 5,661 | 12,4/2,023 | φ1,∠10,903.3 0 | \$0.0971 | 5,874 | 11,004,103 | φ1,102,293.05 | \$0.0986 |

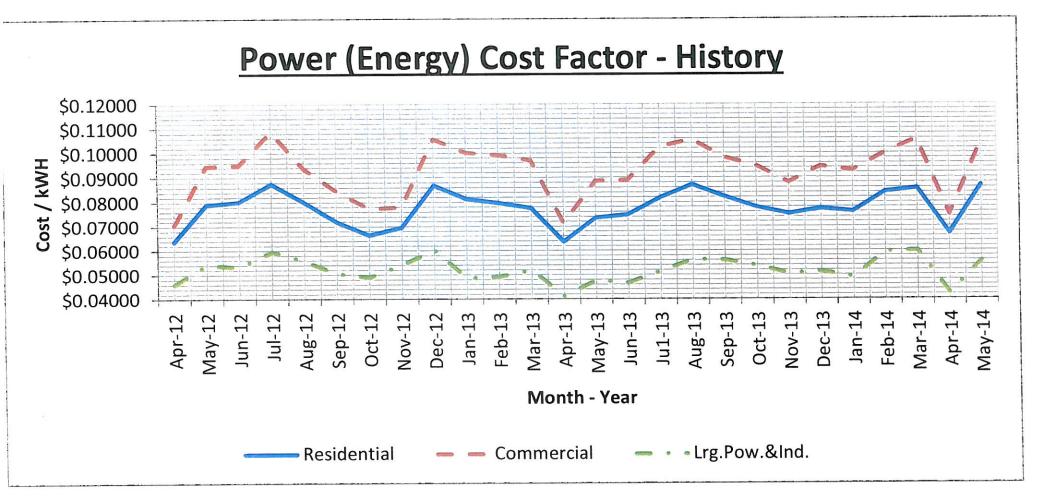
BILLING DETERMINANTS

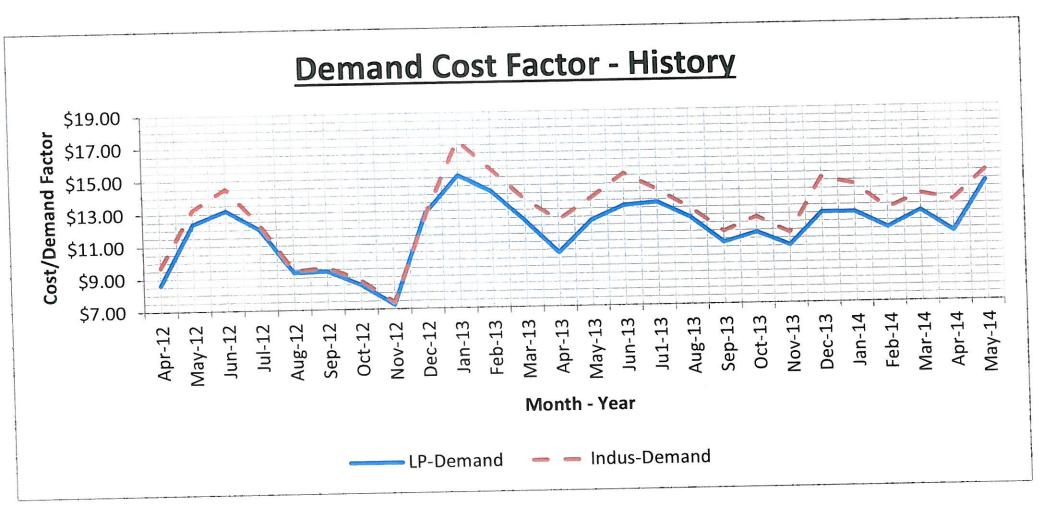
| BILLING DETERMINAN | TS fo | <u>l</u> | | | | | | | | | | | | | | | | |
|---|-------------|----------------|-------------------|---------------------------|----------------------|----------------|-------------------|---------------------------|----------------------|----------------|-----------------------|---------------------------|----------------|----------------|-------------------|---------------------------|----------------------|----------------|
| MAY, 2014 | | | | | | | | | | | | | | | | | | |
| 2014 - MAY BILLING WITH APRIL 2014 | I DATA B | | | | | | | | | | | | | | | | | |
| | Data | Jul-13 # of | Jul-13 | Jul-13 | Coot / WWH | Aug-13 # of | Aug. 40 | Aug. 40 | Cost / kWH | Sep-13 # of | 0 | Sep-13 | Coot / KWH | Oct-13 # of | Oct-13 | Oct-13 | Cost / kWH | Nov-13 # of |
| Class and/or | Rate | | | Billed | Cost / kWH | | Aug-13 | Aug-13 | | # of Bills | Sep-13 (kWh Usage) | Billed | Cost / kWH | # of Bills | (kWh Usage) | Billed | | # or Bills |
| Schedule | Code | | (kWh Usage) | | For Month | Bills | (kWh Usage) | Billed | For Month | | | | For Month | | | | For Month | |
| Residential (Dom-In) | E1 | 3,329 | 2,109,409 | \$238,024.02 | \$0.1128 | 3,339 | 2,793,644 | \$323,607.27 | \$0.1158 | 3,346 | 2,681,569 | \$298,444.75 | | 3,352 | 2,707,079 | \$289,286.38 | \$0.1069 | 3,328 |
| Residential (Dom-In) w/Ecosmart | E1E | 10 | 5,709 | \$650.14 | \$0.1139 | 10 | 7,875 | \$915.88 | \$0.1163 | 10 | 7,252 | \$812.85 | | 10 | | \$817.16 | \$0.1073 | 10 |
| Residential (Dom-In - All Electric) | E2 | 610 | 381,054 | \$43,044.41 | \$0.1130 | 610 | 459,912 | \$53,640.76 | \$0.1166 | 611 | 434,612 | \$48,781.14 | | 615 | , | \$47,246.44 | \$0.1079 | 609 |
| Res.(Dom-In - All Elec.) w/Ecosmart | E2E | | | \$61.82 | \$0.1145 | | | \$87.40 | \$0.1167 | | 726 | \$81.37 | \$0.1121 | | 649 | \$70.53 | \$0.1087 | |
| Total Residential (Domestic) | | 3,950 | 2,496,712 | \$281,780.39 | \$0.1129 | 3,960 | 3,262,180 | \$378,251.31 | \$0.1160 | 3,968 | 3,124,159 | \$348,120.11 | \$0.1114 | 3,978 | 3,153,414 | \$337,420.51 | \$0.1070 | 3,948 |
| Residential (Rural-Out) | ER1 | 740 | 649,817 | \$77,628.41 | \$0.1195 | 742 | 804,572 | \$98,634.57 | \$0.1226 | 751 | 783,642 | \$92,537.54 | \$0.1181 | 744 | 765,877 | \$87,187.47 | \$0.1138 | 746 |
| Residential (Rural-Out) w/Ecosmart | ER1E | 4 | 2,379 | \$297.24 | \$0.1249 | 4 | 3,242 | \$407.72 | \$0.1258 | 4 | 2,850 | \$349.38 | \$0.1226 | 4 | 2,801 | \$331.83 | \$0.1185 | 4 |
| Residential (Rural-Out - All Electric) | ER2 | 388 | 369,258 | \$43,788.90 | \$0.1186 | 388 | 435,667 | \$53,273.12 | \$0.1223 | 389 | 434,293 | \$51,014.09 | \$0.1175 | 387 | 420,500 | \$47,656.66 | \$0.1133 | 386 |
| Res. (Rural-Out - All Electric) w/Ecosmar | ER2E | 2 | 1,119 | \$140.92 | \$0.1259 | 2 | 1,301 | \$167.52 | \$0.1288 | 2 | 1,398 | \$171.69 | \$0.1228 | 2 | 1,218 | \$146.83 | \$0.1206 | 2 |
| Residential (Rural-Out w/Dmd) | ER3 | 15 | 14,299 | \$1,694.10 | \$0.1185 | 15 | 13,744 | \$1,706.92 | \$0.1242 | 15 | 14,139 | \$1,682.82 | \$0.1190 | 15 | 17,687 | \$1,988.32 | \$0.1124 | 15 |
| Residential (Rural-Out - All Electric w/Dm | ER4 | 9 | 8,647 | \$1,024.44 | \$0.1185 | 9 | 9,649 | \$1,183.75 | \$0.1227 | 9 | 10,130 | \$1,188.67 | \$0.1173 | 9 | 9,949 | \$1,125.58 | \$0.1131 | 9 |
| Total Residential (Rural) | | 1,158 | 1,045,519 | \$124,574.01 | \$0.1192 | 1,160 | 1,268,175 | \$155,373.60 | \$0.1225 | 1,170 | 1,246,452 | \$146,944.19 | \$0.1179 | 1,161 | 1,218,032 | \$138,436.69 | \$0.1137 | 1,162 |
| Commercial (1 Ph-In - No Dmd) | EC2 | 72 | 38,861 | \$5,726.54 | \$0.1474 | 73 | 40,420 | \$6,052.00 | \$0.1497 | 75 | 42,780 | \$6,070.62 | \$0.1419 | 74 | 41,653 | \$5,774.75 | \$0.1386 | 73 |
| Commercial (1 Ph-Out - No Dmd) | EC2O | 40 | 10,884 | \$1,843.98 | \$0.1694 | 41 | 21,517 | \$3,245.61 | \$0.1508 | 41 | | \$2,131.66 | | 41 | | \$1,862.65 | \$0.1597 | 41 |
| Total Commercial (1 Ph) No Dmd | | 112 | 49,745 | \$7,570.52 | \$0.1522 | | 61,937 | \$9,297.61 | \$0.1501 | 116 | 56,325 | \$8,202.28 | \$0.1456 | | 53,315 | \$7,637.40 | \$0.1433 | 114 |
| | 501 | | | | A A 4 4 4 4 4 | | | | A 0 (157 | | | 450 070 70 | A0 (00) | 0.05 | 077.440 | | A0 4040 | |
| Commercial (1 Ph-In - w/Demand) Commercial (1 Ph-Out - w/Demand) | EC1 EC10 | 263 25 | 309,023 30,526 | \$45,194.18 \$4,419.46 | \$0.1462 \$0.1448 | 267 25 | 338,332 33,111 | \$49,294.19 \$4,864.44 | \$0.1457 \$0.1469 | 267 25 | 396,656 37,182 | \$53,976.78 \$5,070.66 | | 265 25 | 377,416 34,780 | \$49,507.55 \$4,604.20 | \$0.1312 \$0.1324 | 264 26 |
| Sommersial (11 H Out W) Semandy | LOIO | | | | ψ0.1440 | | | | φ0.1400 | | | | φ0.1004 | | | | ψ0.10 L 4 | |
| Total Commercial (1 Ph) w/Demand | | 288 | 339,549 | \$49,613.64 | \$0.1461 | 292 | 371,443 | \$54,158.63 | \$0.1458 | 292 | 433,838 | \$59,047.44 | \$0.1361 | 290 | 412,196 | \$54,111.75 | \$0.1313 | 290 |
| Commercial (3 Ph-Out - No Dmd) | EC4O | 2 | 240 | \$66.06 | \$0.2753 | 2 | 40 | \$41.13 | \$1.0283 | 2 | 0 | \$36.00 | \$0.0000 | 2 | 40 | \$40.70 | \$1.0175 | 2 |
| Total Commercial (3 Ph) No Dmd | | 2 | 240 | \$66.06 | \$0.2753 | 2 | 40 | \$41.13 | \$1.0283 | 2 | | \$36.00 | \$0.0000 | 2 | 40 | \$40.70 | \$1.0175 | 2 |
| Commercial (3 Ph-In - w/Demand) | EC3 | 205 | 1,522,550 | \$190,539.80 | \$0.1251 | 206 | 1,654,048 | \$211,496.38 | \$0.1279 | 208 | 1,740,302 | \$208,949.03 | \$0.1201 | 209 | 1,940,437 | \$226,281.59 | \$0.1166 | 208 |
| Commercial (3 Ph-Out - w/Demand) | EC3O | 32 | 188,637 | \$25,562.32 | \$0.1355 | 32 | 189,643 | \$26,288.29 | \$0.1386 | 34 | 248,138 | \$30,514.72 | \$0.1230 | 35 | 312,762 | \$36,336.25 | \$0.1162 | 38 |
| Commercial (3 Ph-Out - w/Dmd.&Sub-St | E3SO | 2 | 126,840 | \$14,799.24 | \$0.1167 | 2 | 115,480 | \$13,881.00 | \$0.1202 | 2 | 106,920 | \$12,144.04 | \$0.1136 | 2 | 125,600 | \$13,595.49 | \$0.1082 | 2 |
| Commercial (3 Ph-In - w/Demand, No Ta | EC3T | 1 | 1,680 | \$276.68 | \$0.1647 | 1 | 3,000 | \$416.76 | \$0.1389 | 1 | 4,280 | \$519.86 | \$0.1215 | 1 | 4,760 | \$537.79 | \$0.1130 | 1 |
| Total Commercial (3 Ph) w/Demand | | 240 | 1,839,707 | \$231,178.04 | \$0.1257 | 241 | 1,962,171 | \$252,082.43 | \$0.1285 | 245 | 2,099,640 | \$252,127.65 | 5 \$0.1201 | 247 | 2,383,559 | \$276,751.12 | \$0.1161 | 249 |
| | | 240 | 1,000,101 | φ231,170.0 4 | ψ0.1257 | 241 | 1,302,171 | <i>ψ232,002.</i> 43 | ψ0.1203 | 245 | 2,033,040 | ψ232,127.03 | φ0.1201 | 241 | 2,000,000 | φ270,731.12 | ψ0.1101 | 245 |
| Large Power (In - w/Dmd & Rct) | EL1 | 24 | 2,586,195 | \$250,122.74 | \$0.0967 | 24 | 2,620,054 | \$262,653.75 | \$0.1002 | 24 | 2,825,165 | \$263,358.88 | \$0.0932 | 24 | 2,851,318 | \$261,397.73 | \$0.0917 | 24 |
| Large Power (In - w/Dmd & Rct, w/SbCr) | EL2 | 2 | 70,560 | \$16,900.07 | \$0.2395 | 2 | 84,480 | \$18,753.31 | \$0.2220 | 2 | 65,640 | \$13,082.45 | \$0.1993 | 2 | 150,720 | \$19,867.10 | \$0.1318 | 2 |
| Large Power (Out - w/Dmd & Rct) | EL10 | 1 | 73,980 | \$8,336.45 | \$0.1127 | 1 | 86,580 | \$10,240.70 | \$0.1183 | 1 | 93,060 | \$10,633.53 | \$0.1143 | 2 | 92,960 | \$11,043.20 | \$0.1188 | 1 |
| Large Power (Out - w/Dmd & Rct, w/SbC | EL2O | 2 | 347,520 | \$36,252.97 | \$0.1043 | 2 | 290,160 | \$34,745.28 | \$0.1197 | 2 | 355,680 | \$35,608.24 | \$0.1001 | 2 | 346,080 | \$35,694.13 | \$0.1031 | 2 |
| Large Power (In - w/Dmd & Rct, w/SbCr) | EL3 | 2 | 81,493 | \$7,169.32 | \$0.0880 | 2 | 74,511 | \$14,585.20 | \$0.1957 | 2 | 74,511 | \$13,676.28 | \$0.1835 | 2 | 75,559 | \$15,440.11 | \$0.2043 | 2 |
| Total Large Power | | 31 | 3,159,748 | \$318,781.55 | \$0.1009 | 31 | 3,155,785 | \$340,978.24 | \$0.1080 | 31 | 3,414,056 | \$336,359.38 | \$0.0985 | 32 | 3,516,637 | \$343,442.27 | \$0.0977 | 31 |
| | | 01 | | | | 0. | | | | 0. | | | | 02 | | | | 01 |
| Industrial (In - w/Dmd & Rct, w/SbCr) | El1 | 2 | 2,096,838 | \$167,377.82 | \$0.0798 | 2 | 1,878,883 | \$159,221.08 | \$0.0847 | 2 | 1,936,770 | \$156,832.64 | | 2 | 2,054,036 | \$162,716.59 | \$0.0792 | 2 |
| Industrial (In - w/Dmd & Rct, No/SbCr) | El2 | 1 | 1,048,294 | \$84,061.55 | \$0.0802 | 1 | 990,973 | \$82,769.36 | \$0.0835 | 1 | 1,189,366 | \$93,753.89 | \$0.0788 | 1 | 1,022,390 | \$79,931.60 | \$0.0782 | 1 |
| Total Industrial | | 3 | 3,145,132 | \$251,439.37 | \$0.0799 | 3 | 2,869,856 | \$241,990.44 | \$0.0843 | 3 | 3,126,136 | \$250,586.53 | \$0.0802 | 3 | 3,076,426 | \$242,648.19 | \$0.0789 | 3 |
| Interdepartmental (In - No Dmd) | ED1 | 52 | 88,992 | \$9,067.37 | \$0.1019 | 49 | 86,904 | \$9,315.56 | \$0.1072 | 49 | 88,393 | \$9,034.02 | \$0.1022 | 48 | 85,376 | \$8,366.37 | \$0.0980 | 48 |
| Interdepartmental (Out - No Dmd) | ED10 | 1 | 0 | \$0.00 | \$0.0000 | 1 | 0 | \$0.00 | | 1 | 0 | \$0.00 | | 1 | 00,010 | \$0.00 | \$0.0000 | 1 |
| Interdepartmental (In - w/Dmd) | ED2 | 20 | 259,802 | \$25,781.92 | | 20 | 261,926 | \$27,328.08 | \$0.1043 | 20 | 265,565 | \$26,497.58 | | 20 | 221,105 | \$21,078.59 | \$0.0953 | 20 |
| Generators (JV2 Power Cost Only) | GJV2 | 1 | 12,330 | \$356.95 | \$0.0289 | 1 | 13,117 | \$19.02 | | 1 | 7,858 | \$319.03 | | 1 | 15,302 | \$459.52 | \$0.0300 | 1 |
| Generators (JV5 Power Cost Only) | GJV5 | 1 | 12,330 | \$356.95 | \$0.0289 | 1 | 12,084 | \$17.52 | | 1 | 12,084 | \$490.61 | | 1 | 13,008 | \$390.63 | \$0.0300 | 1 |
| Total Interdepartmental | | 75 | 373,454 | \$35,563.19 | \$0.0952 | 72 | 374,031 | \$36,680.18 | \$0.0981 | 72 | , | \$36,341.24 | \$0.0972 | 71 | 334,791 | \$30,295.11 | \$0.0905 | 71 |
| SUB-TOTAL CONSUMPTION & DEMAN | ND | 5,859 | 12,449,806 | \$1,300,566.77 | \$0.1045 | 5,875 | 13,325,618 | \$1,468,853.57 | \$0.1102 | 5,899 | 13,874,506 | \$1,437,764.82 | \$0.1036 | 5,899 | 14,148,410 | \$1,430,783.74 | \$0.1011 | 5,870 |
| COL TOTAL CONCOMPTION & DEMAI | | | 12,449,000 | ============ | ψυ.1040 | - | | | ψ0.1102 | | | \$1,437,704.02 | | | | \$1,430,763.74 | ψυ.τυτΤ | = |
| | | | | | | | | | | | | | | | | | | |
| Street Lights (In) | SLO | 16 | 0 | \$14.20 | \$0.0000 | 16 | 0 | \$14.20 | \$0.0000 | 16 | 0 | \$14.20 | | 19 | | \$24.21 | \$0.0000 | 16 |
| Street Lights (Out) | SLOO | 2 | 0 | \$0.77 | \$0.0000 | 2 | 0 | \$0.77 | \$0.0000 | 2 | 0 | \$0.77 | \$0.0000 | 2 | 0 | \$0.77 | \$0.0000 | 2 |
| Total Street Light Only | | | 0 | \$14.97 | \$0.0000 | 18 | | \$14.97 | \$0.0000 | 18 | 0 | \$14.97 | \$0.0000 | 21 | 0 | \$24.98 | \$0.0000 | 18 |
| | | | | | | | | | | | | | | | | | | |
| TOTAL CONSUMPTION & DEMAND | | 5,877 | 12,449,806 | \$1,300,581.74 | \$0.1045 | 5,893 | 13,325,618 | \$1,468,868.54 | \$0.1102 | 5,917 | 13,874,506 | \$1,437,779.79 | \$0.1036 | 5,920 | 14,148,410 | \$1,430,808.72 | \$0.1011 | 5,888 |

BILLING DETERMINANTS

| BILLING DETERMINAN | ITS fo | <u>l</u> | | | | | | | | | | | | | | | |
|---|-----------|--------------------|----------------|------------------|--------|-------------|----------------|------------|--------|-------------|----------------|------------|--------|-------------|----------------------------|------------------|--------|
| MAY, 2014 2014 - MAY BILLING WITH APRIL 2014 | | | | | | | | | | | | | | | | | |
| 2014 - MAT BILLING WITH AFRIE 2014 | 4 DATA D | | | | Dec-13 | | | : | Jan-14 | | | | Feb-14 | | | | Mar-14 |
| Class and/or | Rate | Nov-13 | Nov-13 | Cost / kWH | # of | Dec-13 | Dec-13 | Cost / kWH | # of | Jan-14 | Jan-14 | Cost / kWH | # of | Feb-14 | Feb-14 | Cost / kWH | # of |
| Schedule | Code | (kWh Usage) | Billed | For Month | Bills | (kWh Usage) | Billed | For Month | Bills | (kWh Usage) | Billed | For Month | Bills | (kWh Usage) | Billed | For Month | Bills |
| Residential (Dom-In) | E1 | 1,933,075 | \$206,877.20 | \$0.1070 | 3,338 | 1,860,222 | \$203.923.93 | | 3,327 | 2,165,884 | \$231,255,93 | \$0.1068 | 3,331 | 2,652,898 | \$300,367.87 | | 3.336 |
| Residential (Dom-In) w/Ecosmart | E1E | 5,079 | \$550.99 | \$0.1070 | 10 | 4,720 | \$526.48 | | 10 | | \$574.13 | \$0.1089 | 10 | 6,477 | \$744.61 | | 10 |
| Residential (Dom-In - All Electric) | E1L E2 | 333,019 | \$35,848.44 | \$0.1085 | 612 | 437,940 | \$46,953.38 | \$0.1113 | 608 | | \$66,585.78 | \$0.0976 | 607 | 868,660 | \$95,411.75 | | 605 |
| | E2E | 542 | \$58.40 | \$0.1078 | 012 | 437,940 | | | 000 | 485 | | \$0.0978 | 007 | | | | 000 |
| Res.(Dom-In - All Elec.) w/Ecosmart | E2E | | \$J0.40 | \$0.1077 | | 403 | \$51.75 | φU.1110 | | 400 | \$53.32 | \$0.1099 | | 661 | \$75.86 | - φ0.1140 | |
| Total Residential (Domestic) | | 2,271,715 | \$243,335.03 | \$0.1071 | 3,961 | 2,303,345 | \$251,455.54 | \$0.1092 | 3,946 | 2,853,960 | \$298,469.16 | \$0.1046 | 3,949 | 3,528,696 | \$396,600.09 | \$0.1124 | 3,952 |
| Residential (Rural-Out) | ER1 | 595,586 | \$67,841.14 | \$0.1139 | 742 | 675.951 | \$77,391.16 | \$0,1145 | 740 | 813,305 | \$90.536.52 | \$0.1113 | 740 | 1.023.444 | \$120,315.45 | \$0,1176 | 740 |
| Residential (Rural-Out) w/Ecosmart | ER1E | 2,254 | \$268.65 | \$0.1192 | 4 | 2,490 | \$297.95 | \$0.1197 | 4 | 3,465 | \$394.50 | \$0.1139 | 4 | 3,830 | \$462.98 | | 4 |
| Residential (Rural-Out - All Electric) | ER2 | 348,529 | \$39,193.86 | \$0.1125 | 385 | 441,519 | \$49,555.40 | \$0.1122 | 385 | | \$60,424.35 | \$0.1092 | 387 | 699,435 | \$81,026.24 | | 386 |
| Res. (Rural-Out - All Electric) w/Ecosmar | | 1,189 | \$140.53 | \$0.1182 | 2 | | \$190.21 | \$0.1157 | 2 | | \$277.99 | \$0.1102 | 2 | 3,524 | \$409.05 | | 2 |
| Residential (Rural-Out w/Dmd) | ER3 | 16,088 | \$1,769.63 | \$0.1100 | 14 | | \$6,752.74 | \$0.1054 | 14 | | \$17,976.90 | \$0.1024 | 14 | 42,454 | \$4,815.30 | | 14 |
| Residential (Rural-Out - All Electric w/Dm | | 8.980 | \$1,000.22 | \$0.1114 | 9 | 25,917 | \$2,766.35 | | 0 | 29,132 | \$3,061.58 | \$0.1051 | 14 | 13,877 | \$1,621.35 | | |
| Residential (Rurai-Out - All Electric W/Dir | EN4 | 0,900 | \$1,000.22 | φU.1114 | | | \$2,700.33 | φ0.1007 | 9 | | \$3,001.30 | \$0.1051 | 9 | 13,077 | \$1,021.30 | φ 0.110 ο | 9 |
| Total Residential (Rural) | | 972,626 | \$110,214.03 | \$0.1133 | 1,156 | 1,211,616 | \$136,953.81 | \$0.1130 | 1,154 | | \$172,671.84 | \$0.1095 | 1,156 | 1,786,564 | \$208,650.37 | \$0.1168 | 1,155 |
| Commercial (1 Ph-In - No Dmd) | EC2 | 39,434 | \$5,211.01 | \$0.1321 | 71 | 41,379 | \$5,696.94 | \$0.1377 | 71 | 43.626 | \$5,887.59 | \$0.1350 | 72 | 50,780 | \$7,084.93 | \$0.1395 | 72 |
| Commercial (1 Ph-Out - No Dmd) | EC2O | 10,646 | \$1,671.34 | \$0.1521 | 40 | 14,381 | \$2,166.21 | \$0.1577 | 41 | | \$2,057.64 | \$0.1520 | 41 | 15,107 | \$2,345.41 | | 41 |
| | 2020 | 10,040 | \$1,071.34 | ψ0.1370 | 40 | | φ2,100.21 | ψυ.1500 | 41 | | φ2,037.04 | ψ0.1520 | | | φ2,343.41 | ψυ.1555 | 41 |
| Total Commercial (1 Ph) No Dmd | | 50,080 | \$6,882.35 | \$0.1374 | 111 | 55,760 | \$7,863.15 | \$0.1410 | 112 | | \$7,945.23 | \$0.1390 | 113 | 65,887 | \$9,430.34 | \$0.1431 | 113 |
| Commercial (1 Ph-In - w/Demand) | EC1 | 310,568 | \$40,745.11 | \$0.1312 | 264 | 293,036 | \$40,591.69 | \$0.1385 | 266 | 314,838 | \$41,545.49 | \$0.1320 | 266 | 354,791 | \$48,252.71 | \$0.1360 | 266 |
| Commercial (1 Ph-Out - w/Demand) | EC10 | 32,976 | \$4,297.20 | \$0.1303 | 26 | 31,754 | \$4,382.16 | \$0.1380 | 26 | 35,202 | \$4,606.73 | \$0.1309 | 25 | 45,573 | \$5,962.21 | \$0.1308 | 25 |
| | | | | | | | | | | | | | | | | | |
| Total Commercial (1 Ph) w/Demand | | 343,544 | \$45,042.31 | \$0.1311 | 290 | 324,790 | \$44,973.85 | \$0.1385 | 292 | 350,040 | \$46,152.22 | \$0.1318 | 291 | 400,364 | \$54,214.92 | \$0.1354 | 291 |
| Commercial (3 Ph-Out - No Dmd) | EC4O | 0 | \$36.00 | \$0.0000 | 2 | 0 | \$36.00 | \$0.0000 | 2 | 13,400 | \$1,580.65 | \$0.1180 | 2 | 12,240 | \$1,532.99 | | 2 |
| Total Commercial (3 Ph) No Dmd | | 0 | \$36.00 | \$0.0000 | 2 | 0 | \$36.00 | | 2 | -, | \$1,580.65 | \$0.1180 | 2 | 12,240 | \$1,532.99 | | 2 |
| Commercial (3 Ph-In - w/Demand) | EC3 | 1,743,531 | \$192,165.59 | \$0.1102 | 206 | 1,497,011 | \$176,923.62 | \$0.1182 | 205 | | \$166,491.55 | \$0.1151 | 204 | 1,447,853 | \$177,029.32 | \$0.1223 | 204 |
| Commercial (3 Ph-Out - w/Demand) | EC3O | 282,499 | \$32,418.80 | \$0.1148 | 36 | 391,905 | \$45,285.07 | \$0.1156 | 36 | 287,798 | \$34,591.74 | \$0.1202 | 36 | 268,912 | \$33,948.49 | \$0.1262 | 36 |
| Commercial (3 Ph-Out - w/Dmd.&Sub-St | E3SO | 128,480 | \$13,054.38 | \$0.1016 | 2 | 120,760 | \$13,059.80 | \$0.1081 | 2 | 127,880 | \$13,528.15 | \$0.1058 | 2 | 97,520 | \$11,322.79 | \$0.1161 | 2 |
| Commercial (3 Ph-In - w/Demand, No Ta | EC3T | 4,280 | \$464.03 | \$0.1084 | 1 | 1,960 | \$278.88 | \$0.1423 | 1 | 1,800 | \$217.47 | \$0.1208 | 1 | 1,760 | \$222.21 | \$0.1263 | 1 |
| | | | | | | | | | | | | | | | | | |
| Total Commercial (3 Ph) w/Demand | | 2,158,790 | \$238,102.80 | \$0.1103 | 245 | 2,011,636 | \$235,547.37 | | 244 | | | \$0.1152 | 243 | 1,816,045 | \$222,522.81 | | 243 |
| Large Power (In - w/Dmd & Rct) | EL1 | 2,519,427 | \$225,473.74 | \$0.0895 | 24 | 2,392,168 | \$226,455.20 | \$0.0947 | 24 | | \$210,865.07 | \$0.0947 | 24 | 2,063,522 | \$218,102.07 | | 24 |
| Large Power (In - w/Dmd & Rct, w/SbCr) | EL2 | 112,320 | \$15,970.35 | \$0.1422 | 2 | 140,160 | \$17,688.77 | \$0.1262 | 2 | 141,240 | \$17,776.39 | \$0.1259 | 2 | 127,080 | \$17,566.79 | | 2 |
| Large Power (Out - w/Dmd & Rct) | EL10 | 65,340 | \$7,082.78 | \$0.1084 | 1 | 65,880 | \$7,536.58 | \$0.1144 | 1 | 70,200 | \$7,601.59 | \$0.1083 | 1 | 74,700 | \$8,360.23 | | 1 |
| Large Power (Out - w/Dmd & Rct, w/SbC | EL2O | 340,800 | \$33,623.94 | \$0.0987 | 2 | | \$36,335.40 | \$0.1001 | 2 | 314,400 | \$31,908.05 | \$0.1015 | 2 | 262,080 | \$31,593.00 | \$0.1205 | 2 |
| Large Power (In - w/Dmd & Rct, w/SbCr) | EL3 | 71,216 | \$6,014.85 | \$0.0845 | 2 | 75,657 | \$6,509.56 | \$0.0860 | 2 | 80,917 | \$6,758.58 | \$0.0835 | 2 | 86,020 | \$7,861.04 | \$0.0914 | 2 |
| | | | | | | | | | | | | | | | | | |
| Total Large Power | | 3,109,103 | \$288,165.66 | \$0.0927 | 31 | 3,036,985 | \$294,525.51 | | 31 | | \$274,909.68 | | 31 | 2,613,402 | \$283,483.13 | | 31 |
| Industrial (In - w/Dmd & Rct, w/SbCr) | El1 | 1,988,263 | \$149,218.10 | \$0.0750 | 2 | 1,984,035 | \$162,825.47 | \$0.0821 | 2 | 1,980,102 | \$157,408.43 | \$0.0795 | 2 | 1,764,615 | \$159,115.05 | | 2 |
| Industrial (In - w/Dmd & Rct, No/SbCr) | El2 | 1,057,587 | \$77,201.69 | \$0.0730 | 1 | 990,671 | \$79,187.70 | \$0.0799 | 1 | 1,034,124 | \$87,121.03 | \$0.0842 | 1 | 806,907 | \$76,569.36 | \$0.0949 | 1 |
| Total Industrial | | 3,045,850 | \$226,419.79 | \$0.0743 | 3 | 2,974,706 | \$242,013.17 | \$0.0814 | 3 | 3,014,226 | \$244,529.46 | \$0.0811 | 3 | 2,571,522 | \$235,684.41 | \$0.0917 | 3 |
| Interdepartmental (In - No Dmd) | ED1 | 87,978 | \$8,365.07 | \$0.0951 | 48 | 126.385 | \$12,262,35 | \$0.0970 | 48 | 166.609 | \$15.927.03 | \$0.0956 | 48 | 183.455 | \$19.016.54 | \$0.1037 | 48 |
| Interdepartmental (Out - No Dmd) | ED10 | 01,370 | \$0.00 | \$0.0951 | 40 | 120,303 | \$0.00 | | 40 | 100,009 | \$15,927.03 | \$0.0956 | 40 | 103,433 | \$19,018.34 | | 40 |
| | - | 0 | | | 1 | • | | | 1 | - | | | 1 | - | | | 1 |
| Interdepartmental (In - w/Dmd) | ED2 | 221,353 | \$20,491.16 | \$0.0926 | | | \$23,251.25 | | 20 | | | | 20 | 374,969 | \$37,992.13 | | 20 |
| Generators (JV2 Power Cost Only) | GJV2 | 16,349 | \$817.12 | \$0.0500 | 1 | 18,796 | \$597.15 | | 1 | 13,913 | | \$0.0329 | 1 | 22,895 | \$644.27 | | 1 |
| Generators (JV5 Power Cost Only) | GJV5 | 13,759 | \$687.67 | \$0.0500 | 1 | 16,535 | \$525.32 | \$0.0318 | 1 | 17,752 | \$583.86 | \$0.0329 | 1 | 19,139 | \$538.57 | \$0.0281 | 1 |
| Total Interdepartmental | | 339,439 | \$30,361.02 | \$0.0894 | 71 | 407,292 | \$36,636.07 | \$0.0900 | 71 | 503,720 | \$45,533.93 | \$0.0904 | 71 | 600,458 | \$58,191.51 | \$0.0969 | 71 |
| SUB-TOTAL CONSUMPTION & DEMAI | ND | 12,291,147 | \$1,188,558.99 | \$0.0967 | 5,870 | 12,326,130 | \$1,250,004.47 | \$0.1014 | 5,855 | 13,067,105 | \$1,306,621.08 | \$0.1000 | 5,859 | 13,395,178 | \$1,470,310.57 | \$0.1098 | 5,861 |
| | | ================== | =========== | | , | | ============ | | · · | | ., , | | , | | ============ | | |
| | | | = | | | = | | | | = | = | | | = | | | |
| 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 | | \$0.77 | | 2 | 0 | | \$0.0000 | 2 | 0 | \$0.77 | | 01 |
| | 3100 | 0 | | φυ.υυ00 | 2 | | | φυ.υυυυ | - | | | φυ.υυυυ | 2 | - | | | 2 |
| Total Street Light Only | | 0 | \$14.97 | \$0.0000 | | 0 | \$14.97 | \$0.0000 | 18 | 0 | \$14.97 | \$0.0000 | 18 | 0 | \$14.97 | \$0.0000 | 18 |
| TOTAL CONSUMPTION & DEMAND | | 12,291,147 | \$1,188,573.96 | \$0.0967 | 5,888 | 12,326,130 | \$1,250,019.44 | \$0.1014 | 5,873 | 13,067,105 | \$1,306,636.05 | \$0.1000 | 5,877 | 13,395,178 | \$1,470,325.54 | \$0.1098 | 5,879 |
| TO TAL CONSOMETION & DEMAND | I | 12,231,147 | φ1,100,373.90 | φ 0.09 67 | 5,000 | 12,320,130 | φ1,200,019.44 | φ0.1014 | 3,013 | 13,007,105 | φ1,300,030.05 | φ0.1000 | 5,077 | 13,393,178 | φ1, 4 10,323.34 | φυ.1098 | 3,019 |

| BILLING DETERMINAN | TS fo | <u> </u> | | | | | | | | | |
|--|----------|-------------|----------------------|------------------|----------------|-------------|-------------------|-----------------------------|-------------|--------------------|-------------------------------|
| MAY, 2014 | | | | | | | | | | | |
| 2014 - MAY BILLING WITH APRIL 2014 | 1 DATA B | 1 | | | | | | | TOTAL | TOTAL | Avg.Cost |
| Class and/or | Rate | Mar-14 | Mar-14 | Cost / kWH | Apr-14 # of | Apr-14 | Apr-14 | Cost / kWH | KWH USEAGE | BILLING | Per kWH |
| Schedule | Code | (kWh Usage) | Billed | For Month | Bills | (kWh Usage) | Billed | For Month | PRIOR 12 MO | PRIOR 12 MO | For Period |
| Residential (Dom-In) | E1 | 2,667,733 | \$305,896.68 | \$0.1147 | 3,339 | 2,203,437 | \$215,125.61 | \$0.0976 | 27,638,768 | \$3,022,206.42 | |
| Residential (Dom-In) w/Ecosmart | E1E | 6,297 | \$734.94 | \$0.1147 | 10 | 4,683 | \$474.70 | \$0.1014 | 71,751 | \$7,964.17 | |
| Residential (Dom-In - All Electric) | E12 | 947,151 | \$105,078.20 | \$0.1109 | 605 | 747,599 | \$69,791.66 | \$0.0934 | 6,784,559 | \$720,441.97 | |
| Res.(Dom-In - All Elec.) w/Ecosmart | E2E | 517 | \$61.41 | \$0.1188 | 1 | 504 | \$50.63 | \$0.1005 | 6,919 | \$768.12 | |
| | | | | <i>_</i> | | | | <i>Q</i> 0000 | | | <i>\</i> 00 |
| Total Residential (Domestic) | | 3,621,698 | \$411,771.23 | \$0.1137 | 3,955 | 2,956,223 | \$285,442.60 | \$0.0966 | 34,501,997 | \$3,751,380.68 | \$0.1087 |
| Residential (Rural-Out) | ER1 | 1,029,204 | \$122,465.03 | \$0.1190 | 740 | 863,514 | \$87,869.22 | \$0.1018 | 9,326,481 | \$1,069,663.44 | \$0.1147 |
| Residential (Rural-Out) w/Ecosmart | ER1E | 3,763 | \$461.17 | \$0.1226 | 4 | 2,769 | \$298.35 | \$0.1077 | 34,445 | \$4,111.81 | \$0.1194 |
| Residential (Rural-Out - All Electric) | ER2 | 756,270 | \$88,380.86 | \$0.1169 | 385 | 622,894 | \$61,875.34 | \$0.0993 | 5,969,776 | \$672,966.73 | \$0.1127 |
| Res. (Rural-Out - All Electric) w/Ecosmar | | 3,420 | \$402.63 | \$0.1177 | 2 | 2,782 | \$279.42 | \$0.1004 | 23,969 | \$2,752.59 | |
| Residential (Rural-Out w/Dmd) | ER3 | 23,947 | \$2,814.89 | \$0.1175 | 14 | 29,085 | \$2,846.46 | \$0.0979 | 449,325 | \$48,177.18 | |
| Residential (Rural-Out - All Electric w/Dm | | 15,632 | \$1,837.21 | \$0.1175 | 9 | 13,299 | \$1,329.20 | \$0.0999 | 164,364 | \$18,239.39 | |
| | | | | | | | | | | | |
| Total Residential (Rural) | | 1,832,236 | \$216,361.79 | \$0.1181 | 1,154 | 1,534,343 | \$154,497.99 | \$0.1007 | 15,968,360 | \$1,815,911.14 | \$0.1137 |
| Commercial (1 Ph-In - No Dmd) | EC2 | 52,551 | \$7,603.38 | \$0.1447 | 73 | 47,168 | \$5,464.82 | \$0.1159 | 516,980 | \$71,064.80 | \$0.1375 |
| Commercial (1 Ph-Out - No Dmd) | EC2O | 17,014 | \$2,676.53 | \$0.1573 | 41 | 14,593 | \$1,914.47 | \$0.1312 | 166,612 | \$25,521.55 | |
| | 2020 | | φ2,070.00 | ψ0.1575 | | | ψ1,017.47 | ψ0.1012 | | Ψ20,021.00 | ψ0.1002 |
| Total Commercial (1 Ph) No Dmd | | 69,565 | \$10,279.91 | \$0.1478 | 114 | 61,761 | \$7,379.29 | \$0.1195 | 683,592 | \$96,586.35 | \$0.1413 |
| Commercial (1 Dis la sur/Domonal) | F.0.1 | 000 771 | #E0 000 00 | 0.1100 | 0000 | 000.000 | #07 000 00 | 0 1100 | 1 000 011 | #E00 740 11 | 0.1000 |
| Commercial (1 Ph-In - w/Demand) | EC1 | 369,771 | \$52,003.63 | \$0.1406 | 266 25 | 328,206 | \$37,066.22 | \$0.1129 | 4,029,314 | \$539,713.11 | |
| Commercial (1 Ph-Out - w/Demand) | EC10 | 51,000 | \$6,814.96 | \$0.1336 | | 46,109 | \$4,902.12 | \$0.1063 | 448,645 | \$58,744.89 | \$0.1309 |
| Total Commercial (1 Ph) w/Demand | | 420,771 | \$58,818.59 | \$0.1398 | 291 | 374,315 | \$41,968.34 | \$0.1121 | 4,477,959 | \$598,458.00 | \$0.1336 |
| | | | | | | | | | | | |
| Commercial (3 Ph-Out - No Dmd) | EC4O | 440 | \$92.50 | \$0.2102 | 2 | 80 | \$43.80 | \$0.5475 | 26,520 | \$3,582.29 | \$0.1351 |
| Total Commercial (3 Ph) No Dmd | | 440 | \$92.50 | \$0.2102 | 2 | 80 | \$43.80 | \$0.5475 | 26,520 | \$3,582.29 | \$0.1351 |
| | | | | | | | | | | | |
| Commercial (3 Ph-In - w/Demand) | EC3 | 1,466,120 | \$186,264.89 | \$0.1270 | 203 | 1,498,619 | \$144,658.79 | \$0.0965 | 18,834,322 | \$2,201,386.48 | |
| Commercial (3 Ph-Out - w/Demand) | EC3O | 336,266 | \$42,895.47 | \$0.1276 | 36 | 276,511 | \$27,407.82 | \$0.0991 | 3,147,453 | \$378,726.52 | \$0.1203 |
| Commercial (3 Ph-Out - w/Dmd.&Sub-St | E3SO | 119,360 | \$14,205.36 | \$0.1190 | 2 | 115,400 | \$10,328.65 | \$0.0895 | 1,417,920 | \$154,143.83 | \$0.1087 |
| Commercial (3 Ph-In - w/Demand, No Ta | EC3T | 2,040 | \$263.89 | \$0.1294 | 1 | 2,000 | \$195.92 | \$0.0980 | 30,960 | \$3,788.78 | \$0.1224 |
| Total Commercial (3 Ph) w/Demand | | 1,923,786 | \$243,629.61 | \$0.1266 | 242 | 1,892,530 | \$182,591.18 | \$0.0965 | 23,430,655 | \$2,738,045.61 | \$0.1169 |
| | | .,020,700 | <i>\\\\\\\\\\\\\</i> | \$0.1200 | | 1,002,000 | ¢.0 <u>2</u> ,000 | <i>Q</i> 0.0000 | 20,100,000 | <i>q</i> _,, | <i>Q</i> 01100 |
| Large Power (In - w/Dmd & Rct) | EL1 | 2,317,388 | \$239,569.19 | \$0.1034 | 24 | 2,007,407 | \$174,927.77 | \$0.0871 | 29,179,162 | \$2,771,119.01 | \$0.0950 |
| Large Power (In - w/Dmd & Rct, w/SbCr) | | 162,600 | \$19,158.59 | \$0.1178 | 2 | 128,880 | \$15,427.15 | \$0.1197 | 1,469,400 | \$209,678.94 | \$0.1427 |
| Large Power (Out - w/Dmd & Rct) | EL10 | 78,660 | \$8,770.32 | \$0.1115 | 1 | 67,860 | \$6,696.91 | \$0.0987 | 903,680 | \$101,174.59 | \$0.1120 |
| Large Power (Out - w/Dmd & Rct, w/SbC | | 382,080 | \$39,028.73 | \$0.1021 | 2 | 303,840 | \$28,455.05 | \$0.0937 | 3,960,720 | \$406,965.71 | \$0.1028 |
| Large Power (In - w/Dmd & Rct, w/SbCr) | EL3 | 87,615 | \$8,084.06 | \$0.0923 | 2 | 56,449 | \$6,292.88 | \$0.1115 | 936,922 | \$110,222.89 | \$0.1176 |
| Total Lawna Davuar | | | | ¢0,1000 | 31 | 0.564.406 | +001 700 7C | ¢0.0004 | | | ¢0,0007 |
| Total Large Power | | 3,028,343 | \$314,610.89 | \$0.1039 | 31 | 2,564,436 | \$231,799.76 | \$0.0904 | 36,449,884 | \$3,599,161.14 | \$0.0987 |
| Industrial (In - w/Dmd & Rct, w/SbCr) | El1 | 1,943,145 | \$172,895.43 | \$0.0890 | 2 | 1,254,911 | \$111,981.55 | \$0.0892 | 22,647,607 | \$1,853,859.44 | \$0.0819 |
| Industrial (In - w/Dmd & Rct, No/SbCr) | EI2 | 1,082,899 | \$97,248.96 | \$0.0898 | - 1 | 983,848 | \$73,821.89 | \$0.0750 | 12,177,117 | \$984,485.18 | |
| | | | | <i>QQ</i> | | | | <i>Q0.0700</i> | | | <i>Q</i> 0.0000 |
| Total Industrial | | 3,026,044 | \$270,144.39 | \$0.0893 | 3 | 2,238,759 | \$185,803.44 | \$0.0830 | 34,824,724 | \$2,838,344.62 | \$0.0815 |
| Interdepartmental (In - No Dmd) | ED1 | 194,860 | \$20,454.73 | \$0.1050 | 48 | 165,644 | \$14,342.72 | \$0.0866 | 1,528,665 | \$149.968.45 | \$0.0981 |
| Interdepartmental (Out - No Dmd) | ED10 | 0 | \$0.00 | \$0.0000 | 1 | 0 | \$0.00 | \$0.0000 | 125 | \$11.64 | |
| Interdepartmental (In - w/Dmd) | ED2 | 431,959 | \$44,486.15 | \$0.1030 | 20 | 354,938 | \$29,970.33 | ** ** * | 3,542,287 | \$340,234.53 | |
| Generators (JV2 Power Cost Only) | GJV2 | 25,582 | \$1,394.73 | \$0.0545 | 1 | 20,858 | \$1,385.60 | \$0.0664 | 192,300 | \$7,484.77 | |
| Generators (JV5 Power Cost Only) | GJV5 | 20,046 | \$1,092.91 | \$0.0545 | 1 | 15,564 | \$1,033.92 | \$0.0664 | 182,339 | \$6,917.60 | |
| Total Interdepartmental | | 672,447 | \$67,428.52 | \$0.1003 | 71 | 557,004 | \$46,732.57 | \$0.0839 | 5,445,716 | \$504,616.99 | \$0.0927 |
| SUB-TOTAL CONSUMPTION & DEMAI | ND | 14,595,330 | \$1,593,137.43 | \$0.1092 | 5,863 | 12,179,451 | \$1,136,258.97 | \$0.0933 | 155,809,407 | \$15,946,086.82 | \$0.1023 |
| | | | | | = | | | | | | |
| Street Lights (In) | SLO | 0 | \$14.20 | \$0.0000 | 16 | 0 | \$14.20 | \$0.0000 | 0 | \$180.41 | \$0.0000 |
| Street Lights (Out) | SLOO | 0 | \$0.77 | \$0.0000 | 2 | 0 | \$0.77 | \$0.0000 | 0 | \$9.24 | |
| | | | | | | | | | | | |
| Total Street Light Only | | 0 | \$14.97 | \$0.0000 | 18 | 0 | \$14.97 | \$0.0000 | 0 | \$189.65 | \$0.0000 |
| TOTAL CONSUMPTION & DEMAND | | 14,595,330 | \$1,593,152.40 | \$0.1092 | 5,881 | 12,179,451 | \$1,136,273.94 | \$0.0933 | 155,809,407 | \$15,946,276.47 | \$0.1023 |





Electric Department Report April 2014

There were 9 callout/outages during the month of April. Three callouts were to reconnect electric services at various locations. One callout was to open a meter socket for an electrical contractor. Two outages were due to animals getting into primary lines causing fuses to blow. One outage was caused by a shorted primary current transformer. One outage was caused by a distribution switch faulting. One outage was caused by a yard tree blowing over on a secondary service drop.

Line Department/Service Truck: Line crews helped repair ball field nets at Oakwood Park. Crews worked on the rebuild in Riviera Heights. Crews worked on a lighting project in City Building. Crews installed a new URD service to a barn on 108 North and a second URD at 1003 Clairmont. Crews set a new pole line on Rd 18 and strung new wire. Line crews installed guy wires on 69 KV pole west of 108. They also repaired a line switch near TA truck stop. Line crews extended service to new customer on road 18 and US RT 6. Crews helped lower large branches behind 501 Welsted. Crews worked on Huddle Road transmission project and performed cleaning and truck and equipment maintenance. The Service Truck completed locates and work orders.

Substation Department: Todd and Nikk performed Mechanical Relay, battery testing and breaker testing at Glenwood Substation. They also switched out Glenwood Substation for fence installation, trimmed bushes and installed new signs on the new fence. Todd and Nikk performed switching and worked on sync relays at Northside Substation. They also performed monthly inspections and routine maintenance at all substations

Forestry Department: Jamie trimmed trees on Woodlawn, East Riverdowns Park, Rd O-3 and Road 18 South of Road T. Jamie and Nate trimmed trees at 501 Welsted, Wayne Park, Road Q and 16, County road A in Fulton County and performed truck and chipper maintenance.

Storeroom/Inventory/Metering Department: Shawn Druhot read meters, cleaned and counted inventory and mowed grass at service building. Shawn also helped crews and accepted incoming bulbs for recycling and delivered florescent bulbs to Bowling Green.

The Peak Load for April, 2014 was 21.54 MW occurring on the 3rd at 1:00 PM. This was an increase of .26 MW from April, 2013. The average load for April, 2014 was 15.61 MW. This was an decrease of 1.32 MW from April 2013. JV 2 did not run and JV 5 ran on 04/09/2014 and produced 5.4 MW. The gas Turbines ran on 04/30/14 and produced 44 MW. The AMP Solar Field showed a peak of 3.72 MW and the KWH output was 559,809.00

05/07/14 DPC

City of Napoleon, Ohio



SUMMARY OF APRIL 2014 OUTAGE/STANDBY CALL-OUTS

April 2, 2014:

One employee was dispatched at 5:30 p.m. to 242 Yeager St. to reconnect service.

April 2, 2014:

One employee was dispatched at 3:00 p.m. from the City Building to reconnect services at various locations.

April 3, 2014:

One employee was dispatched at 3:00 p.m. from the City Building to reconnect service at 1212 E. Riverview Ave. Apt. 401.

April 3, 2014:

One employee was dispatched at 7:00 p.m. to 718 Strong St. to open a meter socket for a contractor.

April 6, 2014:

Electric personnel were dispatched at 9:20 a.m. to 1050 Kenilworth Ave. due to a power outage. The outage lasted forty minutes and affected thirteen customers. The outage was due to an animal blowing a fuse. The personnel replaced the fuse.

April 8, 2014:

Electric personnel were dispatched at 3:10 p.m. to N160 State Route 108 due to a bad primary ct. The Filling Home was running on generators until the crews changed out the primary ct. in the morning.

April 12, 2014:

Electric personnel were dispatched at 8:30 a.m. to 260 N. Harmony Dr. due to a power outage. The outage lasted forty five minutes and affected three customers. The outage was due to an animal that blew a fuse. The personnel replaced the fuse.

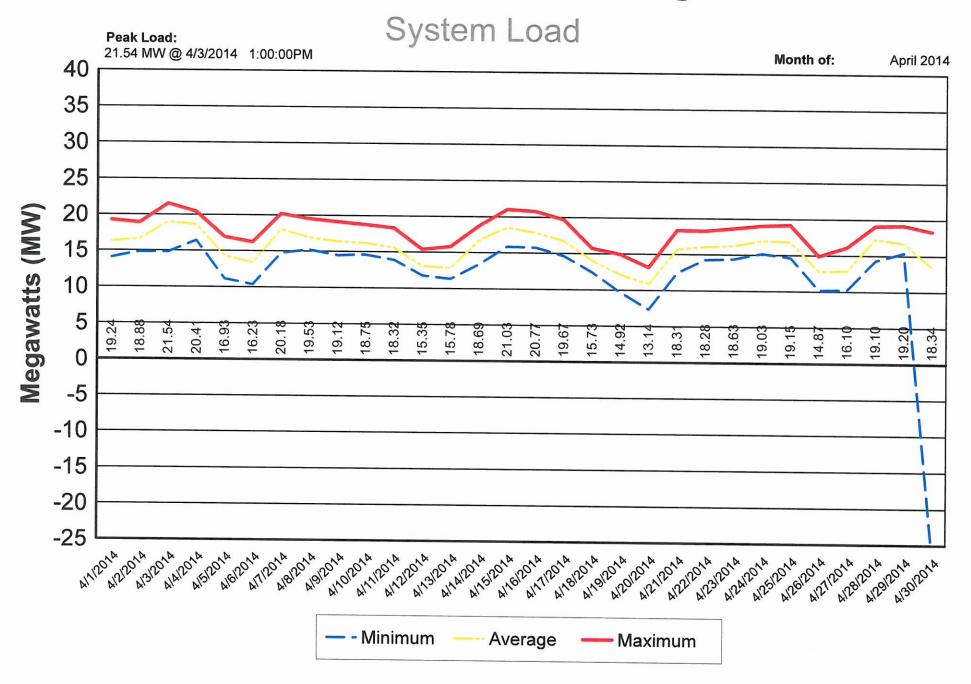
April 14, 2014:

One employee was dispatched at 6:35 a.m. to pole 1522 by TA Truck Stop on Industrial Dr. due to a switch blade that was burning. The outage lasted ten minutes and affected five customers. The circuit was energized from another switch. Repairs were made to the faulty switch. Circuits were then put back to normal configuration.

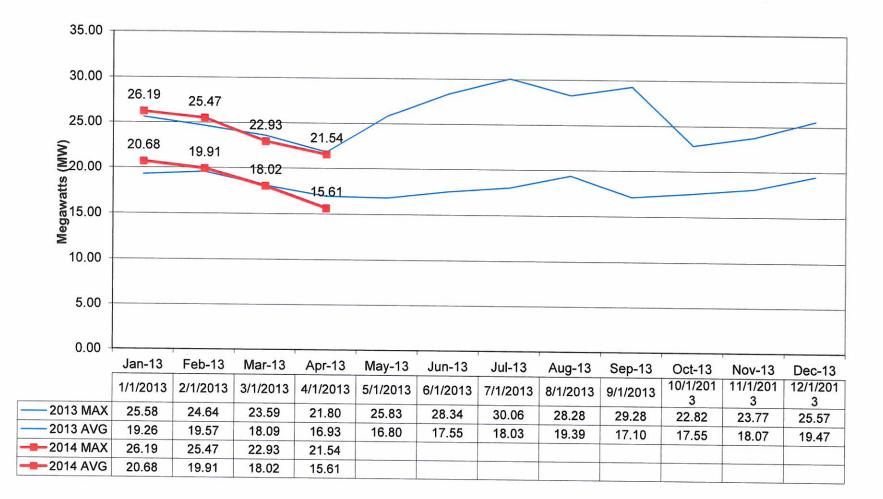
April 28, 2014:

Electric personnel were dispatched at 3:00 p.m. to Q769 County Road 16 due to a power outage. The outage lasted two hours and affected one customer. The outage was due to high winds that made trees fall on the secondary service. The personnel removed the trees and reconnected the secondary service.

Napoleon Power & Light



NAPOLEON POWER & LIGHT



** 900-1400 residential homes served / MW average load

** 300-800 residential homes served / MW peak load

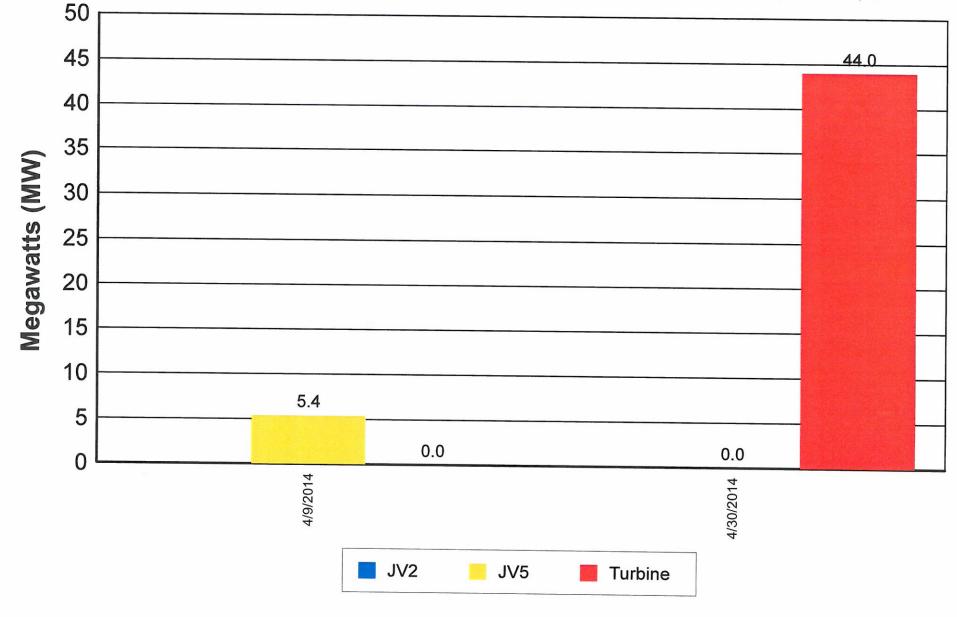
Napoleon Power & Light

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AMPO Generation

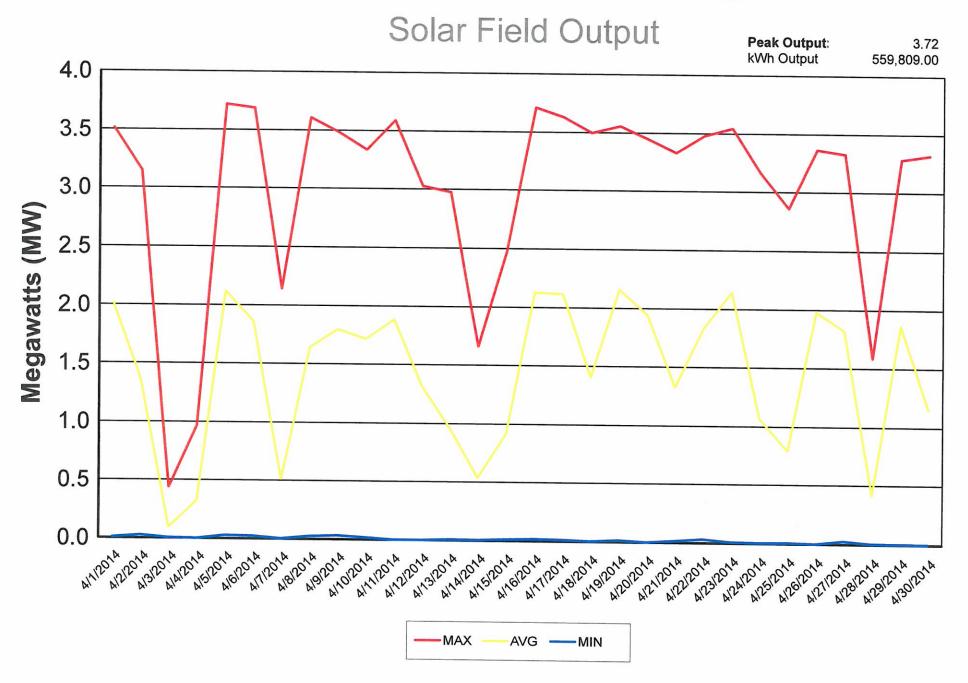
Starting: Ending:

April 1, 2014 0:00 May 1, 2014 0:00



Napoleon Power & Light

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Napoleon, Ohio

2014 ELECTRIC RATE AND **COST OF SERVICE** STUDY

SCOPE OF SERVICES

- Data Acquisition/Verification
- Projected Revenue Requirements Analysis
- Cost of Service Analysis
- Rate Review/Design*

* To Be Completed

May 12, 2014

DATA ACQUISITION/VERIFICATION

- Identify Availability of Information
- Prepare and Submit Data Request
- Review Information and Data Provided
 - Billing Statistics
 - Operational Data
 - Financial Statements/Reports
- Verify the Accuracy of the Information Provided
- Data Provided was Accurate and Consistent

PROJECTED REVENUE REQUIREMENTS ANALYSIS

- 1. Project Energy Sales
- 2. Project Power Supply Requirements and Costs
- 3. Project Revenues at Current Rates
- 4. Project Revenue Requirements
- 5. Determine Overall Revenue Adjustment

1. Project Energy Sales

- Separate Sales by Rate Class
- Normalize Historical Data
- Determine Growth Rates
- Project Sales by Rate Class

SALES GROWTH RATES

Residential Commercial Industrial City Interdepartmental 0.0% 0.0% 0.0%

PROJECTED ENERGY SALES (kWh)

| Rate Class | 2014 | 2015 | 2016 |
|------------------------|-------------|-------------|-------------|
| Residential | 49,046,400 | 49,046,400 | 49,046,400 |
| Commercial | 28,593,600 | 28,593,600 | 28,593,600 |
| Industrial | 73,440,000 | 73,440,000 | 73,440,000 |
| City Interdepartmental | 5,233,200 | 5,233,200 | 5,233,200 |
| Totals | 156,313,200 | 156,313,200 | 156,313,200 |

May 12, 2014

2. Project Power Supply Requirements and Costs

- Energy Requirements = Energy Sales + Losses
 - Unbilled Losses $\approx 7\%$
- Includes Projected Cost for All Power Supply Resources, as Provided by AMP
 - NYPA
 - OMEGA JV2, JV5, JV6
 - AMP Hydro I & II
 - AFEC
 - PSEC
- Market

PROJECTED POWER SUPPLY **REQUIREMENTS & COSTS** kWh(1) \$/kWh Year Amount 2014 168,078,710 \$12,007,543 \$ 0.07144 \$12,007,543 \$ 0.07144 2015 168,078,710 \$12,007,543 \$ 0.07144 2016 168,078,710 (1) Includes unbilled losses of 7%.

May 12, 2014

3. Project Revenues at Current Rates

- Project Average Revenues by Rate Class *
 - Residential Commercial Industrial City Interdepartmental
- \$ 0.10961/kWh
- \$ 0.11969/kWh
- \$ 0.08904/kWh
- \$ 0.09103/kWh
- Multiply Energy Sales by Average Revenues
 - * Based on projected Power Supply Costs.

PROJECTED REVENUES AT CURRENT RATES

| | kWh | \$/kWh* | Amount |
|------------------------|-------------|------------|--------------|
| Residential | 49,046,400 | \$ 0.10961 | \$ 5,376,000 |
| Commercial | 28,593,600 | 0.11967 | 3,422,400 |
| Industrial | 73,440,000 | 0.08904 | 6,539,400 |
| City Interdepartmental | 5,233,200 | 0.09103 | 476,400 |
| Totals | 156,313,200 | \$ 0.10117 | \$15,814,200 |

* Based on projected Power Supply Costs.

4. Project Revenue Requirements

- Cash Basis vs. Utility Basis
- Normalize Historical Data
- Projected Power Supply Costs
 Based on Projected Sales
- Anticipated Changes in Operation
- 2014 Budget
- Reimbursement Shared Expenses

Inflation (3% per year)

May 12, 2014

24. Project Revenue Requirements (Cont.)

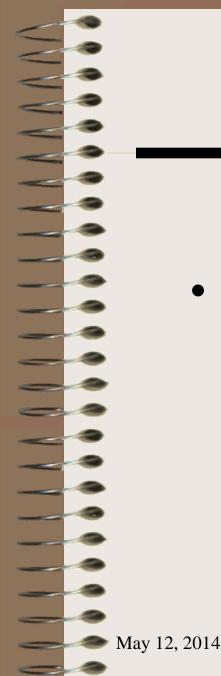
- Capital Outlay / Transfers
- Debt Service

May 12, 2014

- Other Income Credits
 - Reimbursements
 - Miscellaneous
 - Other Operating Revenue

PROJECTED REVENUE REQUIREMENTS

| | 2014 | 2015 | 2016 |
|------------------|--------------|--------------|--------------|
| Purchased Power | \$11,187,652 | \$11,187,652 | \$11,187,652 |
| Other O&M | 2,374,911 | 2,426979 | 2,480,608 |
| Debt Service | 819,891 | 819,891 | 819,891 |
| Capital Outlay | 160,100 | 164,223 | 169,850 |
| Refunds – Misc | 15,750 | 16,223 | 16,709 |
| Reimbursement | 810,930 | 835,258 | 860,316 |
| Transfers | 300,000 | 309,000 | 318,270 |
| Other Income | (244,445) | (244,445) | (244,445) |
| Net Revenue Req. | \$15,424,789 | \$15,515,460 | \$15,608,851 |



5. Determine Overall Revenue Adjustment

 Compare Projected Revenue Requirements to Projected Revenues at Current Rates

DETERMINATION OF OVERALL REVENUE ADJUSTMENT

| | Revenue Requirements | Revenues at Current Rates | <u>F</u> _ | Revenue Adj Amount | ustment <u>%</u> |
|------|-------------------------|---------------------------|---------------|-----------------------|---------------------|
| 2014 | \$ 15,424,800 | \$ 15,814,200 | \$ | (389,400) | (2.5%) |
| 2015 | 15,515,500 | 15,814,200 | | (298,700) | (1.9%) |
| 2016 | 15,608,900 | 15,814,200 | | (205,300) | (1.3%) |
| | | | | | |

2

2

2

CONCLUSIONS

- Projected Revenues at Current Rates are Sufficient to Meet the Projected Revenue Requirements.
- Revenues Do Not Need to be Increased in Order to Meet the Projected Revenue Requirements.

FUNCTIONALIZED "UNBUNDLED" COST OF SERVICE ANALYSIS

1. Functionalization of Revenue Requirements

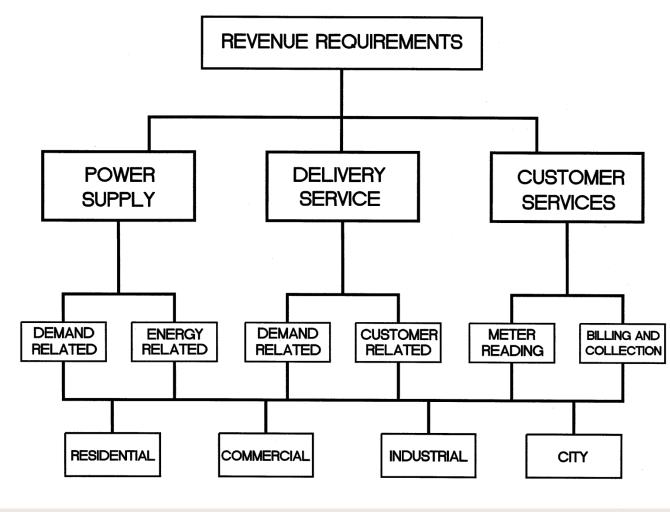
2. "Unbundled" Cost of Service Analysis

3. Cost of Service Results

FUNCTIONALIZATION OF REVENUE REQUIREMENTS

- Test Year Revenue Requirements
 - 2015 Test Year
- Categorize Costs by Function
 - Power Supply (Demand/Energy)
 - Delivery Service (Demand/Customer)
 - Consumer Services (Meter Reading/Billing)

"UNBUNDLED" COST OF SERVICE ANALYSIS



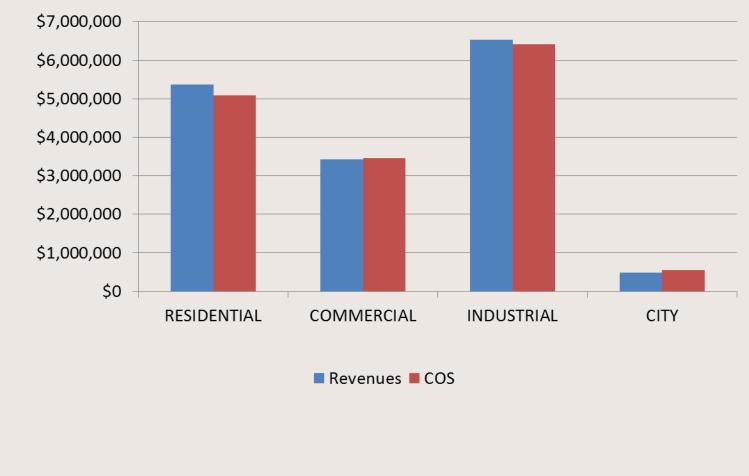
May 12, 2014

COST OF SERVICE RESULTS*

| Rate Class | Revenue @ Current Rates | Cost of Service Results | Under (0 Recov \$ | , |
|----------------------|-------------------------------|-------------------------------|-------------------------|--------|
| Residential | \$ 5,376,017 | \$ 5,086,312 \$ | (289,705) | (5.4%) |
| Commercial | 3,422,381 | 3,462,322 | 39,941 | 1.2% |
| Industrial | 6,539,425 | 6,420,288 | (119,137) | (1.8%) |
| City Interdepartmen | tal 476,374 | 543,539 | 70,165 | 14.7% |
| Totals | \$15,814,196 | \$15,515,460 \$ | (298,736) | (1.9%) |
| | | | | |
| * Reflects 2015 Test | Year. | | | |

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City of Napoleon, Ohio 2014 Electric Rate Study COST OF SERVICE RESULTS REVENUES VS. COS



CONCLUSIONS

- Except for the City Interdepartmental Customer Class, Existing Revenue Distribution is Very Consistent with the Cost of Service Results.
- In General, the Residential Customer Class is Subsidizing the City Interdepartmental Customer Class.
- To the Extent Practicable, Future Rate Adjustments Should Move Towards the Cost of Service Results.

SUMMARY

- Projected Revenues at Current Rates are Sufficient to Meet the Projected Revenue Requirements
- No Need to Increase Revenues at This Time.
- Except for the City Interdepartmental Customer Class, Revenue Distribution is Consistent with the Cost of Service Results.
- In General, Residential Class is Subsidizing the City Interdepartmental Class.
- Future Rate Adjustments Should Move the Revenue Distribution Towards Cost of Service Results.



Lost of service Model

Exhibit III-1

FUNCTIONALIZATION OF REVENUE REQUIREMENTS 2015 TEST YEAR

| | | | | | | | | | | (| Delivery Services | | | | Consu | mer (| Services |
|------|---------------------------------|----|------------|----|-----------|-------|-----------|----|-------------|---------|-------------------|----|----------|----|---------|-------|------------|
| Line | | | Total | | Powe | r Sup | ply | | | | Distribution | | | | Meter | | Billing & |
| No. | Description | | Cost(1) | | Demand | | Energy | | Demand | _ | kWh Tax | | Customer | | Reading | | Collection |
| | | | (a) | | (b) | | (c) | | (d) | | (e) | | (f) | | (g) | | (h) |
| | OPERATING EXPENSES | | | | | | | | | | | | | | | | |
| 1 | Personal Services | \$ | 1,245,394 | \$ | 6,581 | \$ | 0 | ę | 913,079 | S | 0 | \$ | 274,190 | 8 | 38,876 | \$ | 12,668 |
| 2 | Travel | | 70,607 | | 373 | | 0 | | 51,766 | - | 0 | | 15,545 | - | 2,204 | - | 718 |
| 3 | Purchased Power | | 11,187,652 | | 5,267,920 | | 5,919,732 | | 0 | | 0 | | 0 | | 0 | | 0 |
| 4 | Contractual Services | | 189,335 | | 0 | | 0 | | 132,534 | | 0 | | 47,334 | | 0 | | 9,467 |
| 5 | Supplies and Materials | | 282,323 | | 0 | | 0 | | 197,626 | | 0 | | 70,581 | | 0 | | 14,116 |
| 6 | SUBTOTAL | \$ | 12,975,310 | \$ | 5,274,874 | \$ | 5,919,732 | 5 | 1,295,005 | - \$ | 0 | \$ | 407,650 | \$ | 41,080 | \$ | 36,969 |
| | NON-OPERATING EXPENSES | | | | | | | | | | | | | | | | |
| 7 | Capital Outlay | \$ | 164,903 | \$ | 0 | \$ | 0 | 5 | 115.432 | | 0 | ¢ | 49,471 | S | 0 | \$ | 0 |
| 8 | kWh Tax | * | 639,321 | Ŷ | ů n | Ŷ | 0 | | 0 | | 639,321 | ÷ | -0.471 | Ψ | 0 | φ | 0 |
| 9 | Debt Service - 1998 Series Bond | | 000,000 | | 0 | | 0 | | 0 | | 000,021 | | 0 | | 0 | | 0 |
| 10 | Debt Service - JV2 | | 3,830 | | 3,830 | | ő | | 0 | | 0 | | ů n | | 0 | | 0 |
| 11 | Debt Service - JV5 | | 773,689 | | 773,689 | | 0 0 | | 0 | | Ő | | n | | 0 | | 0 |
| 12 | Debt Service - JV6 | | 42,372 | | 42,372 | | ů D | | 0 0 | | 0 | | ů N | | 0 | | 0 |
| 13 | Refunds - Misc | | 16,223 | | .1,0,2 | | ů O | | 11,356 | | õ | | 4,867 | | ň | | 0 |
| 14 | Reimbursement | | 835,258 | | 0 | | õ | | 501,155 | | ů N | | 208,814 | | 0 | | 125,289 |
| 15 | Transfer | | 309,000 | | Û | | õ | | 309,000 | | õ | | 200,014 | | 0 | | 120,200 |
| 16 | Total Non-Operating Expenses | \$ | 2,784,595 | \$ | 819,891 | \$ | 0 | \$ | | | | \$ | 263,152 | \$ | 0 | \$ | 125,289 |
| 17 | GROSS REVENUE REQUIREMENT | s | 15,759,905 | \$ | 6,094,765 | \$ | 5,919,732 | f | 2,231,948 | \$ | 639,321 | \$ | 670,802 | \$ | 41,080 | \$ | 162,257 |
| | LESS: OTHER INCOME | | | | | | | | | | | | | | | | |
| 18 | Reimbursement | \$ | 2,640 | \$ | 1,064 | \$ | 1,034 | ţ | 390 | \$ | 0 | \$ | 117 | \$ | 7 | \$ | 28 |
| 19 | Miscellaneous | | 231,805 | | 93,435 | | 90,752 | | 34,217 | | 0 | | 10,284 | • | 630 | | 2,487 |
| 20 | Other Operating Revenue | | 10,000 | | 4,031 | | 3,915 | | 1,476 | | 0 | | 444 | | 27 | | 107 |
| 21 | Total Other Income | \$ | 244,445 | \$ | 98,530 | \$ | 95,701 | \$ | | ÷ | 0 | \$ | 10,844 | \$ | 664 | \$ | 2,623 |
| 22 | NET REVENUE REQUIREMENTS | \$ | 15,515,460 | \$ | 5,996,234 | \$ | 5,824,032 | \$ | 5 2,195,866 | \$ | 639,321 | \$ | 659,957 | \$ | 40,416 | s | 159,634 |

(1) 2015 Test Year

napolcos xis 25-Apr-14

City of Napoleon, Ohio Electric Rate and Cost of Service Study LABOR & PAYROLL RATIOS

| | | | | | | | | | | | | | Consu | mer S | ervices | | |
|------|---------------------------------|----|--------------------|----|--------|------|--------|----|---------|--------|----------|----|---------|-------|------------|----|----------------|
| Line | | | Total | - | Power | Supp | aly | | Delive | ary Se | ervices | | Meter | | Billing & | | |
| No. | Description | | Cost | | Demand | | Energy | | Demand | | Customer | | Reading | | Collection | | Administration |
| | | | (a) | - | (b) | | (c) | - | (d) | | (e) | | (f) | • • | (9) | | (h) |
| 1 | No. of Employees | | 15 | | | | | | | | | | | | | | |
| 2 | Electric Superintendent | \$ | 73,608 | \$ | 3,680 | \$ | 0 | \$ | 13,249 | \$ | 11.041 | \$ | 1,472 | \$ | 3,680 | \$ | 40,484 |
| 3 | Electric Const. Supervisor | | 68,611 | | 0 | | 0 | | 41,167 | | 24,014 | • | 0 | * | 0,000 | Ŷ | 3.431 |
| 4 | Dist. Service Supervisor | | 68,087 | | 0 | | 0 | | 40,852 | | 6,809 | | 3,404 | | 3,404 | | 13.617 |
| 5 | Serv. Building Secretary | | 21,894 | | 0 | | 0 | | 0 | | 4,379 | | 0 | | 0 | | 17,515 |
| 6 | Lead Lineman | | 66,912 | | 0 | | 0 | | 56,875 | | 10,037 | | 0 | | ñ | | 0 |
| 7 | Lead Lineman | | 66,497 | | 0 | | 0 | | 56,522 | | 9,975 | | 0 | | 0 | | Ő |
| 8 | Lineman 1st. Class | | 58,194 | | 0 | | 0 | | 8,729 | | 46,555 | | 2,910 | | 0 0 | | 0 |
| 9 | Lineman 1st. Class | | 51,210 | | 0 | | 0 | | 43,529 | | 7,682 | | 0 | | 0 0 | | 0 |
| 10 | Lineman 1st. Class | | 5 1,210 | | 0 | | 0 | | 43,529 | | 7.682 | | 0 | | 0 D | | 0 |
| 11 | Lineman 2nd Class | | 43,118 | | 0 | | 0 | | 36,650 | | 6,468 | | 0 | | ů Ú | | D |
| 12 | Lineman 2nd Class | | 48,172 | | 0 | | 0 | | 40,946 | | 7,226 | | 0 | | 0 | | 0 |
| 13 | Line Clearance Worker | | 28,413 | | 0 | | 0 | | 24,151 | | 4,262 | | n n | | 0 | | 0 |
| 14 | Substn. Maintainance Specialist | | 65,268 | | 0 | | 0 | | 62,005 | | 3,263 | | 0 | | 0 | | 0 |
| 15 | Electrical Engineer Tech. | | 33,987 | | 0 | | 0 | | 30,588 | | 0 | | 3,399 | | 0 | | 0 |
| 16 | Electric Service Worker | _ | 26,395 | - | 0 | | 0 | - | 11,878 | | 3,959 | | 10,558 | | <u>0</u> | - | 0 |
| 17 | Sub-Total Labor | \$ | 771,576 | \$ | 3,680 | \$ | 0 | \$ | 510,670 | \$ | 153,350 | \$ | 21,743 | \$ | 7,085 | \$ | 75,048 |
| 18 | Administration | | 0 | - | 397 | | 0 | - | 55,022 | | 16,523 | | 2,343 | | 763 | | (75,048) |
| 19 | System Totals | | | | | | | | | | | | | | | | |
| 20 | Labor | \$ | 771,576 | \$ | 4,077 | \$ | D | \$ | 565,692 | \$ | 169,873 | \$ | 24,086 | \$ | 7,848 | \$ | (0) |

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25-Apr-14

P. 2 of 5

BILLING DETERMINANTS AND UNITS OF SERVICE 2015 TEST YEAR

| Line No. | Customer Group | No. of Customers (a) | Customer Weighting Factor (b) | Weighted No. of Customers (c) | Meter Weighting Factor (d) | Weighted No. of <u>Meters</u> (e) | Billing kWh (f) | kWh at Generation Level (1) (g) | Billing kW-Mo (h) | Peak Dema Distribution (i) | nd - kW Power Supply(2) (j) | Average Monthly LF (k) |
|-------------|------------------------|----------------------------|--|--|-------------------------------------|--|-----------------------|--|-------------------------|----------------------------------|-----------------------------------|---------------------------------|
| 1 | RESIDENTIAL | 5,109 | t | 5,109 | 1 | 5,109 | 49,046,400 | 55,734,545 | n/a | 7,998 | 9,089 | 70.0% |
| 2 | COMMERCIAL | 644 | 2 | 1,288 | 5 | 3,220 | 28,593,600 | 29,618,182 | n/a | 8,160 | 8,453 | 40.0% |
| 3 | INDUSTRIAL | 34 | 5 | 170 | 10 | 340 | 73,440,000 | 77,305,263 | 154,773 | 12,898 | 13,577 | 65.0% |
| 4 | CITY INTERDEPARTMENTAL | 89 | 2 | 178 | 2 | 178 | 5,233,200 | 5,420,719 | n/a | 1,195 | 1,238 | 50.0% |
| 5 | TOTAL SYSTEM | 5,876 | | 6,745 | | 8,847 | 156,313,200 | 168,078,710 | 154,773 | 30,251 | 32,356 | |

(1) Adjusted for losses.(2) Contribution to System Peak Demand

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COST OF SERVICE RESULTS

| | | | | | | | D | elivery Services | | | Consun | ner S | Services |
|------|--------------------------------|------------------|-----------------|------|-------------|-----------------|----|------------------|---------------|----|------------|-------|------------|
| Line | | | Powe | r Su | pply | | | Distribution | | _ | Meter | | Billing & |
| No. | Description | Totals | Demand | | Energy | Demand | | kWh Tax | Customer | - | Reading | _ | Collection |
| | | (a) | (b) | | (c) | (d) | | (e) | (f) | _ | (g) | | (h) |
| | UNITS OF SERVICE | | | | | | | | | | | | |
| 1 | Number | | 32,356 | | 168,078,710 | 30,251 | | 156,313,200 | 6,745 | | 8,847 | | 5,876 |
| 2 | Units | | kW | | kWh | kW | | kWh | Wt. Cust. | | Wt. Meters | | Customer |
| | UNIT COST OF SERVICE | | | | | | | | | | | | |
| 3 | Amount | \$ 15,515,460 | \$ 5,996,234 | \$ | 5,824,032 | \$ 2,195,866 | \$ | 639,321 | \$ 659,957 | \$ | 40,416 | S | 159,634 |
| 4 | Unit Cost of Service (\$/Unit) | | 185.32 | | 0.0347 | 72.59 | | 0.0041 | 97.84 | | 4.57 | | 27.17 |
| | Residential | | | | | | | | | | | | |
| 5 | Units of Service | | 9,089 | | 55,734,545 | 7,998 | | 49,046,400 | 5,109 | | 5,109 | | 5,109 |
| 6 | Cost of Service | \$ 5,086,312 | \$ 1,684,402 | \$ | 1,931,237 | \$ 580,586 | \$ | 228,066 | \$ 499,885 | \$ | 23,340 | \$ | 138,797 |
| 7 | Billing Units | | 49,046,400 | | 49,046,400 | 49,046,400 | | 49,046,400 | 61,308 | | 61,308 | | 61,308 |
| 8 | Cost Per Billing Unit | | \$ 0.0343 | \$ | 0.0394 | \$ 0.0118 | \$ | 0.0047 | \$ 8.15 | \$ | 0.38 | \$ | 2.26 |
| | Commercial | | | | | | | | | | | | |
| 9 | Units of Service | | 8,453 | | 29,618,182 | 8,160 | | 28,593,600 | 1,288 | | 3,220 | | 644 |
| 10 | Cost of Service | \$ 3,462,322 | \$ 1,566,454 | \$ | 1,026,288 | \$ 592,334 | \$ | 119,017 | \$ 126,023 | S | 14,710 | \$ | 17,496 |
| 11 | Billing Units | | 28,593,600 | | 28,593,600 | 28,593,600 | | 28,593,600 | 7,728 | | 7,728 | | 7,728 |
| 12 | Cost Per Billing Unit | | \$ 0.0548 | \$ | 0.0359 | \$ 0.0207 | \$ | 0.0042 | \$ 16.31 | \$ | 1.90 | \$ | 2.26 |
| | Industrial | | | | | | | | | | | | |
| 13 | Units of Service | | 13,577 | | 77,305,263 | 12,898 | | 73,440,000 | 170 | | 340 | | 34 |
| 14 | Cost of Service | \$ 6,420,288 | \$ 2,516,025 | \$ | 2,678,675 | \$ 936,218 | \$ | 270,259 | \$ 16,633 | \$ | 1,553 | \$ | 924 |
| 15 | Billing Units | | 154,773 | | 73,440,000 | 154,773 | | 73,440,000 | 408 | | 408 | | 408 |
| 16 | Cost Per Billing Unit | | \$ 16.26 | \$ | 0.0365 | \$ 6.05 | \$ | 0.0037 | \$ 40.77 | \$ | 3.81 | \$ | 2.26 |
| | City Intergovernmental | | | | | | | | | | | | |
| 17 | Units of Service | | 1,238 | | 5,420,719 | 1,195 | | 5,233,200 | 178 | | 178 | | 89 |
| 18 | Cost of Service | \$ 546,539 | \$ 229,354 | \$ | 187,831 | \$ 86,727 | \$ | 21,979 | \$ 17,416 | \$ | 813 | \$ | 2,418 |
| 19 | Billing Units | | 5,233,200 | | 5,233,200 | 5,233,200 | | 5,233,200 | 1,068 | | 1,068 | | 1,068 |
| 20 | Cost Per Billing Unit | | \$ 0.0438 | \$ | 0.0359 | \$ 0.0166 | \$ | 0,0042 | \$ 16.31 | \$ | 0.76 | \$ | 2.26 |

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Exhibit III-4

P.4 of 5

Exhibit III-5

COST OF SERVICE RESULTS VS. REVENUES AT CURRENT RATES

| Line | Customer Group | Revenues @ Current Rates | Cost of Service Results | | Under(Over) Re \$ | covery |
|------|------------------------|--------------------------------|-------------------------------|-----|----------------------|--------|
| No. | | (a) | (b) | | (c) | (d) |
| 1 | RESIDENTIAL | \$ 5,376,017 | \$ 5,086,312 | \$ | (289,705) | -5.39% |
| 2 | COMMERCIAL | \$ 3,422,381 | \$ 3,462,322 | \$ | 39,941 | 1.17% |
| 3 | INDUSTRIAL | \$ 6,539,425 | \$ 6,420,288 | \$ | (119,137) | -1.82% |
| 4 | CITY INTERGOVERNMENTAL | \$ 476,374 | \$ 546,539 | \$ | 70,165 | 14.73% |
| 5 | TOTAL SYSTEM | \$ 15,814,196 | \$ 15,515,460 | - · | (298,736) | -1.89% |

napolcos.xls 25-Apr-14

Moving "60,000 Adder to Base Rates:

RE: Updated Revenue Requirement Model

05/02/2014 01:37 PM "John Courtney" <john@courtney-associates.com> From: "Gregory J Heath" <gheath@napoleonohio.com> To: "Roxanne Dietrich" <rdietrich@napoleonohio.com>, "Scott Wieging" <scott@courtney-Cc: associates.com>, "IRELAN, MONICA" <mirelan@napoleonohio.com>, "Dr. Jon A. Bisher" <jbisher@napoleonohio.com> Attachments: 2013-01-JANUARY - WITHOUT \$60K.xls (295.1 kB); 2013-02-FEBRUARY - WITOUT \$60K.xls (297.7 kB); 2013-03-MARCH - WITHOUT \$60K.xls (292.5 kB); 2013-04-APRIL -WITHOUT \$60K.xls (292.5 kB); 2013-05-MAY - WITHOUT \$60K.xls (302.8 kB); 2013-06-JUNE - WITHOUT \$60K.xls (305.9 kB); 2013-07-JULY - WITHOUT \$60K.xls (304.4 kB); 2013-08-AUGUST - WITHOUT \$60K.xls (298.2 kB); 2013-09-SEPTEMBER - WITHOUT \$60K.xls (291.5 kB); 2013-10-OCTOBER - WITHOUT \$60K.xls (286.9 kB); 2013-11-NOVEMBER - WITHOUT \$60K.xls (286.9 kB); 2013-12-DECEMBER - WITHOUT \$60K.xls (298.2 kB);

Greg:

As a follow-up to your comments, I recalculated the PCF excluding the \$60,000 adder for each month of 2013 (see attached spreadsheets) and then compared the revised Generation Charges and Demand Charges to the actual Generation Charges and Demand Charges to determine how much the base rates would need to be increased in order to recover the \$60,000 adder in the same manner as it was actually charged. The results of my calculations are reflected in the spreadsheet titled 'RATES WO \$60K'. The base rate adjustments are reflected on line 63 of my model.

Please note that this analysis merely passes on the \$60,000 adder in the same manner as it is currently being recovered. Arguably, the \$60,000 could be recovered in a different manner, but in theory, this approach would not result in any increase, or decrease in rates for any customer.

Please review this information and let me know what you think.

JTC

| Line | | | | | | ion Charge (\$/kWh) arge Power | Industrial | Demand Charg Large Power | e (\$/kW) Industrial | | |
|--|---|--------------------|--|---|---|--|--|---|--|----|---|
| No. | Decription/Month | Res/L | nterdept | Commercial | L | arge Power | 110030101 | | | | |
| | JANUARY | | | | | | | 15.15 \$ | 17.27 | | |
| 1 | As-Billed | \$ | 0.08140 \$ | 0.10018 | \$ | 0.04858 \$ | 0.04858 \$ 0.04587 | 15.15 \$ | 16.30 | | |
| 2 | WO/\$60K | s | 0.07686 | 0.09459 0.00559 | د | 0.00271 \$ | 0.00271 \$ | 0.85 \$ | 0.97 | | |
| 3 4 | Difference Billing Units | > | 4,115,198 | 2,409,991 | * | 3,025,972 | 2,877,924 | 7,609 | 5,314 | | 12,429,085 |
| 5 | Amount | \$ | 18,683 \$ | 13,472 | \$ | 8,200 \$ | 7,799 \$ | 6,468 \$ | 5,155 | \$ | 59,777 |
| | FEBRUARY | | | | | | | | | | |
| 6 | As-Billed | \$ | 0.07971 \$ | 0.09915 | \$ | 0.04923 \$ | 0.04923 \$ | 14.14 \$ 13 34 | 15.46 14.58 | | |
| 7 | WO/\$60K | | 0.07519 | 0.09353 | | 0.04643 | 0.04643 | 0.80 \$ | D.88 | | |
| 8 | Difference | \$ | 0.00452 \$ | 0.00562 2,278,470 | \$ | 2,889,684 | 2,675,341 | 7,559 | 5,413 | | 12,388,928 |
| 9 10 | Billing Units Amount | \$ | 20,545 \$ | 12,805 | \$ | 8,091 \$ | 7,491 \$ | 6,047 \$ | 4,763 | \$ | 59,743 |
| | | | | | | | | | | | |
| 11 | MARCH As-Billed | \$ | 0.07757 \$ | 0.09706 | \$ | 0.05188 \$ | 0.05188 \$ | 12.30 \$ | 13.61 | | |
| 12 | WO/\$60K | | 0.07316 | 0.09154 | · | 0.04893 | 0.04893 | 0.70 \$ | 12.83 | | |
| 13 | Difference | Ş | 0.00441 \$ | | Ş | 0.00295 \$ 2,641,342 | 2,552,115 | 7,837 | 5,222 | | 12,552,771 |
| 14 15 | Billing Units Amount | \$ | 5,146,538 22,696 \$ | 2,212,776 12,215 | \$ | 7,792 \$ | 7,529 \$ | 5,486 \$ | 4,073 | \$ | 59,791 |
| 15 | | · | | | | | | | | | |
| 16 | APRIL As-Billed | Ş | 0.06358 \$ | 0.07121 | \$ | 0.04114 \$ | 0.04114 \$ | 10.31 \$ | 12.30 | | |
| 17 | WD/\$60K | | 0.05937 | 0.0665 | | 0.03842 | 0.03842 | 9.62 | 11.48 | | |
| 18 | Difference | \$ | 0.00421 \$ | | \$ | 0.00272 \$ | 0.00272 \$ 3,093,950 | 0.69 \$ 7,272 | 0.82 5,436 | | 13,874,997 |
| 19 | Billing Units | | 5,380,401 | 2,330,637 10,977 | ć | 3,070,009 8,350 \$ | 3,093,950 8,416 \$ | 5,018 \$ | 4,458 | \$ | 59,870 |
| 0 | Amount | \$ | 22,651 \$ | 10'211 | Ŷ | ب مەدىرە | ., V | -, • | | | |
| | MAY | \$ | 0.07345 \$ | 0.08864 | \$ | 0.04769 \$ | 0.04769 \$ | 12.27 \$ | 13.65 | | |
| 21 | As-Billed WO/\$60K | ÷ | 0.06896 | 0.08322 | | 0.04477 | 0.04477 | 11.52 | 12.81 | | |
| 22 23 | Difference | \$ | 0.00449 \$ | | | 0.00292 \$ | 0.00292 \$ | 0.75 \$ | 0.84 | | 12,499,962 |
| 24 | Billing Units | | 4,680,364 | 2,268,540 | ~ | 2,771,982 | 2,779,076 8,115 \$ | 7,487 5,615 \$ | 5,552 4,664 | ş | 12,499,902 59,798 |
| 25 | Amount | Ş | 21,015 \$ | 12,295 | \$ | 8,094 \$ | 8,113 3 | 5,615 5 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | |
| | JUNE | | | 0.00004 | , | 0.04663 \$ | 0.04663 \$ | 13.17 \$ | 15.11 | | |
| 26 | As-Billed | \$ | 0.07479 \$ 0.07023 | 0.08884 | | 0.04379 | 0.04379 | 12.37 | 14.19 | | |
| 7 | WO/\$60K Difference | \$ | 0.00456 \$ | | | 0.00284 \$ | 0.00284 \$ | 0.80 \$ | 0.92 | | 42 422 622 |
| 28 29 | Billing Units | Ŧ | 4,522,271 | 2,155,216 | | 3,017,697 | 2,777,439 | 7,494 | 5,330 4,904 | 5 | 12,472,623 59,638 |
| 30 | Amount | \$ | 20,622 \$ | 11,660 | Ş | 8,570 \$ | 7,888 \$ | 5,995 \$ | 4,504 | 7 | 55,500 |
| | JULY | | | | | | 0.05150 \$ | 13.33 \$ | 14.08 | | |
| 31 | As-Billed | \$ | 0.08182 \$ | | | 0.05150 \$ 0.04843 | 0.04843 | 12.53 | 13.24 | | |
| 32 | WO/\$60K | ~ | 0.07694 | 0.0964 | | 0.00307 \$ | 0.00307 \$ | 0.80 \$ | 0.84 | | |
| 33 | Difference | \$ | 3,592,042 | 2,132,269 | | 3,001,164 | 2,958,628 | 7,995 | 5,330 | | 11,684,103 |
| 34 35 | Billing Units Amount | \$ | 17,529 \$ | | | 9,214 \$ | 9,083 \$ | 6,396 \$ | 4,477 | \$ | 59,727 |
| | AUGUST | | | | | | | | | | |
| 36 | As-Billed | \$ | 0.08713 \$ | | | 0.05623 \$ | 0.05623 \$ | 12.35 \$ 11.68 | 12.92 12.22 | | |
| 37 | WO/\$60K | | 0.08241 | 0.0997 | | 0.05318 0.00305 \$ | 0.05318 0.00305 \$ | 0.67 \$ | 0.70 | | |
| 38 | Difference | \$ | 0.00472 | \$ 0.00577 2,229,241 | | 3,159,748 | 3,145,132 | 8,115 | 5,480 | | 12,449,806 |
| 39 40 | Billing Units Amount | \$ | 3,915,685 18,482 \$ | | | 9,637 \$ | 9,593 \$ | 5,437 \$ | 3,836 | \$ | 59,736 |
| 40 | | | | | | | | | | | |
| 41 | SEPTEMBER As-Billed | \$ | 0.08226 | | | 0.05605 \$ | 0.05605 \$ | | 11.46 10.85 | | |
| 42 | WO/\$60K | | 0.07793 | 0.0930 | | 0.0531 | 0.0531 | 10.22 | | | |
| 43 | Difference | \$ | 0.00433 | | | 0.00295 \$ 3,155,785 | 2,869,856 | 8,938 | 5,358 | | 13,325,618 |
| 44 45 | Billing Units Amount | \$ | 4,904,386 21,236 | 2,395,591 \$ 12,385 | | 9,310 \$ | 8,466 \$ | | | \$ | 59,617 |
| 40 | | * | | | | | | | | | |
| | OCTOBER As-Billed | \$ | 0.07788 | | | 0.05370 \$ | 0.05370 \$ | | | | |
| AF | | Ŧ | 0.07377 | 0.0897 | 2 | 0.05086 | 0.05086 | 10.77 | 11.66 0.65 | | |
| 46 47 | | | | \$ 0.0050 | | 0.00284 \$ 3,414,056 | 0.00284 \$ 3,126,136 | 0.60 \$ 8,634 | 5,497 | | 13,874,506 |
| 46 47 48 | WO/\$60K Difference | \$ | 0.00411 | | | 4 71 14 1156 | 3.1.0.130 | | | \$ | |
| 47 48 49 | WO/\$60K Difference Billing Units | | 4,744,511 | 2,589,803 | | 9,696 \$ | 8,878 \$ | 5,180 \$ | | ş | 59,777 |
| 47 | WO/\$60K Difference | \$ \$ | | 2,589,803 | | | | 5,180 \$ | ., | \$ | 59,777 |
| 47 48 49 50 | WO/\$60K Difference Billing Units Amount NOVEMBER | \$ | 4,744,511 19,500 | 2,589,803 \$ 12,945 | \$ | | | 10.54 \$ | 11.31 | ş | 59,777 |
| 47 48 49 50 51 | WO/\$60X Difference Billing Units Amount NOVEMBER As-Billed | | 4,744,511 | 2,589,803 \$ 12,945 \$ 0.0879 0.0831 | 4 \$ <u>2</u> | 9,696 \$ 0.05040 \$ 0.04764 | 8,878 \$ 0.05040 \$ 0.04764 | 10.54 \$ 9.96 | 11.31 10.69 | \$ | 59,777 |
| 47 48 49 50 | WO/\$60K Difference Billing Units Amount NOVEMBER | \$ | 4,744,511 19,500 0.07512 0.0710 0.00412 | 2,589,803 \$ 12,945 \$ 0.0879 0.0831 \$ 0.0048 | 4 \$ 2 <u>2</u> 2 \$ | 9,696 \$ 0.05040 \$ 0.04764 0.00276 \$ | 8,878 \$ 0.05040 \$ 0.04764 0.00276 \$ | 10.54 \$ <u>9.96</u> 0.58 \$ | 11.31 10.69 0.62 | ş | 59,777 14,148,410 |
| 47 48 49 50 51 52 53 54 | WO/\$60X Difference Billing Units Amount NOVEMBER As-Billed WO/\$60K Difference Billing Units | \$ \$ \$ | 4,744,511 19,500 0.07512 0.0710 0.00412 4,706,237 | 2,589,803 \$ 12,945 \$ 0.0879 0.0831 \$ 0.0048 2,849,116 | 4 \$ 4 \$ 2 \$ | 9,696 \$ 0.05040 \$ 0.04764 0.00276 \$ 3,516,637 | 8,878 \$ 0.05040 \$ 0.04764 | 10.54 \$ | 11.31 10.69 0.62 5,285 | \$ | 14,148,410 |
| 47 48 49 50 51 52 53 54 | WO/\$60X Difference Billing Units Amount NOVEMBER As-Billed WO/\$60K Difference | \$ | 4,744,511 19,500 0.07512 0.0710 0.00412 | 2,589,803 \$ 12,945 \$ 0.0879 0.0831 \$ 0.0048 2,849,116 | 4 \$ 4 \$ 2 \$ | 9,696 \$ 0.05040 \$ 0.04764 0.00276 \$ | 8,878 \$ 0.05040 \$ 0.04764 0.00276 \$ 3,076,426 | 10.54 \$ | 11.31 10.69 0.62 5,285 | | 14,148,410 |
| 47 48 49 50 51 52 53 54 55 | WO/\$60X Difference Billing Units Amount NOVEMBER As-Billed WO/\$60K Difference Billing Units Amount DECEMBER | \$ \$ \$ | 4,744,511 19,500 0.07512 0.0710 0.00412 4,706,237 19,390 | 2,589,803 \$ 12,945 \$ 0.0879 0.0831 \$ 0.0048 2,849,110 \$ 13,733 | 4 \$ 2 2 \$ 3 \$ | 9,696 \$ 0.05040 \$ 0.04764 0.00276 \$ 3,516,637 9,706 \$ | 8,878 \$ 0.05040 \$ 0.04764 0.00276 \$ 3,076,426 | 10.54 \$ 9.96 0.58 \$ 8,842 5,128 \$ | 11.31 10.65 0.62 5,285 3,277 14 67 | | 14,148,410 |
| 47 48 49 50 51 52 53 54 55 55 | WO/\$60X Difference Billing Units Amount NOVEMBER As-Billed WO/\$60X Difference Billing Units Amount DECEMBER As-Billed | \$ \$ \$ | 4,744,511 19,500 0.07512 0.0710 0.00412 4,706,237 | 2,589,803 \$ 12,945 \$ 0.0879 0.0831 \$ 0.0048 2,849,110 \$ 13,733 | 4 \$ 2 2 \$ 3 \$ | 9,696 \$ 0.05040 \$ 0.00276 \$ 3,516,637 9,706 \$ 0.05139 \$ 0.05435 | 8,878 \$ 0.05040 \$ 0.04764 0.00276 \$ 3,076,426 8,491 \$ 0.05139 \$ 0.04835 | 10.54 \$ 9.96 0.58 \$ 8,842 5,128 \$ 12.54 \$ 11.79 | 11.31 10.69 0.62 5,285 3,277 14 67 13 81 | | 14,148,410 |
| 47 48 49 50 51 52 53 54 55 55 56 57 | WO/\$60X Difference Billing Units Amount NOVEMBER Ass-Billed WO/\$60K Difference Billing Units Amount DECEMBER As-Billed WO/\$60K | \$ \$ \$ | 4,744,511 19,500 0.07512 0.0710 0.00412 4,706,237 19,390 0.07728 | 2,589,803 5 12,945 5 0.0879 0.0831 5 0.0048 2,849,114 5 13,733 5 0.0944 0885 5 0.0055 | 4 \$ 22 \$ 3 \$ 19 \$ 19 \$ | 9,696 \$ 0.05040 \$ 0.04764 0.00276 \$ 3,516,637 9,706 \$ 0.05139 \$ 0.04835 0.00304 \$ | 8,878 \$ 0.05040 \$ 0.04764 0.00276 \$ 3,076,426 8,491 \$ 0.05139 \$ 0.04835 0.00304 \$ | 10.54 \$ 9.96 0.58 \$ 8,842 5,128 \$ 12.54 \$ 11.79 0.75 \$ | 11.31 10.69 0.62 5,285 3,277 14 67 13.81 0.86 | | 14,148,410 59,724 |
| 47 48 49 50 51 52 53 54 55 56 | WO/\$60X Difference Billing Units Amount NOVEMBER As-Billed WO/\$60X Difference Billing Units Amount DECEMBER As-Billed | \$ \$\$ \$\$ | 4,744,511 19,500 0.07512 0.00710 0.00412 4,706,237 19,390 0.07728 0.07728 0.00457 3,583,780 | 2,589,803 5 12,945 5 0.0879 0.0831 5 0.0048 2,849,110 5 13,733 5 0.0944 - 0.0885 5 0.0055 2,552,411 | 4 \$ 22 \$ 3 \$ 19 \$ 19 \$ 19 \$ | 9,696 \$ 0.05040 \$ 0.04764 0.00276 \$ 3,516,637 9,706 \$ 0.05139 \$ 0.04835 0.00304 \$ 3,109,103 | 8,878 \$ 0.05040 \$ 0.04764 0.00276 \$ 3,076,426 8,491 \$ 0.05139 \$ 0.04835 0.00304 \$ 3,045,850 | 10.54 \$ 9.96 0.58 \$ 8,842 5,128 \$ 12.54 \$ 11.79 0.75 \$ 7,876 | 11.31 10.69 0.62 5,285 3,277 14 67 13 81 0.86 5,270 | | 14,148,410 59,724 12,291,147 |
| 47 48 49 50 51 52 53 54 55 55 56 57 58 | WO/\$60X Difference Billing Units Amount NOVEMBER As-Billed WO/\$60X Difference Billing Units Amount DECEMBER As-Billed WO/\$60X Difference | \$ \$\$ \$ | 4,744,511 19,500 0.07512 0.0710 0.00412 4,706,237 19,390 0.07728 0.07728 0.07271 0.00457 | 2,589,803 5 12,945 5 0.0879 0.0831 5 0.0048 2,849,110 5 13,733 5 0.0944 - 0.0885 5 0.0055 2,552,411 | 4 \$ 22 \$ 3 \$ 19 \$ 19 \$ 19 \$ | 9,696 \$ 0.05040 \$ 0.04764 0.00276 \$ 3,516,637 9,706 \$ 0.05139 \$ 0.04835 0.00304 \$ | 8,878 \$ 0.05040 \$ 0.04764 0.00276 \$ 3,076,426 8,491 \$ 0.05139 \$ 0.04835 0.00304 \$ | 10.54 \$ 9.96 0.58 \$ 8,842 5,128 \$ 12.54 \$ 11.79 0.75 \$ 7,876 | 11.31 10.69 0.62 5,285 3,277 14 67 13 81 0.86 5,270 | \$ | 14,148,410 59,724 12,291,147 |
| 47 48 49 50 51 52 53 54 55 56 57 58 59 60 | WO/S60X Difference Billing Units Amount NOVEMBER As-Billed WO/S60K Difference Billing Units Amount DECEMBER As-Billed WO/S60K Difference Billing Units Amount TOTAL | \$ \$\$ \$\$ | 4,744,511 19,500 0.07512 0.0710 0.00412 4,706,237 19,390 0.07728 0.077728 0.077728 3,583,780 16,378 | 2,589,803 5 12,945 5 0.0879 0.0831 5 0.0048 2,849,114 5 13,733 5 0.0944 0.0885 5 0.0055 2,552,411 5 14,265 | 4 \$ 22 \$ 3 \$ 19 \$ 19 \$ 19 \$ 19 \$ | 9,696 \$ 0.04764 0.00276 \$ 3,516,637 9,706 \$ 0.05139 \$ 0.04835 0.00304 \$ 3,109,103 9,452 \$ | 8,878 \$ 0.05040 \$ 0.04764 3,076,426 8,491 \$ 0.05139 \$ 0.04835 0.00304 \$ 3,045,850 9,259 \$ | 10.54 \$ 9.96 0.58 \$ 8,842 5,128 \$ 12.54 \$ 11.79 0.75 \$ 7,876 5,907 \$ | 11.31 10.69 0.62 5,285 3,277 14 67 13.81 0.86 5,270 4,532 | \$ | 14,148,410 59,724 12,291,147 5 59,796 5 716,994 |
| 47 48 49 50 51 52 53 54 55 55 56 57 58 59 | WO/S60X Difference Billing Units Amount NOVEMBER As-Billed WO/S60K Difference Billing Units Arnount DECEMBER As-Billed WO/S50K Difference Billing Units Arnount | \$ \$\$ \$\$ | 4,744,511 19,500 0.07512 0.00710 0.00412 4,706,237 19,390 0.07728 0.07728 0.00457 3,583,780 | 2,589,803 5 12,945 5 0.0879 0.0831 5 0.0048 2,849,114 5 13,733 5 0.0944 0.0885 5 0.0055 2,552,411 5 14,265 | 4 \$ 2 \$ 2 \$ 3 \$ 19 \$ 19 \$ 19 \$ 4 8 \$ 8 \$ | 9,696 \$ 0.05040 \$ 0.04764 0.00276 \$ 3,516,637 9,706 \$ 0.05139 \$ 0.04835 0.00304 \$ 3,109,103 | 8,878 \$ 0.05040 \$ 0.04764 0.00276 \$ 3,076,426 8,491 \$ 0.05139 \$ 0.04835 0.00304 \$ 3,045,850 | 10.54 \$ 9.96 0.58 \$ 8,842 5,128 \$ 12.54 \$ 11.79 0.75 \$ 7,876 5,907 \$ 5,907 \$ | 11.31 10.69 0.62 5,285 3,277 14.67 13.81 0.86 5,270 4,532 5,0926 64,487 | \$ | 14,148,410 59,724 12,291,147 5 59,796 |



To:Dr. Jon Bisher, City ManagerFrom:Marc S. Gerken, P.E., President/CEOSubject:AMPGS Stranded Cost Payment OptionsDate:April 16, 2014

The purpose of this memo is to inform you, as a participant in the AMPGS project, the City of Napoleon's net AMPGS liability for stranded costs currently held on AMP's revolving line of credit facility (LOC) at March 31, 2014, including any payments made by the City, is \$820,991.00 (please see **Attachment A**). Stranded costs are subject to change, including future borrowings costs on the LOC. That amount does not include allocation of the \$34,881,074 Plant Held for Future Use potential liability.

Subject to the continued renewal of the LOC, AMP is prepared to assist the City with a payment plan of your choosing for a payback period of up to 15 years. The City may choose to include these payments as part of their monthly power invoice from AMP or pay their respective AMPGS liability in one or several lump sum payments. AMP prefers that these amounts would be invoiced to your municipality through the AMP monthly power supply invoices in order for these costs be recovered through your power cost adjustment. Please utilize **Attachment B** to this memo to make your selection, being sure an authorized signatory executes the document and returning **Attachment B** to the attention of Marty Engelman (mengelman@amppartners.org, 614-540-0851) at AMP headquarters, 1111 Schrock Rd, Columbus, OH 43229 by June 1, 2014.

AMP would like to emphasize the expectation that whatever payment option is chosen, the payment option should not cause the Electric Fund to exhibit an annual operating loss at any time during the payment period or cause the municipality to fail any covenants for its own debt service, AMP Joint Venture (JV) debt service if a participant in a JV, or reflect unfavorably on the municipal's AMP project participation.

As you have questions in deciding your payment options or would like assistance in determining the potential effects on your Electric Fund of a particular payment option under consideration, please contact Chris Deeter (cdeeter@amppartners.org, 614-540-0848) at AMP.

ATTACHMENT A PAGE 1 OF 1

| | Original Ordinance kW | AFEC Allocation kW | AMPGS Stranded Costs | AMPGS AFEC Credit | AMPGS Plt held future use Credit | Less Municipal Payments | Net AMPGS Stranded Liability |
|----------------------|-----------------------------|--------------------------|----------------------------|-------------------------|---|-------------------------------|---------------------------------------|
| Napoleon | 12,000 | 6,650 | 2,078,311 | (714,622) | (542,698) | - | 820,991 |
| Plus: Potential P | lant Held for | r Future Use | e Liability | | | | 542,698 |
| | | | | | Total | | 1,363,689 |

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We ask that you please complete this form and return to the attention of Marty Engelman (<u>mengelman@amppartners.org</u>, 614-540-0851) at AMP headquarters, 1111 Schrock Rd, Columbus, OH 43229 by June 1, 2014.

Options for Payment of AMPGS Sunk Costs (More than one option can be selected) also Options (after contacting AMP) may be modified in the future as necessary:

Option A – Single Lump Sum Payment \$_____ Month and Year_____

□ Option B – Multiple Lump Sum Payments through power supply invoices up to 15 years

-Please include in monthly power supply invoice(s) during year(s) as indicated below:

| | \$ per Month in Year |
|-----------|-------------------------|
| | \$ per Month in Year |
| | \$ per Month in Year |
| | \$ per Month in Year |
| \square | \$ per Month in Year |
| | \$ per Month in Year |
| | \$ per Month in Year |
| | \$ per Month in Year |
| \square | \$ per Month in Year |
| | \$ per Month in Year |
| \square | \$ per Month in Year |
| \Box | \$ per Month in Year |
| \square | \$ per Month in Year |
| | \$ per Month in Year |
| | \$ per Month in Year |
| | |

□ Option C – Multiple Lump Sum Payments, separately invoiced up to 15 years

-Please send a separate monthly or annual invoice(s) during year(s) as indicated below:

| □\$ | per Month or Annual | in Year |
|-------------|---------------------|-----------|
| □\$ | per Month or Annual | in Year |
| □ \$ | per Month or Annual | in Year |
| □ \$ | per Month or Annual | _ in Year |
| □\$ | per Month or Annual | _ in Year |
| □ \$ | per Month or Annual | _ in Year |
| □ \$ | per Month or Annual | in Year |
| □\$ | per Month or Annual | in Year |
| □\$ | per Month or Annual | _ in Year |
| □ \$ | per Month or Annual | in Year |
| □\$ | per Month or Annual | in Year |

| C \$ | per Month or Annual | in Year |
|------|---------------------|---------|
| □\$ | per Month or Annual | in Year |
| C \$ | per Month or Annual | in Year |
| □\$ | per Month or Annual | in Year |

If there is a desire to pay on your municipality's Plant Held for Future Use potential liability, please contact Chris Deeter (<u>cdeeter@amppartners.org</u>, 614-540-0848) at AMP for assistance and payment arrangements.

If you want to make any other payment arrangements, also please contact Chris Deeter (<u>cdeeter@amppartners.org</u>, 614-540-0848) at AMP for assistance with alternate payment arrangements.

Community

Authorized Representative Name (Printed)

Authorized Representative Signature

Date

AMP statement on AMPGS Bechtel litigation

Late in the afternoon of Monday, March 31 AMP received the Federal Court's 41-page decision denying in part and granting in part Bechtel's Motion for Summary Judgment regarding the legal suit between AMP and Bechtel stemming from the AMPGS project.

As a reminder, in November 2009, AMP, based on the directive of the project participants and the Board of Trustees, cancelled the AMPGS project and terminated its contract with Bechtel Power with cause following an unanticipated October 2009 "surprise" increase of approximately \$1 billion in the indicative estimated price of the project. The legal suit was filed in February 2011 from Bechtel's August 2008 and May 2009 estimates. A major issue in the case was whether Bechtel acted wantonly or recklessly in performing under the contract. AMP argued that under either standard Bechtel should not get the benefit of the contract's limitation of liability provision and was entitled to nearly \$100 M in damages.

Based on our initial review of the decision, the Court found it should apply the higher "wanton" or "no care whatsoever" standard to Bechtel's conduct rather than the lower "reckless" standard defined as the "conscious disregard of or indifference to a known or obvious risk of harm to another which is unreasonable under the circumstances," as AMP had argued. The Court found that Bechtel was required to trend its similar project information and that Bechtel never did so. Despite recognizing that Bechtel failed to perform various trend related contractual obligations including a complete failure to trend its indicative estimate with information from similar projects as it was obligated to do and Bechtel failed to trend its price impacts as early as it should, the Court nonetheless found Bechtel did trend "some" items, which demonstrated "some" care, and therefore, the Court could not find that Bechtel exercised "no care whatsoever." As a result, the Court found that despite Bechtel's failure to comply with its contractual trend obligations, the contract's limitation of liability clause must be enforced, limiting any damage recovery to \$500,000.00. Limitation of liability clauses are standard in such contracts.

AMP believes the Court applied the wrong, higher standard, and also believes the evidence showed that under either standard AMP should have prevailed; because Bechtel did exercise "no care whatsoever", as concluded in the report of AMP's expert witness. AMP claimed that conduct directly resulted in the AMPGS cancellation after AMP had incurred significant expenses in reliance upon Bechtel's earlier, deficient price estimates.

AMP's General Counsel John Bentine stated that, "We agree with the Court's findings that Bechtel failed in a material way to perform very important contractual trending obligations. We are, however, obviously extremely disappointed by the Court's decision that Bechtel's failures to perform are "protected" by the contract's limitation of liability provision. AMP Executive Management and Litigation Counsel are analyzing the decision and our options in order to formulate further steps to recommend to the AMP Board of Trustees and the AMPGS participants, who will make those determinations."

If you have questions, please contact Kent Carson, sr. director of media relations and communications program at 614-540-0842 or kcarson@amppartners.org.

AMPGS Local Government Participant Accounting & Disclosure

In November 2009, certain Ohio governments participating in the AMP Generating Station Project ("the AMPGS Project") voted to terminate the development of a coal power plant in Meigs County. In August 2010, the AMPGS participants voted to convert the AMPGS Project to a Natural Gas Combined Cycle Plant. In February 2011, the participants suspended development of the Natural Gas Combined Cycle Plant.

The AMPGS project participants signed "take or pay" contracts with AMP. As such, project participants are contractually obligated to pay any costs incurred for the project. We understand that AMP has reported to the participants approximately \$86 million in total "stranded costs" as part of their obligations under the "take or pay" contracts. AMP is working with the AMPGS project participants to establish a formal plan for recovery on a participant-by-participants. To date, we understand there has not been a determination of the final costs for the AMPGS participants. AMP is pursuing legal claims against the construction contractor and has identified other revenue / credits that might offset certain participants' obligations.

Because of the differing circumstances of each Ohio governmental participant's investment in the AMPGS Project, it is not possible to determine a common method of accounting and disclosure applicable to all participants. Accordingly, each government must assess the facts and circumstances of its past and expected transactions related to the AMPGS Project and determine its accounting under generally accepted accounting principles or other basis of accounting used to present its annual financial statements. We encourage each government to assess all facts relevant to their particular situation and consult with legal counsel and other experts in determining the accounting and disclosure of these matters.

Potentially Applicable Accounting Guidance:

1. GASB 62 Contingencies:

¶ 102 An estimated loss from a loss contingency (as defined in paragraph 96) should be accrued if both of the following conditions are met:

a. Information available prior to issuance of the financial statements indicates that it is probable that an asset had been impaired or a liability had been incurred at the date of the financial statements. It is implicit in this condition that it should be probable that one or more future events will occur confirming the fact of the loss.

b. The amount of loss can be reasonably estimated.

¶ 104 When condition (a) in paragraph 102 is met with respect to a particular loss contingency and the reasonable estimate of the loss is a range, condition (b) in paragraph 102 is met and an amount should be accrued for the loss. When some amount within the range appears at the time to be a better estimate than any other amount within the range, that amount should be accrued. When no amount within the range is a better estimate than any other amount, however, the minimum amount in the range should be accrued. In addition, paragraph 106 may require disclosure of the nature and, in some circumstances, the amount accrued, and paragraph 107 requires disclosure of the nature of the contingency and the additional exposure to loss if there is at least a reasonable possibility of loss in excess of the amount accrued.

¶ 107 If no accrual is made for a loss contingency because one or both of the conditions in paragraph 102 are not met, or if an exposure to loss exists in excess of the amount accrued pursuant to the provisions of paragraph 102, disclosure of the contingency should be made when there is at least a reasonable

possibility that a loss or an additional loss may have been incurred. The disclosure should indicate the nature of the contingency and should give an estimate of the possible loss or range of loss or state that such an estimate cannot be made. . .

2. Recognizing losses on take or pay contracts, per GASB 62, ¶200:

Net Losses on Firm Purchase Commitments

The recognition in a current period of losses arising from the decline in the utility of inventory is equally applicable to similar losses that are expected to arise from firm, *uncancelable*, and unhedged *commitments* for the future purchase of inventory items. The net loss on such commitments should be measured in the same way as are inventory losses and should be separately recognized in the flows statement. The utility of such commitments is not impaired, and, therefore, there is no loss when the amounts to be realized from the disposition of the future inventory items are adequately protected by firm sales contracts or when there are other circumstances that reasonably assure continuing sales without price decline.

- (FASB Cod. 440-10-15 explains why "take or pay" contracts" can create "uncancelable commitments", as described above. Electricity the AMPGS project would have generated is "inventory" in this circumstance.)
- 3. **Per GASB 55, ¶5,** we believe the following is applicable "other accounting literature," relevant to determining whether a participant may net potential "AMP credits" (such as amounts from the Fremont / AFEC project) against the stranded costs. Unless the following applies, governments must report AMP credits separately from AMPGS stranded costs, and may not net (i.e. "offset") them.

Accounting Standards Codification Topic 210-20, Offsetting:

The general principle is that it is not proper to offset assets and liabilities in the balance sheet, unless a right of offset exists (if all of the following are satisfied):

- A. Amounts of debt are determinable
- B. Reporting entity has the "right" to setoff
- C. The right is enforceable by law
- D. Reporting entity has the "intention" to setoff.
- 4. Finally, GASB 62, ¶ 476 500 explains the requirements necessary to record a regulatory asset when a government-regulated utility intends to recover costs from future electric rate increases.

Disclosures:

- 1. Description of the AMPGS project, including:
 - a. The participant's share of kW and its share of incurred project costs (i.e. stranded costs).
 - b. Circumstances causing the project's termination, and date terminated.
 - c. Management's assessment of communications received from AMP and others regarding risks and uncertainties.
- 2. Amounts the government believes reduce its share of stranded costs, and reasons supporting why these reductions are recoverable
 - a. Governments may choose to disclose the amount and nature of "credits" AMP is offering to reduce the maximum at-risk (i.e. stranded) amount, if evidence supports the government has a legally-enforceable right to these credits.
 - b. Description of why these credits reduce the amount at risk.
 - c. Whether the government recorded any of these credits in its financial statements as of December 31, 2011.

- d. Whether the government intends to offset (i.e. net) its gross at-risk amount with available credits.
 - i. Governments cannot accrue or disclose these credits as a reduction of stranded costs unless the credits satisfy **the right of offset** described in the accounting guidance above.
 - ii. Note the right of offset exists only if enforceable by law. Determining legal enforceability requires legal expertise. It is not an accounting determination.
 - iii. Otherwise, governments must account for these credits separately from the maximum atrisk amount (i.e. must account for credits and the at-risk maximum amounts *gross* instead of *netting* them).
- 3. Management's rationale for its accounting treatment:
 - a. The rationale for not recording total stranded costs as a current expense.
 - b. If the government has paid amounts to AMP:
 - i. Amount and when paid
 - ii. Management's rationale supporting the accounting applied to the payment, such as <u>why</u> reported as:
 - 1. Debit to expense (or partially expensed, such as the minimum amount in GASB 62 ¶ 104)
 - 2. Debit to regulatory asset
 - a. Why and how the government will meet the requirements of GASB 62 ¶ 476 --- 500 to record this amount as a regulatory asset
 - 3. Debit to prepayment / deposit
 - 4. Debit to loan to AMP
 - a. Interest earned through Dec. 31, 2011 on the prepayment or loan
 - 5. The amount credited as a liability and how management determined this amount
 - a. Or why management believes GAAP does not require reporting a liability as of Dec. 31, 2011
 - c. Experts upon which management relied in determining their accounting treatment, such as:
 - i. The government's legal counsel's assessment of the lawsuit
 - ii. Information from AMP the government is relying on
 - iii. Advice from other parties (if any) the government relied on in determining its accounting
 - d. Reasons supporting why AMP credits or alternative uses of project assets legitimately reduce the government's stranded costs.
 - e. Evidence supporting that the right to any credits is legally enforceable.
- 4. If the government (a) has covenants related to this matter (such as debt service covenants related to AMP joint ventures) and (b) did not record an expense and liability for its maximum "at risk" amount as a 2010 or 2011 expense and liability:
 - a. Disclose the amount of stranded costs that, if added to 2011 expenses, would have caused a covenant violation.
- 5. If future events require the government to pay amounts in the future, how it intends to finance these costs.
 - a. Record a regulatory asset and build the cost into future electric rates
 - b. Pay from accumulated earnings without adjusting rates
 - c. Issue debt
 - d. Other

We encourage governments to review all the above matters diligently and thoroughly, because any oversight or misuse of facts discovered subsequent to issuing financial statements is cause for restating and reissuing them.

Governments must provide their auditors with sufficient, appropriate evidence to support amounts and disclosures related to the AMPGS project. Verbal assertions are likely insufficient evidence to support most of the matters described above. A lack of sufficient evidence would require auditors to consider whether there was a restriction on the audit's scope.

City of Napoleon, Ohio

BOARD OF PUBLIC AFFAIRS (BOPA)

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

Meeting Agenda

Monday, May 12, 2014 at 6:30 PM

- I. Approval of Minutes (In the Absence of any Objections or Corrections, the Minutes Shall Stand Approved)
- II. Review/Approval of the Electric Billing Determinants for May: Generation Charge: Residential @ \$0.08677; Commercial @ \$0.10393; Large Power @ \$0.05563; Industrial @ \$0.05563; Demand Charge Large Power @ \$14.36; Industrial @ \$15.02; JV Purchased Cost: JV2 @ \$0.04804; JV5 @ \$0.04804
- III. Electric Department Report
- IV. Review of Electric Rates with Courtney & Associates
- V. Review of AMPGS Settlement
- VI. Review of VanHyning I/I Study
- VII. 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, April 14, 2014 at 6:30 PM

| PRESENT | |
|---|---|
| Members | Keith Engler – Chair, Mike DeWit, Dr. David Cordes |
| Electric Committee | Travis Sheaffer – Chair (arrived at 6:32 pm), Jason Maassel, Jeff |
| | Comadoll (substitute), John Helberg (arrived at 6:50 pm) |
| Water, Sewer Committee | Chris Ridley - Chair, Jeff Comadoll, John Helberg |
| City Staff | Ronald A. Behm, Mayor (arrived at 7:13 pm) |
| • | Dr. Jon A. Bisher, City Manager |
| | Monica S. Irelan, Assistant City Manager |
| | Dennis Clapp, Electric Superintendent |
| | Trevor M. Hayberger, Law Director |
| | Gregory J. Heath, Finance Director/Clerk of Council |
| Recorder | Tammy Fein |
| Others | Media, Carey Lange |
| ABSENT | |
| | |
| Call To Order | Chairperson Engler called the meeting to order at 6:30 pm. |
| | Committee member Maassel called the meeting to order at 6:30 pm. |
| | |
| Approval Of Minutes | The March 10 meeting minutes stand approved as presented with no |
| | objections or corrections. |
| | |
| Review Of Billing Determinants | The electric billing determinants for April were presented for review. |
| | Heath reported that the JV5 determinant reflects the credit received for prepayment on the debt limitation process; this information was distributed in the packet; see attached. Heath added that this is the second payment on the levelization program that runs through March 2015, with this payment totaling \$120,000 however the payments fluctuate between \$120,000 and approximately \$180,000, and in April of 2015 a credit will be received. Cordes asked the amount of interest received on these payments; Heath replied that a trust account was opened with US Bank and according to the last statement, the interest rate is approximately 0.02%. DeWit added that the options of where to place the funds are limited, as it cannot be placed in |
| | commodities. Heath reported that currently there is \$310,000 in the account and \$6.43 was earned in interest. |
| Motion To Recommend Approval Of Electric Billing Determinants | Motion: DeWitSecond: CordesTo recommend approval of electric billing determinants for April 2014 asfollows:Generation Charge: Residential @ \$0.06700; Commercial @ \$0.07470;Large Power @ \$0.04226; Industrial @ \$0.04226; Demand Charge LargePower @ \$11.28; Industrial @ \$13.22; JV Purchased Cost: JV2 @\$0.06643; JV5 @ \$0.06643. |
| | |

| Passe | ed |
|-------|----|
| Yea- | 3 |
| Nay- | 0 |

Motion To Accept BOPA Recommendation For Approval Of Electric Billing Determinants

Passed Yea- 3 Nay- 0

Electric Department Report



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

Motion: Maassel Second: Comadoll To accept the BOPA recommendation for approval of electric billing determinants for April 2014 as follows: Gener]ation Charge: Residential @ \$0.06700; Commercial @ \$0.07470; Large Power @ \$0.04226; Industrial @ \$0.04226; Demand Charge Large Power @ \$11.28; Industrial @ \$13.22; JV Purchased Cost: JV2 @ \$0.06643; JV5 @ \$0.06643.

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

Clapp gave the Electric Department Report (attached).

Maassel asked if the crews drove in the lawns behind the residences in Riviera Heights; Clapp replied the lawns are driven in only when necessary, and any ruts that are made by the trucks are fixed; Clapp added that equipment pads were purchased to help decrease the number of ruts made when driving in the lawn is necessary.

Engler asked if additional precautions were taken at the area near WalMart that has significantly decreased the number of geese flying into the power lines; Clapp replied that the harsh winter may have thinned out the numbers of geese, and the six (6) foot cross arms were replaced with ten (10) foot cross arms to keep the wires from coming together if hit. Bisher added that he and Irelan observed the Electric Department software used at Police Dispatch to track power outages and it will be very helpful in tracking the number of outages associated with each incident; Clapp added that he is having a touchscreen installed in his office to monitor the incidents, and the software will automatically call the residents back to ensure the power has been restored and change the status on the screen, this will help to ensure that no resident is left without power. DeWit asked how to get on the list for callback through this system; Bisher replied there is a call number that will be distributed with the bills. Clapp stated that the outages can now be tracked with only a few residents calling in instead of everyone who was without power; Bisher added this system will work with all numbers, both landline and cell phones. Clapp stated that residents who are not Napoleon Power customers will still be able to call in to the Police Department and the Dispatcher will enter the address into the system to be tracked; DeWit warned that residents should be careful when doing this, as the Napoleon Police Department Dispatchers will enter the information into the system however the Sheriff's Department Dispatchers will not; Bisher agreed.

Clapp stated the EfficiencySmart Program has been successful recently, however the representative for the Program, Marvin Davis, has been let go due to downsizing; Carl Andre will take over the program. Clapp stated that Andre originated the program with the City and will be a fit

| | replacement; a meeting will be scheduled with Andre for all who would like to attend. |
|---------------------------------|---|
| Review Of Electric Rates | Bisher stated the review of the full Cost of Service Study with Courtney & Associates, including rate structure, will take place at the May 12 meeting. |
| <image/> | Sheaffer reported that many City projects are funded by tax free municipal bonds; the Federal Government issues Build America Bonds in which the Government would pay the interest rate on the bond; Heath added that these were fully taxable bonds with the interest reimbursed by the Federal Government. Sheaffer reported that the sequestration of these bonds that began in 2008 was extended to fund COLAs for Veterans. Heath explained that this means the City is not being reimbursed by the Federal Government, meaning that the entity which originally borrowed the money must now produce the additional funds to pay the interest as well. Sheaffer reported that AMP stated if the funds were continued to be sequestered, this would result in \$63,000,000 in reduced credit payment to AMP for bonds issued to finance Prarie State, the combined hydros, and the Meldahol hydro projects. AMP is requesting the City to contact the US Representatives and Senators regarding this issue; Sheaffer has a sample document to distribute to anyone who is interested. DeWit suggested that the cost per City customer should be highlighted in the correspondence to better show the message of who is being affected by the sequestration. Bisher stated that Congress suggested speaking with the Office of Management and Budget, who in turn suggested speaking with the Representatives and Senators. Bisher stated he would research the percentages of these projects in the City's portfolio and carry the message to AMP. Cordes asked the sequestration perentage; Heath replied that the City had Revenue Zone Economic Development Bonds on the sewer issue with a rate of 45% because the bonds qualified for an extra 10%, of that, the shortage is 8.7%. Heath is having the issue evaluated; adding that when the Government backtracked on its promise to pay, the term of the bond was voided, making the bond immediately callable. Heath is researching interest rates, and if a more favorable rate can be reached, Heath will bring the bond before Council for approval. |
| Electric Motion To Adjourn | Motion: Maassel Second: Comadoll |
| Passed Yea- 3 | Roll call vote on above motion: Yea- Sheaffer, Maassel, Comadoll |

Nay-0

WSRRL Call To Order

Approval Of Minutes

Sewer Lateral Cost And Responsibility Nay-

Chairperson Ridley called the meeting to order at 7:08 pm.

The February 10 meeting minutes stand approved as presented with no objections or corrections.

Bisher stated that the sewer lateral cost and responsibility has been discussed by the full body of Council, framing decisions that will require a new rate to be established.

Heath stated that the information being presented tonight to the Board of Public Affairs (BOPA) and the Water, Sewer, Refuse, Recycle, and Litter (WSRRL) Committee has no Council motion to direct action by the City, but instead Council has discussed a range of options with potential agreement on policy direction to assist customers in the process of sewer repairs. Heath stated that Hayberger will be presenting a policy outlining that the City is assuming the full costs of these repairs, and this policy must be decided as to how much responsibility will fall upon the City, after which the cost can be assigned. DeWit agreed, stating that a position must be taken to end the circular discussion on the issue.

Bisher explained the model created will be used to make the decisions based on actual data, and will reviewed annually; if the data is incorrect, it can be amended at the review to make the necessary decisions and change the rates as needed. Ridley stated that the full body of Council has debated this issue and come to an agreement as listed in the document included in the packet including the set fee structure and the City assuming all responsibility from the right of way; see attached. Ridley added Council did not want to set a policy before the issue came before the BOPA in regard to any rate change.

Hayberger stated there are two (2) documents before the Board and Committee; the first is the document distributed in the packet, and the second is a document created by Hayberger with more details. Hayberger stated after the first document was presented to Bisher and Heath, some changes were necessary, which is why the second document was created. The changes included the inclusion of 'allocation of responsibility cost of sewer lateral repair and maintenance'. Bisher stated that the policy is dedicated to sewer repair, adding that sewer maintenance responsibility still needs to be decided. Bisher gave an example of repair to mean that the sewer line may be open and working, but there's a void and the line is starting to fall in the street which had to be dug up to fix; Bisher gave an example of maintenance to mean the sanitary sewer isn't working, a plumber is called and it is discovered there is roots in the line that may be either under the street or in the front yard in which case the line is not dug up, but just cleared out. Bisher stated that Council did not discuss the responsibility of maintenance as much as Council discussed the responsibility of repair. Hayberger reminded the BOPA that the discussion is to approve rates that will be brought back to Council as an Ordinance; Heath reminded the Board that the rates assume repair only not maintenance. Helberg stated that rates cannot be agreed upon until the

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Policy is decided; Bisher and Heath agreed. Cordes asked what an average maintenance bill would cost; Engler gave the example of his sewer that was plugged with roots two (2) years ago, Engler called a plumber who came in with a roto-rooter to clear the line from the inspection at the edge of the house through the main sewer with a total cost of \$120; the Board agreed that sewer maintenance should not be included in the Policy. Ridley asked what procedure should be followed if, for example, after the maintenance is done, the sewer lateral caves in under the road on City property; Ridley stated his concern having the homeowner responsible for maintenance of the sewer lateral or any part of the sewer that is located on the 'other side' of a cleanout or a right of way, adding that any damage done will not be covered by this Policy; Hayberger replied that the homeowner's insurance is in place for this purpose. Helberg stated that previous discussion suggested that the homeowner is responsible for installing a cleanout at the right of way line on the lateral to help determine which side, either the City's side or the homeowner's side, was the issue. Hayberger asked if the Board and Committee were in agreement that maintenance should not be covered by the Policy; Ridley stated that he understood from previous discussion that the homeowner would be 'responsible for everything up to the right of way', and after the right of way 'it's the City's responsibility'.

Lulfs asked what the procedure would be when a resident calls into the City with a basement that is backing up, will a cleanout be required to be installed before Lulfs can inspect the basement; Engler stated that the issue must be resolved first and responsibility determined after. Engler believes that residents will not install cleanouts even if this is required, and, if a resident's basement is flooding, the resident wants the issue resolved first and responsibility determined after the issue is resolved. Helberg paraphrased a portion of the Policy regarding Engler's concern, "if at a later date it's discovered that the repair should have been the responsibility of the property owner, the we bill the property owner our full amount", Engler stated he had no problem with that as long as the issue is resolved first; Bisher stated that the City does not operate in that manner; City crews have fixed repairs in the middle of the night to help residents.

Ridley asked if it was possible to determine where the issue is without a cleanout; Bisher replied yes, the amount of cable or cleaner can be tracked and the issue can be determined to approximately one (1) foot, although there can be exceptions.

Hayberger summarized the discussion, asking if the Board and Committee wanted the City to initiate finding the area to be repaired or maintained, and if the area is on the right of way the City will pay the cost, and if the area is between the right of way and the house, the homeowner will pay the cost. Hayberger stated that this may cause the City to have a separate department to deal with the plumbing issues, adding that the onus should be on the homeowner to initiate the research. Helberg stated that maybe a cleanout not be required even though it would be for the convenience of the homeowner, if the homeowner could prove the issue was on City property through some other means, then that would be acceptable also. Ridley suggested having a City approved list of contractors to ensure they are aware of City policies; Lulfs stated all contractors, electricians, plumbers and others doing work within the City must be licensed with the City to do so; Ridley stated the customer must be made aware of this list. Cordes stated his concern regarding the City being responsible for the maintenance for each resident, as this will cost the City even more, and the burden of proof would be on the City instead of on the homeowner. DeWit asked how much installing a cleanout would cost; Comadoll estimated between \$600 - \$1,000; Lulfs added that even during projects when the trench is already opened to install a new lateral, the cost to install a cleanout is approximately \$350. Hayberger stated this Policy is similar to another program in the City in which the homeowner has the burden to prove the work done; Engler suggested creating a form to have the contractor sign when the work is completed to document where the issue was located.

Lulfs stated that whichever Policy the Board and Committee decide upon, the Policy should state that if 'through the course of human work' the City finds that the area to be repaired is on the homeowner's property, then the City has the ability to bill the homeowner for the time and materials used. DeWit added that the line of demarcation must be the property line to avoid any confusion with responsibility; Hayberger replied that the line of demarcation will be the right of way due to the chance of a property line running to the middle of a street.

Helberg suggested that the start date for the new Policy was discussed and agreed to be January 1, 2013; Ridley agreed. Hayberger agreed that this start date was brought up, but there was no consensus. Engler stated he does not believe the Policy should be retroactive; DeWit agreed. Bisher stated that he and Irelan heard a case today, and decided the case on the rules as of today, not what the rules might be at some other time. Helberg stated that start date was chosen due to the length of time this issue has been discussed; the Lange issue began in August 2013. Engler stated although this issue has been discussed at length, no decision had been made, and indicated that the Policy should be effective when a decision is made, not before; DeWit agreed.

Lulfs estimated approximately 130 incidents over the last three (3) year five (5) month timespan and each incident involved digging out the area, either in the right of way or on private property for just the sanitary lateral; Lulfs added that even if the project is done on private property a permit is required so that the City may inspect to make sure the work was done properly. Cordes asked if a cleanout is installed when work is being done on a sewer lateral; Lulfs replied that if a main is on the opposite side of the street, the City has never made the homeowner dig a new hole on their side of the street to install a cleanout; if the hole is being dug by where the cleanout should be, the City does have the homeowner install the cleanout.

Bisher prepared a model based on actual cost data from the previous ten (10) years that the Board and Committee used to figure the rate increases needed to keep the Water Sewer Fund at the optimal \$2 million. Heath reminded the Board and Committee that they must define what will be paid for by the City.

| | Ridley stated that if the figures used in the model do not assume maintenance costs, could an additional amount be added to include maintenance in the Policy; Bisher stated that this could be considered when changing the figures in the model. Lulfs added that manpower will be an issue if maintenance is included; Lulfs suggested the final Policy should state that the homeowner is responsible for general maintenance and responsibility for any issues will be determined by the City; Hayberger added that debated incidents should be fact specific for each case. Ridley suggested that the homeowner be responsible for all routine maintenance from the house to the main, but the City could alleviate some of the cost if the homeowner provided a bill, the City could offer a rebate. Heath does not recommend offering a rebate. Engler suggested requiring the homeowner to be responsible for routine maintenance and defining routine maintenance in the Policy. |
|---|---|
| | Helberg suggested rewriting the Policy to be more 'customer friendly' and writing in the Policy that once the homeowner can prove the repair is not routine maintenance, then the City will be responsible. Lulfs stated that, like many other policies throughout the City, there must be room for interpretation, and the City must be allowed to make judgment calls; Bisher agreed stating there must be a decision making capability as well as a due process procedure regarding such decisions that have extenuating or mitigating circumstances. Hayberger stated that the appeals process is outlined in the Water and Sewer Rules. |
| WSRRL Motion To Recommend Council Approve The Water and Sewer Lateral Rules Policy With Changes To Make The Policy More User Friendly | Motion: Helberg Second: Comadoll To recommend Council approve the Water and Sewer Lateral Rules Policy with changes to make the Policy more user friendly |
| Passed Yea- 3 Nay- 0 | Roll call vote on above motion: Yea- Helberg, Comadoll, Ridley Nay- |
| Review Of Sewer Rates | Bisher prepared a model based on actual cost data from the previous ten (10) years that the Board and Committee used to figure the rate increases needed to keep the Water Sewer Fund at the optimal \$2 million. The Board and Committee manipulated the model to research various rates and fees related to the cost of sewer repair. Heath reminded the Board and Committee that the figures in the model entitled 'Number of Customers' is based on the storm sewer definition of a customer; Bisher added this means it is not the number of customers who pay a sewer bill, it is the number of customers who pay the storm water bill. |
| | Class UserChargeResidential – In\$2.10Residential – Out\$3.15Commercial – In\$3.50Commercial – Out\$5.25Industrial\$12.00 |

| BOPA Motion To Accept The New Charge For The Sewer Lateral | Motion:DeWitSecond:CordesTo accept the new charge for the Sewer Lateral |
|--|--|
| Passed Yea- 3 Nay- 0 | Roll call vote on above motion: Yea- Engler, Cordes, DeWit Nay- |
| WSRRL Motion To Recommend Council Approve The BOPA Recommendation Of The New Charge For The Sewer Lateral | Motion: Comadoll Second: Helberg To recommend Council Approve the BOPA Recommendation of the new charge for Sewer Lateral |
| | Class UserChargeResidential – In\$2.10Residential – Out\$3.15Commercial – In\$3.50Commercial – Out\$5.25Industrial\$12.00 |
| Passed Yea- 3 Nay- 0 | Roll call vote on above motion: Yea- Helberg, Comadoll, Ridley Nay- |
| | Bisher prepared a model based on actual cost data from the previous ten (10) years that the Board and Committee used to figure the rate increases needed to keep the Water Sewer Fund at the optimal \$2 million. The Board and Committee manipulated the model to research various rates and fees related to the cost of sewer repair. Bisher explained that the Lateral Cost is incorporated into the detailed Revenue Expenditure model, and includes the charge just approved by the Board and Committee, as well as all debt and revenue included. Bisher outlined a change from previous years in the model, including: A case settlement on a building on Independence Drive that stated the City should have known there were tree intrusions into the main, causing water in the basement, resulting in the City being required to inspect the entire sewer system over a ten (10) year period at a cost of approximately \$85,000 per year with an escalation of approximately a half a percent each year. DeWit asked how defined the term 'the City shall inspect' was outlined in the settlement, suggesting that a visual inspection may suffice to fill this requirement. Hayberger stated for the record that this was the insurance company's counsel settlement, and the point of the settlement was to create a routine inspection; Lulfs added that the EPA suggested a video inspection of the inside of the pipes. Hayberger stated that the settlement is more generous than what the EPA mandates are, as the mandates would be every three (3) years instead of every ten (10) years. |
| | in the Service Fees Professional category; Heath noted a slight error in the model and the revenue figure; a half year of revenue is assumed so the figure must be divided by two (2), as of right now though, the figure is |

balanced.

Bisher explained the model shows the End of Year Fund Balances, which will change when varying rates are researched. Heath explained the difference in the columns '2014 Budgeted' and '2014'; reminding the Board and Committee that the budget is created with conservatively estimated revenues and liberally estimated expenditures; to get a better projection of an actual increase, the 2014 column represents what will probably be received in revenue and what will probably be expended. Bisher added that the column '2014' is a working column and the column '2014 Budgeted' is simply informational.

Bisher explained that the model contains a Line Regression Analysis that will assist in showing how the varying rates researched will affect the end of year Fund Balances. Heath reminded the Board and Committee that the \$2 million end of year balance is also a variable; Engler replied that this amount has been the desired balance for quite a while.

Throughout the research, DeWit stated that the proposed rate increases are too high since a charge to be added to the customer's bill was just approved; Engler explained that the charge is a separate issue than a rate increase, as the charge is a separate item on the customer's bill to assist with sewer repair issues. Bisher reminded the Board and Committee that there was no rate increase last year; Heath added that the Fund Balance increased due to the large projects completed.

DeWit asked what the average customer pays per month, and what percentage of the bill the newly added charge would be; Heath replied with an average monthly sewer bill at six (6) units of sewer, the cost is \$54.58, meaning the newly added charge would be an increase of 3.8%.

Heath added that in the model, the estimated cost on the capital side includes the long term control plan as approved, which has been changed and the modifications are not reflected in the model; adding that the advantage of maintaining the \$2 million balance is not being required to debt a large project that may arise.

Lulfs estimated the sewer projects for the year to cost approximately \$1.6 million, and the City received grants totaling approximately \$325,000. Bisher explained that the model shows the total expenses of \$3.9 million; Heath added this figure includes the transfers including the projects that Lulfs stated. Lulfs estimated that next year's projects totals will be approximately the same as this year, however the year after will have bigger projects starting including Park Street and Appian Avenue.

Motion:DeWitSecond:CordesTo accept a rate increase of 6% starting July 1, 2014, 8% starting January1, 2015, and 10% starting January 1, 2016, over the next three (3) years

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

BOPA Motion To Accept A Rate Increase of 6%, 8%, 10% Over The Next Three (3) Years

Passed Yea- 3

| Nay- 0 | Nay- |
|---|--|
| WSRRL Motion To Recommend Council Approve The BOPA Recommendation Of A Rate Increase of 6%, 8%, 10% Over The Next Three (3) Years | Motion: Comadoll Second: Helberg To recommend Council Approve the BOPA Recommendation of a rate increase of 6% starting July 1, 2014, 8% starting January 1, 2015, and 10% starting January 1, 2016, over the next three (3) years |
| Passed Yea- 3 Nay- 0 | Roll call vote on above motion: Yea- Helberg, Comadoll, Ridley Nay- |
| Update On Status Of New Water Plant | Bisher explained there was a setback regarding the new Water Plant; the County had filed for financing from the U.S. Department of Agriculture (USDA); because the grant is Federal money, the USDA is required by Federal law to research factors including species, archeology, and wetlands. Bisher stated when the USDA researched the property through the Army Corp of Engineers, there was a file of research compiled approximately seven (7) years ago for a developer, Ron Grant, who was interested in developing a senior housing project. Bisher stated that although Grant came to the City with different issues such as the way the water and sewer lines would be installed without easements, how the establishment would be metered, developing the streets to follow City specifications, and sewage pumping, and eventually the project ceased. Bisher stated that Grant may have also been dealing with the issues listed by the Army Corp of Engineers at that time, but these issues were not brought to the City's attention. Bisher stated that the unique feature of this property is the rail underpass that could be used as a connector line to transport water from Scott Street over to Glenwood Avenue. Bisher stated that the City was aware that at one time the property was such as sewage irrigation, but this was monitored. Bisher stated the property was purchased using Steve Lankenau as the realtor; and when the decision was made to use Federal monies, the risks involved were researched by Roberta Costa, who works with Small Cities Development, with an assessment of probably not having much species mitigation, however there would be wetlands. Bisher stated that the Court kept a file of the assessment of the Ohio EPA has jurisdiction, and the extent of the wetlands status must be researched and possibly mitigated. DeWit asked if a lawsuit could be filed against the bank, as they probably knew these issues existed but did not disclose them to the City; Hayberger replied that the bank had any document in th |

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| | the issues to the City. DeWit suggested that Hayberger request the bank provide all documentation of the language between the bank and the prior owner, and if any documentation shows proof that the bank has knowledge of the issues, the City will get made whole, adding that if there is no discovery of this prior knowledge, then the lawsuit could be dropped. Hayberger suggested not discussing potential litigation in a public meeting. |
|----------------------------|--|
| | Bisher stated his concern is moving forward; adding that the whole seventeen (17) acres may not be needed for the Water Plant and the connector road. Bisher will research if negotiations with either the Army Corp of Engineers or the Ohio EPA is possible, although this may take additional time and there may be additional cost involved. Bisher stated that there is no better spot for the Water Plant and the road; there is no other area that goes under Routes 6 and 24. Engler added that this location is on the raw water main; Bisher agreed adding that this is criteria for the new Water Plant. Behm asked how long the delay may be; Bisher replied it could easily be six (6) months and would probably be twelve (12) months. Behm asked how this would affect the current plan and operations and maintenance costs; Bisher will research this with Staff. Helberg asked if there is a large expenditure at the current plant, with only two (2) years to receive the money back, can the expenditure be included as part of the cost of the project; Bisher stated that would be added to the new Water Plant project cost and become an expense for the Consortium. |
| BOPA Motion To Adjourn | Motion: DeWit Second: Cordes To adjourn the meeting at 9:56 PM |
| Passed Yea- 3 Nay- 0 | Roll call vote on above motion: Yea- Engler, Cordes, DeWit Nay- |
| WSRRL Motion To Adjourn | Motion: Comadoll Second: Helberg To adjourn the meeting at 9:56 PM |
| Passed Yea- 3 Nay- 0 | Roll call vote on above motion: Yea- Helberg, Comadoll, Ridley Nay- |
| Date | Keith Engler, Chair |

City of Napoleon, Ohio

WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE

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

Meeting Agenda

Monday, May 12, 2014 at 7:00 PM

- I. Approval of Minutes (In the Absence of any Objections or Corrections, the Minutes Shall Stand Approved)
- II. Review of VanHyning I/I Study
- III. Any Other Matters Currently Assigned To Committee

Gregory J. Heath, Finance Director/Clerk of Council

City of Napoleon, Ohio WATER, SEWER, REFUSE, RECYCLE & LITTER COMMITTEE Meeting Minutes

Monday, April 14, 2014 at 6:30 PM

PRESENT Water, Sewer Committee BOPA City Staff

Recorder Others ABSENT

WSRRL Call To Order

Approval Of Minutes

Sewer Lateral Cost And Responsibility Chris Ridley - Chair, Jeff Comadoll, John Helberg Keith Engler – Chair, David Cordes, Mike DeWit Ronald A. Behm, Mayor (arrived at 7:13 pm) Dr. Jon A. Bisher, City Manager Monica S. Irelan, Assistant City Manager Dennis Clapp, Electric Superintendent Trevor M. Hayberger, Law Director Gregory J. Heath, Finance Director/Clerk of Council Tammy Fein Media, Carey Lange

Chairperson Ridley called the meeting to order at 7:08 pm.

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Heath stated that the information being presented tonight to the Board of Public Affairs (BOPA) and the Water, Sewer, Refuse, Recycle, and Litter (WSRRL) Committee has no Council motion to direct action by the City, but instead Council has discussed a range of options with potential agreement on policy direction to assist customers in the process of sewer repairs. Heath stated that Hayberger will be presenting a policy outlining that the City is assuming the full costs of these repairs, and this policy must be decided as to how much responsibility will fall upon the City, after which the cost can be assigned. DeWit agreed, stating that a position must be taken to end the circular discussion on the issue.

Bisher explained the model created will be used to make the decisions based on actual data, and will reviewed annually; if the data is incorrect, it can be amended at the review to make the necessary decisions and change the rates as needed. Ridley stated that the full body of Council has debated this issue and come to an agreement as listed in the document included in the packet including the set fee structure and the City assuming all responsibility from the right of way; see attached. Ridley added Council did not want to set a policy before the issue came before the BOPA in regard to any rate change.

Hayberger stated there are two (2) documents before the Board and Committee; the first is the document distributed in the packet, and the second is a document created by Hayberger with more details. Hayberger stated after the first document was presented to Bisher and Heath, some changes were necessary, which is why the second document was created. The changes included the inclusion of 'allocation of responsibility cost of sewer lateral repair and maintenance'. Bisher stated that the policy is dedicated to sewer repair, adding that sewer maintenance responsibility still needs to be decided. Bisher gave an example of repair to mean that the sewer line may be open and working, but there's a void and the line is starting to fall in the street which had to be dug up to fix; Bisher gave an example of maintenance to mean the sanitary sewer isn't working, a plumber is called and it is discovered there is roots in the line that may be either under the street or in the front yard in which case the line is not dug up, but just cleared out. Bisher stated that Council did not discuss the responsibility of maintenance as much as Council discussed the responsibility of repair. Hayberger reminded the BOPA that the discussion is to approve rates that will be brought back to Council as an Ordinance; Heath reminded the Board that the rates assume repair only not maintenance. Helberg stated that rates cannot be agreed upon until the Policy is decided; Bisher and Heath agreed. Cordes asked what an average maintenance bill would cost; Engler gave the example of his sewer that was plugged with roots two (2) years ago, Engler called a plumber who came in with a roto-rooter to clear the line from the inspection at the edge of the house through the main sewer with a total cost of \$120; the Board agreed that sewer maintenance should not be included in the Policy. Ridley asked what procedure should be followed if, for example, after the maintenance is done, the sewer lateral caves in under the road on City property; Ridley stated his concern having the homeowner responsible for maintenance of the sewer lateral or any part of the sewer that is located on the 'other side' of a cleanout or a right of way, adding that any damage done will not be covered by this Policy; Hayberger replied that the homeowner's insurance is in place for this purpose. Helberg stated that previous discussion suggested that the homeowner is responsible for installing a cleanout at the right of way line on the lateral to help determine which side, either the City's side or the homeowner's side, was the issue. Hayberger asked if the Board and Committee were in agreement that maintenance should not be covered by the Policy; Ridley stated that he understood from previous discussion that the homeowner would be 'responsible for everything up to the right of way', and after the right of way 'it's the City's responsibility'.

Lulfs asked what the procedure would be when a resident calls into the City with a basement that is backing up, will a cleanout be required to be installed before Lulfs can inspect the basement; Engler stated that the issue must be resolved first and responsibility determined after. Engler believes that residents will not install cleanouts even if this is required, and, if a resident's basement is flooding, the resident wants the issue resolved first and responsibility determined after the issue is resolved. Helberg paraphrased a portion of the Policy regarding Engler's concern, "if at a later date it's discovered that the repair should have been the responsibility of the property owner, the we bill the property owner our full amount", Engler stated he had no problem with that as long as the issue is resolved first; Bisher stated that the City does not operate in that manner; City crews have fixed repairs in the middle of the night to help residents. Ridley asked if it was possible to determine where the issue is without a cleanout; Bisher replied yes, the amount of cable or cleaner can be tracked and the issue can be determined to approximately one (1) foot, although there can be exceptions.

Hayberger summarized the discussion, asking if the Board and Committee wanted the City to initiate finding the area to be repaired or maintained, and if the area is on the right of way the City will pay the cost, and if the area is between the right of way and the house, the homeowner will pay the cost. Hayberger stated that this may cause the City to have a separate department to deal with the plumbing issues, adding that the onus should be on the homeowner to initiate the research. Helberg stated that maybe a cleanout not be required even though it would be for the convenience of the homeowner, if the homeowner could prove the issue was on City property through some other means, then that would be acceptable also. Ridley suggested having a City approved list of contractors to ensure they are aware of City policies; Lulfs stated all contractors, electricians, plumbers and others doing work within the City must be licensed with the City to do so; Ridley stated the customer must be made aware of this list. Cordes stated his concern regarding the City being responsible for the maintenance for each resident, as this will cost the City even more, and the burden of proof would be on the City instead of on the homeowner. DeWit asked how much installing a cleanout would cost; Comadoll estimated between \$600 - \$1,000; Lulfs added that even during projects when the trench is already opened to install a new lateral, the cost to install a cleanout is approximately \$350. Hayberger stated this Policy is similar to another program in the City in which the homeowner has the burden to prove the work done; Engler suggested creating a form to have the contractor sign when the work is completed to document where the issue was located.

Lulfs stated that whichever Policy the Board and Committee decide upon, the Policy should state that if 'through the course of human work' the City finds that the area to be repaired is on the homeowner's property, then the City has the ability to bill the homeowner for the time and materials used. DeWit added that the line of demarcation must be the property line to avoid any confusion with responsibility; Hayberger replied that the line of demarcation will be the right of way due to the chance of a property line running to the middle of a street.

Helberg suggested that the start date for the new Policy was discussed and agreed to be January 1, 2013; Ridley agreed. Hayberger agreed that this start date was brought up, but there was no consensus. Engler stated he does not believe the Policy should be retroactive; DeWit agreed. Bisher stated that he and Irelan heard a case today, and decided the case on the rules as of today, not what the rules might be at some other time. Helberg stated that start date was chosen due to the length of time this issue has been discussed; the Lange issue began in August 2013. Engler stated although this issue has been discussed at length, no decision had been made, and indicated that the Policy should be effective when a decision is made, not before; DeWit agreed.

Lulfs estimated approximately 130 incidents over the last three (3) year five (5) month timespan and each incident involved digging out the area, either in the right of way or on private property for just the sanitary lateral; Lulfs added that even if the project is done on private property a permit is required so that the City may inspect to make sure the work was done properly. Cordes asked if a cleanout is installed when work is being done on a sewer lateral; Lulfs replied that if a main is on the opposite side of the street, the City has never made the homeowner dig a new hole on their side of the street to install a cleanout; if the hole is being dug by where the cleanout should be, the City does have the homeowner install the cleanout.

Bisher prepared a model based on actual cost data from the previous ten (10) years that the Board and Committee used to figure the rate increases needed to keep the Water Sewer Fund at the optimal \$2 million. Heath reminded the Board and Committee that they must define what will be paid for by the City.

Ridley stated that if the figures used in the model do not assume maintenance costs, could an additional amount be added to include maintenance in the Policy; Bisher stated that this could be considered when changing the figures in the model. Lulfs added that manpower will be an issue if maintenance is included; Lulfs suggested the final Policy should state that the homeowner is responsible for general maintenance and responsibility for any issues will be determined by the City; Hayberger added that debated incidents should be fact specific for each case. Ridley suggested that the homeowner be responsible for all routine maintenance from the house to the main, but the City could alleviate some of the cost if the homeowner provided a bill, the City could offer a rebate. Heath does not recommend offering a rebate. Engler suggested requiring the homeowner to be responsible for routine maintenance and defining routine maintenance in the Policy.

Helberg suggested rewriting the Policy to be more 'customer friendly' and writing in the Policy that once the homeowner can prove the repair is not routine maintenance, then the City will be responsible. Lulfs stated that, like many other policies throughout the City, there must be room for interpretation, and the City must be allowed to make judgment calls; Bisher agreed stating there must be a decision making capability as well as a due process procedure regarding such decisions that have extenuating or mitigating circumstances. Hayberger stated that the appeals process is outlined in the Water and Sewer Rules.

Motion:HelbergSecond:ComadollTo recommend Council approve the Water and Sewer Lateral Rules Policy
with changes to make the Policy more user friendly

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

Bisher prepared a model based on actual cost data from the previous ten

WSRRL Motion To Recommend Council Approve The Water and Sewer Lateral Rules Policy With Changes To Make The Policy More User Friendly

Passed Yea- 3 Nav- 0

Review Of Sewer Rates

| | (10) years that the Board and Committee used to figure the rate increases needed to keep the Water Sewer Fund at the optimal \$2 million. The Board and Committee manipulated the model to research various rates and fees related to the cost of sewer repair. Heath reminded the Board and Committee that the figures in the model entitled 'Number of Customers' is based on the storm sewer definition of a customer; Bisher added this means it is not the number of customers who pay a sewer bill, it is the number of customers who pay the storm water bill. | |
|----------------------------------|--|--|
| | <u>Class User</u> Residential – In | <u>Charge</u> \$2.10 |
| | Residential – Out | \$3.15 |
| | Commercial – In | \$3.50 |
| | Commercial – Out | \$5.25 |
| | Industrial | \$12.00 |
| BOPA Motion To Accept The | Motion: DeWit | Second: Cordes |
| New Charge For The Sewer | To accept the new charge for | r the Sewer Lateral |
| Lateral | | |
| Passed | Roll call vote on above moti | on: |
| Yea- 3 | Yea- Engler, Cordes, DeWit | |
| Nay- 0 | Nay- | |
| WSRRL Motion To Recommend | Motion: Comadoll | Second: Helberg |
| Council Approve The BOPA | To recommend Council Approve the BOPA Recommendation of the new | |
| Recommendation Of The New | charge for Sewer Lateral | |
| Charge For The Sewer Lateral | Class User | Charge |
| | Residential – In | \$2.10 |
| | Residential – Out | \$3.15 |
| | Commercial – In | \$3.50 |
| | Commercial – Out | \$5.25 |
| | Industrial | \$12.00 |
| | | |
| Passed Yea- 3 | Roll call vote on above motion: | |
| Nay- 0 | Yea- Helberg, Comadoll, Ridley Nay- | |
| Truy 0 | itaj | |
| | Bisher prepared a model bas | ed on actual cost data from the previous ten |
| | | d Committee used to figure the rate increases |
| | | wer Fund at the optimal \$2 million. The bulated the model to research various rates and |
| | | wer repair. Bisher explained that the Lateral |
| | | detailed Revenue Expenditure model, and |
| | | oved by the Board and Committee, as well as |
| | all debt and revenue included. Bisher outlined a change from previous | |
| | years in the model, including | g: a building on Independence Drive that stated |
| | | e known there were tree intrusions into the |
| | - | in the basement, resulting in the City being |
| | | |

required to inspect the entire sewer system over a ten (10) year period at a cost of approximately \$85,000 per year with an escalation of approximately a half a percent each year. DeWit asked how defined the term 'the City shall inspect' was outlined in the settlement, suggesting that a visual inspection may suffice to fill this requirement. Hayberger stated for the record that this was the insurance company's counsel settlement, and the point of the settlement was to create a routine inspection; Lulfs added that the EPA suggested a video inspection of the inside of the pipes. Hayberger stated that the settlement is more generous than what the EPA mandates are, as the mandates would be every three (3) years instead of every ten (10) years.

Bisher reported that the lateral cost work that was just completed is listed in the Service Fees Professional category; Heath noted a slight error in the model and the revenue figure; a half year of revenue is assumed so the figure must be divided by two (2), as of right now though, the figure is balanced.

Bisher explained the model shows the End of Year Fund Balances, which will change when varying rates are researched. Heath explained the difference in the columns '2014 Budgeted' and '2014'; reminding the Board and Committee that the budget is created with conservatively estimated revenues and liberally estimated expenditures; to get a better projection of an actual increase, the 2014 column represents what will probably be received in revenue and what will probably be expended. Bisher added that the column '2014' is a working column and the column '2014 Budgeted' is simply informational.

Bisher explained that the model contains a Line Regression Analysis that will assist in showing how the varying rates researched will affect the end of year Fund Balances. Heath reminded the Board and Committee that the \$2 million end of year balance is also a variable; Engler replied that this amount has been the desired balance for quite a while.

Throughout the research, DeWit stated that the proposed rate increases are too high since a charge to be added to the customer's bill was just approved; Engler explained that the charge is a separate issue than a rate increase, as the charge is a separate item on the customer's bill to assist with sewer repair issues. Bisher reminded the Board and Committee that there was no rate increase last year; Heath added that the Fund Balance increased due to the large projects completed.

DeWit asked what the average customer pays per month, and what percentage of the bill the newly added charge would be; Heath replied with an average monthly sewer bill at six (6) units of sewer, the cost is \$54.58, meaning the newly added charge would be an increase of 3.8%.

Heath added that in the model, the estimated cost on the capital side includes the long term control plan as approved, which has been changed and the modifications are not reflected in the model; adding that the advantage of maintaining the \$2 million balance is not being required to debt a large project that may arise.

| BOPA Motion To Accept A Rate Increase of 6%, 8%, 10% Over The Next Three (3) Years | Lulfs estimated the sewer projects for the year to cost approximately \$1.6 million, and the City received grants totaling approximately \$325,000. Bisher explained that the model shows the total expenses of \$3.9 million; Heath added this figure includes the transfers including the projects that Lulfs stated. Lulfs estimated that next year's projects totals will be approximately the same as this year, however the year after will have bigger projects starting including Park Street and Appian Avenue. Motion: DeWit Second: Cordes To accept a rate increase of 6% starting July 1, 2014, 8% starting January 1, 2015, and 10% starting January 1, 2016, over the next three (3) years | |
|---|--|--|
| Passed Yea- 3 Nay- 0 | Roll call vote on above motion: Yea- Engler, Cordes, DeWit Nay- | |
| WSRRL Motion To Recommend Council Approve The BOPA Recommendation Of A Rate Increase of 6%, 8%, 10% Over The Next Three (3) Years | Motion: Comadoll Second: Helberg To recommend Council Approve the BOPA Recommendation of a rate increase of 6% starting July 1, 2014, 8% starting January 1, 2015, and 10% starting January 1, 2016, over the next three (3) years | |
| Passed Yea- 3 Nay- 0 | Roll call vote on above motion: Yea- Helberg, Comadoll, Ridley Nay- | |
| Update On Status Of New Water Plant | Bisher explained there was a setback regarding the new Water Plant; the County had filed for financing from the U.S. Department of Agriculture (USDA); because the grant is Federal money, the USDA is required by Federal law to research factors including species, archeology, and wetlands. Bisher stated when the USDA researched the property through the Army Corp of Engineers, there was a file of research compiled approximately seven (7) years ago for a developer, Ron Grant, who was interested in developing a senior housing project. Bisher stated that although Grant came to the City with different issues such as the way the water and sewer lines would be installed without easements, how the establishment would be metered, developing the streets to follow City specifications, and sewage pumping, and eventually the project ceased. Bisher stated that Grant may have also been dealing with the issues listed by the Army Corp of Engineers at that time, but these issues were not brought to the City's attention. Bisher stated that the unique feature of this property is the rail underpass that could be used as a connector line to transport water from Scott Street over to Glenwood Avenue. Bisher stated that the City was aware that at one time the property was used as sewage irrigation, but this was monitored. | |

Bisher stated the property was purchased using Steve Lankenau as the

realtor; and when the decision was made to use Federal monies, the risks involved were researched by Roberta Costa, who works with Small Cities Development, with an assessment of probably not having much species mitigation, however there would be wetlands. Bisher stated that the Court kept a file of the assessment that was being done for Grant that concluded there was a larger number of wetland species even though the property was not irrigated for approximately four (4) years. Bisher explained that this issue would be taken seriously, that it would be researched to see if the Army Corp of Engineers or if the Ohio EPA has jurisdiction, and the extent of the wetlands status must be researched and possibly mitigated.

DeWit asked if a lawsuit could be filed against the bank, as they probably knew these issues existed but did not disclose them to the City; Hayberger replied that the bank bought this as a foreclosure; DeWit stated that makes no difference, if the bank had any document in their possession that indicated knowledge of these issues, then they were required to disclose the issues to the City. DeWit suggested that Hayberger request the bank provide all documentation of the language between the bank and the prior owner, and if any documentation shows proof that the bank has knowledge of the issues, the City will get made whole, adding that if there is no discovery of this prior knowledge, then the lawsuit could be dropped. Hayberger suggested not discussing potential litigation in a public meeting.

Bisher stated his concern is moving forward; adding that the whole seventeen (17) acres may not be needed for the Water Plant and the connector road. Bisher will research if negotiations with either the Army Corp of Engineers or the Ohio EPA is possible, although this may take additional time and there may be additional cost involved. Bisher stated that there is no better spot for the Water Plant and the road; there is no other area that goes under Routes 6 and 24. Engler added that this location is on the raw water main; Bisher agreed adding that this is criteria for the new Water Plant. Behm asked how long the delay may be; Bisher replied it could easily be six (6) months and would probably be twelve (12) months. Behm asked how this would affect the current plan and operations and maintenance costs; Bisher will research this with Staff. Helberg asked if there is a large expenditure at the current plant, with only two (2) years to receive the money back, can the expenditure be included as part of the cost of the project; Bisher stated that would be added to the new Water Plant project cost and become an expense for the Consortium.

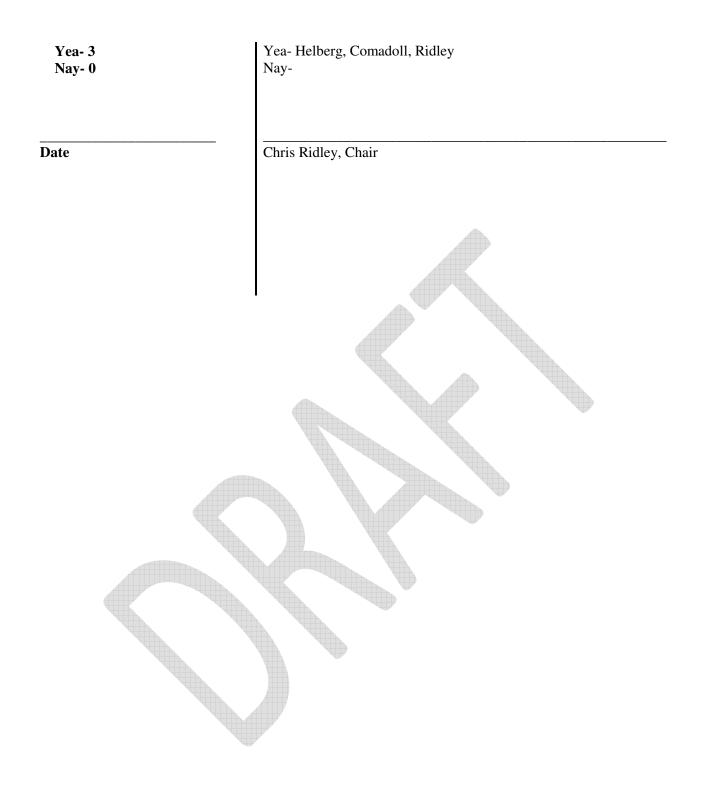
| n To Adjourn | Motion: DeWit To adjourn the meeting at 9:56 PM | Second: Cordes |
|----------------|---|-----------------|
| | Roll call vote on above motion: Yea- Engler, Cordes, DeWit Nay- | |
| ion To Adjourn | Motion: Comadoll To adjourn the meeting at 9:56 PM | Second: Helberg |
| | Roll call vote on above motion: | |

BOPA Motion

Passed Yea-3 Nay-0

WSRRL Moti

Passed



City of Napoleon

Water, Sewer, Refuse, Recycling & Litter Committee

Majority Report

The Water, Sewer, Refuse, Recycling & Litter Committee met on Monday, April 14, 2014, and recommended that Council:

1. Approve a new monthly fee related to Sewer Repair:

| <u>Class User</u> | <u>Charge</u> |
|-------------------|---------------|
| Residential – In | \$2.10 |
| Residential – Out | \$3.15 |
| Commercial – In | \$3.50 |
| Commercial – Out | \$5.25 |
| Industrial | \$12.00; |

- 2. Approve the Sewer Lateral Responsibility Policy with changes to make it more 'customer friendly'; and
- 3. Approve a sewer rate increase of 6%, 8%, and 10% over the next three (3) years, to be reviewed annually.

Chris Ridley, Chair

John Helberg, Committee

Jeff Comadoll, Committee

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: March 3, 2014
- **Re:** Municipal Properties, Buildings, Land Use & Economic Development Committee Meeting Cancellation

The Municipal Properties, Buildings, Land Use & Economic Development Committee, which is regularly scheduled to meet on Monday, May 12 at 7:30 PM, has been CANCELED due to lack of agenda items. City of Napoleon, Ohio

PRIVACY COMMITTEE

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

MEETING AGENDA

Tuesday, May 13, 2014 at 10:30 AM

- 1. Approval of Minutes from November 12, 2013 (In the Absence of any Objections or Corrections, the Minutes Shall Stand Approved)
- 2. Review of Policies/Procedures for Identity Theft Prevention
- 3. Report from Staff
- 4. Any Other Matters To Come Before The Committee

Gregory J. Heath, Finance Director/Clerk of Council

City of Napoleon, Ohio PRIVACY COMMITTEE

Meeting Minutes

Tuesday, November 12, 2013 at 10:30 AM

| PRESENT | | |
|--------------------------------------|---|--|
| Members | Robert Weitzel, Trevor Hayberger | |
| City Staff | Greg Heath, Finance Director | |
| | Trevor Hayberger, Law Director | |
| | Lori Rausch, Utility Billing Supervisor | |
| Recorder | Shannon Fielder, Tax Department Supervisor | |
| | Tammy Fein (Barbara Nelson attending) | |
| ABSENT | | |
| Members | Christine Peddicord | |
| Call To Order | Acting Chair Hayberger called the meeting to order at 10:32 AM. | |
| Approval Of Minutes | Minutes from the May 14, 2013, meeting stand approved as presented with no objections. | |
| Review Of Policies/Procedures | Heath stated the Privacy Policy is written mainly around the Utility Billing Department and suggested it be expanded to include the Income Tax Department as well as all other appropriate areas. | |
| Motion To Review And | Motion: Waitzal Sacond: Haubargar | |
| Expand The Current Privacy | Motion: Weitzel Second: Hayberger | |
| Policy To Bring Back Before | To review and expand the current Privacy Policy to bring back before the Committee | |
| The Committee | | |
| | Dell's Il vete en above motion. | |
| Passed | Roll call vote on above motion: | |
| Yea- 2 | Yea- Hayberger, Weitzel | |
| Nay-0 | Nay- | |
| | | |
| Report From Staff | Raush presented the Annual Report for Red Flag/Identity Theft Prevention (attached). | |
| | The Committee and Upoth discussed how to positively identify the | |
| | The Committee and Heath discussed how to positively identify the identity of a victim of identity that the victim | |
| | identity of a victim of identity theft; Weitzel stated that the victim | |
| | should go to the local law enforcement office, they will verify the | |
| | victim's identity, the victim can then sign a release to have the local | |
| | law enforcement office can release the information to the Napoleon | |
| | Police Department. | |
| Any Other Items | There are no other items of concern at this time. | |
| Motion To Adjourn | Motion: Weitzel Second: Hayberger | |
| | To adjourn the meeting at 10:48 AM | |
| | | |
| Passed | Roll call vote on above motion: | |
| Yea- | Yea- Hayberger, Weitzel | |

| Nay-0 | Nay- |
|-------|--------------------------------|
| | |
| Date | Trevor Hayberger, Acting Chair |



Memorandum

To: Board of Zoning Appeals, Council, Mayor, City Manager, City Law Director, City Finance Director, Department Supervisors, Media
From: Gregory J. Heath, Finance Director/Clerk of Council
Date: 5/7/2014
Re: Board of Zoning Appeals Meeting Cancellation

The Board of Zoning Appeals meeting regularly scheduled for Tuesday,

May 13th at 4:30 PM has been CANCELED due to lack of agenda items.

Memorandum

To: Planning Commission, Council, Mayor, City Manager, City Law Director, City Finance Director, Department Supervisors, Media
 From: Gregory J. Heath, Finance Director/Clerk of Council
 Date: 5/7/2014
 Re: Planning Commission Meeting Cancellation

The Planning Commission meeting regularly scheduled for Tuesday, May 13 at 5:00 PM has been CANCELED due to lack of agenda items.



Market prices, congestion moderate in April

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

After a brutal winter, April weather returned to normal. This helped bring power and congestion costs back to their expected ranges.

| AVERAGE DAILY | RATE COMP | PARISONS | |
|-------------------------------------|----------------------|----------------------|----------------------|
| | April 2014 \$/MWh | March 2014 \$/MWh | April 2013 \$/MWh |
| A/D Hub 7x24 Price | \$40.43 | \$55.39 | \$37.69 |
| PJM West 7x24 Price | \$41.46 | \$69.43 | \$39.76 |
| A/D to AMP-ATSI Congestion/Losses | \$1.65 | \$7.08 | \$0.79 |
| A/D to Blue Ridge Congestion/Losses | \$0.50 | \$9.58 | \$0.92 |
| A/D to PJM West Congestion/Losses | \$1.03 | \$14.04 | \$2.07 |
| PJM West to PP&L Congestion/Losses | -\$0.82 | \$2.21 | -\$0.28 |
| IND to A/D Hub Congestion/Losses | \$3.13 | \$8.48 | \$2.27 |

EPA's Transport Rule is back on the table

By Julia Blankenship - director of energy policy & sustainability

Earlier this week the U.S. Supreme Court upheld the U.S. Environmental Protection Agency's (USEPA) Cross State Air Pollution Rule (CSAPR) with a 6-2 decision in *EPA v. EME Homer City Generation*.

In August 2012, the U.S. Court of Appeals for the District of Columbia Circuit had reversed and remanded the initial rule back to the USEPA for exceeding its statutory authority with CSAPR, also known as the Transport Rule.

The rule is a regulation that aims to reduce nitrogen oxide (NOx) and sulfur dioxide (SO2) emissions in 28 upwind states to achieve downwind attainment of three National Ambient Air Quality Standards (NAAQS).

With the Supreme Court now upholding CSAPR, it is possible the USEPA will put the rule back into effect this summer through a public notice. This would affect sources such as coal-burning power plants in AMP member states Kentucky, Michigan, Ohio, Pennsylvania, Virginia and West Virginia. The American Public Power Association, AMP and others are considering the impacts and will update our members accordingly.

AMP requests action from federal district court on AMPGS-Bechtel litigation

By John Bentine – senior vice president/general counsel

As approved by the AMPGS Participants, today AMP's litigation counsel filed a motion in the Bechtel litigation requesting the federal district court to take the following alternative actions. First, the motion asks the federal district court to certify a question of Ohio law to the Ohio Supreme Court. The question is whether under Ohio law a party's "reckless" conduct can *see LITIGATION Page 2*

Temporary peak shaving allowance ends May 3

By Caitlin Schiebel – air compliance specialist

As a reminder to all owners of reciprocating engines subject to reciprocating internal combustion engine (RICE) National Emissions Standards for Hazardous Air Pollutants (NESHAP) who chose to designate their units as emergencyonly, the temporary peak shaving allowance ends on Saturday, May 3. These units will still be permitted to operate for emergency purposes and as part of an RTO Emergency Demand Response Program. Owners and operators who chose to retrofit units are still permitted to operate them for any reason, as long as they remain in compliance with their permits.

Any unit in Ohio subject to this rule that operated for peak shaving between May 3, 2013, and May 3, 2014, must submit a report to Ohio EPA by May 15, 2014. The report must contain all records required under the RICE NESHAP for peaking shaving operation. Reports should be submitted either electronically through Ohio EPA's eBusiness Center or by mail to your district office or local air agency.

If you have questions regarding the peak shaving or reporting requirements, please contact me at <u>cschiebel@amppartners.org</u> or Cody Dill at <u>cdill@amppartners.org</u>.

AFEC weekly update

By Craig Kleinhenz – manager of power supply planning

Most every day this week saw AFEC generating at base maximum levels during most on-peak hours. The exception to this was on Sunday when the plant was dispatched offline due to economics. Wednesday morning saw some higher market prices, which resulted in duct burners being used for nine hours. The plant ended the week with a 58 percent load factor (based on 675 MW).

LITIGATION continued from Page 1

render a contractual limitation of liability provision unenforceable. In its March 31, 2014 Order granting summary judgment to Bechtel on enforcement of the EPC contract's limitation of liability clause, the court held that "willful" or "wanton" conduct was required to render a limitation of liability clause unenforceable. In the event the federal district court agrees to certify the question to the Ohio Supreme Court, the Ohio Supreme Court would have to agree to decide the issue. If it does, the issue will be fully briefed and decided by the Ohio Supreme Court before the case is sent back to the federal district court for trial.

In the alternative, if the federal district court declines to certify the question directly to the Ohio Supreme Court, the motion asks that court to allow AMP to take an immediate appeal of the court's summary judgment order to the Sixth Circuit Court of Appeals. In the event the federal district court agrees to permit an immediate appeal, the Sixth Circuit Court of Appeals also would have to agree to hear the case. If it does, the Sixth Circuit would hear the appeal of the summary judgment ruling, including the reckless conduct issue, before a trial. Copies of the filing will be distributed to AMPGS Participants and their Counsels.

For additional information, please contact me at <u>jbentine@amppartners.org</u> or Deputy General Counsel Rachel Gerrick at <u>rgerrick@amppartners.org</u>.

Annual NHA conference covers regulatory issues, policies

By Jolene Thompson – senior vice president/OMEA executive director

The National Hydropower Association (NHA) held its annual conference April 28-30 in Washington, D.C. The well-attended event provided an opportunity for attendees to hear first-hand from the Administration, Congress, federal regulators and resource agencies on the issues and policies that directly affect individual businesses and projects.

The conference marked the beginning of AMP President/ CEO Marc Gerken's second one-year term as president of the NHA. Gerken was among the speakers at the NHA conference, which also included U.S. Secretary of Energy Ernest Moniz, other senior DOE officials and hydropower industry officials. Mike Perry, senior vice president of generation operations, participated in a panel on "Getting Results: Secrets to Successfully Building New Hydro on Federal Facilities" and I was part of a panel on "State and Regional Energy Policies: How Does Hydro Fare?"

During the conference opening session, four members of Congress were awarded the NHA Legislator of the Year awards for their roles in championing hydroelectric power legislation through the House and Senate. Senators Ron Wyden (D-OR) and Lisa Murkowski (R-AK), and Representatives Cathy McMorris Rodgers (R-WA) and Diana DeGette (D-CO) were recognized with the award for their work on the Hydropower Regulatory Efficiency Act of 2013. At the President's luncheon, Mike Swiger was presented with the prestigious Henwood Award, the industry's highest honor. Swiger is a partner with the law firm of Van Ness Feldman who has represented numerous clients, including AMP, on hydropower matters for many years.

To learn more about the NHA, please visit <u>http://www.</u> <u>hydro.org/</u>.

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

| Week end | ing May 2 | | | |
|----------------|----------------|----------------|----------------|----------------|
| MON \$56.42 | TUE \$52.20 | WED \$59.74 | THU \$54.85 | FRI \$44.46 |
| Week end | ing April 25 | | | |
| MON \$47.93 | TUE \$44.68 | WED \$48.17 | THU \$49.71 | FRI \$46.61 |
| AEP/Dayt | on 2015 5x16 | price as of M | Aay 2 — \$48. | 62 |

AEP/Dayton 2015 5x16 price as of April 25 — \$45.61

Electric markets are up again

By Craig Kleinhenz

The amount of natural gas injected into storage this week was larger than many analysts had predicted. This caused near-term natural gas prices to remain flat despite the large year-over-year storage deficit. June natural gas prices ended the week unchanged from last week to finish trading yesterday at \$4.72/MMBtu.

Strong concerns over the lack of natural gas in storage continue to keep next-year power prices closing higher. 2015 on-peak electric prices rose \$3.01/MWh for the week with AD Hub closing at \$48.62/MWh. This was led by a \$5.00/MWh price increase for January and February 2015 prices. These prices are up more than \$7.55/MWh or 18 percent from this time two months ago.

DOE assessment finds 65 GW of unharnessed power

By Marc Gerken, PE – president/CEO

According to a new U.S. Department of Energy (DOE) resource assessment unveiled at the National Hydropower Association (NHA) conference, there are more than 65 gigawatts of unharnessed power in U.S. waterways.

The New Stream-reach Development Resource Assessment (NSD) project analyzed the potential for new hydropower development using topography, hydrology, and environmental characteristics to develop the highest resolution and most rigorous national evaluation of U.S. hydropower potential to date. NSD is just one of several types of hydropower potential, including non-powered dams, existing hydropower facilities, pumped storage, and small conduits.

The assessment was developed and implemented by Oak Ridge National Laboratory (ORNL) for the DOE Water Power Program with the primary goal of producing and disseminating information and data ultimately leading to improved decision making and strategic planning by organizations and individuals.

Our hydroelectric projects under construction will add more than 300 megawatts of new renewable generation to the region and represent the largest deployment of new run-of-the-river hydro in the nation.



AMP Advanced Transformer Workshop participants

AMP hosted an Advanced Transformer Workshop on April 29. The class focused on advanced transformer theory and the review of transformer connections. The course is designed to provide an indepth knowledge of transformer sizing, fuse sizing and three-phase transformer banking. Participants pictured are (from left): row one – Mark Carpenter of Clinton, Matt Horwedel of Oberlin, Bob Rumbaugh, AMP's manager of technical training; row two – Drew Skolnicki of Oberlin, David Bealer of Wellington, Joe Brasee of Wellington, and Mark Ackworth of Hubbard.

Latest RP3 designation cycle now open, accepting applications

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

The American Public Power Association (APPA) is now accepting applications for the next Reliable Public Power Provider (RP3) designation cycle. The application period opened May 1 and will close Sept. 30. Utilities that apply are eligible for the



new three-year cycle, with the designation beginning May 1, 2015 and expiring on April 30, 2018.

The RP3 program recognizes utilities that demonstrate high proficiency in four areas: reliability, safety, work force development, and system improvement.

AMP encourages member participation in the program as RP3 recipients have used the designation to improve their systems through the inherent self-check process, to demonstrate the value of a public power utility to customers, and, in some cases, to negotiate lower bond and insurance rates. It can also boost members' AMP credit score rating.

Please contact Jennifer Flockerzie, technical services program coordinator, at <u>jflockerzie@amppartners.org</u> or 614.540.0853 for AMP assistance in filling out and submitting an application.

More information on APPA's RP3 program is available at <u>http://www.publicpower.org/Programs/Landing.cfm?Item</u> Number=31003&navItemNumber=37536.

Quote of interest

"We are now in an era of rising electricity prices," said Philip Moeller, a member of the Federal Energy Regulatory Commission, who said the steady reduction in generating capacity across the nation means that prices are headed up. "If you take enough supply out of the system, the price is going to increase."

Save the date: AMP's first annual Lineworkers Rodeo is slated for Aug. 23

By Michelle Palmer

AMP member lineworkers will demonstrate their skills and knowledge at AMP's first annual Lineworkers Rodeo on Aug. 23 at AMP headquarters in Columbus.

Lineworkers will also have the opportunity to connect and build relationships with other AMP member utility employees. The AMP Rodeo will be a family-friendly event and will be open to the public at no charge. Event details and registration brochures will be available soon.

In addition to the Rodeo, training sessions are being planned for Aug. 22.

Members should keep an eye out for more information in the next month. Contact Jennifer Flockerzie, technical services program coordinator, at 614.540.0853 or jflockerzie@amppartners.org with questions.

Calendar

May 14—Sustainability Subcommittee Webinar Email jblankenship@amppartners.org for log-in info

May 15—AMP Finance & Accounting Subcommittee Meeting Montpelier, Ohio

May 19-23—Lineworker Training Basic 1 AMP Headquarters, Columbus

May 21—AMP Regional Safety Meeting *Piqua, Ohio*

June 2-6—Lineworker Training Basic 1 AMP Headquarters, Columbus

June 5—AMP Finance & Accounting Subcommittee Meeting Salem, Virginia

June 13-18—APPA National Conference *Denver, Colorado*

June 16-20—Lineworker Training Intermediate AMP Headquarters, Columbus

June 30-July 2—Hotline Training AMP Headquarters, Columbus

July 24—AMP Finance & Accounting Subcommittee Meeting AMP Headquarters, Columbus

Aug. 23—AMP Lineworkers Rodeo AMP Headquarters, Columbus

Aug. 28—AMP Finance & Accounting Subcommittee Meeting Johnstown, Pennsylvania

Sept. 8-12—Lineworker Training Basic 2 AMP Headquarters, Columbus

Sept. 11—AMP Finance & Accounting Subcommittee Meeting *Piqua, Ohio*

Tipp City accepts applications for tree trimmer/arborist

The Tipp City Electric Department will be accepting applications for the position of Tree Trimmer/Arborist.

Duties of the Tree Trimmer/Arborist will include, but not be limited to:

- (a) Line clearance near energized electric circuits up to 69,000 volts.
- (b) Tree trimming/removal of City owned trees, curb lawns, parks, etc.
- (c) Landscaping, tree planting.
- (d) Assisting Electric crews when required.
- (e) Assisting other City departments when needed.

A preference of three years' experience in aerial lift operation, tree climbing, rigging and chipper operation is required. Class A CDL with trailer certification will be required within 6 months of employment. Arborist certification will be required within a one year period from date of hire.

This position will require periodic drug and alcohol testing, work in inclement weather, on-call and non-traditional hours.

Excellent wage and benefits package. Pay Range is \$18.31 to \$23.33/hour. Send resume and application to City Manager's Office, Tipp City Government Center 260 South Garber Dr. Tipp City, Ohio 45371 by 4 p.m. May 16, 2014. Tipp City is an equal opportunity employer.

Oberlin seeks lineworker

The Oberlin Municipal Light and Power System (OMLPS) is accepting applications for the position of fulltime journeyman lineworker in the Electric Distribution Division.

Journeyman lineworker is responsible for the operation, maintenance and routine construction of the city's municipal electric distribution system. Construct, maintain and repair energized primary and secondary distribution facilities. Operate aerial lift trucks, heavy equipment and distribution test equipment. Participate in emergency standby rotation.

Minimum qualifications are high school diploma or equivalent, valid Ohio driver's license, Class "A" commercial driver's license, journeyman lineworker certification, and successful completion of lineworker apprenticeship program with four years of experience as an apprentice lineworker.

Hourly salary range is \$23.36 - \$29.20/hour D.O.Q.

Applications are available at <u>www.cityofoberlin.com</u> and at Oberlin City Hall, 85 S. Main St., Oberlin, Ohio 44074. Applications should be returned via email to <u>hr@cityofoberlin.com</u> or mailed to: City of Oberlin Human Resources Department, Oberlin City Hall, 85 S. Main St., Oberlin, Ohio 44074. Closing date is June 2, 2014 at 4:30 p.m.

Orrville to hold civil service exam for wastewater treatment plant operator position

The City of Orrville - Utilities Dept. seeks applicants for a Wastewater Treatment Plant Operator I. Position is by application and Civil Service Exam only. Online applications will not be accepted.

Applicants must have a high school diploma or equivalent, plus have Class I Wastewater Operator's Certificate issued by the State of Ohio EPA. A copy of your certificate must accompany your application. Candidates must be able to perform the essential functions of the position with or without reasonable accommodation and be drug free. Pay range is \$19.39 to \$24.25, plus benefits. NOTE: The City of Orrville will not consider for employment nor, hire any individual who smokes or uses any form of tobacco products.

The exam is open to all citizens and those who have legally declared their intentions of becoming United States citizens and will be held at 6 p.m. June 4 at Schmid Hall, 501 Hall St. in Orrville.

Application period is 8 a.m. to 5 p.m. weekdays, ending at 5 p.m. May 15, 2014 at the City of Orrville Human Resources Office, 207 N. Main St., Orrville, Ohio, 44667. Applications are available at <u>www.orrville.com</u>.

The City of Orrville is an equal opportunity employer. Reasonable accommodation or testing will be made for applicants with disabilities with 72 hour notice.

Two positions open in Hamilton

The City of Hamilton, Ohio (pop. 63,000) is seeking candidates for Finance Director and Director of Information Technology.

Finance Director – This position requires a bachelor's degree from an accredited college or university with major coursework in accounting, business administration, finance, or a closely related field and seven to ten years of management experience in accounting, finance, or management with a local government agency including significant knowledge of public finance administration and systems and GAAP governmental audit and local government taxation. An advanced degree with major course work in Finance, MBA, MPA, and/or certification as a CPA or CFA is strongly desired.

Director of Information Technology – Qualifications include a bachelor's degree from an accredited college or university with a major in management information systems, information technology, computer science, or a closely related field; and five years of progressively responsible information technology experience at the management level or above, two years of which were at the assistant director or director level; or an equivalent combination of education, training and work experi-

CLASSIFIEDS continued from Page 4

ence. MBA or an MPA advanced degree from an accredited college or university is desirable.

For both positions, candidates should send cover letter, resume, salary history and five business references in Word or PDF format to: Civil Service Dept., One Renaissance Center, 345 High St. First Floor, Hamilton, OH 45011 by email to: <u>cspersonnel@ci.hamilton.oh.us</u> or by fax to: 513.785.7037. The City of Hamilton is an EEO & AAE. Minorities and women are encouraged to apply.

Tipp City seeks city engineer

The City of Tipp City, Ohio is seeking a highly qualified individual to lead its Engineering & Service Departments. Incumbent retiring in May after 14-plus years in position. Tipp City is a public power community of approximately 10,000 population located along the I-75 corridor seven miles north of I-70/75 Interchange. Tipp City is known for its strong sense of community, excellent park and recreational facilities, historic downtown, and exceptional schools.

The ideal candidate will be a State of Ohio Registered Professional Engineer (PE) in civil engineering or related field with at least five years progressively responsible municipal engineering and management experience, preferably in the State of Ohio. Responsibilities include preparation of the department's annual operating and capital budgets; overseeing the Street, Park, and Engineering Departments, acts as LPA coordinator for ODOT projects, prepares RFP, RFQ, & technical specifications for projects, recommends equipment purchases, performs inspections, etc. This is a key position for overall City management and public policy development.

Salary range: \$75,785 to \$94,425 depending on experience and qualifications. Submit resume with cover letter to Bradley Vath, Acting City Manager, 260 S. Garber Drive, Tipp City, Ohio 45371-3116 or <u>vathb@tippcity.net</u>, until May 16, 2014.

Consulting engineer position open at Cleveland Public Power

Cleveland Public Power is seeking a Consulting Engineer. Typical tasks for this position include: performing distribution substation system planning studies inclusive of demand and energy requirement forecast, fault duty calculations, planning and laying out new distribution lines and substations; developing equipment specifications and evaluating RFP's for distribution engineering and construction services; managing distribution line and substations construction; and writing work orders for large commercial accounts and conducting system-wide protective.

Candidates should have a bachelor's degree in electrical engineering or closely related field from an ABET accredited four-year college or university (or equivalent as determined by the Ohio Board of Registration of Professional Engineering and Surveyors). A Master's Degree is preferred. Candidates must be registered as a Professional Engineer (PE) in the State of Ohio or if PE license is in another state, candidates must have applied for an Ohio PE license at the time of hire and obtain it within four months of the date of hire. Three years of full time paid experience in Distribution substation Engineering, GIS, and AutoCAD; five years is preferred.

All interested applicants should submit a cover letter and resume to Danyelle Conner, DPU Employment Services Manager, 1201 Lakeside Ave., Cleveland, Ohio 44114, or email <u>dconner@clevelandwpc.com</u>.

Danville seeks utilities director

The City of Danville (43,000) seeks an energetic, proactive, creative leader to manage Danville Utilities, a municipal provider of electric, gas, water, wastewater, and telecommunications services in a 500-square mile territory. Appointed by and reporting directly to the city manager, the utilities director is responsible for leading a progressive organization that delivers exceptional customer service, operates effectively and efficiently, maintains a world class workforce, contributes to developing Danville's new economy, and meets environmental and community responsibilities.

Danville Utilities serves 42,000 electric meters, 16,000 gas meters, and 18,000 water meters. Its open access fiber optic telecommunications system serves 200 municipal, school, and business locations. Fiber-to-theneighborhood deployments are now underway. The Utilities Department employs 174 and operates on a \$166 million annual budget. A City Council-appointed Utility Commission provides policy oversight.

Position requires a bachelor's degree in engineering, public administration, business, or related field; masters degree in public or business administration is preferred. Extensive experience in utilities, public works, or local government management is required.

Salary range: \$102,824 - \$120,000 DOQ, plus generous fringe benefits package. Visit our website to apply online <u>www.danville-va.gov</u> Attach cover letter, detailed resume, credentials, and salary history. Position will remain open until filled. City Residency is required. All submissions are confidential. For additional information on Danville Utilities, please visit <u>http://www.danvilleutilities.com</u>. Equal Opportunity Employer.

Schuylkill Haven in need of journeyman electric lineworker

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

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, PA 17972.



ATSI files annual transmission rate update

By Chris Norton - director of market regulatory affairs

On May 1, 2014 the American Transmission Systems Inc. (ATSI), the subsidiary of FirstEnergy that owns the transmission facilities in Northern Ohio and Western Pennsylvania, filed its 2014 transmission rate update. The new rates will take effect June 1, 2014. The new rates will be:

| SERVICE | 2014 | INCREASE |
|------------------|----------------------------------|-----------|
| VOLTAGE | RATE | FROM 2013 |
| 138 kV or Above: | \$14,894.53/MW-yr (\$1.24/kW-mo) | 50.126% |
| Below 138 kV: | \$27,145.00/MW-yr (\$2.26/kW-mo) | 3.331% |

The ATSI transmission rate is what is known as a formula transmission rate. The rate is updated each year on June 1 based on ATSI's expenditures and capital costs from the prior year. ATSI reports the data to the Federal Energy Regulatory Commission (FERC) each year. The cost data is used to populate a formula accepted by FERC.

AMP intends to hire consultants to review the ATSI rate update information. If any errors are discovered, ATSI is required to correct the errors by reducing the rates for the following year by the error amount plus interest.

AMP/OMEA file comments with USEPA

By Julia Blankenship - director of energy policy & sustainability

AMP/OMEA filed comments this week with the U.S. Environmental Protection Agency (USEPA) on its proposed rule to establish new source performance standards to limit emissions of greenhouse gases (essentially CO2) from certain new electric generating units.

In addition to AMP's/OMEA's comments, staff prepared a letter comment template, which was distributed to members earlier this week in an effort to engage them through grassroots support. We'd like to thank the members who submitted comments for their continued support of our grassroots outreach efforts. Whether you are planning new unit construction or not, the costs of complying with this proposed rule are expected to be reflected in higher costs for electricity across the board, including market purchases.

AMP/OMEA's comments identified several categories of units that should not be subject to the requirements of the proposed new unit rules, including:

• All units 25 MW and below – regardless of level of electricity supplied to the grid or fuel type

Energy markets finally lose upward momentum

By Craig Kleinhenz – manager of power supply planning

For the second week in a row, the amount of natural gas that was injected into storage was larger than analyst expectations. This has helped put an end to the multiple-week increase in short-term natural gas prices seen over the last couple of months. June natural gas prices ended the week \$0.15/MMBtu lower than last week to finish trading yesterday at \$4.57/MMBtu.

This bearish news was not quite enough to stop the recent run-up in 2015 power prices, but was enough to stop the large weekly gains that have been seen recently. 2015 on-peak electric prices rose \$0.33/MWh for the week with AD Hub closing at \$48.95/MWh.

Ohio Senate adopts reforms to green energy law

By Michael Beirne – assistant vice president of government affairs & publications

The Ohio Senate adopted legislation – Senate Bill 310 – this week that would reform the state energy efficiency and renewable energy standards. The bill will pause annual increases in Ohio's green energy standards for two years and create an "Energy Mandates Study Committee" as well as other changes. Ohio municipal electric utilities and AMP are not subject to the state's efficiency and renewable standards and that remains unchanged with this legislation.

Prior to adoption of the bill in the Senate Public Utilities Committee, a substitute version was adopted that contained a provision detrimental to two hydro projects under develop**USEPA continued from Page 1**

- All units supplying less than one-third (or 40 percent capacity factor, if USEPA chooses to raise the threshold) of their potential electric output to the grid regardless of size or fuel type
- Reciprocating internal combustion engines (RICE units) USEPA recommends excluding these sources
- Non-natural gas stationary combustion turbines (CTs) USEPA recommends excluding these sources
- Existing sources undertaking modifications or reconstructions – USEPA recommends excluding these sources, which will be subject of a separate rulemaking
- Certain projects currently under development USEPA recommends excluding these sources

In addition, AMP's/OMEA's comments challenged USPEA's consideration of carbon capture and sequestration (CCS) as an acceptable control technology and also stressed the need for maintaining operational flexibility to keep compliance costs down while ensuring grid stability. We will continue to keep you up-to-date on this important issue, as well as USEPA's rule for existing units (expected in June), which could be much more impactful to AMP/ OMEA and our members.

Please feel free to contact me for more information at 614.540.0840 or jblankenshp@amppartners.org.

AMP shines Member Spotlight on Marshall, Michigan

By Krista Selvage – manager of publications

AMP is highlighting Marshall in its Member Spotlight. The city has a long history as a municipal electric provider, entering into utility ownership and operation in 1893. The



utility was recently named a Reliable Public Power Provider (RP3) program recipient by the American Public Power Association (APPA), receiving Gold level designation for providing consumers with the highest degree of reliable and safe electric service.

Marshall is a National Historic Landmark District and the city boasts an abundance of 19th century architecture. The National Trust of Historic Preservation previously named the city as one of the "Dozen Distinctive Destinations" in the country.

Learn more about Marshall and its AMP participation in the Member Spotlight section of the <u>AMP website</u>.



News or Ads?

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

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

| Week end | ling May 9 | | | |
|----------------|------------------------------|----------------|----------------|----------------|
| MON \$53.37 | TUE \$52.80 | WED \$47.65 | THU \$58.19 | FRI \$56.63 |
| Week end | ling May 2 | | | |
| MON \$56.42 | TUE \$52.20 | WED \$59.74 | THU \$54.85 | FRI \$44.46 |
| , , | on 2015 5x16 on 2015 5x16 | * | · | |

Ohio Senate adopts reforms

continued from Page 1

ment by AMP. We were successful in amending the bill to address our concern prior to final passage. The bill now goes to the Ohio House, where hearings will begin next week and a vote is scheduled in that chamber prior to Memorial Day. We continue to pursue language in the House to provide Greenup hydro with credit as a renewable energy resource.

If you have any questions or need additional information about the legislation or legislative consideration, please contact me at <u>mbeirne@amppartners.org</u> or 614.540.0835.

| April Operations Statistics | | | |
|---|---------------------------------|---------------------------|------------------------------|
| | JV6 Wind Output | Belleville Output | Avg. A/D Hub On-Peak Rate |
| April 2014 | 30% | 83% | \$45/MWh |
| April 2013 | 32% | 91% | \$43/MWh |
| | Fremont Energy Center Output | Blue Creek Wind Output | Napoleon Solar Output |
| April 2014 | 54% | 42% | 22% |
| April 2013 | 51% | 37% | 20% |
| *Fremont capacity factor based on 675 MW rating | | | |

*Solar capacity factor based on 3.54 MW rating

AFEC weekly update

By Craig Kleinhenz

Most every day this week saw AFEC generating at base maximum levels during most on-peak hours. The exception to this was on Saturday and Sunday when the plant was dispatched offline due to economics.

The plant was also dispatched offline during the overnight hours between Monday and Tuesday. On Tuesday, the plant did not clear in the Day Ahead market but was picked up and dispatched by PJM for reliability reasons.

Duct burners were not used at all this week as there were no extreme market prices. The plant ended the week with a 45 percent load factor (based on 675 MW).

www.amppartners.org

Cannelton makes progress on controlled filling of the cofferdam

Workers at the Cannelton Hydroelectric Project continue the controlled filling of the cofferdam. The upstream pool is now equalized with the upstream river elevation. This a major step in the transition from the powerhouse construction phase to the final layout. The 84-megawatt facility is located on the Ohio River near Hawesville, Kentucky.





Applications for DEED grants will be accepted starting June 1

By Michelle Palmer, P.E. – assistant vice president of technical services

The next funding cycle for the American Public Power Association's (APPA)



Demonstration of Energy & Efficiency Developments (DEED) grants will open June 1 and run through Aug. 15.

AMP pays for its members to be a DEED participant through APPA membership and encourages utilities to apply for grants to help finance innovative projects. The grants, up to \$125,000 in funding, are intended for demonstration or early commercialization projects at utilities that promise to improve efficiencies, lower costs or add service or value in the provision of electricity or energy services to the customers of publicly owned electric utilities.

AMP and a number of its members have received grants in previous years. If you need AMP's assistance in compiling your application for DEED, please contact me at 614.540.0924 or mpalmer@amppartners.org. For additional program information, email to DEED@PublicPower.org or visit the DEED section of APPA's website at http://publicpower.org or wisit the Mumber=31300 &navItemNumber=38572.

Reminder: Regional Safety Meeting to be held May 21

The next AMP Regional Safety Meeting will be held May 21 at Piqua Municipal Power System, 201 Hemm Ave., Piqua, OH 45356. The meeting is free to members and lunch will be provided. Reservations are required for lunch count. Please RSVP by May 16 to Jennifer Flockerzie at <u>jflockerzie@amppartners.org</u> or 614.540.0853, or Kyle Weygandt at 330.323.1269 or kweygandt@amppartners.org.

NERC update call, webinar to cover topics with Utility Services

By Art Iler – director of reliability standards compliance

AMP, in coordination with Utility Services Inc., will host the next NERC update conference call and webinar at 1:30 p.m. May 15. The update will include discussions on: NERC BESnet updates; the release of NERC's Auditor Handbook; Project 2010-04 Demand Data (MOD C), MOD-031-1; Project 2013-04 Voltage & Reactive Control, VAR-002-3; and NERC Balloting Software. The update will be followed by a question and answer session.

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

Sustainability Subcommittee webinar to be offered May 14

By Julia Blankenship

The next Sustainability Subcommittee webinar will be offered at 2 p.m. May 14. The agenda includes an overview of the just-released National Climate Assessment, a discussion of EPA's upcoming rule to limit CO2 emissions from existing power plants, and a planned participation solicitation for AMP's EcoSmart Choice green pricing program.

Sustainability Subcommittee webinars are open to all AMP members, and log-in information will be emailed to all members on Monday, May 12. If you do not receive webinar log-in information for some reason and wish to participate, please contact me by close of business on May 13 at <u>jblankenshp@amppartners.org</u> or 614.540.0840.

AMP's Kelley listed among 'Top 20 Most Innovative CIOs'

AMP's Chief Information Officer Branndon Kelley was named one of the CRN Top 20 Most Innovative CIOs earlier this month at the Midsize Enterprise Summit (MES) conference held in Orlando.



The list was designed to spotlight elite IT leaders. The 20 midmarket CIOs recognized deployed solutions within the past year that achieved one or more of the following: a proven positive impact, cost savings, an improved infrastructure and/or systems, and/or an overall positive transformation of the way users work.

For more information and the complete Top 20 list, please visit <u>http://crn.com/slide-shows/channel-programs/300072660/the-top-20-most-innovative-midmarket-cios.htm.</u>





SAVE THE DATE August 23, 2014 1st Annual AMP Lineworker Rodeo AMP headquarters in Columbus, Ohio

Calendar

May 14—Sustainability Subcommittee Webinar Email jblankenship@amppartners.org for log-in info

May 15—AMP Finance & Accounting Subcommittee Meeting Montpelier, Ohio

May 19-23—Lineworker Training Basic 1 AMP Headquarters, Columbus

May 21—AMP Regional Safety Meeting *Piqua*, Ohio

June 2-6—Lineworker Training Basic 1 AMP Headquarters, Columbus

June 5—AMP Finance & Accounting Subcommittee Meeting Salem, Virginia

June 13-18—APPA National Conference *Denver, Colorado*

June 16-20—Lineworker Training Intermediate AMP Headquarters, Columbus

June 30-July 2—Hotline Training AMP Headquarters, Columbus

July 24—AMP Finance & Accounting Subcommittee Meeting AMP Headquarters, Columbus

Aug. 23—AMP Lineworkers Rodeo AMP Headquarters, Columbus

Aug. 28—AMP Finance & Accounting Subcommittee Meeting Johnstown, Pennsylvania

Sept. 8-12—Lineworker Training Basic 2 AMP Headquarters, Columbus

Sept. 11—AMP Finance & Accounting Subcommittee Meeting *Piqua, Ohio*

Sept. 22-26—Lineworker Training Advanced AMP Headquarters, Columbus

Oct. 5-11—Public Power Week activities in member communities

Oct. 6-8—Underground Training AMP Headquarters, Columbus

Oct. 27-30—AMP/OMEA Conference *Hilton Columbus at Easton, Columbus*

Oct. 28—AMP Finance & Accounting Subcommittee Meeting Hilton Columbus at Easton, Columbus

Dec. 4—AMP Finance & Accounting Subcommittee Meeting AMP Headquarters, Columbus

Update Classifieds

Clinton seeks lineworker

The Village of Clinton I has an immediate opening for a lineworker in its Electrical Department. A journeyman lineman is the preferred level of knowledge, skill, and ability; however, the village will consider those with some level of training and/or experience in the electrical field. Duties include being responsible for the operation, maintenance and construction of the village's municipal electric distribution system.

Must have a high school diploma or GED; have or can obtain a CDL driver's license; mechanical knowledge and experience operating equipment such as an aerial bucket truck, digger derrick truck, backhoe and power tools preferred. The successful candidate, if less experienced, must promptly complete the lineworker apprenticeship program and become a jouneyman lineworker.

Clinton offers an attractive wage and benefit package. Salary is commensurate with experience.

Applications are available at the Village of Clinton website <u>www.villageofclinton.org</u>. Please submit a completed job application and resume by June 17, 2014 to Village of Clinton, 119 E. Michigan Avenue, Clinton MI 49236.

Director of IT position open in City of Hamilton

The City of Hamilton, Ohio (pop. 63,000) is seeking candidates for Director of Information Technology.

Qualifications include a bachelor's degree from an accredited college or university with a major in management information systems, information technology, computer science, or a closely related field; and five years of progressively responsible information technology experience at the management level or above, two years of which were at the assistant director or director level; or an equivalent combination of education, training and work experience. MBA or an MPA advanced degree from an accredited college or university is desirable.

Candidates should send cover letter, resume, salary history and five business references in Word or PDF format to: Civil Service Dept., One Renaissance Center, 345 High St. First Floor, Hamilton, OH 45011 by email to: <u>cspersonnel@ci.hamilton.oh.us</u> or by fax to: 513.785.7037. The City of Hamilton is an EEO & AAE. Minorities and women are encouraged to apply.

Fiscal officer position available in Village of New Knoxville

The Village of New Knoxville is accepting applications and resumes for the fulltime position of Village Fiscal Officer. Candidates for this fulltime position must be very computer literate and have excellent skills in Microsoft Word and Excel. Experience with Uniform Accounting Network (UAN) software for municipal accounts payable, accounts receivable, utilities and payroll is also a significant benefit for this position. Experience in human resources issues such as health care, OPERS, worker's compensation and COBRA are also assets for candidates.

Wages will be commensurate with skills and experience. Target annual salary for this position is \$27,750.00 to \$37,250.00. The village fiscal officer works closely with the mayor, village council, village administrator, all village employees and the auditor of the State of Ohio.

Applications can be obtained at the Village Hall in New Knoxville at 101 S. Main St. in New Knoxville, OH or online at <u>www.newknoxville.com</u>. Submit application and resume, including references: Attention: Village Administrator, 101 S. Main St., P.O. Box 246, New Knoxville, OH 45871.

Applications will be accepted until the position is filled. Inquiries can be made at: <u>admin@newknoxville.com</u>.

Danville is looking for electric substation superintendent

The Utilities Department is seeking an experienced candidate to perform administrative and expert technical support for the Substation and Meter Department as well as coordinating the dispatch/control of power supply. Electric substation superintendent will be responsible for preparing the budget and monitoring expenditures, programming; testing and calibrating all meters; handle customer complaints; providing technical support for meter technicians; supervise meter technicians, substation technicians and systems operators.

Qualified candidates will have the ability to read, understand, and interpret financial reports and/or legal documents; the ability to supervise, train, motivate, and discipline authorized personnel. Must have broad knowledge in a general professional or technical field or a bachelor's degree in related field. Possession of valid drivers license required; Starting salary range: \$56,993 -\$68,391/Annual. Position open until filled Apply online: www.danville-va.gov Equal Opportunity Employer

Cleveland Public Power seeks candidates for consulting engineer, senior lineworker

Cleveland Public Power is seeking applicants for two positions: Consulting Engineer and Senior Lineworker.

Consulting Engineer: Candidates should have a bachelor's degree in electrical engineering or closely related field from an ABET accredited four-year college

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or university (or equivalent as determined by the Ohio Board of Registration of Professional Engineering and Surveyors). A Master's Degree is preferred. Candidates must be registered as a Professional Engineer (PE) in the State of Ohio or if PE license is in another state, candidates must have applied for an Ohio PE license at the time of hire and obtain it within four months of the date of hire. Three years of full time paid experience in Distribution substation Engineering, GIS, and AutoCAD; five years is preferred.

Senior Lineworker: Candidates should have a high school diploma or GED and must have completed a four-year Apprenticeship Program or Electrical Lineman program. Two years of full time paid experience as a High Tension Lineman or equivalent. May be required to work overtime during emergencies and for emergency call outs. Must be able to lift and carry 75 pounds. A valid State of Ohio Class "A" Commercial Driver's License with Air Brake Endorsement is required.

Interested applicants for either position should submit a cover letter and resume to Danyelle Conner, DPU Employment Services Manager, 1201 Lakeside Ave., Cleveland, Ohio 44114, or email to <u>dconner@clevelandwpc.com</u>.

Tipp City accepts applications for two open positions

The Tipp City Electric Department is accepting applications for the positions of Tree Trimmer/Arborist and City Engineer.

Tree Trimmer/Arborist: A preference of three years' experience in aerial lift operation, tree climbing, rigging and chipper operation is required. Class A CDL with trailer certification will be required within six months of employment. Arborist certification will be required within a one-year period from date of hire. This position will require periodic drug and alcohol testing, work in inclement weather, on-call and non-traditional hours. Excellent wage and benefits package. Pay Range is \$18.31 to \$23.33/hour. Send resume and application to City Manager's Office, Tipp City Government Center 260 S. Garber Dr., Tipp City, Ohio 45371 by 4 p.m. May 16, 2014. Tipp City is an equal opportunity employer.

<u>City Engineer:</u> The ideal candidate will be a State of Ohio Registered Professional Engineer (PE) in civil engineering or related field with at least five years progressively responsible municipal engineering and management experience, preferably in the State of Ohio. Responsibilities include preparation of the department's annual operating and capital budgets; overseeing the Street, Park, and Engineering Departments, acts as LPA coordinator for ODOT projects, prepares RFP, RFQ, & technical specifications for projects, recommends equipment purchases, performs inspections, etc. This is a key position for overall City management and public policy development. Salary range: \$75,785 to \$94,425 depending on experience and qualifications. Submit resume with cover letter to Bradley Vath, Acting City Manager, 260 S. Garber Dr., Tipp City, Ohio 45371-3116 or <u>vathb@tippcity.net</u>, until May 16, 2014.

Orrville to hold civil service exam for wastewater treatment plant operator position

The City of Orrville - Utilities Dept. seeks applicants for a Wastewater Treatment Plant Operator I. Position is by application and Civil Service Exam only. Online applications will not be accepted.

Applicants must have a high school diploma or equivalent, plus have Class I Wastewater Operator's Certificate issued by the State of Ohio EPA. A copy of your certificate must accompany your application. Candidates must be able to perform the essential functions of the position with or without reasonable accommodation and be drug free. Pay range is \$19.39 to \$24.25, plus benefits. Note: The City of Orrville will not consider for employment nor, hire any individual who smokes or uses any form of tobacco products.

The exam is open to all citizens and those who have legally declared their intentions of becoming United States citizens and will be held at 6 p.m. June 4 at Schmid Hall, 501 Hall St. in Orrville.

Application period is 8 a.m. to 5 p.m. weekdays, ending at 5 p.m. May 15, 2014 at the City of Orrville Human Resources Office, 207 N. Main St., Orrville, Ohio, 44667. Applications are available at <u>www.orrville.com</u>.

The City of Orrville is an equal opportunity employer. Reasonable accommodation or testing will be made for applicants with disabilities with 72 hour notice.

Schuylkill Haven in need of journeyman electric lineworker

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

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, PA 17972.

American Municipal Power, Inc. 1111 Schrock Road

Suite 100 Columbus, Ohio 43229 614.540.1111

FAX 614.540.1113 www.amppartners.org





Legislative Bulletin

Ohio Municipal League Legislative Bulletin

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Committee Schedule

May 9, 2014

HB 490

The Ohio General Assembly spent the early part of the week focusing on the primary election. Many members had major primary challenges and many issues were on the ballot, both locally and statewide. The Municipal League actively supported State Issue 1, which expanded the ability of local governments to issue bonds. That issue passed overwhelmingly, showing once again that the people of Ohio are willing to invest in critical infrastructure.

As we have suggested previously, during the summer months, when your elected officials are in your communities contacting you and the rest of their constituents, asking for advice on what actions should be taken when they return to the Statehouse, please take that opportunity to share with them the need for cities and villages to be able to raise revenue on the local level and to protect the integrity of the municipal income tax.

MID BIENNIAL REVIEW BEGINS HEARINGS IN SENATE

This week the Senate continued hearings on the Mid Biennial Review bills passed by the House of Representatives several weeks ago. The League maintained a presence at these hearings and continued to voice the concerns of Ohio's cities and villages.

The following MBR bills were examined by Senate Committees this week:

| HB 483 | MBR APPROPRIATIONS (Amstutz, R.)2nd Hearing-Proponent |
|----------|--|
| HB 484 🔳 | MBR HIGHER EDUCATION (Rosenberger, C., Brown, T.)2nd Hearing- Proponent |
| HB 492 🔳 | MBR TAX ADMINISTRATION (Scherer, G.)2nd Hearing-Proponent |
| HB 487 🔳 | MBR EDUCATION (Brenner, A.) –1st Hearing-All testimony (Pending referral) |

MBR ENVIRONMENT (Hall, D., Thompson, A.) --4th Hearing-Proponent

HB 490 MBR ENVIRONMENT (Hall, D., Thompson, A.) –4th Hearing-Proponent

HB 486 MBR WORKFORCE (Baker, N., Stebelton, G.) --1st Hearing-Sponsor

Meanwhile, the House continued holding hearings this week regarding the following:

HB 491 MBR GAMING (Buchy, J., Blessing, L.) –3rd Hearing-All testimony-Possible amendments & vote

CALL FOR WITNESSES FOR EXPANDED INVESTMENT AUTHORITY

The OML is currently seeking members who would like to testify on HB 459 / SB 287. This bill would expand authority of cities to invest interim and inactive funds. The bill would expand allowable investments to municipal bonds.

Written testimony is preferred but oral testimony will be taken on Wednesday May 14th.

If you would like to submit written testimony or testify for about this bill, please contact legislative advocate Josh Brown: (614) 221-4349 jbrown@omlohio.org

OIL AND GAS SEVERANCE TAX BILL - HB 375

The House Ways and Means committee held an 8th hearing on

HB 375 Wednesday, with another substitute version of the proposal expected to be presented for the committee's consideration. The league has been working closely with legislators and other local government organizations to addresses concerns we have with the degree of support local governments can expect to receive through the legislation who are being negatively impacted by the increase in demand for services, as a result of the expanded drilling activities in the Ohio Shale regions.

We are hopeful that there will be a greater consideration given for a fair distribution of new revenue generated by the revised Severance tax to these impacted local governments, as they work to insure the health and safety of existing residents and the new activities that accompany new opportunities.

The following provisions are what the Committee is discussing at this time:

Rate:

- Rate of 2.5% for horizontal drillers. (Up from 2.25% in sub-bill)
- Rate of 10 cents a barrel of oil and 11/2 cents per MCF of natural gas for vertical drillers. (Revert to introduced language)
- Cost recovery a blanket \$10M exemption for horizontal wells (no cost recovery for vertical wells) will replace the time period currently in the sub-bill.

- Gross Receipts compromise language.
- Affiliate Language compromise language.

Credits/Exemptions: (Unchanged from Current Bill)

- Gross receipts related to oil and gas revenue from taxpayers who have both an income and severance tax liability are exempt from the Commercial Activities Tax.
- Ohio resident landowners are eligible for a income tax credit for their severance tax liability up to 12.5% of the total severance tax due attributable to their lands.

Disbursement:

- The first \$21 million in revenue goes to fund the Ohio Department of Natural Resources in the following manner: (Unchanged)
- \$15 million for the department's regulatory functions
- \$3 million for the department's idle and orphan well program
- \$3 million for the department's geological mapping program
 - Fifteen percent of the total severance tax revenue will be distributed to local governments in the following manner:
 - Hold the Local Government and the Public Library Funds harmless. Of the remainder:
 - \sim The money is distributed to counties in proportion to the statewide share of oil and gas revenue they produce.
 - $\sim 20\%$ goes to counties; budget commission will decide must be used on capital.
 - $\sim~5\%$ goes toward a township road maintenance fund.
 - \sim 75% goes toward the Ohio Shale Gas Infrastructure Development Fund, with the Ohio Shale Gas Regional Commission making awards. (of this 85% goes to infrastructure projects and 15% goes to a legacy fund)
 - $\sim PWC$ will manage application and award the grants.

 \sim The Ohio Shale Gas Regional Commission is made up of 3 county commissioners, 3 township trustees, 3 municipal leaders, 1 economic development leader and 1 representative of the oil and gas industry.

• The balance will provide annual income tax relief to Ohioans through the Ohio Income Tax Reduction Fund. (Unchanged)

Other:

• Compromise language from Ohio Environmental Council and OOGA creating the Idle and Orphan Well Program which identifies, locates and plugs wells throughout the state. They would have to create and maintain a statewide inventory of such wells, provide annual reports and seek cost recovery of plugging the wells.

DATAOHIO INITIATIVE

On Tuesday, the House State and Local Government Committee will continue to hold hearings on the DataOhio Initiative, which is a series of four bills proposed by Representatives Mike Duffey and Christina Hagan that would create new optional standards for local government accounting and offer grants for meeting certain accounting reporting requirements. The Committee is expected to take up several amendments.

The League has continued to stress the importance of not adding additional burdens to already heavily burdened local communities. We have been in consistent communications with the bill sponsors about our concerns.