
Memorandum

:

To: Mayor and Members of City Council
cc: City Manager, Finance Director, City Law Director
From: Roxanne
Regarding: General Information
Date: October 05, 2018

CALENDAR

MONDAY, OCTOBER 08, 2018

1. **AGENDA-ELECTRIC COMMITTEE & BOPA at 6:15 PM**
 - a. Approval of Minutes
 - b. October 2018 PSCAF – the reports are attached.
 - c. Status of Transmission Ownership
 - d. AMP Peak Shaving Project
 - e. Electric Department Reports - from September 2018 are enclosed.
2. **AGENDA-WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE at 7:00 PM**
 - a. Approval of Minutes
 - b. Water Rate Study Update - *meeting with BOPA*
 - c. Yard Waste Site - *meeting with BOPA*.
 - d. Discussion Regarding Water Treatment Plant Solids Management.
3. **AGENDA-MUNICIPAL PROPERTIES, BUILDINGS, LAND USE & ECONOMIC DEVELOPMENT COMM. MEETING at 7:30 pm**
 - a. Approval of Minutes
 - b. Grant Opportunity to Move Truck Traffic Off Perry Street/St. Rt. 108. [Tabled]
 - c. ODOT TAP Grant Program Award.

INFORMATIONAL ITEMS

1. Meetings Canceled
 - a. Board of Zoning Appeals
 - b. Planning Commission
 - c. Health Care Cost Committee
2. AMP Weekly Newsletter/September 28, 2018

Records Retention - CM-11 - 2 Years

October 2018

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|-----------|--|--|---|----------------------------------|----------------------------------|-----------|
| | 1 6:15 pm Technology Committee 7:00 pm City Council | 2 | 3 | 4 | 5 | 6 |
| 7 | 8 6:15 pm Electric Comm BOPA 7:00 pm Water & Sewer Committee 7:30 pm Municipal Properties/ED Committee Greg Heath Vacation | 9 Greg Heath Vacation | 10 Greg Heath Vacation | 11 Greg Heath Vacation | 12 Greg Heath Vacation | 13 |
| 14 | 15 5:00 pm -Planning Comm. 6:00 pm - Tree Comm. 6:00 pm - Parks & Rec Committee 7:00 pm -City Council | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 6:30 pm Finance & Budget Committee 7:30 pm Safety & Human Resources Committee | 23 4:30 pm Civil Service Commission | 24 | 25 | 26 | 27 |
| 28 | 29 | 30 | 31 6pm-7:30pm Trick-or-Treat 6:30 pm Parks & Rec Board Mtg. | | | |

More 2018 Calendar Layouts... [Excel Format](#), [Microsoft Word Format](#), [Holiday Calendar](#)

City of Napoleon, Ohio

ELECTRIC COMMITTEE

Meeting Agenda

Monday, October 08, 2018 at 6:15 pm

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

- 1) Approval of Minutes: September 10, 2018 *(In the absence of any objections or corrections, the Minutes shall stand approved).*
- 2) Review/Approval of the Power Supply Cost Adjustment Factor for October 2018: PSCAF – three (3) month averaged factor \$0.01451
JV2 \$0.027145
JV5 \$0.027145
- 3) Status of Transmission Ownership.
- 4) AMP Peak Shaving Project.
- 5) Electric Department Reports.
- 6) Any other matters to come before the Committee.
- 7) Adjournment.



Gregory J. Heath
Finance Director/Clerk of Council

Electric Department Reports

Other Matters

Motion to Adjourn Electric Committee Mtg.

Passed
Yea-3
Nay-0

Approved

Travis Sheaffer - Chair

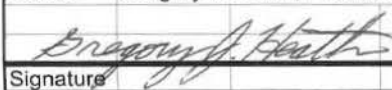
CITY OF NAPOLEON, OHIO - PSCAF
POWER SUPPLY COST ADJUSTMENT FACTOR (PSCAF) - COMPUTATION OF MONTHLY PSCAF
 COMPUTATIONS WITH CORRECTED DATA FROM JULY, 2015, THROUGH MARCH, 2017

| AMP Billed Usage Month | PSCAF City Billing Month | AMP - kWh Delivered As Listed on AMP Invoices | Purchased Power Supply Costs (*=Net of Known) (+ OR - Other Cr's) | Rolling 3-Month Totals | | Rolling 3 Month Average Cost | Less: Fixed Base Power Supply Cost | PSCA Dollar Difference + or (-) | PSCA-Corrtd. 3 MONTH AVG.FACTOR + Line Loss |
|------------------------|--------------------------|---|---|------------------------|-----------------|------------------------------|------------------------------------|---------------------------------|---|
| (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) |
| | | Actual Billed | Actual Billed w/Cr's | c + prior 2 Mo | d + prior 2 Mo | f / e | \$0.07194 Fixed | g + h | i X 1.075 |
| Dec '16 | Feb '17 | 13,827,811 | \$ 1,089,497.78 | 38,450,308 | \$ 3,001,840.39 | \$ 0.07807 | \$ (0.07194) | \$ 0.00613 | \$ 0.00659 |
| Jan'17 | Mar '17 | 13,656,702 | *\$ 1,025,645.91 | 39,704,605 | \$ 3,071,724.62 | \$ 0.07736 | \$ (0.07194) | \$ 0.00542 | \$ 0.00583 |
| Feb'17 | Apr '17 | 11,866,614 | *\$ 912,320.61 | 39,351,127 | \$ 3,027,464.30 | \$ 0.07693 | \$ (0.07194) | \$ 0.00499 | \$ 0.00536 |
| Mar'17 | May '17 | 12,936,492 | \$ 1,069,577.85 | 38,459,808 | \$ 3,007,544.37 | \$ 0.07820 | \$ (0.07194) | \$ 0.00626 | \$ 0.00673 |
| Apr'17 | June '17 | 11,497,068 | \$ 943,085.70 | 36,300,174 | \$ 2,924,984.16 | \$ 0.08058 | \$ (0.07194) | \$ 0.00864 | \$ 0.00929 |
| May'17 | July '17 | 12,213,395 | \$ 1,006,024.23 | 36,646,955 | \$ 3,018,687.78 | \$ 0.08237 | \$ (0.07194) | \$ 0.01043 | \$ 0.01121 |
| June'17 | Aug '17 | 13,580,367 | \$ 1,096,910.02 | 37,290,830 | \$ 3,046,019.95 | \$ 0.08168 | \$ (0.07194) | \$ 0.00974 | \$ 0.01047 |
| July'17 | Sep '17 | 14,573,346 | \$ 1,192,319.89 | 40,367,108 | \$ 3,295,254.14 | \$ 0.08163 | \$ (0.07194) | \$ 0.00969 | \$ 0.01042 |
| Aug'17 | Oct '17 | 14,326,956 | \$ 1,182,800.05 | 42,480,669 | \$ 3,472,029.96 | \$ 0.08173 | \$ (0.07194) | \$ 0.00979 | \$ 0.01052 |
| Sept'17 | Nov'17 | 12,915,106 | \$ 1,041,374.28 | 41,815,408 | \$ 3,416,494.22 | \$ 0.08170 | \$ (0.07194) | \$ 0.00976 | \$ 0.01049 |
| Oct'17 | Dec'17 | 12,743,776 | *\$ 1,064,421.41 | 39,985,838 | \$ 3,288,595.74 | \$ 0.08224 | \$ (0.07194) | \$ 0.01030 | \$ 0.01107 |
| Nov'17 | Jan'18 | 12,424,075 | \$ 1,088,533.30 | 38,082,957 | \$ 3,194,328.99 | \$ 0.08388 | \$ (0.07194) | \$ 0.01194 | \$ 0.01284 |
| Dec'17 | Feb'18 | 13,391,143 | \$ 1,149,912.68 | 38,558,994 | \$ 3,302,867.39 | \$ 0.08566 | \$ (0.07194) | \$ 0.01372 | \$ 0.01475 |
| Jan'18 | Mar'18 | 13,957,533 | \$ 1,336,329.96 | 39,772,751 | \$ 3,574,775.94 | \$ 0.08988 | \$ (0.07194) | \$ 0.01794 | \$ 0.01929 |
| Feb'18 | Apr'18 | 12,213,852 | *\$ 914,897.80 | 39,562,528 | \$ 3,401,140.44 | \$ 0.08597 | \$ (0.07194) | \$ 0.01403 | \$ 0.01508 |
| Mar'18 | May'18 | 12,894,285 | *\$ 1,115,898.14 | 39,065,670 | \$ 3,367,125.90 | \$ 0.08619 | \$ (0.07194) | \$ 0.01425 | \$ 0.01532 |
| Apr'18 | June'18 | 11,995,837 | \$ 1,154,645.74 | 37,103,974 | \$ 3,185,441.68 | \$ 0.08585 | \$ (0.07194) | \$ 0.01391 | \$ 0.01495 |
| May'18 | July'18 | 12,812,421 | \$ 1,184,249.00 | 37,702,543 | \$ 3,454,792.88 | \$ 0.09163 | \$ (0.07194) | \$ 0.01969 | \$ 0.02117 |
| June'18 | Aug'18 | 13,813,277 | \$ 1,230,516.92 | 38,621,535 | \$ 3,569,411.66 | \$ 0.09242 | \$ (0.07194) | \$ 0.02048 | \$ 0.02202 |
| July'18 | Sep'18 | 15,234,049 | \$ 1,312,135.13 | 41,859,747 | \$ 3,726,901.05 | \$ 0.08903 | \$ (0.07194) | \$ 0.01709 | \$ 0.01837 |
| Aug'18 | Oct'18 | 15,634,242 | \$ 1,275,023.19 | 44,681,568 | \$ 3,817,675.24 | \$ 0.08544 | \$ (0.07194) | \$ 0.01350 | \$ 0.01451 |

* Total Includes Other (-) Credits / (+) Debits in Purchased Power Costs, Not Listed on AMP Billings:

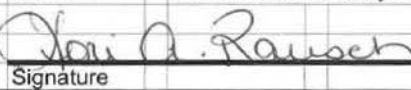
PSCAF - Preparers Signature:

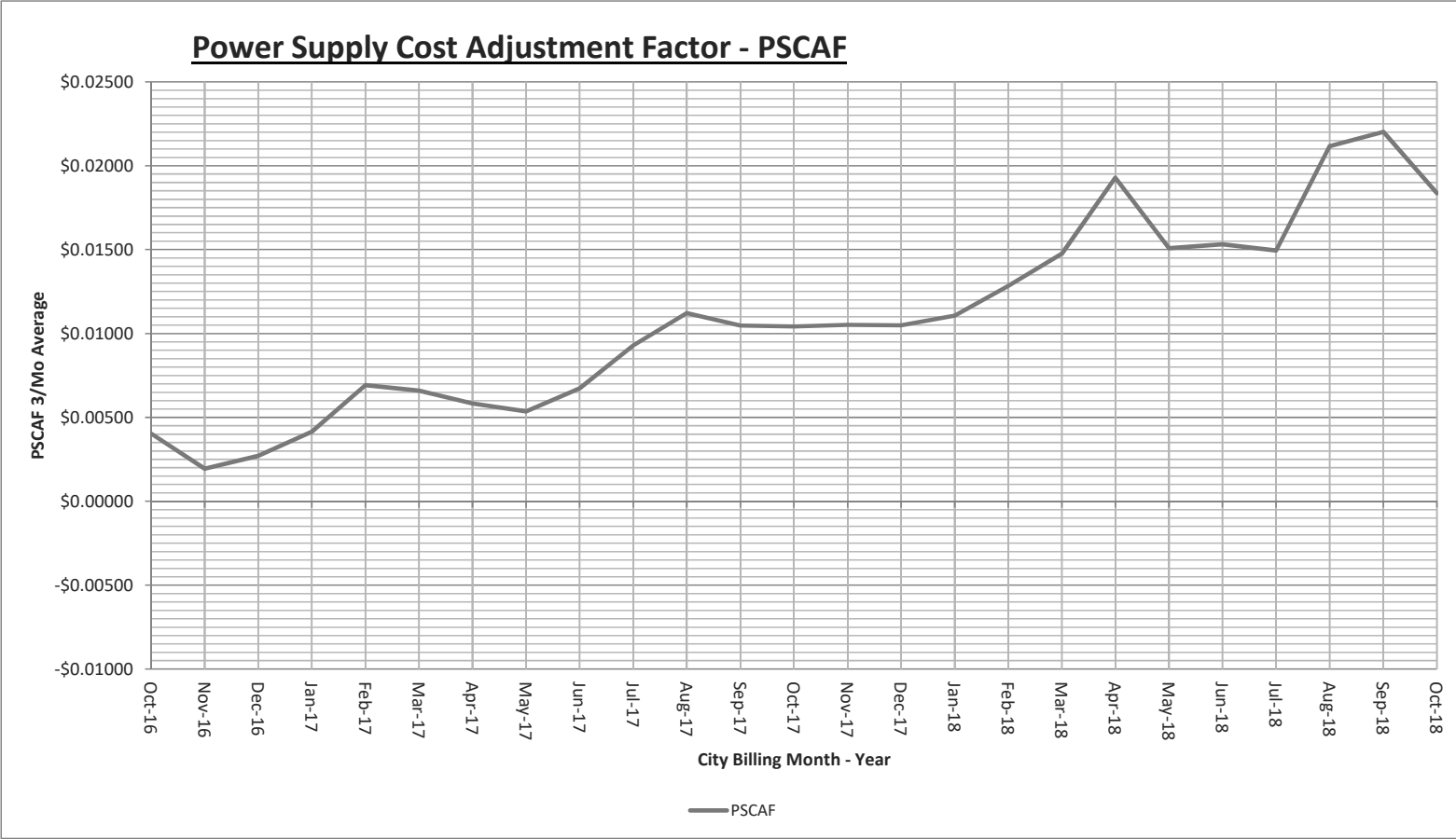
Name - Gregory J. Heath, Finance Director

 9/20/2018
 Signature Date

PSCAF - Reviewers Signature:

Name - Lori A. Rausch, Utility Billing Administrator

 9/20/2018
 Signature Date



| BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - OCTOBER, 2018 | | | | | | | | | |
|---|-----------------|---------------|-----------------|----------------|--------------|---------------|-----------------------|---------------|---------------|
| 2018 - OCTOBER BILLING WITH AUGUST 2018 AMP BILLING PERIOD AND SEPTEMBER 2018 CITY CONSUMPTION AND BILLING DATA | | | | | | | | | |
| PREVIOUS MONTH'S POWER BILLS - PURCHASED POWER KWH AND COST ALLOCATIONS BY DEMAND & ENERGY: | | | | | | | | | |
| DATA PERIOD | MONTH / YR | DAYS IN MONTH | | MUNICIPAL PEAK | | | | | |
| AMP-Ohio Bill Month | AUGUST, 2018 | 31 | | 31.930 | | | | | |
| City-System Data Month | SEPTEMBER, 2018 | 30 | | | | | | | |
| City-Monthly Billing Cycle | OCTOBER, 2018 | 31 | | | | | | | |
| =====CONTRACTED AND OPEN MARKET POWER===== | | | | | ==PEAKING== | | =====HYDRO POWER===== | | |
| (| AMP CT | FREEMONT | PRAIRIE STATE | MORGAN STNLY. | NORTHERN | JV-2 | AMP-HYDRO | MELDAHL-HYDRO | GREENUP HYDRO |
| PURCHASED POWER-RESOURCES -> (| ENERGY | SCHED. @ PJMC | REPLMNT.2015-20 | POWER | POOL | PEAKING | CSW | SCHED. @ | SCHED. @ |
| (| SCHED. @ ATSI | SCHEDULED | REPLMT @ PJMC | 7x24 @ AD | | SCHED. @ ATSI | SCHED. @ PJMC | MELDAHL BUS | GREENUP BUS |
| Delivered kWh (On Peak) -> | 157,933 | 5,029,269 | 3,741,653 | 2,827,200 | 169,583 | 2,121 | 2,301,215 | 298,279 | 191,163 |
| Delivered kWh (Off Peak) -> | | | | | 145 | | | | |
| Delivered kWh (Replacement/Losses/Offset) -> | | | | | | | | | |
| Delivered kWh/Sale (Credits) -> | | | | | -2,181,230 | | | | |
| | | | | | | | | | |
| Net Total Delivered kWh as Billed -> | 157,933 | 5,029,269 | 3,741,653 | 2,827,200 | -2,011,502 | 2,121 | 2,301,215 | 298,279 | 191,163 |
| Percent % of Total Power Purchased-> | 1.0102% | 32.1683% | 23.9322% | 18.0834% | -12.8660% | 0.0136% | 14.7191% | 1.9079% | 1.2227% |
| COST OF PURCHASED POWER: | | | | | | | | | |
| DEMAND CHARGES (+Debits) | | | | | | | | | |
| Demand Charges | \$31,620.00 | \$33,588.73 | \$57,642.82 | | | \$636.24 | \$213,447.96 | \$17,302.32 | \$2,258.33 |
| Debt Services (Principal & Interest) | | \$44,287.77 | \$100,580.99 | | | | | | \$6,468.58 |
| DEMAND CHARGES (-Credits) | | | | | | | | | |
| Transmission Charges (Demand-Credits) | -\$48,665.72 | | | | | -\$891.76 | | | |
| Capacity Credit | -\$47,748.21 | -\$41,715.42 | -\$23,755.63 | | | -\$1,125.71 | -\$4,125.51 | -\$2,328.25 | -\$1,269.21 |
| | | | | | | | | | |
| Sub-Total Demand Charges | -\$64,793.93 | \$36,161.08 | \$134,468.18 | \$0.00 | \$0.00 | -\$1,381.23 | \$209,322.45 | \$14,974.07 | \$7,457.70 |
| ENERGY CHARGES (+Debits): | | | | | | | | | |
| Energy Charges - (On Peak) | \$14,300.84 | \$106,582.79 | \$45,399.64 | \$177,972.24 | \$9,739.35 | \$112.97 | \$73,063.58 | \$9,470.36 | \$664.18 |
| Energy Charges - (Replacement/Off Peak) | | | | | \$3.45 | | | | |
| Net Congestion, Losses, FTR | | \$13,547.52 | \$13,650.57 | \$4,668.72 | | | \$8,094.24 | \$552.16 | \$391.39 |
| Transmission Charges (Energy-Debits) | | | \$22,066.92 | | | | | | |
| ESPP Charges | | | | | | | | | |
| Bill Adjustments (General & Rate Levelization) | | \$1.41 | \$1,280.11 | | | \$25.80 | | | \$5,662.90 |
| ENERGY CHARGES (-Credits or Adjustments): | | | | | | | | | |
| Energy Charges - On Peak (Sale or Rate Stabilization) | | | | | -\$64,345.88 | | | | |
| Net Congestion, Losses, FTR | | | | | \$602.26 | | | | |
| Bill Adjustments (General & Rate Levelization) | | | | | | | -\$4,027.13 | -\$521.99 | -\$334.54 |
| | | | | | | | | | |
| Sub-Total Energy Charges | \$14,300.84 | \$120,131.72 | \$82,397.24 | \$182,640.96 | -\$54,000.82 | \$138.77 | \$77,130.69 | \$9,500.53 | \$6,383.93 |
| TRANSMISSION & SERVICE CHARGES, MISC.: | | | | | | | | | |
| RPM / PJM Charges Capacity - (+Debit) | | | | | | | | | |
| RPM / PJM Charges Capacity - (-Credit) | | | | | | | | | |
| Service Fees AMP-Dispatch Center - (+Debit/-Credit) | | | | | | | | | |
| Service Fees AMP-Part A - (+Debit/-Credit) | | | | | | | | | |
| Service Fees AMP-Part B - (+Debit/-Credit) | | | | | | | | | |
| Other Charges & Bill Adjustments - (+Debit/-Credit) | | | | | | | | | |
| | | | | | | | | | |
| Sub-Total Service Fees & Other Charges | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| | | | | | | | | | |
| TOTAL NET COST OF PURCHASED POWER | -\$50,493.09 | \$156,292.80 | \$216,865.42 | \$182,640.96 | -\$54,000.82 | -\$1,242.46 | \$286,453.14 | \$24,474.60 | \$13,841.63 |
| Percent % of Total Power Cost-> | -3.9602% | 12.2582% | 17.0087% | 14.3245% | -4.2353% | -0.0974% | 22.4665% | 1.9195% | 1.0856% |
| | | | | | | | | | |
| Purchased Power Resources - Cost per kWh-> | -\$0.319712 | \$0.031077 | \$0.057960 | \$0.064601 | -\$0.026846 | -\$0.585790 | \$0.124479 | \$0.082053 | \$0.072407 |
| | | | | | | | | | |

| | | | | | | | | | |
|---|---------------|--------------|---------------|----------------|--|---------------|-----------------|-----------------------|---|
| BILLING SUMMARY AND CONS | | | | | | | | | |
| 2018 - OCTOBER BILLING WITH AUGUST 2018 | | | | | | | | | |
| PREVIOUS MONTH'S POWER BILLS - PU | | | | | | | | | |
| DATA PERIOD | | | | | | | | | |
| AMP-Ohio Bill Month | | | | | | | | | |
| City-System Data Month | | | | | | | | | |
| City-Monthly Billing Cycle | | | | | | | | | |
| | ===== | | ====WIND===== | ====SOLAR===== | ===TRANSMISSION, SERVICE FEES & MISC. CONTRACTS=== | | | | |
| (| NYPA | JV-5 | JV-6 | AMP SOLAR | EFFNCY.SMART | TRANSMISSION | SERVICE FEES | MISCELLANEOUS | TOTAL - |
| PURCHASED POWER-RESOURCES -> (| HYDRO | HYDRO | WIND | PHASE 1 | POWER PLANT | CHARGES | DISPATCH, A & B | CHARGES & | ALL |
| (| SCHED. @ NYIS | 7x24 @ ATSI | SCHED. @ ATSI | SCHED. @ ATSI | 2017 - 2020 | Other Charges | Other Charges | LEVELIZATION | RESOURCES |
| Delivered kWh (On Peak) -> | 602,936 | 2,297,472 | 18,959 | 143,989 | 0 | 0 | 0 | 0 | 17,781,772 |
| Delivered kWh (Off Peak) -> | | | | | | | | | 145 |
| Delivered kWh (Replacement/Losses/Offset) -> | | 33,555 | | | | | | | 33,555 |
| Delivered kWh/Sale (Credits) -> | | | | | | | | | -2,181,230 |
| Net Total Delivered kWh as Billed -> | 602,936 | 2,331,027 | 18,959 | 143,989 | 0 | 0 | 0 | 0 | 15,634,242 |
| Percent % of Total Power Purchased-> | 3.8565% | 14.9098% | 0.1213% | 0.9210% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 100.0000% |
| | | | | | | | | Verification Total -> | 100.0000% |
| COST OF PURCHASED POWER: | | | | | | | | | |
| DEMAND CHARGES (+Debits) | | | | | | | | | |
| Demand Charges | \$6,285.61 | \$34,667.97 | \$1,593.83 | | | \$137,730.08 | | | \$536,773.89 |
| Debt Services (Principal & Interest) | | \$55,367.84 | | | | | | | \$206,705.18 |
| DEMAND CHARGES (-Credits) | | | | | | | | | |
| Transmission Charges (Demand-Credits) | | -\$14,326.49 | -\$46.75 | | | | | | -\$63,930.72 |
| Capacity Credit | -\$4,685.99 | -\$15,470.15 | -\$99.50 | | | | | | -\$142,323.58 |
| Sub-Total Demand Charges | \$1,599.62 | \$60,239.17 | \$1,447.58 | \$0.00 | \$0.00 | \$137,730.08 | \$0.00 | \$0.00 | \$537,224.77 |
| ENERGY CHARGES (+Debits): | | | | | | | | | |
| Energy Charges - (On Peak) | \$13,653.80 | \$46,127.06 | | \$12,527.06 | | \$4,188.73 | | | \$513,802.60 |
| Energy Charges - (Replacement/Off Peak) | | | | | | | | | \$3.45 |
| Net Congestion, Losses, FTR | \$647.24 | | | | | | | | \$41,551.84 |
| Transmission Charges (Energy-Debits) | | | | | | | | | \$22,066.92 |
| ESPP Charges | | | | | \$18,012.14 | | | | \$18,012.14 |
| Bill Adjustments (General & Rate Levelization) | | | | | | | | | \$6,970.22 |
| ENERGY CHARGES (-Credits or Adjustments): | | | | | | | | | |
| Energy Charges - On Peak (Sale or Rate Stabilization) | | | | | | | | | -\$64,345.88 |
| Net Congestion, Losses, FTR | | | | | | | | | \$602.26 |
| Bill Adjustments (General & Rate Levelization) | -\$3,872.02 | | | | | | | | -\$8,755.68 |
| Sub-Total Energy Charges | \$10,429.02 | \$46,127.06 | \$0.00 | \$12,527.06 | \$18,012.14 | \$4,188.73 | \$0.00 | \$0.00 | \$529,907.87 |
| TRANSMISSION & SERVICE CHARGES, MISC.: | | | | | | | | | |
| RPM / PJM Charges Capacity - (+Debit) | | | | | | \$195,701.35 | | | \$195,701.35 |
| RPM / PJM Charges Capacity - (-Credit) | | | | | | | | | \$0.00 |
| Service Fees AMP-Dispatch Center - (+Debit/-Credit) | | | | | | | \$323.67 | | \$323.67 |
| Service Fees AMP-Part A - (+Debit/-Credit) | | | | | | | \$2,774.03 | | \$2,774.03 |
| Service Fees AMP-Part B - (+Debit/-Credit) | | | | | | | \$9,091.50 | | \$9,091.50 |
| Other Charges & Bill Adjustments - (+Debit/-Credit) | | | | | | | | | \$0.00 |
| Sub-Total Service Fees & Other Charges | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$195,701.35 | \$12,189.20 | \$0.00 | \$207,890.55 |
| TOTAL NET COST OF PURCHASED POWER | \$12,028.64 | \$106,366.23 | \$1,447.58 | \$12,527.06 | \$18,012.14 | \$337,620.16 | \$12,189.20 | \$0.00 | \$1,275,023.19 |
| Percent % of Total Power Cost-> | 0.9434% | 8.3423% | 0.1135% | 0.9825% | 1.4127% | 26.4795% | 0.9560% | 0.0000% | 100.0000% |
| Purchased Power Resources - Cost per kWh-> | \$0.019950 | \$0.045631 | \$0.076353 | \$0.087000 | \$0.000000 | \$0.000000 | \$0.000000 | \$0.000000 | \$0.081553 |
| | | | | | | | | | (Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWh) = JV2 Electric Service Rate -> |
| | | | | | | | | | \$0.027145 |
| | | | | | | | | | (Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWh) = JV5 Electric Service Rate -> |

| BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - OCTOBER, 2018 | | | | | | | | | | | | | | | | | | | |
|--|--------------|---------------|-----------------------|-----------------------|-------------------------|-------------------------|------------------------|---------------|-----------------------|-----------------------|-------------------------|---------------|-----------------------|-----------------------|-------------------------|--|--|--|--|
| OCTOBER, 2018 | | | | | | | | | | | | | | | | | | | |
| 2018 - OCTOBER BILLING WITH AUGUST 2018 AMP BILLING PERIOD AND SEPTEMBER 2018 CITY CONSUMPTION AND BILLING DATA | | | | | | | | | | | | | | | | | | | |
| Class and/or Schedule | Rate Code | # of Bills | Sep-18 (kWh Usage) | Sep-18 Billed | Billed kVa of Demand | Cost / kWh For Month | Prior 12 Mo Average | # of Bills | Oct-17 (kWh Usage) | Oct-17 Billed | Cost / kWh For Month | # of Bills | Nov-17 (kWh Usage) | Nov-17 Billed | Cost / kWh For Month | | | | |
| Residential (Dom-In) | E1 | 3,350 | 3,081,597 | \$381,317.28 | 0 | \$0.1237 | \$0.1236 | 3,332 | 2,223,727 | \$263,326.85 | \$0.1184 | 3,342 | 2,183,770 | \$258,960.04 | \$0.1186 | | | | |
| Residential (Dom-In) w/Ecosmart | E1E | 8 | 6,146 | \$768.44 | 0 | \$0.1250 | \$0.1254 | 9 | 5,030 | \$604.13 | \$0.1201 | 9 | 5,189 | \$621.37 | \$0.1197 | | | | |
| Residential (Dom-In - All Electric) | E2 | 612 | 480,532 | \$59,991.48 | 0 | \$0.1248 | \$0.1215 | 601 | 358,277 | \$42,791.55 | \$0.1194 | 607 | 359,718 | \$42,973.88 | \$0.1195 | | | | |
| Res.(Dom-In - All Elec.) w/Ecosmart | E2E | 1 | 944 | \$116.65 | 0 | \$0.1236 | \$0.1253 | 1 | 601 | \$71.72 | \$0.1193 | 1 | 498 | \$60.45 | \$0.1214 | | | | |
| Total Residential (Domestic) | | 3,971 | 3,569,219 | \$442,193.85 | 0 | \$0.1239 | \$0.1232 | 3,943 | 2,587,635 | \$306,794.25 | \$0.1186 | 3,959 | 2,549,175 | \$302,615.74 | \$0.1187 | | | | |
| Residential (Rural-Out) | ER1 | 785 | 891,997 | \$116,624.29 | 0 | \$0.1307 | \$0.1294 | 777 | 664,288 | \$83,537.14 | \$0.1258 | 782 | 671,146 | \$84,360.08 | \$0.1257 | | | | |
| Residential (Rural-Out) w/Ecosmart | ER1E | 4 | 3,606 | \$479.65 | 0 | \$0.1330 | \$0.1329 | 4 | 2,206 | \$291.63 | \$0.1322 | 4 | 2,317 | \$304.24 | \$0.1313 | | | | |
| Residential (Rural-Out - All Electric) | ER2 | 373 | 461,395 | \$59,978.41 | 0 | \$0.1300 | \$0.1276 | 376 | 361,254 | \$44,970.86 | \$0.1245 | 375 | 356,797 | \$44,441.94 | \$0.1246 | | | | |
| Res. (Rural-Out - All Electric) w/Ecosmar | ER2E | 2 | 2,179 | \$285.67 | 0 | \$0.1311 | \$0.1280 | 2 | 1,534 | \$194.96 | \$0.1271 | 2 | 1,712 | \$215.25 | \$0.1257 | | | | |
| Residential (Rural-Out w/Dmd) | ER3 | 16 | 22,592 | \$2,912.12 | 259 | \$0.1289 | \$0.1215 | 16 | 12,662 | \$1,603.74 | \$0.1267 | 16 | 15,601 | \$1,938.09 | \$0.1242 | | | | |
| Residential (Rural-Out - All Electric w/Dmd) | ER4 | 9 | 9,780 | \$1,281.92 | 73 | \$0.1311 | \$0.1257 | 9 | 7,172 | \$907.99 | \$0.1266 | 9 | 7,142 | \$904.42 | \$0.1266 | | | | |
| Total Residential (Rural) | | 1,189 | 1,391,549 | \$181,562.06 | 332 | \$0.1305 | \$0.1285 | 1,184 | 1,049,116 | \$131,506.32 | \$0.1253 | 1,188 | 1,054,715 | \$132,164.02 | \$0.1253 | | | | |
| Commercial (1 Ph-In - No Dmd) | EC2 | 73 | 38,745 | \$6,108.85 | 13 | \$0.1577 | \$0.1568 | 76 | 34,747 | \$5,333.29 | \$0.1535 | 76 | 32,527 | \$5,050.68 | \$0.1553 | | | | |
| Commercial (1 Ph-Out - No Dmd) | EC2O | 48 | 7,906 | \$1,644.36 | 0 | \$0.2080 | \$0.2002 | 48 | 7,344 | \$1,510.81 | \$0.2057 | 48 | 7,470 | \$1,526.63 | \$0.2044 | | | | |
| Total Commercial (1 Ph) No Dmd | | 121 | 46,651 | \$7,753.21 | 13 | \$0.1662 | \$0.1651 | 124 | 42,091 | \$6,844.10 | \$0.1626 | 124 | 39,997 | \$6,577.31 | \$0.1644 | | | | |
| Commercial (1 Ph-In - w/Demand) | EC1 | 262 | 398,500 | \$59,217.68 | 2081 | \$0.1486 | \$0.1500 | 259 | 379,198 | \$53,697.15 | \$0.1416 | 260 | 319,807 | \$47,319.16 | \$0.1338 | | | | |
| Commercial (1 Ph-Out - w/Demand) | EC1O | 25 | 52,396 | \$7,170.55 | 165 | \$0.1369 | \$0.1360 | 25 | 44,552 | \$5,902.21 | \$0.1325 | 25 | 44,645 | \$5,891.25 | \$0.1320 | | | | |
| Total Commercial (1 Ph) w/Demand | | 287 | 450,896 | \$66,388.23 | 2,246 | \$0.1472 | \$0.1482 | 284 | 423,750 | \$59,599.36 | \$0.1406 | 285 | 364,452 | \$53,210.41 | \$0.1460 | | | | |
| Commercial (3 Ph-Out - No Dmd) | EC4O | 2 | 40 | \$41.40 | 4 | \$1.0350 | \$0.1389 | 2 | 80 | \$46.17 | \$0.5771 | 2 | 40 | \$41.09 | \$1.0273 | | | | |
| Total Commercial (3 Ph) No Dmd | | 2 | 40 | \$41.40 | 4 | \$1.0350 | \$0.1389 | 2 | 80 | \$46.17 | \$0.5771 | 2 | 40 | \$41.09 | \$1.0273 | | | | |
| Commercial (3 Ph-In - w/Demand) | EC3 | 205 | 1,852,442 | \$246,545.64 | 6115 | \$0.1331 | \$0.1321 | 204 | 1,692,732 | \$214,231.62 | \$0.1266 | 205 | 1,517,308 | \$193,360.95 | \$0.1274 | | | | |
| Commercial (3 Ph-Out - w/Demand) | EC3O | 37 | 302,193 | \$41,843.55 | 1461 | \$0.1385 | \$0.1326 | 38 | 325,955 | \$41,725.26 | \$0.1280 | 38 | 294,347 | \$39,396.29 | \$0.1338 | | | | |
| Commercial (3 Ph-Out - w/Dmd.&Sub-St) | E3SO | 3 | 126,380 | \$15,879.18 | 468 | \$0.1257 | \$0.1232 | 3 | 116,000 | \$13,869.38 | \$0.1196 | 3 | 129,040 | \$15,176.79 | \$0.1176 | | | | |
| Commercial (3 Ph-In - w/Demand, No Ta) | EC3T | 1 | 8,880 | \$1,126.29 | 24 | \$0.1266 | \$0.1414 | 1 | 5,480 | \$770.10 | \$0.1405 | 1 | 4,360 | \$541.13 | \$0.1470 | | | | |
| Total Commercial (3 Ph) w/Demand | | 246 | 2,289,875 | \$305,394.66 | 8,068 | \$0.1334 | \$0.1317 | 246 | 2,140,167 | \$270,596.36 | \$0.1264 | 247 | 1,945,055 | \$248,575.16 | \$0.1278 | | | | |
| Large Power (In - w/Dmd & Rct) | EL1 | 20 | 2,452,238 | \$263,428.77 | 5252 | \$0.1074 | \$0.1083 | 20 | 2,337,738 | \$237,863.72 | \$0.1017 | 20 | 2,135,368 | \$229,141.71 | \$0.1073 | | | | |
| Large Power (In - w/Dmd & Rct, w/SbCr) | EL2 | 3 | 1,127,543 | \$111,927.95 | 2060 | \$0.0993 | \$0.0985 | 3 | 1,123,509 | \$108,039.15 | \$0.0962 | 3 | 1,135,244 | \$106,358.90 | \$0.0937 | | | | |
| Large Power (Out - w/Dmd & Rct, w/SbCr) | EL2O | 1 | 507,600 | \$54,558.29 | 1089 | \$0.1075 | \$0.1057 | 1 | 537,600 | \$53,006.22 | \$0.0986 | 1 | 550,800 | \$53,439.61 | \$0.0970 | | | | |
| Large Power (In - w/Dmd & Rct, w/SbCr) | EL3 | 2 | 80,800 | \$13,357.94 | 441 | \$0.1653 | \$0.1434 | 2 | 81,360 | \$16,071.48 | \$0.1975 | 2 | 76,818 | \$10,209.80 | \$0.1329 | | | | |
| Total Large Power | | 26 | 4,168,181 | \$443,272.95 | 8,842 | \$0.1063 | \$0.1060 | 26 | 4,080,207 | \$414,980.57 | \$0.1017 | 26 | 3,898,230 | \$399,150.02 | \$0.1024 | | | | |
| Industrial (In - w/Dmd & Rct, w/SbCr) | EI1 | 1 | 1,140,164 | \$108,239.67 | 1963 | \$0.0949 | \$0.0944 | 1 | 1,129,616 | \$99,604.19 | \$0.0882 | 1 | 1,112,781 | \$97,747.46 | \$0.0878 | | | | |
| Industrial (In - w/Dmd & Rct, No/SbCr) | EI2 | 1 | 916,506 | \$87,069.32 | 1531 | \$0.0950 | \$0.0969 | 1 | 796,422 | \$72,352.61 | \$0.0908 | 1 | 957,307 | \$86,295.32 | \$0.0901 | | | | |
| Total Industrial | | 2 | 2,056,670 | \$195,308.99 | 3,494 | \$0.0950 | \$0.0954 | 2 | 1,926,038 | \$171,956.80 | \$0.0893 | 2 | 2,070,088 | \$184,042.78 | \$0.0889 | | | | |
| Interdepartmental (In - No Dmd) | ED1 | 10 | 48,027 | \$6,417.77 | 165 | \$0.1336 | \$0.1290 | 8 | 30,204 | \$3,954.95 | \$0.1309 | 9 | 30,726 | \$3,903.70 | \$0.1270 | | | | |
| Interdepartmental (Out - w/Dmd) | ED2O | 2 | 588 | \$103.55 | 0 | \$0.1761 | \$0.1968 | 2 | 288 | \$60.78 | \$0.2110 | 2 | 365 | \$70.56 | \$0.1933 | | | | |
| Interdepartmental (In - w/Dmd) | ED2 | 29 | 23,590 | \$3,536.12 | 0 | \$0.1499 | \$0.1399 | 26 | 20,645 | \$2,940.06 | \$0.1424 | 26 | 22,151 | \$3,130.33 | \$0.1413 | | | | |
| Interdepartmental (3Ph-In - w/Dmd) | ED3 | 10 | 154,527 | \$20,179.18 | 528 | \$0.1306 | \$0.1267 | 11 | 191,075 | \$22,412.21 | \$0.1173 | 11 | 170,644 | \$19,992.77 | \$0.1172 | | | | |
| Interdepartmental (Street Lights) | EDSL | 7 | 63,071 | \$5,868.82 | 0 | \$0.0931 | \$0.0930 | 7 | 62,879 | \$5,850.15 | \$0.0930 | 7 | 63,071 | \$5,865.70 | \$0.0930 | | | | |
| Interdepartmental (Traffic Signals) | EDTS | 8 | 1,615 | \$149.33 | 0 | \$0.0925 | \$0.0925 | 9 | 1,641 | \$151.75 | \$0.0925 | 9 | 1,699 | \$157.09 | \$0.0925 | | | | |
| Generators (JV2 Power Cost Only) | GJV2 | 1 | 14,354 | \$311.19 | 22 | \$0.0217 | \$0.0000 | 1 | 19,650 | \$149.14 | \$0.0076 | 1 | 19,414 | \$444.39 | \$0.0229 | | | | |
| Generators (JV5 Power Cost Only) | GJV5 | 1 | 6,673 | \$144.67 | 0 | \$0.0217 | \$0.0000 | 1 | 12,615 | \$95.75 | \$0.0076 | 1 | 11,906 | \$272.53 | \$0.0229 | | | | |
| Total Interdepartmental | | 68 | 312,445 | \$36,710.63 | 715 | \$0.1175 | \$0.1142 | 65 | 338,997 | \$35,614.79 | \$0.1051 | 66 | 319,976 | \$33,837.07 | \$0.1057 | | | | |
| SUB-TOTAL CONSUMPTION & DEMAND | | 5,912 | 14,285,526 | \$1,678,625.98 | 23,714 | \$0.1175 | \$0.1164 | 5,876 | 12,588,081 | \$1,397,938.72 | \$0.1111 | 5,899 | 12,241,728 | \$1,360,213.60 | \$0.1111 | | | | |
| Street Lights (In) | SLO | 14 | 0 | \$13.44 | 0 | \$0.0000 | \$0.0458 | 13 | 0 | \$13.28 | \$0.0000 | 13 | 0 | \$13.28 | \$0.0000 | | | | |
| Street Lights (Out) | SLOO | 2 | 0 | \$1.91 | 0 | \$0.0000 | \$0.0000 | 2 | 0 | \$1.91 | \$0.0000 | 2 | 0 | \$1.92 | \$0.0000 | | | | |
| Total Street Light Only | | 16 | 0 | \$15.35 | 0 | \$0.0000 | \$0.0517 | 15 | 0 | \$15.19 | \$0.0000 | 15 | 0 | \$15.20 | \$0.0000 | | | | |
| TOTAL CONSUMPTION & DEMAND | | 5,928 | 14,285,526 | \$1,678,641.33 | 23,714 | \$0.1175 | \$0.1164 | 5,891 | 12,588,081 | \$1,397,953.91 | \$0.1111 | 5,914 | 12,241,728 | \$1,360,228.80 | \$0.1111 | | | | |

| BILLING SUMMARY AND COST | | | | | | | | | | | | | | | | |
|--|-------|--------------|-------------------|-----------------------|-----------------|--------------|-------------------|-----------------------|-----------------|--------------|-------------------|-----------------------|-----------------|--------------|-------------------|-----------------------|
| OCTOBER, 2018 | | | | | | | | | | | | | | | | |
| 2018 - OCTOBER BILLING WITH AUGUST 2018 | | | | | | | | | | | | | | | | |
| Class and/or | Rate | # of | Dec-17 | Dec-17 | Cost / kWh | # of | Jan-18 | Jan-18 | Cost / kWh | # of | Feb-18 | Feb-18 | Cost / kWh | # of | Mar-18 | Cost / kWh |
| Schedule | Code | Bills | (kWh Usage) | Billed | For Month | Bills | (kWh Usage) | Billed | For Month | Bills | (kWh Usage) | Billed | For Month | Bills | (kWh Usage) | For Month |
| Residential (Dom-In) | E1 | 3,343 | 1,828,366 | \$220,986.13 | \$0.1209 | 3,335 | 2,010,836 | \$244,589.76 | \$0.1216 | 3,343 | 2,600,843 | \$315,462.64 | \$0.1213 | 3,335 | 2,361,100 | \$298,911.41 |
| Residential (Dom-In) w/Ecosmart | E1E | 9 | 4,265 | \$522.82 | \$0.1226 | 9 | 4,807 | \$590.89 | \$0.1229 | 8 | 4,499 | \$559.08 | \$0.1243 | 8 | 4,002 | \$520.81 |
| Residential (Dom-In - All Electric) | E2 | 600 | 411,193 | \$48,798.42 | \$0.1187 | 604 | 564,281 | \$66,628.60 | \$0.1181 | 602 | 864,143 | \$101,722.88 | \$0.1177 | 606 | 786,539 | \$96,518.49 |
| Res. (Dom-In - All Elec.) w/Ecosmart | E2E | 1 | 543 | \$65.68 | \$0.1210 | 1 | 418 | \$52.69 | \$0.1261 | 1 | 535 | \$66.78 | \$0.1248 | 1 | 523 | \$67.78 |
| Total Residential (Domestic) | | 3,953 | 2,244,367 | \$270,373.05 | \$0.1205 | 3,949 | 2,580,342 | \$311,861.94 | \$0.1209 | 3,954 | 3,470,020 | \$417,811.38 | \$0.1204 | 3,950 | 3,152,164 | \$396,018.49 |
| Residential (Rural-Out) | ER1 | 780 | 685,224 | \$86,337.74 | \$0.1260 | 773 | 765,076 | \$96,763.07 | \$0.1265 | 771 | 986,496 | \$124,341.31 | \$0.1260 | 771 | 908,972 | \$119,325.99 |
| Residential (Rural-Out) w/Ecosmart | ER1E | 4 | 2,675 | \$346.59 | \$0.1296 | 4 | 3,295 | \$423.51 | \$0.1285 | 4 | 4,035 | \$517.35 | \$0.1282 | 4 | 3,609 | \$483.33 |
| Residential (Rural-Out - All Electric) | ER2 | 375 | 403,035 | \$49,945.45 | \$0.1239 | 376 | 472,990 | \$58,795.22 | \$0.1243 | 377 | 639,067 | \$79,311.81 | \$0.1241 | 376 | 583,114 | \$75,345.72 |
| Res. (Rural-Out - All Electric) w/Ecosmart | ER2E | 2 | 1,834 | \$230.21 | \$0.1255 | 2 | 2,390 | \$298.17 | \$0.1248 | 2 | 3,571 | \$442.41 | \$0.1239 | 2 | 3,058 | \$395.64 |
| Residential (Rural-Out w/Dmd) | ER3 | 16 | 64,428 | \$7,518.60 | \$0.1167 | 16 | 139,280 | \$16,276.44 | \$0.1169 | 16 | 93,486 | \$11,174.66 | \$0.1195 | 16 | 25,797 | \$3,325.21 |
| Residential (Rural-Out - All Electric w/Dmd) | ER4 | 9 | 24,064 | \$2,842.60 | \$0.1181 | 9 | 29,151 | \$3,474.71 | \$0.1192 | 9 | 11,992 | \$1,508.09 | \$0.1258 | 9 | 11,504 | \$1,502.79 |
| Total Residential (Rural) | | 1,186 | 1,181,260 | \$147,221.19 | \$0.1246 | 1,180 | 1,412,182 | \$176,031.12 | \$0.1247 | 1,179 | 1,738,647 | \$217,295.63 | \$0.1250 | 1,178 | 1,536,054 | \$200,378.68 |
| Commercial (1 Ph-In - No Dmd) | EC2 | 73 | 33,935 | \$5,213.13 | \$0.1536 | 72 | 33,842 | \$5,248.60 | \$0.1551 | 73 | 43,883 | \$6,642.26 | \$0.1514 | 74 | 41,741 | \$6,562.97 |
| Commercial (1 Ph-Out - No Dmd) | EC2O | 48 | 7,896 | \$1,585.34 | \$0.2008 | 48 | 11,116 | \$2,015.82 | \$0.1813 | 48 | 12,402 | \$2,206.58 | \$0.1779 | 48 | 10,219 | \$1,966.08 |
| Total Commercial (1 Ph) No Dmd | | 121 | 41,831 | \$6,798.47 | \$0.1625 | 120 | 44,958 | \$7,264.42 | \$0.1616 | 121 | 56,285 | \$8,848.84 | \$0.1572 | 122 | 51,960 | \$8,529.05 |
| Commercial (1 Ph-In - w/Demand) | EC1 | 261 | 291,681 | \$43,822.32 | \$0.1503 | 261 | 284,512 | \$42,357.67 | \$0.1489 | 261 | 328,599 | \$48,114.24 | \$0.1464 | 261 | 339,671 | \$51,012.56 |
| Commercial (1 Ph-Out - w/Demand) | EC1O | 26 | 42,872 | \$5,729.42 | \$0.1336 | 25 | 43,761 | \$5,916.71 | \$0.1352 | 25 | 50,064 | \$6,772.87 | \$0.1353 | 25 | 52,526 | \$7,223.28 |
| Total Commercial (1 Ph) w/Demand | | 287 | 334,553 | \$49,551.74 | \$0.1481 | 286 | 328,273 | \$48,274.38 | \$0.1471 | 286 | 378,663 | \$54,887.11 | \$0.1449 | 286 | 392,197 | \$58,235.83 |
| Commercial (3 Ph-Out - No Dmd) | EC4O | 2 | 80 | \$46.22 | \$0.5778 | 2 | 17,480 | \$2,292.64 | \$0.1312 | 2 | 30,880 | \$4,075.47 | \$0.1320 | 2 | 1,400 | \$226.32 |
| Total Commercial (3 Ph) No Dmd | | 2 | 80 | \$46.22 | \$0.5778 | 2 | 17,480 | \$2,292.64 | \$0.1312 | 2 | 30,880 | \$4,075.47 | \$0.1320 | 2 | 1,400 | \$226.32 |
| Commercial (3 Ph-In - w/Demand) | EC3 | 205 | 1,433,490 | \$184,075.24 | \$0.1284 | 204 | 1,281,988 | \$166,754.24 | \$0.1301 | 206 | 1,371,679 | \$179,694.62 | \$0.1310 | 204 | 1,414,470 | \$190,732.90 |
| Commercial (3 Ph-Out - w/Demand) | EC3O | 38 | 437,383 | \$55,388.91 | \$0.1266 | 37 | 498,587 | \$62,293.93 | \$0.1249 | 37 | 387,026 | \$50,165.48 | \$0.1296 | 37 | 336,281 | \$45,317.24 |
| Commercial (3 Ph-Out - w/Dmd & Sub-St) | EC3SO | 3 | 111,840 | \$13,266.17 | \$0.1186 | 3 | 124,400 | \$14,870.27 | \$0.1195 | 3 | 121,400 | \$14,925.35 | \$0.1229 | 3 | 128,240 | \$16,205.40 |
| Commercial (3 Ph-In - w/Demand, No Ta) | EC3T | 1 | 4,720 | \$688.22 | \$0.1458 | 1 | 1,880 | \$317.02 | \$0.1686 | 1 | 1,880 | \$246.39 | \$0.1311 | 1 | 1,920 | \$289.83 |
| Total Commercial (3 Ph) w/Demand | | 247 | 1,987,433 | \$253,418.54 | \$0.1275 | 245 | 1,906,855 | \$244,235.46 | \$0.1281 | 247 | 1,881,985 | \$245,031.84 | \$0.1302 | 245 | 1,880,911 | \$252,515.37 |
| Large Power (In - w/Dmd & Rct) | EL1 | 20 | 2,168,883 | \$222,936.81 | \$0.1028 | 20 | 2,006,153 | \$213,358.86 | \$0.1064 | 20 | 1,814,927 | \$198,455.18 | \$0.1093 | 20 | 2,068,532 | \$229,984.97 |
| Large Power (In - w/Dmd & Rct, w/SbCr) | EL2 | 3 | 1,022,737 | \$97,146.25 | \$0.0950 | 3 | 927,688 | \$88,035.71 | \$0.0949 | 3 | 966,577 | \$96,296.51 | \$0.0996 | 3 | 949,906 | \$96,998.93 |
| Large Power (Out - w/Dmd & Rct, w/SbCr) | EL2O | 1 | 540,000 | \$52,214.92 | \$0.0967 | 1 | 480,000 | \$48,097.78 | \$0.1002 | 1 | 367,200 | \$41,884.75 | \$0.1141 | 1 | 523,200 | \$56,086.13 |
| Large Power (In - w/Dmd & Rct, w/SbCr) | EL3 | 2 | 88,348 | \$8,206.94 | \$0.0929 | 2 | 85,831 | \$8,470.21 | \$0.0987 | 2 | 116,013 | \$10,980.28 | \$0.0946 | 2 | 110,023 | \$10,673.16 |
| Total Large Power | | 26 | 3,819,968 | \$380,504.92 | \$0.0996 | 26 | 3,499,672 | \$357,962.56 | \$0.1023 | 26 | 3,264,717 | \$347,616.72 | \$0.1065 | 26 | 3,651,661 | \$393,743.19 |
| Industrial (In - w/Dmd & Rct, w/SbCr) | E1I | 1 | 1,089,751 | \$95,026.41 | \$0.0872 | 1 | 1,008,863 | \$93,691.01 | \$0.0929 | 1 | 839,013 | \$84,432.41 | \$0.1006 | 1 | 1,048,501 | \$101,993.46 |
| Industrial (In - w/Dmd & Rct, No/SbCr) | E1I2 | 1 | 793,944 | \$73,110.92 | \$0.0921 | 1 | 580,356 | \$61,860.44 | \$0.1066 | 1 | 589,615 | \$64,585.76 | \$0.1095 | 1 | 749,970 | \$75,744.35 |
| Total Industrial | | 2 | 1,883,695 | \$168,137.33 | \$0.0893 | 2 | 1,589,219 | \$155,551.45 | \$0.0979 | 2 | 1,428,628 | \$149,018.17 | \$0.1043 | 2 | 1,798,471 | \$177,737.83 |
| Interdepartmental (In - No Dmd) | ED1 | 9 | 35,134 | \$4,725.24 | \$0.1345 | 9 | 47,039 | \$5,798.00 | \$0.1233 | 9 | 63,930 | \$7,771.28 | \$0.1216 | 10 | 60,747 | \$7,601.39 |
| Interdepartmental (Out - w/Dmd) | ED2O | 2 | 269 | \$58.51 | \$0.2175 | 2 | 275 | \$59.76 | \$0.2173 | 2 | 257 | \$57.92 | \$0.2254 | 2 | 265 | \$60.17 |
| Interdepartmental (In - w/Dmd) | ED2 | 28 | 44,216 | \$5,978.93 | \$0.1352 | 32 | 59,195 | \$8,039.29 | \$0.1358 | 30 | 85,669 | \$11,592.07 | \$0.1353 | 27 | 72,209 | \$10,123.32 |
| Interdepartmental (3Ph-In - w/Dmd) | ED3 | 11 | 192,105 | \$24,351.34 | \$0.1268 | 11 | 232,067 | \$29,509.11 | \$0.1272 | 11 | 317,586 | \$38,870.80 | \$0.1224 | 11 | 280,875 | \$35,935.72 |
| Interdepartmental (Street Lights) | EDSL | 7 | 63,071 | \$5,850.46 | \$0.0928 | 7 | 63,071 | \$5,874.10 | \$0.0931 | 7 | 63,071 | \$5,866.74 | \$0.0930 | 7 | 63,071 | \$5,859.59 |
| Interdepartmental (Traffic Signals) | EDTS | 9 | 1,805 | \$166.87 | \$0.0924 | 9 | 1,768 | \$163.49 | \$0.0925 | 9 | 1,772 | \$163.83 | \$0.0925 | 9 | 1,800 | \$166.43 |
| Generators (JV2 Power Cost Only) | GJV2 | 1 | 21,949 | \$501.75 | \$0.0229 | 1 | 24,724 | \$724.66 | \$0.0293 | 1 | 30,393 | \$1,009.05 | \$0.0332 | 1 | 27,905 | \$375.32 |
| Generators (JV5 Power Cost Only) | GJV5 | 1 | 11,273 | \$257.70 | \$0.0229 | 1 | 14,021 | \$410.96 | \$0.0293 | 1 | 19,852 | \$659.09 | \$0.0332 | 1 | 16,182 | \$217.65 |
| Total Interdepartmental | | 68 | 369,822 | \$41,890.80 | \$0.1133 | 72 | 442,160 | \$50,579.37 | \$0.1144 | 70 | 582,530 | \$65,990.78 | \$0.1133 | 68 | 523,054 | \$60,339.59 |
| SUB-TOTAL CONSUMPTION & DEMAND | | 5,892 | 11,862,989 | \$1,317,942.26 | \$0.1111 | 5,882 | 11,821,141 | \$1,354,053.34 | \$0.1145 | 5,887 | 12,832,355 | \$1,510,575.94 | \$0.1177 | 5,879 | 12,987,872 | \$1,547,724.35 |
| Street Lights (In) | SLO | 13 | 0 | \$13.29 | \$0.0000 | 13 | 0 | \$13.28 | \$0.0000 | 13 | 0 | \$13.28 | \$0.0000 | 13 | 0 | \$13.28 |
| Street Lights (Out) | SLOO | 2 | 0 | \$1.92 | \$0.0000 | 2 | 0 | \$1.92 | \$0.0000 | 2 | 0 | \$1.91 | \$0.0000 | 2 | 0 | \$1.91 |
| Total Street Light Only | | 15 | 0 | \$15.21 | \$0.0000 | 15 | 0 | \$15.20 | \$0.0000 | 15 | 0 | \$15.19 | \$0.0000 | 15 | 0 | \$15.19 |
| TOTAL CONSUMPTION & DEMAND | | 5,907 | 11,862,989 | \$1,317,957.47 | \$0.1111 | 5,897 | 11,821,141 | \$1,354,068.54 | \$0.1145 | 5,902 | 12,832,355 | \$1,510,591.13 | \$0.1177 | 5,894 | 12,987,872 | \$1,547,739.54 |

ELECTRIC

BILLING DETERMINANTS

DETERMINANTS

| BILLING SUMMARY AND CO | | | | | | | | | | | | | | | | | | | | | |
|--|------|-------|-------------|----------------|------------|-------|-------------|----------------|------------|-------|-------------|----------------|-----------|------------|------------|----------------|----------|-----------|------------|-------|-------------|
| OCTOBER, 2018 | | | | | | | | | | | | | | | | | | | | | |
| 2018 - OCTOBER BILLING WITH AUGUST 2018 | | | | | | | | | | | | | | | | | | | | | |
| Class and/or | Rate | # of | Apr-18 | Apr-18 | Cost / kWh | # of | May-18 | May-18 | Cost / kWh | # of | Jun-18 | Jun-18 | Jun-18 | Cost / kWh | # of | Jul-18 | Jul-18 | Jul-18 | Cost / kWh | # of | Aug-18 |
| Schedule | Code | Bills | (kWh Usage) | Billed | For Month | Bills | (kWh Usage) | Billed | For Month | Bills | (kWh Usage) | Billed | For Month | For Month | Bills | (kWh Usage) | Billed | For Month | For Month | Bills | (kWh Usage) |
| Residential (Dom-In) | E1 | 3,327 | 1,844,873 | \$230,921.77 | \$0.1252 | 3,338 | 2,025,759 | \$250,458.51 | \$0.1236 | 3,335 | 1,635,032 | \$206,075.76 | \$0.1260 | 3,338 | 2,295,429 | \$295,529.06 | \$0.1287 | 3,341 | 3,151,485 | | |
| Residential (Dom-In) w/Ecosmart | E1E | 8 | 3,412 | \$438.16 | \$0.1284 | 8 | 3,653 | \$463.51 | \$0.1269 | 8 | 3,214 | \$413.78 | \$0.1287 | 8 | 4,978 | \$645.47 | \$0.1297 | 8 | 6,640 | | |
| Residential (Dom-In - All Electric) | E2 | 606 | 573,242 | \$69,171.99 | \$0.1207 | 599 | 614,613 | \$73,494.30 | \$0.1196 | 609 | 393,792 | \$48,468.41 | \$0.1231 | 611 | 391,996 | \$50,714.07 | \$0.1294 | 606 | 481,142 | | |
| Res.(Dom-In - All Elec.) w/Ecosmart | E2E | 1 | 464 | \$59.06 | \$0.1273 | 1 | 499 | \$62.77 | \$0.1258 | 1 | 440 | \$56.08 | \$0.1275 | 1 | 574 | \$74.89 | \$0.1305 | 1 | 809 | | |
| Total Residential (Domestic) | | 3,942 | 2,421,991 | \$300,590.98 | \$0.1241 | 3,946 | 2,644,524 | \$324,479.09 | \$0.1227 | 3,953 | 2,032,478 | \$255,014.03 | \$0.1255 | 3,958 | 2,692,977 | \$346,963.49 | \$0.1288 | 3,956 | 3,640,076 | | |
| Residential (Rural-Out) | ER1 | 772 | 716,346 | \$92,931.50 | \$0.1297 | 772 | 764,153 | \$98,209.08 | \$0.1285 | 778 | 587,622 | \$77,418.16 | \$0.1317 | 781 | 750,836 | \$101,456.97 | \$0.1351 | 787 | 895,059 | | |
| Residential (Rural-Out) w/Ecosmart | ER1E | 4 | 2,843 | \$378.47 | \$0.1331 | 4 | 2,900 | \$383.51 | \$0.1322 | 4 | 1,927 | \$268.34 | \$0.1393 | 4 | 2,824 | \$392.21 | \$0.1389 | 4 | 3,437 | | |
| Residential (Rural-Out - All Electric) | ER2 | 376 | 442,647 | \$56,439.39 | \$0.1275 | 375 | 466,587 | \$59,001.30 | \$0.1265 | 376 | 340,371 | \$44,096.83 | \$0.1296 | 375 | 401,084 | \$53,774.49 | \$0.1341 | 373 | 463,633 | | |
| Res. (Rural-Out - All Electric) w/Ecosmart | ER2E | 2 | 2,323 | \$296.55 | \$0.1277 | 2 | 2,756 | \$346.45 | \$0.1257 | 2 | 1,963 | \$252.62 | \$0.1287 | 2 | 2,000 | \$269.44 | \$0.1347 | 2 | 2,196 | | |
| Residential (Rural-Out w/Dmd) | ER3 | 16 | 29,177 | \$3,628.53 | \$0.1244 | 16 | 22,621 | \$2,837.29 | \$0.1254 | 16 | 37,210 | \$4,559.30 | \$0.1225 | 16 | 26,514 | \$3,461.34 | \$0.1305 | 16 | 16,508 | | |
| Residential (Rural-Out - All Electric w/Dmd) | ER4 | 9 | 9,571 | \$1,229.34 | \$0.1284 | 9 | 9,461 | \$1,210.66 | \$0.1280 | 9 | 7,732 | \$1,006.25 | \$0.1301 | 9 | 8,050 | \$1,094.00 | \$0.1359 | 9 | 9,150 | | |
| Total Residential (Rural) | | 1,179 | 1,202,907 | \$154,903.78 | \$0.1288 | 1,178 | 1,268,478 | \$161,988.29 | \$0.1277 | 1,185 | 976,825 | \$127,601.50 | \$0.1306 | 1,187 | 1,191,308 | \$160,448.45 | \$0.1347 | 1,191 | 1,389,983 | | |
| Commercial (1 Ph-In - No Dmd) | EC2 | 73 | 34,316 | \$5,405.33 | \$0.1575 | 73 | 36,466 | \$5,675.44 | \$0.1556 | 71 | 31,323 | \$4,977.81 | \$0.1589 | 73 | 34,703 | \$5,661.85 | \$0.1632 | 73 | 35,297 | | |
| Commercial (1 Ph-Out - No Dmd) | EC2O | 48 | 7,512 | \$1,569.60 | \$0.2089 | 48 | 7,657 | \$1,584.22 | \$0.2069 | 48 | 6,691 | \$1,457.49 | \$0.2178 | 48 | 7,605 | \$1,625.00 | \$0.2137 | 48 | 7,870 | | |
| Total Commercial (1 Ph) No Dmd | | 121 | 41,828 | \$6,974.93 | \$0.1668 | 121 | 44,123 | \$7,259.66 | \$0.1645 | 119 | 38,014 | \$6,435.30 | \$0.1693 | 121 | 42,308 | \$7,286.85 | \$0.1722 | 121 | 43,167 | | |
| Commercial (1 Ph-In - w/Demand) | EC1 | 259 | 288,035 | \$43,656.94 | \$0.1516 | 260 | 307,573 | \$45,594.90 | \$0.1482 | 261 | 280,232 | \$42,801.57 | \$0.1527 | 260 | 306,074 | \$48,757.18 | \$0.1593 | 261 | 348,059 | | |
| Commercial (1 Ph-Out - w/Demand) | EC1O | 25 | 46,069 | \$6,223.64 | \$0.1351 | 25 | 48,846 | \$6,563.36 | \$0.1344 | 25 | 44,323 | \$5,986.77 | \$0.1351 | 25 | 45,411 | \$6,431.09 | \$0.1416 | 25 | 46,585 | | |
| Total Commercial (1 Ph) w/Demand | | 284 | 334,104 | \$49,880.58 | \$0.1493 | 285 | 356,419 | \$52,158.28 | \$0.1463 | 286 | 324,555 | \$48,788.34 | \$0.1503 | 285 | 351,485 | \$55,188.27 | \$0.1570 | 286 | 394,644 | | |
| Commercial (3 Ph-Out - No Dmd) | EC4O | 2 | 80 | \$46.57 | \$0.5821 | 2 | 160 | \$57.04 | \$0.3565 | 2 | 160 | \$57.06 | \$0.3566 | 2 | 80 | \$47.02 | \$0.5878 | 2 | 40 | | |
| Total Commercial (3 Ph) No Dmd | | 2 | 80 | \$46.57 | \$0.5821 | 2 | 160 | \$57.04 | \$0.3565 | 2 | 160 | \$57.06 | \$0.3566 | 2 | 80 | \$47.02 | \$0.5878 | 2 | 40 | | |
| Commercial (3 Ph-In - w/Demand) | EC3 | 205 | 1,352,644 | \$177,660.41 | \$0.1313 | 206 | 1,259,932 | \$167,538.58 | \$0.1330 | 208 | 1,329,700 | \$176,847.10 | \$0.1330 | 208 | 1,451,198 | \$201,102.33 | \$0.1386 | 206 | 1,726,146 | | |
| Commercial (3 Ph-Out - w/Demand) | EC3O | 37 | 302,403 | \$40,173.61 | \$0.1328 | 37 | 291,806 | \$38,489.64 | \$0.1319 | 37 | 249,671 | \$34,289.25 | \$0.1373 | 37 | 266,981 | \$37,840.26 | \$0.1417 | 37 | 280,489 | | |
| Commercial (3 Ph-Out - w/Dmd.&Sub-St) | EC3O | 3 | 116,440 | \$14,345.25 | \$0.1232 | 3 | 112,780 | \$13,817.29 | \$0.1225 | 3 | 111,800 | \$13,732.62 | \$0.1228 | 3 | 115,360 | \$14,950.00 | \$0.1296 | 3 | 123,520 | | |
| Commercial (3 Ph-In - w/Demand, No Ta | EC3T | 1 | 1,840 | \$244.53 | \$0.1329 | 1 | 1,580 | \$211.67 | \$0.1357 | 1 | 1,760 | \$231.87 | \$0.1317 | 1 | 1,840 | \$378.71 | \$0.2058 | 1 | 5,400 | | |
| Total Commercial (3 Ph) w/Demand | | 246 | 1,773,327 | \$232,423.80 | \$0.1311 | 247 | 1,666,058 | \$220,057.18 | \$0.1321 | 249 | 1,692,931 | \$225,100.84 | \$0.1330 | 249 | 1,835,379 | \$254,271.32 | \$0.1385 | 247 | 2,135,555 | | |
| Large Power (In - w/Dmd & Rdt) | EL1 | 20 | 1,817,901 | \$205,936.91 | \$0.1133 | 20 | 1,963,523 | \$210,241.35 | \$0.1071 | 20 | 2,043,094 | \$218,841.15 | \$0.1071 | 20 | 2,215,512 | \$251,260.17 | \$0.1134 | 20 | 2,304,703 | | |
| Large Power (In - w/Dmd & Rdt, w/SbCr) | EL2 | 3 | 969,637 | \$96,304.33 | \$0.0993 | 3 | 1,045,153 | \$100,795.15 | \$0.0964 | 3 | 1,039,022 | \$101,982.44 | \$0.0982 | 3 | 1,090,293 | \$111,938.86 | \$0.1027 | 3 | 1,044,331 | | |
| Large Power (Out - w/Dmd & Rdt, w/SbCr) | EL2O | 1 | 444,000 | \$47,885.41 | \$0.1079 | 1 | 471,600 | \$50,751.07 | \$0.1076 | 1 | 465,600 | \$50,028.09 | \$0.1074 | 1 | 465,600 | \$52,786.32 | \$0.1134 | 1 | 433,200 | | |
| Large Power (In - w/Dmd & Rdt, w/SbCr) | EL3 | 2 | 96,895 | \$9,570.11 | \$0.0988 | 2 | 90,319 | \$16,168.72 | \$0.1790 | 2 | 56,601 | \$14,415.51 | \$0.2547 | 2 | 80,064 | \$15,683.06 | \$0.1959 | 2 | 80,568 | | |
| Total Large Power | | 26 | 3,328,433 | \$359,696.76 | \$0.1081 | 26 | 3,570,595 | \$377,956.29 | \$0.1059 | 26 | 3,604,317 | \$385,267.19 | \$0.1069 | 26 | 3,851,469 | \$431,668.41 | \$0.1121 | 26 | 3,862,802 | | |
| Industrial (In - w/Dmd & Rdt, w/SbCr) | EI1 | 1 | 992,995 | \$96,681.73 | \$0.0974 | 1 | 1,108,376 | \$103,727.01 | \$0.0936 | 1 | 1,020,923 | \$96,972.73 | \$0.0950 | 1 | 1,100,078 | \$109,317.34 | \$0.0994 | 1 | 1,045,201 | | |
| Industrial (In - w/Dmd & Rdt, No/SbCr) | EI2 | 1 | 736,520 | \$72,152.25 | \$0.0980 | 1 | 786,180 | \$74,992.99 | \$0.0954 | 1 | 834,510 | \$78,206.94 | \$0.0937 | 1 | 875,036 | \$86,537.30 | \$0.0989 | 1 | 874,860 | | |
| Total Industrial | | 2 | 1,729,515 | \$168,833.98 | \$0.0976 | 2 | 1,894,556 | \$178,720.00 | \$0.0943 | 2 | 1,855,433 | \$175,179.67 | \$0.0944 | 2 | 1,975,114 | \$195,854.69 | \$0.0992 | 2 | 1,920,061 | | |
| Interdepartmental (In - No Dmd) | ED1 | 9 | 48,986 | \$6,069.77 | \$0.1239 | 9 | 47,900 | \$5,970.07 | \$0.1246 | 11 | 30,233 | \$4,061.10 | \$0.1343 | 11 | 40,778 | \$5,716.66 | \$0.1402 | 11 | 48,331 | | |
| Interdepartmental (Out - w/Dmd) | ED2O | 2 | 249 | \$57.06 | \$0.2292 | 2 | 383 | \$74.54 | \$0.1946 | 2 | 375 | \$73.51 | \$0.1960 | 2 | 566 | \$102.15 | \$0.1805 | 2 | 670 | | |
| Interdepartmental (In - w/Dmd) | ED2 | 27 | 52,880 | \$7,304.00 | \$0.1381 | 27 | 55,096 | \$7,563.78 | \$0.1373 | 27 | 26,820 | \$3,855.19 | \$0.1437 | 28 | 25,027 | \$3,787.47 | \$0.1513 | 30 | 24,525 | | |
| Interdepartmental (3Ph-In - w/Dmd) | ED3 | 11 | 247,163 | \$31,549.71 | \$0.1276 | 11 | 235,246 | \$29,667.69 | \$0.1261 | 11 | 214,351 | \$28,052.21 | \$0.1309 | 11 | 126,536 | \$17,385.49 | \$0.1374 | 11 | 146,015 | | |
| Interdepartmental (Street Lights) | EDSL | 7 | 63,071 | \$5,855.66 | \$0.0928 | 7 | 63,071 | \$5,867.78 | \$0.0930 | 7 | 63,071 | \$5,846.52 | \$0.0927 | 7 | 63,071 | \$5,867.81 | \$0.0930 | 7 | 63,071 | | |
| Interdepartmental (Traffic Signals) | EDTS | 9 | 1,574 | \$145.53 | \$0.0925 | 9 | 1,683 | \$155.62 | \$0.0925 | 9 | 1,458 | \$134.83 | \$0.0925 | 9 | 1,710 | \$158.12 | \$0.0925 | 8 | 1,455 | | |
| Generators (JV2 Power Cost Only) | GJV2 | 1 | 22,929 | \$567.95 | \$0.0248 | 1 | 23,658 | \$606.35 | \$0.0256 | 1 | 19,731 | \$666.32 | \$0.0338 | 1 | 16,343 | \$476.80 | \$0.0292 | 1 | 13,628 | | |
| Generators (JV5 Power Cost Only) | GJV5 | 1 | 14,121 | \$349.76 | \$0.0248 | 1 | 15,046 | \$399.17 | \$0.0265 | 1 | 12,430 | \$419.76 | \$0.0338 | 1 | 11,874 | \$346.46 | \$0.0292 | 1 | 3,327 | | |
| Total Interdepartmental | | 67 | 450,973 | \$51,899.46 | \$0.1151 | 67 | 442,083 | \$50,305.00 | \$0.1138 | 69 | 368,469 | \$43,109.44 | \$0.1170 | 70 | 285,905 | \$33,841.07 | \$0.1184 | 71 | 301,022 | | |
| SUB-TOTAL CONSUMPTION & DEMAND | | 5,869 | 11,283,158 | \$1,325,250.84 | \$0.1175 | 5,874 | 11,886,976 | \$1,372,980.83 | \$0.1155 | 5,891 | 10,893,182 | \$1,266,553.37 | \$0.1163 | 5,900 | 12,226,025 | \$1,485,569.57 | \$0.1215 | 5,902 | 13,687,350 | | |
| Street Lights (In) | SLO | 13 | 0 | \$13.28 | \$0.0000 | 14 | 3,877 | \$30.60 | \$0.0079 | 14 | 0 | \$13.44 | \$0.0000 | 14 | 0 | \$13.43 | \$0.0000 | 15 | 0 | | |
| Street Lights (Out) | SLOO | 2 | 0 | \$1.92 | \$0.0000 | 2 | 0 | \$1.91 | \$0.0000 | 2 | 0 | \$1.92 | \$0.0000 | 2 | 0 | \$1.91 | \$0.0000 | 2 | 0 | | |
| Total Street Light Only | | 15 | 0 | \$15.20 | \$0.0000 | 16 | 3,877 | \$32.51 | \$0.0084 | 16 | 0 | \$15.36 | \$0.0000 | 16 | 0 | \$15.34 | \$0.0000 | 17 | 0 | | |
| TOTAL CONSUMPTION & DEMAND | | 5,884 | 11,283,158 | \$1,325,266.04 | \$0.1175 | 5,890 | 11,890,853 | \$1,373,013.34 | \$0.1155 | 5,907 | 10,893,182 | \$1,266,568.73 | \$0.1163 | 5,916 | 12,226,025 | \$1,485,584.91 | \$0.1215 | 5,919 | 13,687,350 | | |

| BILLING SUMMARY AND COST | | | | | | | | | | | | |
|--|--------------|-----------------------|-------------------------|---------------|-----------------------|-----------------------|-------------------------|------------------------------------|---------------------------------|-----------------------------------|------------------------------------|--------------------------------------|
| OCTOBER, 2018 | | | | | | | | | | | | |
| 2018 - OCTOBER BILLING WITH AUGUST 2018 | | | | | | | | | | | | |
| Class and/or Schedule | Rate Code | Aug-18 Billed | Cost / KWH For Month | # of Bills | Sep-18 (kWh Usage) | Sep-18 Billed | Cost / KWH For Month | TOTAL KWH USEAGE PRIOR 12 MO | TOTAL BILLING PRIOR 12 MO | Avg.Cost Per kWH For Period | Avg.Num. of Bills For Period | Avg.Per. % of Bills For Period |
| Residential (Dom-In) | E1 | \$400,929.74 | \$0.1272 | 3,350 | 3,081,597 | \$381,317.28 | \$0.1237 | 27,242,817 | \$3,367,468.95 | \$0.1236 | 3,338 | 56.5414% |
| Residential (Dom-In) w/Ecosmart | E1E | \$850.61 | \$0.1281 | 8 | 6,146 | \$768.44 | \$0.1250 | 55,835 | \$6,999.07 | \$0.1254 | 8 | 0.1411% |
| Residential (Dom-In - All Electric) | E2 | \$61,772.51 | \$0.1284 | 612 | 480,532 | \$59,991.48 | \$0.1248 | 6,279,468 | \$763,046.58 | \$0.1215 | 605 | 10.2514% |
| Res.(Dom-In - All Elec.) w/Ecosmart | E2E | \$103.78 | \$0.1283 | 1 | 944 | \$116.65 | \$0.1236 | 6,848 | \$858.33 | \$0.1253 | 1 | 0.0169% |
| Total Residential (Domestic) | | \$463,656.64 | \$0.1274 | 3,971 | 3,569,219 | \$442,193.85 | \$0.1239 | 33,584,968 | \$4,138,372.93 | \$0.1232 | 3,953 | 66.9508% |
| Residential (Rural-Out) | ER1 | \$120,261.79 | \$0.1344 | 785 | 891,997 | \$116,624.29 | \$0.1307 | 9,287,215 | \$1,201,567.12 | \$0.1294 | 777 | 13.1674% |
| Residential (Rural-Out) w/Ecosmart | ER1E | \$471.60 | \$0.1372 | 4 | 3,606 | \$479.65 | \$0.1330 | 35,674 | \$4,740.43 | \$0.1329 | 4 | 0.0677% |
| Residential (Rural-Out - All Electric) | ER2 | \$61,942.20 | \$0.1336 | 373 | 461,395 | \$59,978.41 | \$0.1300 | 5,391,974 | \$688,043.62 | \$0.1276 | 375 | 6.3558% |
| Res. (Rural-Out - All Electric) w/Ecosmart | ER2E | \$295.76 | \$0.1347 | 2 | 2,179 | \$285.67 | \$0.1311 | 27,516 | \$3,523.13 | \$0.1280 | 2 | 0.0339% |
| Residential (Rural-Out w/Dmd) | ER3 | \$2,231.69 | \$0.1352 | 16 | 22,592 | \$2,912.12 | \$0.1289 | 505,876 | \$61,467.01 | \$0.1215 | 16 | 0.2710% |
| Residential (Rural-Out - All Electric w/Dmd) | ER4 | \$1,238.53 | \$0.1354 | 9 | 9,780 | \$1,281.92 | \$0.1311 | 144,769 | \$18,201.30 | \$0.1257 | 9 | 0.1524% |
| Total Residential (Rural) | | \$186,441.57 | \$0.1341 | 1,189 | 1,391,549 | \$181,562.06 | \$0.1305 | 15,393,024 | \$1,977,542.61 | \$0.1285 | 1,184 | 20.0483% |
| Commercial (1 Ph-In - No Dmd) | EC2 | \$5,773.50 | \$0.1636 | 73 | 38,745 | \$6,108.85 | \$0.1577 | 431,525 | \$67,653.71 | \$0.1568 | 73 | 1.2421% |
| Commercial (1 Ph-Out - No Dmd) | EC2O | \$1,668.23 | \$0.2120 | 48 | 7,906 | \$1,644.36 | \$0.2080 | 101,688 | \$20,360.16 | \$0.2002 | 48 | 0.8130% |
| Total Commercial (1 Ph) No Dmd | | \$7,441.73 | \$0.1724 | 121 | 46,651 | \$7,753.21 | \$0.1662 | 533,213 | \$88,013.87 | \$0.1651 | 121 | 2.0551% |
| Commercial (1 Ph-In - w/Demand) | EC1 | \$54,469.26 | \$0.1565 | 262 | 398,500 | \$59,217.68 | \$0.1486 | 3,871,921 | \$580,820.82 | \$0.1500 | 261 | 4.4122% |
| Commercial (1 Ph-Out - w/Demand) | EC1O | \$6,646.59 | \$0.1427 | 25 | 52,396 | \$7,170.55 | \$0.1369 | 562,050 | \$76,457.76 | \$0.1360 | 25 | 0.4248% |
| Total Commercial (1 Ph) w/Demand | | \$61,115.85 | \$0.1549 | 287 | 450,896 | \$66,388.23 | \$0.1472 | 4,433,971 | \$657,278.58 | \$0.1482 | 286 | 4.8370% |
| Commercial (3 Ph-Out - No Dmd) | EC4O | \$41.55 | \$1.0388 | 2 | 40 | \$41.40 | \$1.0350 | 50,520 | \$7,018.55 | \$0.1389 | 2 | 0.0339% |
| Total Commercial (3 Ph) No Dmd | | \$41.55 | \$1.0388 | 2 | 40 | \$41.40 | \$1.0350 | 50,520 | \$7,018.55 | \$0.1389 | 2 | 0.0339% |
| Commercial (3 Ph-In - w/Demand) | EC3 | \$237,768.88 | \$0.1377 | 205 | 1,852,442 | \$246,545.64 | \$0.1331 | 17,683,729 | \$2,336,312.51 | \$0.1321 | 206 | 3.4806% |
| Commercial (3 Ph-Out - w/Demand) | EC3O | \$40,004.85 | \$0.1426 | 37 | 302,193 | \$41,843.55 | \$0.1385 | 3,973,122 | \$526,928.29 | \$0.1326 | 37 | 0.6309% |
| Commercial (3 Ph-Out - w/Dmd.&Sub-St) | EC3SO | \$15,953.58 | \$0.1292 | 3 | 126,380 | \$15,879.16 | \$0.1257 | 1,437,160 | \$176,991.26 | \$0.1232 | 3 | 0.0508% |
| Commercial (3 Ph-In - w/Demand, No Ta) | EC3T | \$795.46 | \$0.1399 | 1 | 8,880 | \$1,126.29 | \$0.1268 | 41,520 | \$5,871.24 | \$0.1414 | 1 | 0.0169% |
| Total Commercial (3 Ph) w/Demand | | \$294,482.79 | \$0.1379 | 246 | 2,289,875 | \$305,394.66 | \$0.1334 | 23,135,531 | \$3,046,103.32 | \$0.1317 | 247 | 4.1793% |
| Large Power (In - w/Dmd & Rct) | EL1 | \$260,458.58 | \$0.1130 | 20 | 2,452,238 | \$263,428.77 | \$0.1074 | 25,328,572 | \$2,741,908.18 | \$0.1083 | 20 | 0.3387% |
| Large Power (In - w/Dmd & Rct, w/SbCr) | EL2 | \$109,898.03 | \$0.1052 | 3 | 1,127,543 | \$111,927.95 | \$0.0993 | 12,441,640 | \$1,225,722.21 | \$0.0985 | 3 | 0.0508% |
| Large Power (Out - w/Dmd & Rct, w/SbCr) | EL2O | \$51,043.08 | \$0.1178 | 1 | 507,600 | \$54,558.29 | \$0.1075 | 5,786,400 | \$611,781.67 | \$0.1057 | 1 | 0.0169% |
| Large Power (In - w/Dmd & Rct, w/SbCr) | EL3 | \$15,820.11 | \$0.1964 | 2 | 80,800 | \$13,357.94 | \$0.1653 | 1,043,640 | \$149,627.32 | \$0.1434 | 2 | 0.0339% |
| Total Large Power | | \$437,219.80 | \$0.1132 | 26 | 4,168,181 | \$443,272.95 | \$0.1063 | 44,600,252 | \$4,729,039.38 | \$0.1060 | 26 | 0.4404% |
| Industrial (In - w/Dmd & Rct, w/SbCr) | EI1 | \$104,990.65 | \$0.1005 | 1 | 1,140,164 | \$108,239.67 | \$0.0949 | 12,636,262 | \$1,192,424.09 | \$0.0944 | 1 | 0.0169% |
| Industrial (In - w/Dmd & Rct, No/SbCr) | EI2 | \$86,734.40 | \$0.0991 | 1 | 916,506 | \$87,069.32 | \$0.0950 | 9,491,206 | \$919,642.85 | \$0.0969 | 1 | 0.0169% |
| Total Industrial | | \$191,725.05 | \$0.0999 | 2 | 2,056,670 | \$195,308.99 | \$0.0950 | 22,127,468 | \$2,112,066.94 | \$0.0954 | 2 | 0.0339% |
| Interdepartmental (In - No Dmd) | ED1 | \$6,660.05 | \$0.1378 | 10 | 48,027 | \$6,417.77 | \$0.1336 | 532,035 | \$68,649.98 | \$0.1290 | 10 | 0.1623% |
| Interdepartmental (Out - w/Dmd) | ED2O | \$117.07 | \$0.1747 | 2 | 588 | \$103.55 | \$0.1761 | 4,550 | \$895.58 | \$0.1968 | 2 | 0.0339% |
| Interdepartmental (In - w/Dmd) | ED2 | \$3,763.69 | \$0.1535 | 29 | 23,590 | \$3,536.12 | \$0.1499 | 512,023 | \$71,614.25 | \$0.1399 | 28 | 0.4757% |
| Interdepartmental (3Ph-In - w/Dmd) | ED3 | \$19,879.21 | \$0.1361 | 10 | 154,527 | \$20,179.18 | \$0.1306 | 2,508,190 | \$317,785.44 | \$0.1267 | 11 | 0.1849% |
| Interdepartmental (Street Lights) | EDSL | \$5,865.70 | \$0.0930 | 7 | 63,071 | \$5,868.82 | \$0.0931 | 756,660 | \$70,339.03 | \$0.0930 | 7 | 0.1186% |
| Interdepartmental (Traffic Signals) | EDTS | \$134.54 | \$0.0925 | 8 | 1,615 | \$149.33 | \$0.0925 | 19,980 | \$1,847.43 | \$0.0925 | 9 | 0.1496% |
| Generators (JV2 Power Cost Only) | GJV2 | \$354.19 | \$0.0260 | 1 | 14,354 | \$311.19 | \$0.0217 | 254,678 | \$6,187.20 | \$0.0243 | 1 | 0.0169% |
| Generators (JV5 Power Cost Only) | GJV5 | \$86.47 | \$0.0260 | 1 | 6,673 | \$144.67 | \$0.0217 | 149,320 | \$3,660.01 | \$0.0245 | 1 | 0.0169% |
| Total Interdepartmental | | \$36,860.92 | \$0.1225 | 68 | 312,445 | \$36,710.63 | \$0.1175 | 4,737,436 | \$540,978.92 | \$0.1142 | 68 | 1.1588% |
| SUB-TOTAL CONSUMPTION & DEMAND | | \$1,678,985.90 | \$0.1227 | 5,912 | 14,285,526 | \$1,678,625.98 | \$0.1175 | 148,596,383 | \$17,296,414.70 | \$0.1164 | 5,889 | 99.7375% |
| | | | | | | | | | | | | |
| Street Lights (In) | SLO | \$13.58 | \$0.0000 | 14 | 0 | \$13.44 | \$0.0000 | 3,877 | \$177.46 | \$0.0458 | 14 | 0.2287% |
| Street Lights (Out) | SLOO | \$1.92 | \$0.0000 | 2 | 0 | \$1.91 | \$0.0000 | 0 | \$22.98 | \$0.0000 | 2 | 0.0339% |
| Total Street Light Only | | \$15.50 | \$0.0000 | 16 | 0 | \$15.35 | \$0.0000 | 3,877 | \$200.44 | \$0.0517 | 16 | 0.2625% |
| TOTAL CONSUMPTION & DEMAND | | \$1,679,001.40 | \$0.1227 | 5,928 | 14,285,526 | \$1,678,641.33 | \$0.1175 | 148,600,260 | \$17,296,615.14 | \$0.1164 | 5,904 | 100.0000% |

**AMERICAN MUNICIPAL POWER, INC.**

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

City of Napoleon

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

INVOICE NUMBER: 204465
INVOICE DATE: 9/13/2018
DUE DATE: 9/28/2018
TOTAL AMOUNT DUE: \$1,136,604.45
CUSTOMER NUMBER: 5020
CUSTOMER P.O. #: RG10046

PLEASE WRITE INVOICE NUMBER ON
REMITTANCE. MAKE CHECK PAYABLE TO AMP

Northern Power Pool Billing - August, 2018

MUNICIPAL PEAK: 31,930 kW
TOTAL METERED ENERGY: 15,674,997 kWh

| | |
|---|--------------|
| Total Power Charges: | \$786,795.09 |
| Transmission / Capacity / Ancillary Services: | \$337,620.16 |
| Total Other Charges: | \$12,189.20 |
| Total Miscellaneous Charges: | \$0.00 |

| | |
|-----------------------------------|-----------------------|
| GRAND TOTAL POWER INVOICE: | \$1,136,604.45 |
|-----------------------------------|-----------------------|

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 August , 2018
Napoleon

| | | | |
|--------------------------------|--------------------------------|-------------------------------------|-------------------|
| FOR THE MONTH OF: | August, 2018 | Total Metered Load kWh: | 15,674,997 |
| | | Transmission Losses kWh: | -40,755 |
| | | Distribution Losses kWh: | 0 |
| | | Total Energy Req. kWh: | 15,634,242 |
| TIME OF FENTS PEAK: | 08/28/2018 @ H.E. 16:00 | COINCIDENT PEAK kW: | 30,119 |
| TIME OF MUNICIPAL PEAK: | 08/27/2018 @ H.E. 18:00 | MUNICIPAL PEAK kW: | 31,930 |
| TRANSMISSION PEAK: | July 19, 2017 18:00 | TRANSMISSION PEAK kW: | 29,687 |
| | | PJM Capacity Requirement kW: | 29,050 |

Napoleon Resources

AMP CT - Sched @ ATSI

| | | | | |
|----------------------|------------|---------|----------------------|---------------------|
| Demand Charge: | \$2.550000 | / kW * | 12,400 kW = | \$31,620.00 |
| Energy Charge: | \$0.090550 | / kWh * | 157,933 kWh = | \$14,300.84 |
| Transmission Credit: | \$3.924655 | / kW * | -12,400 kW = | -\$48,665.72 |
| Capacity Credit: | \$3.850662 | / kW * | -12,400 kW = | -\$47,748.21 |
| Subtotal | | | 157,933 kWh = | -\$50,493.09 |

Fremont - sched @ Fremont

| | | | | |
|------------------------------|------------|---------|------------------------|---------------------|
| Demand Charge: | \$3.831268 | / kW * | 8,767 kW = | \$33,588.73 |
| Energy Charge: | \$0.021192 | / kWh * | 5,029,269 kWh = | \$106,582.79 |
| Net Congestion, Losses, FTR: | \$0.002694 | / kWh * | | \$13,547.52 |
| Capacity Credit: | \$4.758232 | / kW * | -8,767 kW = | -\$41,715.42 |
| Debt Service | \$5.051645 | / kW | 8,767 kW | \$44,287.77 |
| Adjustment for prior month: | | | | \$1.41 |
| Subtotal | | | 5,029,269 kWh = | \$156,292.80 |

AMP Hydro CSW - Sched @ PJMC

| | | | | |
|------------------------------|-------------|---------|------------------------|---------------------|
| Demand Charge: | \$61.020000 | / kW * | 3,498 kW = | \$213,447.96 |
| Energy Charge: | \$0.031750 | / kWh * | 2,301,215 kWh = | \$73,063.58 |
| Net Congestion, Losses, FTR: | \$0.003517 | / kWh * | | \$8,094.24 |
| Capacity Credit: | \$1.179391 | / kW * | -3,498 kW = | -\$4,125.51 |
| REC Credit (Estimate) | -\$0.001750 | / kWh | 2,301,215 kWh | -\$4,027.13 |
| Subtotal | | | 2,301,215 kWh = | \$286,453.14 |

Meldahl Hydro - Sched @ Meldahl Bus

| | | | | |
|------------------------------|-------------|---------|----------------------|--------------------|
| Demand Charge: | \$34.330000 | / kW * | 504 kW = | \$17,302.32 |
| Energy Charge: | \$0.031750 | / kWh * | 298,279 kWh = | \$9,470.36 |
| Net Congestion, Losses, FTR: | \$0.001851 | / kWh * | | \$552.16 |
| Capacity Credit: | \$4.619544 | / kW * | -504 kW = | -\$2,328.25 |
| REC Credit (Estimate) | | | | -\$521.99 |
| Subtotal | | | 298,279 kWh = | \$24,474.60 |

JV6 - Sched @ ATSI

| | | | | |
|----------------------|------------|--------|---------------------|------------------|
| Demand Charge: | | | 300 kW | |
| Energy Charge: | | | 18,959 kWh | |
| Transmission Credit: | \$0.155833 | / kW * | -300 kW = | -\$46.75 |
| Capacity Credit: | \$0.331667 | / kW * | -300 kW = | -\$99.50 |
| Subtotal | | | 18,959 kWh = | -\$146.25 |

Greenup Hydro - Sched @ Greenup Bus

| | | | | |
|----------------------------------|-------------|---------|----------------------|--------------------|
| Demand Charge: | \$6.843424 | / kW * | 330 kW = | \$2,258.33 |
| Energy Charge: | \$0.003474 | / kWh * | 191,163 kWh = | \$664.18 |
| Net Congestion, Losses, FTR: | \$0.002047 | / kWh * | | \$391.39 |
| Capacity Credit: | \$3.846091 | / kW * | -330 kW = | -\$1,269.21 |
| Debt Service | \$19.601758 | / kW | 330 kW | \$6,468.58 |
| Board Approved Rate Levelization | | | | \$5,662.90 |
| REC Credit (Estimate) | | | | -\$334.54 |
| Subtotal | | | 191,163 kWh = | \$13,841.63 |

Prairie State - Sched @ PJMC

| | | | | |
|--|-------------|---------|------------------------|---------------------|
| Demand Charge: | \$11.584168 | / kW * | 4,976 kW = | \$57,642.82 |
| Energy Charge: | \$0.012134 | / kWh * | 3,741,653 kWh = | \$45,399.64 |
| Net Congestion, Losses, FTR: | \$0.003648 | / kWh * | | \$13,650.57 |
| Capacity Credit: | \$4.774041 | / kW * | -4,976 kW = | -\$23,755.63 |
| Debt Service | \$20.213221 | / kW | 4,976 kW | \$100,580.99 |
| Transmission from PSEC to PJM/MISO, including non-Prairie State variable charges/credits | \$0.005898 | / kWh | 3,741,653 kWh | \$22,066.92 |
| Board Approved Rate Levelization | | | | \$1,280.11 |
| Subtotal | | | 3,741,653 kWh = | \$216,865.42 |

NYPA - Sched @ NYIS

| | | | | |
|------------------------------|------------|---------|----------------------|--------------------|
| Demand Charge: | \$6.686819 | / kW * | 940 kW = | \$6,285.61 |
| Energy Charge: | \$0.022646 | / kWh * | 602,936 kWh = | \$13,653.80 |
| Net Congestion, Losses, FTR: | \$0.001073 | / kWh * | | \$647.24 |
| Capacity Credit: | \$5.011754 | / kW * | -935 kW = | -\$4,685.99 |
| Adjustment for prior month: | | | | -\$3,872.02 |
| Subtotal | | | 602,936 kWh = | \$12,028.64 |

JV5 - 7X24 @ ATSI

| | | | | |
|----------------------|------------|--------|------------------------|---------------------|
| Demand Charge: | | | 3,088 kW | |
| Energy Charge: | | | 2,297,472 kWh | |
| Transmission Credit: | \$4.639407 | / kW * | -3,088 kW = | -\$14,326.49 |
| Capacity Credit: | \$5.009764 | / kW * | -3,088 kW = | -\$15,470.15 |
| Subtotal | | | 2,297,472 kWh = | -\$29,796.64 |

JV5 Losses - Sched @ ATSI

| | | | | |
|-----------------|--|--|---------------------|---------------|
| Energy Charge: | | | 33,555 kWh | |
| Subtotal | | | 33,555 kWh = | \$0.00 |

JV2 - Sched @ ATSI

| | | | | |
|----------------|--|--|--------|--|
| Demand Charge: | | | 264 kW | |
|----------------|--|--|--------|--|

DETAIL INFORMATION OF POWER CHARGES August , 2018

Napoleon

| | | | | |
|---|-------------------|----------------|-------------------------|-----------------------|
| Energy Charge: | \$0.053258 | / kWh * | 2,121 kWh = | \$112.97 |
| Transmission Credit: | \$3.377879 | / kW * | -264 kW = | -\$891.76 |
| Capacity Credit: | \$4.264053 | / kW * | -264 kW = | -\$1,125.71 |
| Subtotal | | | 2,121 kWh = | -\$1,904.50 |
| AMP Solar Phase I - Sched @ ATSI | | | | |
| Demand Charge: | | | 1,040 kW | |
| Energy Charge: | \$0.087000 | / kWh * | 143,989 kWh = | \$12,527.06 |
| Subtotal | | | 143,989 kWh = | \$12,527.06 |
| Morgan Stanley 2015-2020 - 7x24 @ AD | | | | |
| Demand Charge: | | | 3,800 kW | |
| Energy Charge: | \$0.062950 | / kWh * | 2,827,200 kWh = | \$177,972.24 |
| Net Congestion, Losses, FTR: | \$0.001651 | / kWh * | | \$4,668.72 |
| Subtotal | | | 2,827,200 kWh = | \$182,640.96 |
| Efficiency Smart Power Plant 2017-2020 | | | | |
| ESPP 2017-2020 obligation @ \$1.400 /MWh x 154,389.7 MWh / 12 | | | | \$18,012.14 |
| Subtotal | | | 0 kWh = | \$18,012.14 |
| Northern Power Pool: | | | | |
| On Peak Energy Charge: (M-F HE 08-23 EDT) | \$0.057431 | / kWh * | 169,583 kWh = | \$9,739.35 |
| Off Peak Energy Charge: | \$0.023818 | / kWh * | 145 kWh = | \$3.45 |
| Sale of Excess Non-Pool Resources to Pool | \$0.029500 | / kWh * | -2,181,231 kWh = | -\$64,345.88 |
| Pool Congestion Hedge | | | | \$602.26 |
| Subtotal | \$0.026846 | / kWh * | -2,011,503 kWh = | -\$54,000.82 |
| Total Demand Charges: | | | | \$307,228.81 |
| Total Energy Charges: | | | | \$479,566.28 |
| Total Power Charges: | | | 15,634,242 kWh | \$786,795.09 |
| TRANSMISSION / CAPACITY / ANCILLARY SERVICES: | | | | |
| Demand Charge: | \$4.639407 | / kW * | 29,687 kW = | \$137,730.08 |
| Energy Charge: | \$0.000314 | / kWh * | 13,336,770 kWh = | \$4,188.73 |
| RPM (Capacity) Charges: | \$6.736800 | / kW * | 29,050 kW = | \$195,701.35 |
| TRANSMISSION / CAPACITY / ANCILLARY SERVICES: | \$0.025315 | / kWh * | 13,336,770 kWh = | \$337,620.16 |
| Dispatch Center Charges: | \$0.000021 | / kWh * | 15,674,997 kWh = | \$323.67 |
| Service Fee Part A, | | | | |
| Based on Annual Municipal Sales | \$0.000229 | / kWh * | 145,364,250 kWh 1/12 = | \$2,774.03 |
| Service Fee Part B, | | | | |
| Energy Purchases | \$0.000580 | /kWh * | 15,674,997 kWh = | \$9,091.50 |
| TOTAL OTHER CHARGES: | | | | \$12,189.20 |
| GRAND TOTAL POWER INVOICE: | | | | \$1,136,604.45 |

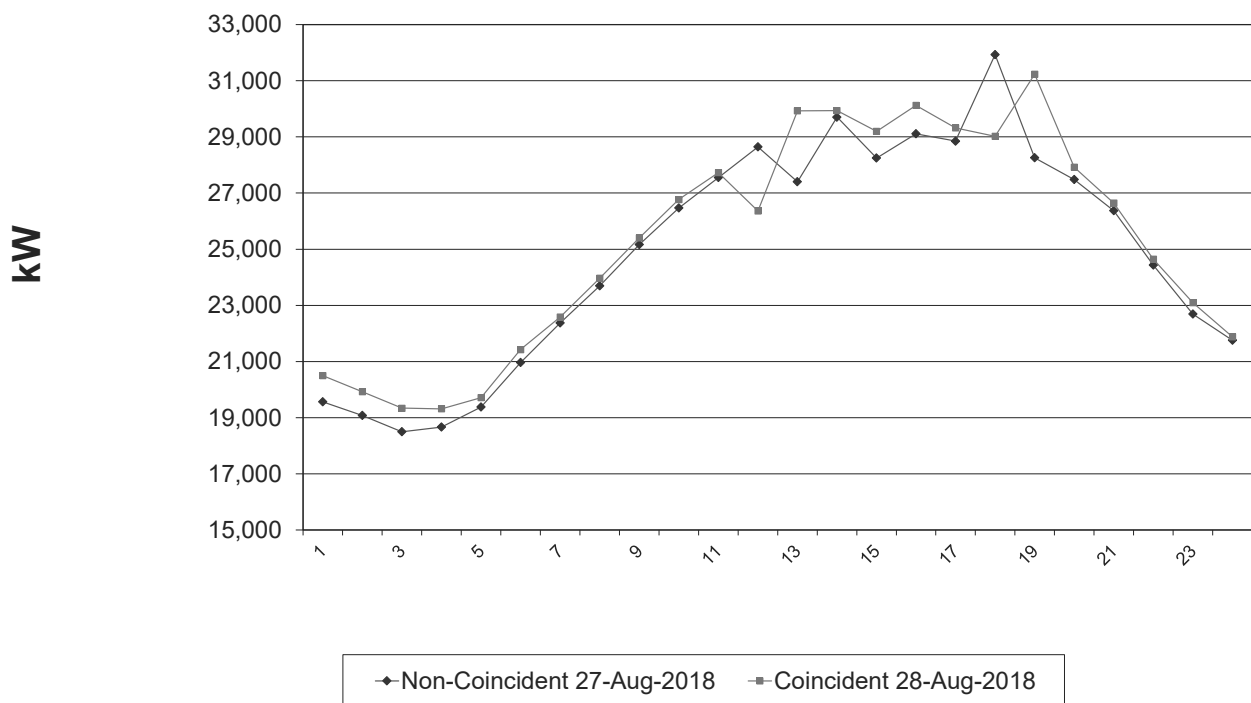
| Napoleon | | Capacity Plan - Actual | | | | | | | | | | | | | | |
|-----------------------|-------------------------------|------------------------|--------|--------|--------|-----------|-----------|-----------------|-------------|--------------|-------------|-----------|----------|--|--|--|
| Aug | 2018 | ACTUAL DEMAND = | | | | 31.93 | MW | ACTUAL ENERGY = | | | | 15,675 | MWH | | | |
| Days | 31 | | | | | | | | | | | | | | | |
| SOURCE | | DEMAND | DEMAND | ENERGY | LOAD | DEMAND | ENERGY | CONGESTION/L | CAPACITY | TRANSMISSION | TOTAL | EFFECTIVE | % | | | |
| (1) | | MW | MW-MO | MWH | FACTOR | RATE | RATE | OSSES | CREDIT RATE | CREDIT RATE | CHARGES | RATE | OF | | | |
| | | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (16) | (17) | DOLLARS | | | |
| 1 | NYPA - Ohio | 0.94 | 0.94 | 603 | 86% | \$6.69 | \$16.22 | \$1.07 | -\$4.99 | | \$12,029 | \$19.95 | 0.9% | | | |
| 2 | JV5 | 3.09 | 3.09 | 2,297 | 100% | \$29.16 | \$20.08 | | -\$5.01 | -\$4.64 | \$106,366 | \$46.30 | 8.4% | | | |
| 3 | JV5 Losses | 0.00 | 0.00 | 34 | 0% | | | | | | \$0 | | 0.0% | | | |
| 4 | JV6 | 0.30 | 0.30 | 19 | 8% | \$5.31 | | | -\$0.16 | -\$0.33 | \$1,448 | \$76.35 | 0.1% | | | |
| 5 | AMP-Hydro | 3.50 | 3.50 | 2,301 | 88% | \$61.02 | \$30.00 | \$3.52 | -\$1.18 | | \$286,453 | \$124.48 | 22.5% | | | |
| 6 | Meldahl | 0.50 | 0.50 | 298 | 80% | \$34.33 | \$30.00 | \$1.85 | -\$4.62 | | \$24,475 | \$82.05 | 1.9% | | | |
| 7 | Greenup | 0.33 | 0.33 | 191 | 78% | \$43.61 | \$1.72 | \$2.05 | -\$3.85 | | \$13,842 | \$72.41 | 1.1% | | | |
| 8 | AFEC | 8.77 | 8.77 | 5,029 | 77% | \$8.88 | \$21.19 | \$2.69 | -\$4.76 | | \$156,293 | \$31.08 | 12.3% | | | |
| 9 | Prairie State | 4.98 | 4.98 | 3,742 | 101% | \$32.05 | \$18.03 | \$3.65 | -\$4.77 | | \$216,865 | \$57.96 | 17.0% | | | |
| 10 | AMP Solar Phase I | 1.04 | 1.04 | 144 | 19% | | \$87.00 | | | | \$12,527 | \$87.00 | 1.0% | | | |
| 11 | Morgan Stanley 2015-2020 7x24 | 3.80 | 3.80 | 2,827 | 100% | | \$62.95 | \$1.65 | | | \$182,641 | \$64.60 | 14.4% | | | |
| 12 | AMPCT | 12.40 | 12.40 | 158 | 2% | \$2.55 | \$90.55 | | -\$3.85 | -\$3.92 | -\$50,493 | -\$319.71 | -4.0% | | | |
| 13 | JV2 | 0.26 | 0.26 | 2 | 1% | \$2.51 | \$53.26 | | -\$4.26 | -\$3.38 | \$1,242 | | -0.1% | | | |
| 14 | NPP Pool Purchases | 0.00 | 0.00 | 170 | 0% | | \$60.95 | | | | \$10,345 | \$60.95 | 0.8% | | | |
| 15 | NPP Pool Sales | 0.00 | | -2,181 | 0% | | \$29.50 | | | | -\$64,346 | \$29.50 | -5.1% | | | |
| | POWER TOTAL | 39.91 | 39.91 | 15,634 | 53% | \$612,718 | \$459,186 | \$2.66 | -\$142,271 | -\$63,983 | \$907,202 | \$58.03 | 71.3% | | | |
| 16 | Energy Efficiency | | | 0 | | | | | | | \$18,012 | | 1.4% | | | |
| 17 | Installed Capacity | 29.05 | 29.05 | | | \$6.74 | | | | | \$195,701 | \$12.48 | 15.4% | | | |
| 18 | Transmission | 29.69 | 29.69 | 13,337 | | \$4.64 | \$0.31 | | | | \$141,919 | \$9.05 | 11.2% | | | |
| 19 | Service Fee B | | | 15,675 | | | \$0.58 | | | | \$9,092 | \$0.58 | 0.7% | | | |
| 20 | Dispatch Charge | | | 15,675 | | | \$0.02 | | | | \$324 | \$0.02 | 0.0% | | | |
| | OTHER TOTAL | | | | | \$333,431 | \$31,616 | | | | \$365,047 | \$23.29 | 28.7% | | | |
| GRAND TOTAL PURCHASED | | | | 15,634 | | | | | | | \$1,272,249 | | | | | |
| Delivered to members | | 31.930 | 31.930 | 15,675 | 66% | | | | | | \$1,272,249 | \$81.16 | 100.0% | | | |
| | | DEMAND | | ENERGY | L.F. | | | | | | TOTAL \$ | \$/MWh | Avg Temp | | | |
| | 2018 Forecast | 30.52 | | 15,582 | 69% | | | | | | \$1,319,957 | \$84.71 | 71.5 | | | |
| | 2017 Actual | 29.47 | | 14,364 | 66% | | | | | | \$1,229,854 | \$85.62 | 68.7 | | | |
| | 2016 Actual | 33.23 | | 16,965 | 69% | | | | | | \$1,207,089 | \$71.15 | 75.4 | | | |
| | | | | | | | | | | | Actual Temp | | 75.1 | | | |

NAPOLEON

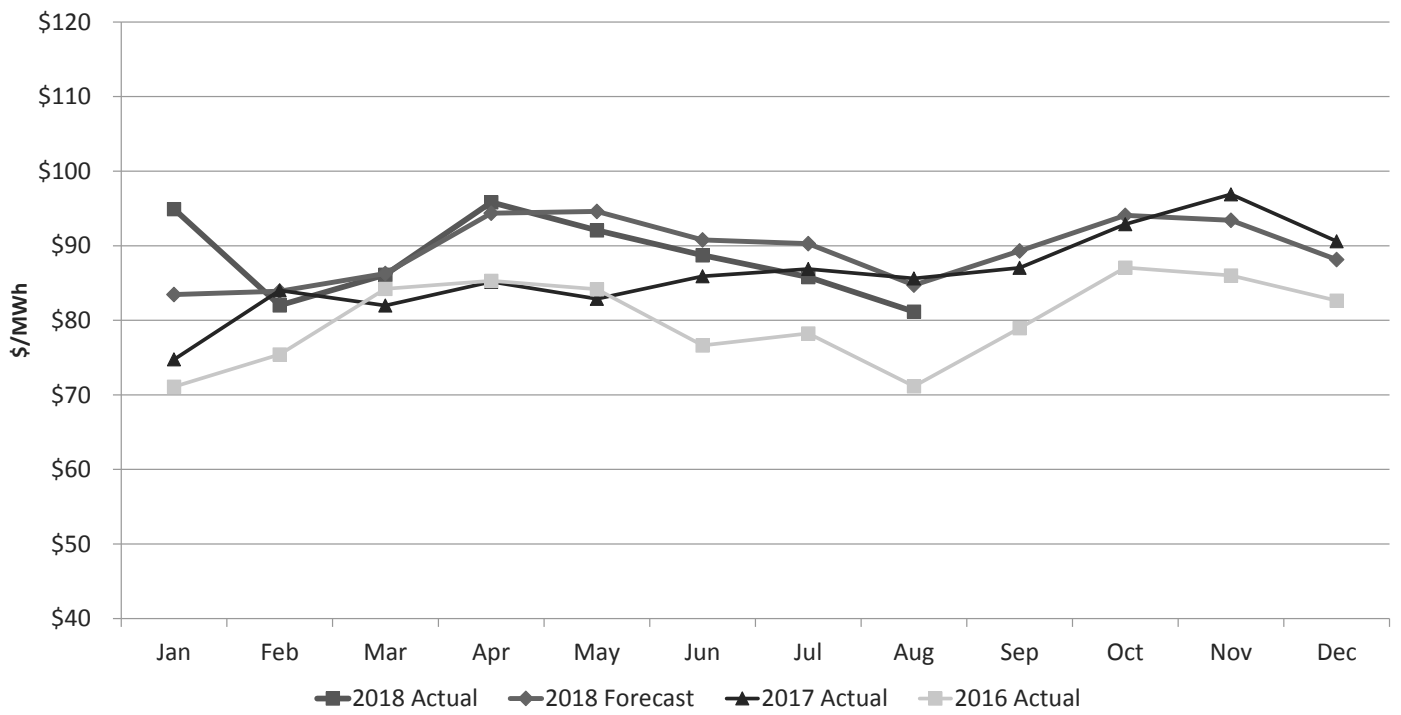
| Date | Wednesday 8/1/2018 | Thursday 8/2/2018 | Friday 8/3/2018 | Saturday 8/4/2018 | Sunday 8/5/2018 | Monday 8/6/2018 | Tuesday 8/7/2018 | Wednesday 8/8/2018 | Thursday 8/9/2018 | Friday 8/10/2018 | Saturday 8/11/2018 | Sunday 8/12/2018 | Monday 8/13/2018 | Tuesday 8/14/2018 | Wednesday 8/15/2018 |
|-------|-----------------------|----------------------|--------------------|----------------------|--------------------|--------------------|---------------------|-----------------------|----------------------|---------------------|-----------------------|---------------------|---------------------|----------------------|------------------------|
| Hour | | | | | | | | | | | | | | | |
| 100 | 16,629 | 15,446 | 17,906 | 15,670 | 16,771 | 19,671 | 18,850 | 18,705 | 17,937 | 18,967 | 16,040 | 14,760 | 17,261 | 18,726 | 19,837 |
| 200 | 16,293 | 15,561 | 17,249 | 15,132 | 15,824 | 19,118 | 18,375 | 18,468 | 17,281 | 18,516 | 15,346 | 14,195 | 16,797 | 18,049 | 19,236 |
| 300 | 15,759 | 15,273 | 16,459 | 14,374 | 15,190 | 18,581 | 17,727 | 17,883 | 16,725 | 17,811 | 14,773 | 13,675 | 16,199 | 17,317 | 18,400 |
| 400 | 15,961 | 15,439 | 16,461 | 14,107 | 14,854 | 18,422 | 17,898 | 18,110 | 16,585 | 17,840 | 14,500 | 13,823 | 16,378 | 17,339 | 18,371 |
| 500 | 16,696 | 16,257 | 17,382 | 14,317 | 14,804 | 19,225 | 18,574 | 18,839 | 17,106 | 18,379 | 14,723 | 13,814 | 17,066 | 17,803 | 18,884 |
| 600 | 17,811 | 17,077 | 18,467 | 14,466 | 14,777 | 20,354 | 19,977 | 19,948 | 17,901 | 19,620 | 15,040 | 14,236 | 18,217 | 18,746 | 19,874 |
| 700 | 19,119 | 18,362 | 19,621 | 15,360 | 15,304 | 21,507 | 21,152 | 21,459 | 19,192 | 20,728 | 15,569 | 14,540 | 19,330 | 19,951 | 21,038 |
| 800 | 20,061 | 19,414 | 21,130 | 16,599 | 17,112 | 23,275 | 22,233 | 22,648 | 20,603 | 21,826 | 17,282 | 15,799 | 21,086 | 21,682 | 22,453 |
| 900 | 20,832 | 20,219 | 22,112 | 17,792 | 18,644 | 24,966 | 23,161 | 23,826 | 21,918 | 23,041 | 18,582 | 16,885 | 22,457 | 23,293 | 23,585 |
| 1000 | 21,336 | 21,300 | 23,422 | 18,798 | 20,327 | 26,236 | 24,085 | 24,274 | 23,474 | 24,432 | 19,798 | 18,184 | 23,805 | 24,666 | 25,359 |
| 1100 | 21,998 | 22,186 | 24,371 | 20,040 | 22,022 | 27,514 | 25,167 | 25,016 | 24,269 | 25,153 | 20,519 | 19,472 | 24,909 | 25,697 | 26,374 |
| 1200 | 22,271 | 23,038 | 25,459 | 20,856 | 23,072 | 28,660 | 25,499 | 26,056 | 25,426 | 25,492 | 20,941 | 20,210 | 26,047 | 26,881 | 27,422 |
| 1300 | 23,092 | 24,118 | 25,725 | 22,617 | 23,603 | 27,588 | 26,097 | 26,723 | 26,672 | 26,957 | 22,057 | 21,412 | 27,165 | 27,664 | 28,976 |
| 1400 | 23,399 | 24,541 | 26,777 | 22,572 | 24,024 | 29,720 | 26,170 | 26,637 | 27,045 | 26,358 | 22,296 | 21,930 | 27,264 | 28,260 | 29,361 |
| 1500 | 23,694 | 24,840 | 26,443 | 23,853 | 24,689 | 29,481 | 26,040 | 24,327 | 27,310 | 25,205 | 22,675 | 22,306 | 27,481 | 28,389 | 29,293 |
| 1600 | 23,579 | 24,955 | 26,225 | 23,930 | 25,181 | 28,802 | 25,832 | 24,584 | 27,192 | 24,945 | 22,886 | 22,306 | 27,854 | 28,335 | 28,957 |
| 1700 | 23,030 | 24,835 | 25,420 | 23,909 | 25,225 | 30,632 | 25,892 | 24,251 | 27,260 | 24,278 | 22,906 | 22,861 | 26,705 | 27,878 | 28,011 |
| 1800 | 22,695 | 24,755 | 24,996 | 23,635 | 25,079 | 27,717 | 25,327 | 23,967 | 26,592 | 23,665 | 22,306 | 21,700 | 26,554 | 27,500 | 26,937 |
| 1900 | 21,236 | 24,119 | 24,238 | 23,049 | 24,977 | 26,362 | 23,988 | 23,607 | 25,700 | 22,812 | 21,220 | 21,220 | 25,856 | 26,347 | 25,637 |
| 2000 | 20,390 | 23,352 | 22,986 | 22,358 | 24,442 | 25,459 | 23,607 | 22,884 | 25,581 | 22,140 | 20,151 | 21,303 | 25,264 | 26,073 | 25,266 |
| 2100 | 20,383 | 22,967 | 22,350 | 22,058 | 24,206 | 24,635 | 23,164 | 22,706 | 24,699 | 21,984 | 19,947 | 21,158 | 24,529 | 25,562 | 24,785 |
| 2200 | 19,123 | 21,597 | 20,951 | 20,826 | 22,670 | 22,626 | 21,634 | 21,367 | 22,893 | 20,889 | 18,534 | 20,276 | 22,899 | 23,877 | 22,708 |
| 2300 | 17,862 | 20,232 | 18,759 | 19,342 | 21,452 | 20,798 | 20,417 | 19,939 | 21,196 | 18,946 | 16,954 | 19,155 | 21,300 | 22,636 | 21,372 |
| 2400 | 16,470 | 19,035 | 16,717 | 17,981 | 20,496 | 19,833 | 19,460 | 19,098 | 19,980 | 17,190 | 15,719 | 18,020 | 19,911 | 21,089 | 20,332 |
| Total | 479,719 | 498,918 | 521,626 | 463,641 | 494,745 | 581,182 | 540,326 | 538,322 | 540,537 | 527,174 | 450,764 | 444,321 | 541,334 | 563,760 | 572,468 |

| Date | Thursday 8/16/2018 | Friday 8/17/2018 | Saturday 8/18/2018 | Sunday 8/19/2018 | Monday 8/20/2018 | Tuesday 8/21/2018 | Wednesday 8/22/2018 | Thursday 8/23/2018 | Friday 8/24/2018 | Saturday 8/25/2018 | Sunday 8/26/2018 | Monday 8/27/2018 | Tuesday 8/28/2018 | Wednesday 8/29/2018 | Thursday 8/30/2018 | Friday 8/31/2018 |
|-------|-----------------------|---------------------|-----------------------|---------------------|---------------------|----------------------|------------------------|-----------------------|---------------------|-----------------------|---------------------|---------------------|----------------------|------------------------|-----------------------|---------------------|
| 100 | 19,289 | 18,679 | 15,736 | 15,346 | 16,625 | 17,664 | 17,429 | 15,887 | 16,228 | 14,512 | 14,530 | 19,560 | 20,500 | 20,584 | 17,662 | 16,276 |
| 200 | 18,785 | 18,188 | 15,233 | 14,717 | 15,999 | 17,353 | 16,906 | 15,634 | 15,972 | 13,945 | 13,960 | 19,078 | 19,925 | 19,799 | 17,076 | 15,983 |
| 300 | 18,165 | 17,537 | 14,768 | 14,239 | 15,735 | 16,933 | 16,171 | 15,271 | 15,443 | 13,609 | 13,782 | 18,497 | 19,338 | 19,446 | 16,451 | 15,623 |
| 400 | 18,238 | 17,570 | 14,534 | 14,026 | 15,899 | 17,226 | 16,421 | 15,475 | 15,529 | 13,668 | 13,804 | 18,667 | 19,312 | 19,328 | 16,645 | 15,626 |
| 500 | 18,719 | 18,253 | 14,838 | 13,857 | 16,679 | 17,855 | 16,853 | 16,179 | 16,181 | 14,009 | 13,957 | 19,374 | 19,708 | 19,900 | 17,151 | 16,208 |
| 600 | 19,825 | 19,635 | 15,111 | 13,696 | 17,767 | 19,171 | 17,939 | 17,473 | 17,353 | 14,445 | 14,345 | 20,960 | 21,425 | 21,244 | 18,118 | 17,623 |
| 700 | 20,638 | 21,012 | 15,600 | 14,044 | 18,986 | 20,443 | 18,768 | 18,362 | 18,764 | 14,928 | 14,800 | 22,371 | 22,579 | 22,679 | 18,994 | 18,773 |
| 800 | 21,764 | 22,441 | 16,788 | 15,287 | 20,345 | 21,295 | 19,886 | 19,594 | 19,861 | 15,930 | 15,750 | 23,696 | 23,965 | 23,948 | 20,031 | 19,679 |
| 900 | 22,494 | 23,170 | 17,994 | 16,351 | 21,422 | 21,543 | 20,175 | 20,334 | 20,517 | 16,907 | 16,924 | 25,166 | 25,404 | 25,202 | 20,657 | 20,495 |
| 1000 | 23,046 | 24,044 | 19,282 | 17,451 | 21,934 | 22,333 | 20,866 | 20,877 | 20,609 | 17,619 | 17,626 | 26,470 | 26,771 | 26,584 | 21,385 | 21,221 |
| 1100 | 23,230 | 24,718 | 20,193 | 18,426 | 23,073 | 23,301 | 21,329 | 21,396 | 21,226 | 17,727 | 18,525 | 27,554 | 27,728 | 27,258 | 21,595 | 22,053 |
| 1200 | 23,312 | 25,459 | 20,964 | 19,425 | 23,641 | 24,112 | 21,487 | 21,733 | 21,736 | 17,701 | 19,350 | 28,643 | 26,364 | 28,073 | 22,339 | 22,989 |
| 1300 | 23,668 | 26,289 | 21,781 | 20,078 | 24,276 | 24,840 | 21,965 | 22,289 | 21,821 | 18,094 | 19,713 | 27,398 | 29,929 | 25,397 | 22,890 | 23,916 |
| 1400 | 23,598 | 26,196 | 22,043 | 20,592 | 24,129 | 25,269 | 21,848 | 22,308 | 21,995 | 17,795 | 20,768 | 29,703 | 29,935 | 26,616 | 23,266 | 24,522 |
| 1500 | 23,050 | 26,461 | 22,516 | 21,172 | 24,050 | 25,359 | 21,564 | 22,229 | 21,470 | 19,124 | 21,621 | 28,243 | 29,193 | 27,088 | 22,595 | 24,676 |
| 1600 | 22,954 | 26,077 | 22,474 | 21,467 | 23,303 | 25,474 | 21,187 | 22,484 | 20,866 | 18,403 | 22,575 | 29,109 | 30,119 | 30,653 | 23,730 | 24,859 |
| 1700 | 23,268 | 24,794 | 22,601 | 21,831 | 23,100 | 24,797 | 20,496 | 22,022 | 20,613 | 18,580 | 23,921 | 28,849 | 29,317 | 26,779 | 22,520 | 24,619 |
| 1800 | 23,020 | 23,940 | 22,180 | 21,493 | 23,032 | 24,320 | 20,619 | 22,023 | 19,563 | 18,334 | 23,866 | 31,930 | 29,020 | 25,947 | 22,591 | 24,078 |
| 1900 | 22,714 | 22,475 | 21,463 | 20,934 | 22,509 | 23,389 | 20,377 | 21,325 | 19,135 | 18,136 | 23,744 | 28,253 | 31,233 | 24,755 | 21,897 | 23,941 |
| 2000 | 22,497 | 21,887 | 20,985 | 20,582 | 22,201 | 22,812 | 20,023 | 21,276 | 19,213 | 18,587 | 23,640 | 27,482 | 27,916 | 24,221 | 21,764 | 22,581 |
| 2100 | 22,578 | 21,446 | 20,638 | 20,344 | 21,579 | 22,204 | 19,474 | 20,769 | 19,130 | 18,361 | 23,319 | 26,374 | 26,639 | 22,696 | 20,884 | 21,723 |
| 2200 | 21,723 | 19,983 | 19,144 | 19,076 | 20,284 | 20,486 | 18,401 | 19,182 | 18,195 | 17,389 | 21,907 | 24,430 | 24,642 | 21,216 | 19,168 | 20,066 |
| 2300 | 20,566 | 17,902 | 17,491 | 18,398 | 19,073 | 19,266 | 17,426 | 17,624 | 16,613 | 16,224 | 21,244 | 22,692 | 23,096 | 19,722 | 17,936 | 17,509 |
| 2400 | 19,632 | 16,601 | 16,265 | 17,515 | 18,359 | 18,457 | 16,522 | 17,026 | 15,189 | 15,232 | 20,314 | 21,755 | 21,875 | 18,754 | 16,890 | 15,719 |
| Total | 516,773 | 508,156 | 450,622 | 430,347 | 494,000 | 515,902 | 464,132 | 468,772 | 453,222 | 399,259 | 454,005 | 596,254 | 605,933 | 568,089 | 484,235 | 489,858 |
| | | | | | | | | | | Maximum | | 31,930 | Minimum | 13,609 | Grand Total | 15,674,997 |

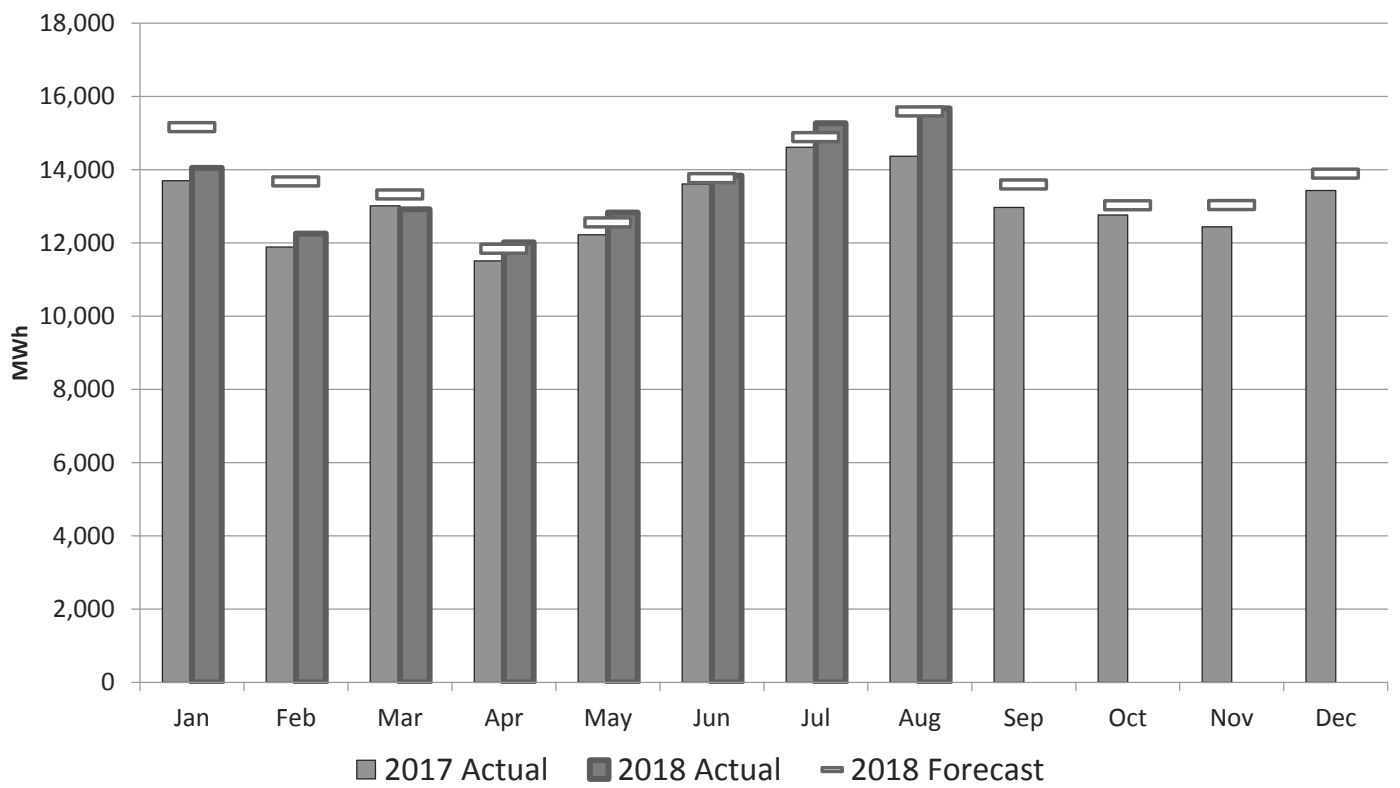
Napoleon Peak Day Load Curve



Napoleon 2018 Monthly Rates



Napoleon 2018 Monthly Energy Usage



**Omega Joint Venture Two**

1111 Schrock Rd, Suite 100

COLUMBUS, OHIO 43229

PHONE: (614) 540-1111

FAX: (614) 540-1078

City of Napoleon

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

INVOICE NUMBER: 204297**INVOICE DATE:** 9/7/2018**DUE DATE:** 9/17/2018**TOTAL AMOUNT DUE:** \$662.04**CUSTOMER NUMBER:** 5020**CUSTOMER P.O. #:**

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

OMEGA JV2 POWER INVOICE -**August, 2018**

| | | | |
|---|----------|--------------------|----------|
| FIXED RATE CHARGE: | 264 kW * | \$2.41 / kW = | \$636.24 |
| ENERGY CHARGE: | 0 kWh * | \$0.000000 / kWh = | \$0.00 |
| SERVICE FEES: | 0 kWh * | \$0.000000 / kWh = | \$0.00 |
| Fuel Costs that were not recovered through Energy Sales to Market | | = | \$25.80 |

TOTAL CHARGES

\$662.04

* To avoid a delayed payment charge, payment must be made to provide



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

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

INVOICE NUMBER: 204361
INVOICE DATE: 9/4/2018
DUE DATE: 9/14/2018
TOTAL AMOUNT DUE: \$80,795.03
CUSTOMER NUMBER: 5020
CUSTOMER P.O. NUMBER: BL980397
MAKE CHECKS PAYABLE TO: OMEGA JV5

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

FOR THE MONTH/YEAR OF: August, 2018

DEMAND CHARGES:

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

| | | | | |
|---------------------------------------|--------------------|---------------|-------------------|--------------------|
| Base Operating Expense Demand Charge: | \$11.226671 | / kW * | 3,088 kW = | \$34,667.97 |
| Seca Associated with JV5. | \$0.000000 | / kW * | 3,088 kW = | \$0.00 |
| TOTAL DEMAND CHARGES: | \$11.226674 | / kW * | 3,088 kW = | \$34,667.97 |

ENERGY CHARGES:

| | | | | |
|--|-------------------|----------------|------------------------|--------------------|
| JV5 Repl. Pwr. & Variable (Budgeted Rate): | \$0.020077 | / kWh * | 2,297,472 kWh = | \$46,127.06 |
| JV5 Fuel Cost (Actual Expense): | \$0.000000 | / kWh * | 2,297,472 kWh = | \$0.00 |
| TOTAL ENERGY CHARGES: | \$0.020077 | / kWh * | 2,297,472 kWh = | \$46,127.06 |

| | |
|------------------|--------------------|
| SUB-TOTAL | \$80,795.03 |
|------------------|--------------------|

| | |
|---------------------------------|--------------------|
| Total OMEGA JV5 Invoice: | \$80,795.03 |
|---------------------------------|--------------------|

OMEGA JV5
OHIO MUNICIPAL ELECTRIC
GENERATING ASSOCIATION
1111 Schrock Rd, Suite 100
Columbus, Ohio 43229
Phone: (614) 540-1111
Fax: (614) 540-1078

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

INVOICE NUMBER: 204403
INVOICE DATE: 9/4/2018
DUE DATE: 9/14/2018
TOTAL AMOUNT DUE: \$55,367.84
CUSTOMER NUMBER: 5020
CUSTOMER P.O. NUMBER: BL980397
MAKE CHECKS PAYABLE TO: OMEGA JV5

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

Debt Service - OMEGA JV5

FOR THE MONTH/YEAR OF: **September, 2018**

| | | | | |
|--------------------|-------------|--------|------------|-------------|
| Financing CHARGES: | | | | |
| Debt Service | \$17.930000 | / kW * | 3,088 kW = | \$55,367.84 |

| | |
|---|--------------------|
| Total OMEGA JV5 Financing Invoice: | \$55,367.84 |
|---|--------------------|

**AMERICAN MUNICIPAL POWER, INC.**

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

INVOICE NUMBER: 204421
INVOICE DATE: 9/4/2018
DUE DATE: 9/14/2018
TOTAL AMOUNT DUE: \$1,593.83
CUSTOMER NUMBER: 5020
CUSTOMER P.O. #:

City of Napoleon

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

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

Omega JV6

Project Capacity: 300 kW

Year 2017**Electric Fixed**

300 kW * 5.313 per kW-Month

Total

September, 2018 - Electric Fixed \$1,593.83
AMOUNT DUE FOR :

TOTAL CHARGES \$1,593.83

RATE REVIEW COMPARISONS - Current to Prior Month and Prior Year

| 2018 OCTOBER BILLING - ELECTRIC PSCAF - BILLING COMPARISONS TO PRIOR PERIODS | | | | | | | | | | |
|--|--|---------|------------------|-----------------------|-----------------------|-------|--|------------------|-----------------------|-----------------------|
| Rate Comparisons to Prior Month and Prior Year for Same Period | | | | | | | | | | |
| | Service | Service | Current | Prior Month | Prior Year | | | Current | Prior Month | Prior Year |
| | Usage | Units | October | September | October | | | October | September | October |
| Customer Type | | | 2018 Rate | 2018 Rate | 2017 Rate | | | 2018 Rate | 2018 Rate | 2017 Rate |
| <i>Customer Type -></i> | RESIDENTIAL USER - (w/Gas Heat) | | | | | | RESIDENTIAL USER - (All Electric) | | | |
| Customer Charge | | | \$6.00 | \$6.00 | \$6.00 | | | \$6.00 | \$6.00 | \$6.00 |
| Distribution Energy Charge | | | \$20.93 | \$20.93 | \$20.93 | | | \$33.39 | \$33.39 | \$33.39 |
| Distribution Demand Charge | | | | | | | | | | |
| Power Supply Energy Charge | 978 | kWh | \$71.20 | \$71.20 | \$71.20 | 1,976 | kWh | \$143.85 | \$143.85 | \$143.85 |
| Power Supply Demand Charge | | | | | | | | | | |
| PSCAF - Monthly Factor | 978 | kWh | \$14.19 | \$17.97 | \$10.29 | 1,976 | kWh | \$28.67 | \$36.30 | \$20.79 |
| kWh Tax- Level 1 | 978 | kWh | \$4.55 | \$4.55 | \$4.55 | 1,976 | kWh | \$9.19 | \$9.19 | \$9.19 |
| kWh Tax- Level 2 | | | | | | | | | | |
| kWh Tax- Level 3 | | | | | | | | | | |
| Total Electric | | | \$116.87 | \$120.65 | \$112.97 | | | \$221.10 | \$228.73 | \$213.22 |
| Water | 6 | CCF | \$50.55 | \$50.55 | \$46.23 | 11 | CCF | \$83.14 | \$83.14 | \$75.25 |
| Sewer (w/Stm.Sew. & Lat.) | 6 | CCF | \$70.89 | \$70.89 | \$70.89 | 11 | CCF | \$98.89 | \$98.89 | \$98.89 |
| Storm Water (Rate/ERU) | | | \$9.50 | \$9.50 | \$9.50 | | | \$9.50 | \$9.50 | \$9.50 |
| Refuse (Rate/Service) | | | \$18.00 | \$18.00 | \$18.00 | | | \$18.00 | \$18.00 | \$18.00 |
| Sub-Other Services | | | \$148.94 | \$148.94 | \$144.62 | | | \$209.53 | \$209.53 | \$201.64 |
| Total Billing - All Services | | | \$265.81 | \$269.59 | \$257.59 | | | \$430.63 | \$438.26 | \$414.86 |
| Verification Totals-> | | | \$265.81 | \$269.59 | \$257.59 | | | \$430.63 | \$438.26 | \$414.86 |
| | | | | <i>Cr.Mo to Pr.Mo</i> | <i>Cr.Yr to Pr.Yr</i> | | | | <i>Cr.Mo to Pr.Mo</i> | <i>Cr.Yr to Pr.Yr</i> |
| Dollar Chg.to Prior Periods | | | | -\$3.78 | \$8.22 | | | | -\$7.63 | \$15.77 |
| % Inc/Dec(-) to Prior Periods | | | | -1.40% | 3.19% | | | | -1.74% | 3.80% |
| ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Cost/kWh - Electric | 978 | kWh | \$0.11950 | \$0.12336 | \$0.11551 | 1,976 | kWh | \$0.11189 | \$0.11575 | \$0.10790 |
| % Inc/Dec(-) to Prior Periods | | | | -3.13% | 3.45% | | | | -3.33% | 3.70% |
| Cost/CCF - Water | 6 | CCF | \$8.42500 | \$8.42500 | \$7.70500 | 11 | CCF | \$7.55818 | \$7.55818 | \$6.84091 |
| Cost/GALLONS - Water | 4,488 | GAL | \$0.01126 | \$0.01126 | \$0.01030 | 8,229 | GAL | \$0.01010 | \$0.01010 | \$0.00914 |
| % Inc/Dec(-) to Prior Periods | | | | 0.00% | 9.34% | | | | 0.00% | 10.49% |
| Cost/CCF - Sewer | 6 | CCF | \$11.81500 | \$11.81500 | \$11.81500 | 11 | CCF | \$8.99000 | \$8.99000 | \$8.99000 |
| Cost/GALLON - Sewer | 4,488 | GAL | \$0.01580 | \$0.01580 | \$0.01580 | 8,229 | GAL | \$0.01202 | \$0.01202 | \$0.01202 |
| % Inc/Dec(-) to Prior Periods | | | | 0.00% | 0.00% | | | | 0.00% | 0.00% |
| <i>(Listed Accounts Assume SAME USAGE for kWh and Water (CCF) for All Billing Periods)</i> | | | | | | | | | | |
| <i>(One "1" Unit CCF of Water = "Hundred Cubic Foot" = 748.05 Gallons)</i> | | | | | | | | | | |

RATE REVIEW COMPARISONS - Current to Prior Month and Prior Year

| 2018 OCTOBER BILLING - ELI | | | | | | | | | | |
|---|---|----------------|-------------------|-----------------------|-----------------------|----------------|---|--------------------|-----------------------|-----------------------|
| Rate Comparisons to Prior Month and Prior Year | | | | | | | | | | |
| | | | Current | Prior Month | Prior Year | | | Current | Prior Month | Prior Year |
| | Service | Service | October | September | October | | Service | Service | October | September |
| Customer Type | Usage | Units | 2018 Rate | 2018 Rate | 2017 Rate | | Usage | Units | 2018 Rate | 2018 Rate |
| Customer Type -> | COMMERCIAL USER - (3 Phase w/Demand) | | | | | | INDUSTRIAL USER - (3 Phase w/Demand) | | | |
| Customer Charge | | | \$18.00 | \$18.00 | \$18.00 | | | | \$100.00 | \$100.00 |
| Distribution Energy Charge | 7,040 | kWh | \$38.02 | \$38.02 | \$38.02 | 98,748 | Reactive | \$2,303.85 | \$2,303.85 | \$2,303.85 |
| Distribution Demand Charge | 20.32 | kW/Dmd | \$92.86 | \$92.86 | \$92.86 | 1510.1 | kW/Dmd | \$8,215.30 | \$8,215.30 | \$8,215.30 |
| Power Supply Energy Charge | 7,040 | kWh | \$623.04 | \$623.04 | \$623.04 | 866,108 | kWh | \$39,165.42 | \$39,165.42 | \$39,165.42 |
| Power Supply Demand Charge | | | | | | | | \$15,296.55 | \$15,296.55 | \$15,296.55 |
| PSCAF - Monthly Factor | 7,040 | kWh | \$102.15 | \$129.32 | \$74.06 | | | \$11,938.87 | \$15,114.89 | \$8,655.89 |
| kWH Tax- Level 1 | | | \$9.66 | \$9.66 | \$9.66 | | | \$9.66 | \$9.66 | \$9.66 |
| kWH Tax- Level 2 | | | \$20.80 | \$20.80 | \$20.80 | | | \$56.24 | \$56.24 | \$56.24 |
| kWH Tax- Level 3 | | | | | | | | \$3,087.71 | \$3,087.71 | \$3,087.71 |
| Total Electric | | | \$904.53 | \$931.70 | \$876.44 | | | \$80,173.60 | \$83,349.62 | \$76,890.62 |
| Water | 25 | CCF | \$170.92 | \$170.92 | \$153.37 | 300 | CCF | \$1,936.11 | \$1,936.11 | \$1,736.81 |
| Sewer (w/Stm.Sew. & Lat.) | 25 | CCF | \$178.69 | \$178.69 | \$177.29 | 300 | CCF | \$1,718.69 | \$1,718.69 | \$1,717.29 |
| Storm Water (Rate/ERU) | | | \$9.50 | \$9.50 | \$9.50 | | | \$330.00 | \$330.00 | \$330.00 |
| Refuse (Rate/Service) | | | \$5.00 | \$5.00 | \$5.00 | | | \$5.00 | \$5.00 | \$5.00 |
| Sub-Other Services | | | \$364.11 | \$364.11 | \$345.16 | | | \$3,989.80 | \$3,989.80 | \$3,789.10 |
| Total Billing - All Services | | | \$1,268.64 | \$1,295.81 | \$1,221.60 | | | \$84,163.40 | \$87,339.42 | \$80,679.72 |
| <i>Verification Totals-></i> | | | \$1,268.64 | \$1,295.81 | \$1,221.60 | | | \$84,163.40 | \$87,339.42 | \$80,679.72 |
| | | | | <i>Cr.Mo to Pr.Mo</i> | <i>Cr.Yr to Pr.Yr</i> | | | | <i>Cr.Mo to Pr.Mo</i> | <i>Cr.Yr to Pr.Yr</i> |
| Dollar Chg.to Prior Periods | | | | -\$27.17 | \$47.04 | | | | -\$3,176.02 | \$3,483.68 |
| % Inc/Dec(-) to Prior Periods | | | | -2.10% | 3.85% | | | | -3.64% | 4.32% |
| ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== |
| Cost/kWh - Electric | 7,040 | kWh | \$0.12848 | \$0.13234 | \$0.12449 | 866,108 | kWh | \$0.09257 | \$0.09623 | \$0.08878 |
| % Inc/Dec(-) to Prior Periods | | | | -2.92% | 3.21% | | | | -3.80% | 4.27% |
| Cost/CCF - Water | 25 | CCF | \$6.83680 | \$6.83680 | \$6.13480 | 300 | CCF | \$6.45370 | \$6.45370 | \$5.78937 |
| Cost/GALLONS - Water | 18,701 | GAL | \$0.00914 | \$0.00914 | \$0.00820 | 224,415 | GAL | \$0.00863 | \$0.00863 | \$0.00774 |
| % Inc/Dec(-) to Prior Periods | | | | 0.00% | 11.44% | | | | 0.00% | 11.47% |
| Cost/CCF - Sewer | 25 | CCF | \$7.14760 | \$7.14760 | \$7.09160 | 300 | CCF | \$5.72897 | \$5.72897 | \$5.72430 |
| Cost/GALLON - Sewer | 18,701 | GAL | \$0.00956 | \$0.00956 | \$0.00948 | 224,415 | GAL | \$0.00766 | \$0.00766 | \$0.00765 |
| % Inc/Dec(-) to Prior Periods | | | | 0.00% | 0.79% | | | | 0.00% | 0.08% |
| <i>(Listed Accounts Assume SAME USA)</i> | | | | | | | | | | |
| <i>(One "1" Unit CCF of Water = "Hundre</i> | | | | | | | | | | |

BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - OCTOBER, 2018

OCTOBER, 2018

2018 - OCTOBER BILLING WITH AUGUST 2018 AMP BILLING PERIOD AND SEPTEMBER 2018 CITY CONSUMPTION AND BILLING DATA

| Class and/or Schedule | Rate Code | Sep-18 | | Billed kVA of Demand | Cost / KWH | | Oct-17 | Cost / KWH | | Nov-17 | Cost / KWH | |
|--|--------------|---------------|-------------------|-------------------------|---------------|------------------------|---------------|-------------------|-----------------------|-----------------|---------------|-------------------|
| | | # of Bills | kWh Usage | | For Month | Prior 12 Mo Average | # of Bills | kWh Usage | Billed | For Month | # of Bills | kWh Usage |
| Residential (Dom-In) | E1 | 3,350 | 3,081,597 | \$381,317.28 | 0 | \$0.1237 | 3,332 | 2,223,727 | \$263,326.85 | \$0.1184 | 3,342 | 2,183,770 |
| Residential (Dom-In) w/Ecosmart | E1E | 8 | 6,146 | \$768.44 | 0 | \$0.1250 | 9 | 5,030 | \$604.13 | \$0.1201 | 9 | 5,189 |
| Residential (Dom-In - All Electric) | E2 | 612 | 480,532 | \$59,991.48 | 0 | \$0.1248 | 601 | 358,272 | \$42,791.55 | \$0.1194 | 607 | 359,718 |
| Res (Dom-In - All Elec.) w/Ecosmart | E2E | 1 | 944 | \$116.65 | 0 | \$0.1236 | 1 | 601 | \$71.72 | \$0.1193 | 1 | 498 |
| Total Residential (Domestic) | | 3,971 | 3,569,219 | \$442,193.85 | 0 | \$0.1239 | 3,943 | 2,587,635 | \$306,794.25 | \$0.1186 | 3,959 | 2,549,175 |
| Residential (Rural-Out) | ER1 | 785 | 891,992 | \$116,624.29 | 0 | \$0.1307 | 772 | 664,288 | \$83,537.14 | \$0.1258 | 782 | 671,146 |
| Residential (Rural-Out) w/Ecosmart | ER1E | 4 | 3,606 | \$479.65 | 0 | \$0.1330 | 4 | 2,206 | \$291.63 | \$0.1322 | 4 | 2,317 |
| Residential (Rural-Out - All Electric) | ER2 | 373 | 461,395 | \$59,978.41 | 0 | \$0.1300 | 376 | 361,254 | \$44,970.86 | \$0.1245 | 375 | 366,797 |
| Res (Rural-Out - All Electric) w/Ecosmart | ER2E | 2 | 2,179 | \$285.67 | 0 | \$0.1311 | 2 | 1,534 | \$194.96 | \$0.1271 | 2 | 1,212 |
| Residential (Rural-Out w/Dmd) | ER3 | 16 | 22,552 | \$2,912.12 | 259 | \$0.1289 | 16 | 12,662 | \$1,603.74 | \$0.1267 | 16 | 15,601 |
| Residential (Rural-Out - All Electric w/Dmd) | ER4 | 9 | 9,780 | \$1,281.92 | 73 | \$0.1311 | 9 | 7,172 | \$907.99 | \$0.1266 | 9 | 7,142 |
| Total Residential (Rural) | | 1,189 | 1,391,549 | \$181,562.06 | 332 | \$0.1305 | 1,184 | 1,049,116 | \$131,506.32 | \$0.1253 | 1,188 | 1,094,715 |
| Commercial (1 Ph-In - No Dmd) | EC2 | 73 | 38,745 | \$6,108.85 | 13 | \$0.1577 | 76 | 34,747 | \$5,333.29 | \$0.1535 | 76 | 32,527 |
| Commercial (1 Ph-Out - No Dmd) | EC20 | 48 | 7,906 | \$1,644.36 | 0 | \$0.2080 | 48 | 7,344 | \$1,510.81 | \$0.2057 | 48 | 7,470 |
| Total Commercial (1 Ph) No Dmd | | 121 | 46,651 | \$7,753.21 | 13 | \$0.1662 | 124 | 42,091 | \$6,844.10 | \$0.1626 | 124 | 39,997 |
| Commercial (1 Ph-In - w/Demand) | EC1 | 262 | 398,500 | \$59,217.68 | 2081 | \$0.1486 | 259 | 379,198 | \$53,697.15 | \$0.1416 | 260 | 319,807 |
| Commercial (1 Ph-Out - w/Demand) | EC10 | 25 | 52,306 | \$7,170.55 | 165 | \$0.1369 | 25 | 44,552 | \$5,902.21 | \$0.1325 | 25 | 44,645 |
| Total Commercial (1 Ph) w/Demand | | 287 | 450,896 | \$66,388.23 | 2,246 | \$0.1472 | 284 | 423,750 | \$59,599.36 | \$0.1406 | 285 | 364,452 |
| Commercial (3 Ph-Out - No Dmd) | EC40 | 2 | 40 | \$41.40 | 4 | \$1.0350 | 2 | 80 | \$46.17 | \$0.5771 | 2 | 40 |
| Total Commercial (3 Ph) No Dmd | | 2 | 40 | \$41.40 | 4 | \$1.0350 | 2 | 80 | \$46.17 | \$0.5771 | 2 | 40 |
| Commercial (3 Ph-In - w/Demand) | EC3 | 205 | 1,852,442 | \$246,545.64 | 6115 | \$0.1331 | 204 | 1,692,730 | \$214,291.62 | \$0.1266 | 205 | 1,517,308 |
| Commercial (3 Ph-Out - w/Demand) | EC30 | 3 | 302,193 | \$41,843.55 | 1461 | \$0.1385 | 38 | 325,955 | \$41,725.26 | \$0.1280 | 38 | 294,347 |
| Commercial (3 Ph-Out - w/Dmd & Sub-Sub) | EC30S | 3 | 126,360 | \$15,879.18 | 468 | \$0.1257 | 3 | 116,000 | \$13,869.38 | \$0.1196 | 3 | 129,040 |
| Commercial (3 Ph-In - w/Demand, No Tar) | EC3T | 1 | 8,880 | \$1,126.29 | 24 | \$0.1268 | 1 | 5,480 | \$770.10 | \$0.1405 | 1 | 4,360 |
| Total Commercial (3 Ph) w/Demand | | 246 | 2,289,875 | \$305,394.66 | 8,068 | \$0.1334 | 246 | 2,140,167 | \$270,596.36 | \$0.1264 | 247 | 1,945,055 |
| Large Power (In - w/Dmd & Rct) | EL1 | 20 | 2,452,238 | \$263,426.77 | 5252 | \$0.1074 | 20 | 2,337,738 | \$237,863.72 | \$0.1017 | 20 | 2,135,368 |
| Large Power (In - w/Dmd & Rct, w/SbCr) | EL2 | 3 | 1,127,543 | \$111,927.95 | 2060 | \$0.0993 | 3 | 1,123,559 | \$108,039.15 | \$0.0962 | 3 | 1,135,244 |
| Large Power (Out - w/Dmd & Rct, w/SbCr) | EL20 | 1 | 507,600 | \$54,568.29 | 1069 | \$0.1075 | 1 | 537,609 | \$53,098.22 | \$0.0986 | 1 | 590,800 |
| Large Power (In - w/Dmd & Rct, w/SbCr) | EL3 | 2 | 80,800 | \$13,357.94 | 441 | \$0.1653 | 2 | 81,360 | \$16,071.48 | \$0.1975 | 2 | 76,818 |
| Total Large Power | | 26 | 4,168,181 | \$443,272.95 | 8,842 | \$0.1063 | 26 | 4,080,207 | \$414,980.57 | \$0.1017 | 26 | 3,898,230 |
| Industrial (In - w/Dmd & Rct, w/SbCr) | E11 | 1 | 1,140,164 | \$108,239.67 | 1963 | \$0.0949 | 1 | 1,129,616 | \$99,604.19 | \$0.0882 | 1 | 1,112,781 |
| Industrial (In - w/Dmd & Rct, No/SbCr) | E12 | 1 | 916,506 | \$87,009.32 | 1531 | \$0.0950 | 1 | 796,422 | \$72,352.61 | \$0.0908 | 1 | 957,307 |
| Total Industrial | | 2 | 2,056,670 | \$195,308.99 | 3,494 | \$0.0950 | 2 | 1,926,038 | \$171,956.80 | \$0.0893 | 2 | 2,070,088 |
| Interdepartmental (In - No Dmd) | ED1 | 10 | 48,027 | \$6,417.77 | 165 | \$0.1336 | 8 | 30,204 | \$3,954.95 | \$0.1309 | 9 | 30,726 |
| Interdepartmental (Out - w/Dmd) | ED20 | 2 | 588 | \$103.55 | 0 | \$0.1761 | 2 | 288 | \$60.78 | \$0.2110 | 2 | 365 |
| Interdepartmental (In - w/Dmd) | ED2 | 29 | 23,590 | \$3,536.12 | 0 | \$0.1499 | 26 | 20,645 | \$2,940.06 | \$0.1424 | 26 | 22,151 |
| Interdepartmental (3Ph-In - w/Dmd) | ED3 | 10 | 154,527 | \$20,179.18 | 528 | \$0.1306 | 11 | 191,075 | \$22,412.21 | \$0.1173 | 11 | 170,644 |
| Interdepartmental (Street Lights) | EDSL | 7 | 63,071 | \$5,868.82 | 0 | \$0.0931 | 7 | 62,879 | \$5,850.15 | \$0.0930 | 7 | 63,671 |
| Interdepartmental (Traffic Signals) | EDTS | 8 | 1,615 | \$149.33 | 0 | \$0.0925 | 9 | 1,641 | \$151.75 | \$0.0925 | 9 | 1,699 |
| Generators (JV2 Power Cost Only) | GJV2 | 1 | 14,354 | \$311.19 | 22 | \$0.0217 | 1 | 19,650 | \$149.14 | \$0.0076 | 1 | 19,414 |
| Generators (JV5 Power Cost Only) | GJV5 | 1 | 5,873 | \$144.67 | 0 | \$0.0217 | 1 | 12,815 | \$95.75 | \$0.0076 | 1 | 11,906 |
| Total Interdepartmental | | 68 | 312,445 | \$36,710.63 | 715 | \$0.1175 | 65 | 338,997 | \$35,614.79 | \$0.1051 | 66 | 319,976 |
| SUB-TOTAL CONSUMPTION & DEMAND | | 5,912 | 14,285,526 | \$1,678,625.98 | 23,714 | \$0.1175 | 5,876 | 12,588,081 | \$1,397,938.72 | \$0.1111 | 5,899 | 12,241,728 |
| Street Lights (In) | SLO | 14 | 0 | \$13.44 | 0 | \$0.0000 | 13 | 0 | \$13.28 | \$0.0000 | 13 | 0 |
| Street Lights (Out) | SLOO | 2 | 0 | \$1.91 | 0 | \$0.0000 | 2 | 0 | \$1.91 | \$0.0000 | 2 | 0 |
| Total Street Light Only | | 16 | 0 | \$15.35 | 0 | \$0.0000 | 15 | 0 | \$15.19 | \$0.0000 | 15 | 0 |
| TOTAL CONSUMPTION & DEMAND | | 5,928 | 14,285,526 | \$1,678,641.33 | 23,714 | \$0.1175 | 5,891 | 12,588,081 | \$1,397,953.91 | \$0.1111 | 5,914 | 12,241,728 |

BILLING SUMMARY AND COST

OCTOBER, 2018

2018 - OCTOBER BILLING WITH AUGUST 2018 A

| Class and/or Schedule | Rate Code | Dec-17 | | | | Jan-18 | | | | Feb-18 | | | | Mar-18 | | | |
|--|--------------|---------------|-------------------|-----------------------|-----------------|---------------|-------------------|-----------------------|-----------------|---------------|-------------------|-----------------------|-----------------|---------------|-------------------|-----------------------|-----------------|
| | | # of Bills | (kWh Usage) | Billed | For Month | # of Bills | (kWh Usage) | Billed | For Month | # of Bills | (kWh Usage) | Billed | For Month | # of Bills | (kWh Usage) | Billed | For Month |
| Residential (Dom-In) | E1 | 3,343 | 1,829,366 | \$220,986.13 | \$0.1209 | 3,335 | 2,010,836 | \$244,589.76 | \$0.1216 | 3,343 | 2,600,843 | \$315,462.64 | \$0.1213 | 3,335 | 2,361,100 | \$298,911.41 | \$0.1266 |
| Residential (Dom-In) w/Ecosmart | E1E | 9 | 4,265 | \$522.82 | \$0.1226 | 9 | 4,807 | \$590.89 | \$0.1229 | 8 | 4,499 | \$559.08 | \$0.1243 | 8 | 4,092 | \$520.81 | \$0.1301 |
| Residential (Dom-In - All Electric) | E2 | 600 | 411,193 | \$48,736.42 | \$0.1187 | 604 | 564,281 | \$66,628.60 | \$0.1181 | 602 | 864,143 | \$101,722.88 | \$0.1177 | 606 | 786,539 | \$96,518.49 | \$0.1227 |
| Res (Dom-In - All Elec.) w/Ecosmart | E2E | 1 | 543 | \$65.68 | \$0.1210 | 1 | 418 | \$52.69 | \$0.1261 | 1 | 535 | \$66.78 | \$0.1248 | 1 | 523 | \$67.78 | \$0.1296 |
| Total Residential (Domestic) | | 3,953 | 2,244,367 | \$270,373.05 | \$0.1205 | 3,949 | 2,580,342 | \$311,861.94 | \$0.1209 | 3,954 | 3,470,020 | \$417,811.38 | \$0.1204 | 3,950 | 3,152,164 | \$396,018.49 | \$0.1256 |
| Residential (Rural-Out) | ER1 | 780 | 685,224 | \$86,337.74 | \$0.1260 | 773 | 785,076 | \$96,763.07 | \$0.1265 | 771 | 986,496 | \$124,341.31 | \$0.1260 | 771 | 908,972 | \$119,325.99 | \$0.1313 |
| Residential (Rural-Out) w/Ecosmart | ER1E | 4 | 2,675 | \$346.56 | \$0.1296 | 4 | 3,295 | \$423.51 | \$0.1285 | 4 | 4,035 | \$517.35 | \$0.1282 | 4 | 3,609 | \$483.33 | \$0.1309 |
| Residential (Rural-Out - All Electric) | ER2 | 375 | 403,035 | \$49,945.45 | \$0.1239 | 376 | 472,990 | \$58,795.22 | \$0.1243 | 377 | 638,067 | \$79,311.81 | \$0.1241 | 376 | 583,114 | \$75,345.72 | \$0.1292 |
| Res. (Rural-Out - All Electric) w/Ecosmart | ER2E | 2 | 1,834 | \$230.21 | \$0.1250 | 2 | 2,350 | \$298.17 | \$0.1248 | 2 | 3,571 | \$442.41 | \$0.1239 | 2 | 3,058 | \$395.64 | \$0.1294 |
| Residential (Rural-Out w/Dmd) | ER3 | 16 | 64,428 | \$7,518.60 | \$0.1167 | 16 | 139,280 | \$16,276.44 | \$0.1169 | 16 | 93,486 | \$11,174.66 | \$0.1195 | 16 | 25,797 | \$3,325.21 | \$0.1289 |
| Residential (Rural-Out - All Electric w/Dmd) | ER4 | 9 | 24,054 | \$2,842.60 | \$0.1181 | 9 | 29,151 | \$3,474.71 | \$0.1192 | 9 | 11,992 | \$1,508.09 | \$0.1258 | 9 | 11,504 | \$1,502.79 | \$0.1306 |
| Total Residential (Rural) | | 1,186 | 1,181,260 | \$147,221.19 | \$0.1246 | 1,180 | 1,412,182 | \$176,031.12 | \$0.1247 | 1,179 | 1,738,647 | \$217,295.63 | \$0.1250 | 1,178 | 1,536,054 | \$200,378.63 | \$0.1305 |
| Commercial (1 Ph-In - No Dmd) | EC2 | 73 | 33,935 | \$5,213.13 | \$0.1536 | 72 | 33,842 | \$5,248.60 | \$0.1551 | 73 | 43,883 | \$6,642.26 | \$0.1514 | 74 | 41,741 | \$6,562.87 | \$0.1572 |
| Commercial (1 Ph-Out - No Dmd) | EC2O | 48 | 7,896 | \$1,585.34 | \$0.2008 | 48 | 11,116 | \$2,015.82 | \$0.1813 | 48 | 12,402 | \$2,206.58 | \$0.1779 | 48 | 10,219 | \$1,966.08 | \$0.1924 |
| Total Commercial (1 Ph) No Dmd | | 121 | 41,831 | \$6,798.47 | \$0.1625 | 120 | 44,958 | \$7,264.42 | \$0.1616 | 121 | 56,285 | \$8,848.84 | \$0.1572 | 122 | 51,960 | \$8,529.05 | \$0.1641 |
| Commercial (1 Ph-In - w/Demand) | EC1 | 261 | 291,661 | \$43,822.32 | \$0.1503 | 261 | 284,512 | \$42,357.67 | \$0.1488 | 261 | 328,599 | \$48,114.24 | \$0.1464 | 261 | 339,671 | \$51,012.55 | \$0.1502 |
| Commercial (1 Ph-Out - w/Demand) | EC1O | 26 | 42,472 | \$5,729.42 | \$0.1336 | 25 | 43,761 | \$5,916.71 | \$0.1352 | 25 | 50,064 | \$6,772.87 | \$0.1353 | 25 | 52,526 | \$7,223.28 | \$0.1375 |
| Total Commercial (1 Ph) w/Demand | | 287 | 334,133 | \$49,551.74 | \$0.1481 | 286 | 328,273 | \$48,274.38 | \$0.1471 | 286 | 378,663 | \$54,887.11 | \$0.1449 | 286 | 392,197 | \$58,235.83 | \$0.1485 |
| Commercial (3 Ph-Out - No Dmd) | EC4O | 2 | 80 | \$46.22 | \$0.5778 | 2 | 17,480 | \$2,292.64 | \$0.1312 | 2 | 30,880 | \$4,075.47 | \$0.1320 | 2 | 1,400 | \$226.32 | \$0.1617 |
| Total Commercial (3 Ph) No Dmd | | 2 | 80 | \$46.22 | \$0.5778 | 2 | 17,480 | \$2,292.64 | \$0.1312 | 2 | 30,880 | \$4,075.47 | \$0.1320 | 2 | 1,400 | \$226.32 | \$0.1617 |
| Commercial (3 Ph-In - w/Demand) | EC3 | 205 | 1,433,490 | \$184,075.24 | \$0.1284 | 204 | 1,281,988 | \$166,754.24 | \$0.1301 | 206 | 1,371,679 | \$179,694.62 | \$0.1310 | 204 | 1,414,470 | \$190,732.90 | \$0.1348 |
| Commercial (3 Ph-Out - w/Demand) | EC3O | 38 | 437,383 | \$55,368.91 | \$0.1266 | 37 | 499,587 | \$62,293.53 | \$0.1249 | 37 | 387,026 | \$50,185.46 | \$0.1296 | 37 | 336,281 | \$45,317.24 | \$0.1348 |
| Commercial (3 Ph-In - w/Dmd & Sub-St) | EC3O | 3 | 111,840 | \$13,266.17 | \$0.1186 | 3 | 124,400 | \$14,870.27 | \$0.1195 | 3 | 121,490 | \$14,326.35 | \$0.1229 | 3 | 128,240 | \$16,205.40 | \$0.1264 |
| Commercial (3 Ph-In - w/Demand, No Tax) | EC3T | 1 | 4,720 | \$688.22 | \$0.1458 | 1 | 1,880 | \$317.02 | \$0.1686 | 1 | 1,880 | \$246.39 | \$0.1311 | 1 | 1,820 | \$259.83 | \$0.1363 |
| Total Commercial (3 Ph) w/Demand | | 247 | 1,987,433 | \$253,418.54 | \$0.1275 | 245 | 1,906,855 | \$244,235.46 | \$0.1281 | 247 | 1,881,985 | \$245,031.94 | \$0.1302 | 245 | 1,880,911 | \$252,515.37 | \$0.1343 |
| Large Power (In - w/Dmd & Rct) | EL1 | 20 | 2,168,883 | \$222,936.81 | \$0.1028 | 20 | 2,006,153 | \$213,358.86 | \$0.1064 | 20 | 1,814,927 | \$198,455.18 | \$0.1093 | 20 | 2,068,532 | \$229,584.97 | \$0.1112 |
| Large Power (In - w/Dmd & Rct, w/StGr) | EL2 | 3 | 1,022,737 | \$97,146.25 | \$0.0950 | 3 | 927,688 | \$88,035.71 | \$0.0949 | 3 | 966,577 | \$96,296.51 | \$0.0996 | 3 | 949,908 | \$96,998.93 | \$0.1021 |
| Large Power (Out - w/Dmd & Rct, w/StGr) | EL2O | 1 | 540,000 | \$52,214.92 | \$0.0967 | 1 | 480,000 | \$48,097.78 | \$0.1002 | 1 | 367,200 | \$41,884.75 | \$0.1141 | 1 | 523,200 | \$56,086.13 | \$0.1072 |
| Large Power (In - w/Dmd & Rct, w/StGr) | EL3 | 2 | 88,348 | \$8,206.94 | \$0.0929 | 2 | 85,631 | \$8,470.21 | \$0.0987 | 2 | 116,013 | \$10,980.28 | \$0.0948 | 2 | 110,023 | \$10,673.10 | \$0.0970 |
| Total Large Power | | 26 | 3,819,960 | \$380,504.92 | \$0.0996 | 26 | 3,499,672 | \$357,962.56 | \$0.1023 | 26 | 3,264,717 | \$347,616.72 | \$0.1065 | 26 | 3,851,661 | \$393,743.19 | \$0.1078 |
| Industrial (In - w/Dmd & Rct, w/StGr) | EI1 | 1 | 1,088,751 | \$95,026.41 | \$0.0872 | 1 | 1,008,863 | \$93,601.01 | \$0.0929 | 1 | 839,013 | \$84,432.41 | \$0.1006 | 1 | 1,048,501 | \$101,993.48 | \$0.0973 |
| Industrial (In - w/Dmd & Rct, No/StGr) | EI2 | 1 | 793,944 | \$73,110.92 | \$0.0921 | 1 | 580,356 | \$61,860.44 | \$0.1066 | 1 | 589,615 | \$64,585.76 | \$0.1095 | 1 | 749,970 | \$75,744.35 | \$0.1010 |
| Total Industrial | | 2 | 1,882,695 | \$168,137.33 | \$0.0893 | 2 | 1,589,219 | \$155,551.45 | \$0.0979 | 2 | 1,428,628 | \$149,018.17 | \$0.1043 | 2 | 1,798,471 | \$177,737.83 | \$0.0988 |
| Interdepartmental (In - No Dmd) | ED1 | 9 | 35,134 | \$4,725.24 | \$0.1345 | 9 | 47,039 | \$5,788.00 | \$0.1233 | 9 | 63,930 | \$7,771.28 | \$0.1216 | 10 | 60,747 | \$7,601.39 | \$0.1261 |
| Interdepartmental (Out - w/Dmd) | ED2O | 2 | 200 | \$58.61 | \$0.2175 | 2 | 275 | \$59.76 | \$0.2173 | 2 | 257 | \$57.92 | \$0.2254 | 2 | 265 | \$60.17 | \$0.2271 |
| Interdepartmental (In - w/Dmd) | ED2 | 28 | 44,216 | \$5,978.93 | \$0.1352 | 32 | 59,195 | \$8,039.29 | \$0.1358 | 30 | 85,669 | \$11,592.07 | \$0.1353 | 27 | 72,299 | \$10,123.32 | \$0.1402 |
| Interdepartmental (3Ph-In - w/Dmd) | ED3 | 11 | 192,165 | \$24,351.34 | \$0.1268 | 11 | 232,067 | \$29,690.11 | \$0.1272 | 11 | 317,586 | \$38,870.80 | \$0.1224 | 11 | 280,875 | \$35,935.72 | \$0.1279 |
| Interdepartmental (Street Lights) | ED5L | 7 | 63,071 | \$5,850.46 | \$0.0928 | 7 | 63,071 | \$5,874.10 | \$0.0931 | 7 | 63,071 | \$5,866.74 | \$0.0930 | 7 | 63,071 | \$5,859.59 | \$0.0929 |
| Interdepartmental (Traffic Signals) | ED5S | 9 | 1,805 | \$166.87 | \$0.0924 | 9 | 1,768 | \$163.49 | \$0.0925 | 9 | 1,772 | \$163.83 | \$0.0925 | 9 | 1,800 | \$166.43 | \$0.0925 |
| Generators (JV2 Power Cost Only) | GJV2 | 1 | 21,949 | \$501.75 | \$0.0229 | 1 | 24,724 | \$724.66 | \$0.0293 | 1 | 30,393 | \$1,009.95 | \$0.0332 | 1 | 27,905 | \$375.32 | \$0.0134 |
| Generators (JV5 Power Cost Only) | GJV5 | 1 | 11,273 | \$257.70 | \$0.0229 | 1 | 14,021 | \$410.96 | \$0.0293 | 1 | 19,852 | \$659.99 | \$0.0332 | 1 | 16,182 | \$217.65 | \$0.0135 |
| Total Interdepartmental | | 68 | 369,822 | \$41,890.80 | \$0.1133 | 72 | 442,160 | \$50,579.37 | \$0.1144 | 70 | 582,530 | \$65,990.78 | \$0.1133 | 68 | 523,054 | \$60,339.59 | \$0.1154 |
| SUB-TOTAL CONSUMPTION & DEMAND | | 5,892 | 11,862,989 | \$1,317,942.26 | \$0.1111 | 5,882 | 11,821,141 | \$1,354,053.34 | \$0.1145 | 5,887 | 12,832,355 | \$1,510,575.94 | \$0.1177 | 5,879 | 12,987,872 | \$1,547,724.35 | \$0.1192 |
| Street Lights (In) | SLO | 13 | 0 | \$13.29 | \$0.0000 | 13 | 0 | \$13.28 | \$0.0000 | 13 | 0 | \$13.28 | \$0.0000 | 13 | 0 | \$13.28 | \$0.0000 |
| Street Lights (Out) | SLOO | 2 | 0 | \$1.92 | \$0.0000 | 2 | 0 | \$1.92 | \$0.0000 | 2 | 0 | \$1.91 | \$0.0000 | 2 | 0 | \$1.91 | \$0.0000 |
| Total Street Light Only | | 15 | 0 | \$15.21 | \$0.0000 | 15 | 0 | \$15.20 | \$0.0000 | 15 | 0 | \$15.19 | \$0.0000 | 15 | 0 | \$15.19 | \$0.0000 |
| TOTAL CONSUMPTION & DEMAND | | 5,907 | 11,862,989 | \$1,317,957.47 | \$0.1111 | 5,897 | 11,821,141 | \$1,354,068.54 | \$0.1145 | 5,902 | 12,832,355 | \$1,510,591.13 | \$0.1177 | 5,894 | 12,987,872 | \$1,547,739.54 | \$0.1192 |

ELECTRIC

BILLING DETERMINANTS

DETERMINANTS

BILLING SUMMARY AND COST

| OCTOBER, 2018 | | | | | | | | | | | | | | | | | | |
|--|--------------|-------------------------|-----------------------|------------------|-------------------------|-------------------------|-----------------------|------------------|-------------------------|-------------------------|-----------------------|------------------|-------------------------|-------------------------|-----------------------|------------------|-------------------------|-------------------------|
| 2018 - OCTOBER BILLING WITH AUGUST 2018 A | | | | | | | | | | | | | | | | | | |
| Class and/or Schedule | Rate Code | Apr-18 # of Bills | Apr-18 (kWh Usage) | Apr-18 Billed | Cost / kWh For Month | May-18 # of Bills | May-18 (kWh Usage) | May-18 Billed | Cost / kWh For Month | Jun-18 # of Bills | Jun-18 (kWh Usage) | Jun-18 Billed | Cost / kWh For Month | Jul-18 # of Bills | Jul-18 (kWh Usage) | Jul-18 Billed | Cost / kWh For Month | Aug-18 # of Bills |
| Residential (Dom-In) | E1 | 3,327 | 1,844,873 | \$230,921.77 | \$0.1252 | 3,338 | 2,025,759 | \$250,458.51 | \$0.1236 | 3,335 | 1,635,032 | \$206,675.76 | \$0.1260 | 3,338 | 2,295,429 | \$295,525.06 | \$0.1287 | 3,341 |
| Residential (Dom-In) w/Ecosmart | E1E | 8 | 3,412 | \$438.16 | \$0.1284 | 8 | 3,653 | \$463.51 | \$0.1269 | 8 | 3,214 | \$413.78 | \$0.1287 | 8 | 4,978 | \$645.47 | \$0.1297 | 8 |
| Residential (Dom-In - All Electric) | E2 | 606 | 573,242 | \$69,171.99 | \$0.1207 | 599 | 614,613 | \$73,394.30 | \$0.1196 | 609 | 360,792 | \$48,468.41 | \$0.1231 | 611 | 391,996 | \$50,714.07 | \$0.1294 | 606 |
| Res (Dom-In - All Elec.) w/Ecosmart | E2E | 1 | 464 | \$59.06 | \$0.1273 | 1 | 499 | \$62.77 | \$0.1258 | 1 | 440 | \$56.08 | \$0.1275 | 1 | 574 | \$74.89 | \$0.1305 | 1 |
| Total Residential (Domestic) | | 3,942 | 2,421,991 | \$300,590.98 | \$0.1241 | 3,946 | 2,644,524 | \$324,479.09 | \$0.1227 | 3,953 | 2,032,478 | \$255,014.03 | \$0.1255 | 3,958 | 2,692,977 | \$346,963.49 | \$0.1288 | 3,956 |
| Residential (Rural-Out) | ER1 | 772 | 716,346 | \$92,931.50 | \$0.1297 | 772 | 764,153 | \$98,209.08 | \$0.1285 | 778 | 587,622 | \$77,418.16 | \$0.1317 | 781 | 750,836 | \$101,456.97 | \$0.1351 | 781 |
| Residential (Rural-Out) w/Ecosmart | ER1E | 4 | 2,843 | \$378.47 | \$0.1331 | 4 | 2,900 | \$383.51 | \$0.1322 | 4 | 1,927 | \$268.34 | \$0.1393 | 4 | 2,824 | \$392.21 | \$0.1389 | 4 |
| Residential (Rural-Out - All Electric) | ER2 | 376 | 442,647 | \$56,439.39 | \$0.1275 | 375 | 466,587 | \$59,001.30 | \$0.1265 | 376 | 340,371 | \$44,096.83 | \$0.1296 | 375 | 401,084 | \$53,774.49 | \$0.1341 | 376 |
| Res (Rural-Out - All Electric) w/Ecosmart | ER2E | 2 | 2,323 | \$296.55 | \$0.1277 | 2 | 2,756 | \$346.45 | \$0.1257 | 2 | 1,963 | \$252.62 | \$0.1287 | 2 | 2,000 | \$269.44 | \$0.1347 | 2 |
| Residential (Rural-Out w/Dmd) | ER3 | 16 | 29,177 | \$3,628.53 | \$0.1244 | 16 | 22,621 | \$2,837.29 | \$0.1254 | 16 | 37,210 | \$4,559.20 | \$0.1295 | 16 | 26,514 | \$3,461.34 | \$0.1305 | 16 |
| Residential (Rural-Out - All Electric w/Dmd) | ER4 | 9 | 9,571 | \$1,229.34 | \$0.1284 | 9 | 9,461 | \$1,210.66 | \$0.1280 | 9 | 7,732 | \$1,006.25 | \$0.1301 | 9 | 8,650 | \$1,094.00 | \$0.1359 | 9 |
| Total Residential (Rural) | | 1,179 | 1,202,907 | \$154,903.78 | \$0.1288 | 1,178 | 1,268,478 | \$161,888.29 | \$0.1277 | 1,185 | 976,825 | \$127,601.50 | \$0.1306 | 1,187 | 1,191,308 | \$160,448.45 | \$0.1347 | 1,191 |
| Commercial (1 Ph-In - No Dmd) | EC2 | 73 | 34,316 | \$5,405.33 | \$0.1575 | 73 | 36,466 | \$5,675.44 | \$0.1556 | 71 | 31,323 | \$4,077.81 | \$0.1589 | 73 | 34,703 | \$5,681.85 | \$0.1632 | 73 |
| Commercial (1 Ph-Out - No Dmd) | EC2O | 48 | 7,512 | \$1,569.60 | \$0.2089 | 48 | 7,657 | \$1,584.22 | \$0.2089 | 48 | 6,691 | \$1,457.49 | \$0.2178 | 48 | 7,605 | \$1,625.00 | \$0.2137 | 48 |
| Total Commercial (1 Ph) No Dmd | | 121 | 41,828 | \$6,974.93 | \$0.1668 | 121 | 44,123 | \$7,259.66 | \$0.1645 | 119 | 38,014 | \$6,435.30 | \$0.1693 | 121 | 42,308 | \$7,286.85 | \$0.1722 | 121 |
| Commercial (1 Ph-In - w/Demand) | EC1 | 259 | 288,035 | \$43,656.94 | \$0.1516 | 260 | 307,573 | \$45,994.30 | \$0.1482 | 261 | 280,232 | \$42,861.57 | \$0.1527 | 260 | 306,674 | \$48,757.18 | \$0.1593 | 261 |
| Commercial (1 Ph-Out - w/Demand) | EC1O | 25 | 46,069 | \$6,223.64 | \$0.1361 | 25 | 48,846 | \$6,563.38 | \$0.1344 | 25 | 44,323 | \$5,986.77 | \$0.1361 | 25 | 45,411 | \$6,431.09 | \$0.1416 | 25 |
| Total Commercial (1 Ph) w/Demand | | 284 | 334,104 | \$49,880.58 | \$0.1493 | 285 | 356,419 | \$52,557.68 | \$0.1463 | 286 | 324,555 | \$48,788.34 | \$0.1503 | 285 | 351,485 | \$55,188.27 | \$0.1570 | 286 |
| Commercial (3 Ph-Out - No Dmd) | EC4O | 2 | 80 | \$46.57 | \$0.5821 | 2 | 160 | \$57.04 | \$0.3565 | 2 | 160 | \$57.06 | \$0.3566 | 2 | 80 | \$47.02 | \$0.5878 | 2 |
| Total Commercial (3 Ph) No Dmd | | 2 | 80 | \$46.57 | \$0.5821 | 2 | 160 | \$57.04 | \$0.3565 | 2 | 160 | \$57.06 | \$0.3566 | 2 | 80 | \$47.02 | \$0.5878 | 2 |
| Commercial (3 Ph-In - w/Demand) | EC3 | 205 | 1,352,644 | \$177,660.41 | \$0.1313 | 206 | 1,259,932 | \$167,538.38 | \$0.1330 | 208 | 1,329,706 | \$176,847.10 | \$0.1330 | 208 | 1,451,198 | \$201,102.33 | \$0.1386 | 206 |
| Commercial (3 Ph-Out - w/Demand) | EC3O | 37 | 302,403 | \$40,173.61 | \$0.1328 | 37 | 291,808 | \$38,489.64 | \$0.1319 | 37 | 249,671 | \$34,289.25 | \$0.1373 | 37 | 266,081 | \$37,846.28 | \$0.1417 | 37 |
| Commercial (3 Ph-In - w/Dmd & Sub-St) | EC3SO | 3 | 116,440 | \$14,346.25 | \$0.1232 | 3 | 112,700 | \$13,817.29 | \$0.1225 | 3 | 111,800 | \$13,732.62 | \$0.1229 | 3 | 115,360 | \$14,850.00 | \$0.1296 | 3 |
| Commercial (3 Ph-In - w/Demand, No Tax) | EC3T | 1 | 1,840 | \$244.53 | \$0.1329 | 1 | 1,560 | \$211.62 | \$0.1357 | 1 | 1,760 | \$231.87 | \$0.1317 | 1 | 1,840 | \$237.71 | \$0.2058 | 1 |
| Total Commercial (3 Ph) w/Demand | | 246 | 1,773,327 | \$232,423.80 | \$0.1311 | 247 | 1,666,958 | \$220,057.18 | \$0.1321 | 249 | 1,692,931 | \$225,100.84 | \$0.1330 | 249 | 1,835,379 | \$254,271.32 | \$0.1385 | 247 |
| Large Power (In - w/Dmd & Ret) | EL1 | 20 | 1,817,001 | \$205,936.91 | \$0.1133 | 20 | 1,963,523 | \$210,241.35 | \$0.1071 | 20 | 2,043,094 | \$218,841.15 | \$0.1071 | 20 | 2,215,512 | \$251,260.17 | \$0.1134 | 20 |
| Large Power (In - w/Dmd & Ret, w/SbCr) | EL2 | 3 | 969,637 | \$96,304.33 | \$0.0993 | 3 | 1,045,153 | \$100,795.15 | \$0.0964 | 3 | 1,039,022 | \$101,982.44 | \$0.0982 | 3 | 1,050,293 | \$111,938.86 | \$0.1027 | 3 |
| Large Power (Out - w/Dmd & Ret, w/SbCr) | EL2O | 1 | 444,000 | \$47,885.41 | \$0.1079 | 1 | 471,600 | \$50,751.07 | \$0.1076 | 1 | 465,600 | \$50,028.09 | \$0.1074 | 1 | 465,600 | \$52,796.32 | \$0.1134 | 1 |
| Large Power (In - w/Dmd & Ret, w/SbCr) | EL3 | 2 | 96,895 | \$9,570.11 | \$0.0988 | 2 | 90,319 | \$8,168.72 | \$0.1790 | 2 | 96,601 | \$14,415.51 | \$0.2547 | 2 | 80,064 | \$15,683.06 | \$0.1959 | 2 |
| Total Large Power | | 26 | 3,328,433 | \$359,696.76 | \$0.1081 | 26 | 3,570,595 | \$377,956.29 | \$0.1059 | 26 | 3,604,317 | \$385,267.19 | \$0.1069 | 26 | 3,851,469 | \$431,668.41 | \$0.1121 | 26 |
| Industrial (In - w/Dmd & Ret, w/SbCr) | EI1 | 1 | 992,995 | \$96,681.73 | \$0.0974 | 1 | 1,108,376 | \$103,727.01 | \$0.0936 | 1 | 1,026,923 | \$96,972.73 | \$0.0950 | 1 | 1,100,078 | \$109,317.34 | \$0.0994 | 1 |
| Industrial (In - w/Dmd & Ret, No/SbCr) | EI2 | 1 | 736,520 | \$72,152.25 | \$0.0980 | 1 | 786,160 | \$74,992.99 | \$0.0954 | 1 | 834,510 | \$78,206.94 | \$0.0937 | 1 | 875,036 | \$86,537.35 | \$0.0989 | 1 |
| Total Industrial | | 2 | 1,729,515 | \$168,833.98 | \$0.0976 | 2 | 1,894,536 | \$178,720.00 | \$0.0943 | 2 | 1,861,433 | \$175,179.67 | \$0.0944 | 2 | 1,975,114 | \$195,854.69 | \$0.0992 | 2 |
| Interdepartmental (In - No Dmd) | ED1 | 9 | 48,086 | \$6,069.77 | \$0.1239 | 9 | 47,900 | \$5,970.07 | \$0.1246 | 11 | 30,233 | \$4,061.10 | \$0.1343 | 11 | 40,778 | \$5,716.66 | \$0.1402 | 11 |
| Interdepartmental (Out - w/Dmd) | ED2O | 2 | 249 | \$57.06 | \$0.2292 | 2 | 303 | \$74.54 | \$0.1946 | 2 | 375 | \$73.51 | \$0.1960 | 2 | 566 | \$102.15 | \$0.1805 | 2 |
| Interdepartmental (In - w/Dmd) | ED2 | 27 | 62,880 | \$7,304.00 | \$0.1301 | 27 | 55,096 | \$7,963.78 | \$0.1373 | 27 | 26,820 | \$3,855.19 | \$0.1437 | 28 | 25,027 | \$3,787.47 | \$0.1513 | 28 |
| Interdepartmental (3 Ph-In - w/Dmd) | ED3 | 11 | 247,163 | \$31,549.71 | \$0.1276 | 11 | 236,246 | \$29,667.69 | \$0.1261 | 11 | 214,351 | \$28,052.21 | \$0.1309 | 11 | 126,536 | \$17,385.49 | \$0.1374 | 11 |
| Interdepartmental (Street Lights) | EDSL | 7 | 63,071 | \$5,850.66 | \$0.0928 | 7 | 63,071 | \$5,867.78 | \$0.0930 | 7 | 63,071 | \$5,846.52 | \$0.0927 | 7 | 63,071 | \$5,867.81 | \$0.0930 | 7 |
| Interdepartmental (Traffic Signals) | EDTS | 9 | 1,574 | \$145.53 | \$0.0925 | 9 | 1,683 | \$155.62 | \$0.0925 | 9 | 1,458 | \$134.83 | \$0.0925 | 9 | 1,719 | \$158.12 | \$0.0925 | 9 |
| Generators (JV2 Power Cost Only) | GVJ2 | 1 | 22,929 | \$567.95 | \$0.0248 | 1 | 23,658 | \$606.35 | \$0.0256 | 1 | 19,731 | \$666.32 | \$0.0338 | 1 | 15,343 | \$476.89 | \$0.0292 | 1 |
| Generators (JV5 Power Cost Only) | GVJ5 | 1 | 14,121 | \$349.78 | \$0.0248 | 1 | 15,046 | \$359.17 | \$0.0265 | 1 | 12,430 | \$419.76 | \$0.0338 | 1 | 11,874 | \$348.48 | \$0.0292 | 1 |
| Total Interdepartmental | | 67 | 450,973 | \$51,899.46 | \$0.1151 | 67 | 442,083 | \$50,305.00 | \$0.1138 | 69 | 368,469 | \$43,109.44 | \$0.1170 | 70 | 285,905 | \$33,841.07 | \$0.1184 | 71 |
| SUB-TOTAL CONSUMPTION & DEMAND | | 5,869 | 11,283,158 | \$1,325,250.84 | \$0.1175 | 5,874 | 11,806,976 | \$1,372,990.83 | \$0.1155 | 5,891 | 10,893,182 | \$1,266,553.37 | \$0.1163 | 5,900 | 12,226,025 | \$1,485,569.57 | \$0.1215 | 5,902 |
| ***** | | | | | | | | | | | | | | | | | | |
| Street Lights (In) | SLO | 13 | 0 | \$13.28 | \$0.0000 | 14 | 3,877 | \$30.60 | \$0.0079 | 14 | 0 | \$13.44 | \$0.0000 | 14 | 0 | \$13.43 | \$0.0000 | 15 |
| Street Lights (Out) | SLOO | 2 | 0 | \$1.92 | \$0.0000 | 2 | 0 | \$1.91 | \$0.0000 | 2 | 0 | \$1.92 | \$0.0000 | 2 | 0 | \$1.91 | \$0.0000 | 2 |
| Total Street Light Only | | 15 | 0 | \$15.20 | \$0.0000 | 16 | 3,877 | \$32.51 | \$0.0084 | 16 | 0 | \$15.36 | \$0.0000 | 16 | 0 | \$15.34 | \$0.0000 | 17 |
| TOTAL CONSUMPTION & DEMAND | | 5,884 | 11,283,158 | \$1,325,266.04 | \$0.1175 | 5,890 | 11,806,953 | \$1,373,013.34 | \$0.1155 | 5,907 | 10,893,182 | \$1,266,568.73 | \$0.1163 | 5,916 | 12,226,025 | \$1,485,584.91 | \$0.1215 | 5,919 |
| ***** | | | | | | | | | | | | | | | | | | |

| BILLING SUMMARY AND COMPARISON | | | | | | | | | | | | | |
|--|-----------|--------------------|-----------------------|----------------------|--------------------|---------------------|-----------------------|----------------------|-----------------------------|---------------------------|-----------------------------|------------------------------|--------------------------------|
| OCTOBER, 2018 | | | | | | | | | | | | | |
| 2018 - OCTOBER BILLING WITH AUGUST 2018 A | | | | | | | | | | | | | |
| Class and/or Schedule | Rate Code | Aug-18 (kWh Usage) | Aug-18 Billed | Cost / kWh For Month | Sept-18 # of Bills | Sept-18 (kWh Usage) | Sept-18 Billed | Cost / kWh For Month | TOTAL KWH USAGE PRIOR 12 MO | TOTAL BILLING PRIOR 12 MO | Avg Cost Per kWh For Period | Avg Num. of Bills For Period | Avg Per. % of Bills For Period |
| Residential (Dom-In) | E1 | 3,151,485 | \$400,929.74 | \$0.1272 | 3,350 | 3,081,597 | \$381,317.28 | \$0.1237 | 27,242,817 | \$3,367,468.95 | \$0.1236 | 3,338 | 56.5414% |
| Residential (Dom-In - w/Ecosmart) | E1E | 6,640 | \$850.61 | \$0.1281 | 8 | 6,146 | \$768.44 | \$0.1250 | 55,835 | \$6,999.07 | \$0.1254 | 8 | 0.1411% |
| Residential (Dom-In - All Electric) | E2 | 485,142 | \$61,772.51 | \$0.1284 | 612 | 480,532 | \$59,991.48 | \$0.1248 | 6,278,468 | \$763,046.58 | \$0.1215 | 605 | 10.2514% |
| Res. (Dom-In - All Elec.) w/Ecosmart | E2E | 909 | \$103.78 | \$0.1283 | 1 | 944 | \$116.65 | \$0.1236 | 6,848 | \$858.33 | \$0.1253 | 1 | 0.0169% |
| Total Residential (Domestic) | | 3,640,076 | \$463,656.64 | \$0.1274 | 3,971 | 3,568,219 | \$442,193.85 | \$0.1239 | 33,584,968 | \$4,138,372.93 | \$0.1232 | 3,953 | 66.9508% |
| Residential (Rural-Out) | ER1 | 895,059 | \$120,261.79 | \$0.1344 | 785 | 891,597 | \$116,624.29 | \$0.1307 | 9,287,215 | \$1,201,567.12 | \$0.1294 | 777 | 13.1674% |
| Residential (Rural-Out) w/Ecosmart | ER1E | 3,437 | \$471.60 | \$0.1372 | 4 | 3,606 | \$479.05 | \$0.1330 | 35,674 | \$4,740.43 | \$0.1329 | 4 | 0.0677% |
| Residential (Rural-Out - All Electric) | ER2 | 463,633 | \$61,942.20 | \$0.1336 | 373 | 461,395 | \$59,978.41 | \$0.1300 | 5,391,974 | \$688,043.62 | \$0.1276 | 375 | 6.3568% |
| Res. (Rural-Out - All Electric) w/Ecosmart | ER2E | 2,196 | \$295.76 | \$0.1347 | 2 | 2,179 | \$285.67 | \$0.1311 | 27,516 | \$3,523.13 | \$0.1280 | 2 | 0.0339% |
| Residential (Rural-Out w/Dmd) | ER3 | 16,508 | \$2,231.89 | \$0.1352 | 16 | 22,552 | \$2,912.12 | \$0.1289 | 505,876 | \$61,467.01 | \$0.1215 | 16 | 0.2710% |
| Residential (Rural-Out - All Electric w/Dmd) | ER4 | 9,190 | \$1,236.53 | \$0.1354 | 9 | 9,780 | \$1,281.92 | \$0.1311 | 144,769 | \$18,201.30 | \$0.1257 | 9 | 0.1524% |
| Total Residential (Rural) | | 1,389,983 | \$186,441.57 | \$0.1341 | 1,189 | 1,391,549 | \$181,562.06 | \$0.1305 | 15,393,024 | \$1,977,542.61 | \$0.1285 | 1,184 | 20.0483% |
| Commercial (1 Ph-In - No Dmd) | EC2 | 35,297 | \$5,773.50 | \$0.1636 | 73 | 38,745 | \$6,168.85 | \$0.1577 | 431,525 | \$67,853.71 | \$0.1568 | 73 | 1.2421% |
| Commercial (1 Ph-Out - No Dmd) | EC2O | 7,870 | \$1,668.23 | \$0.2120 | 48 | 7,906 | \$1,644.36 | \$0.2080 | 101,688 | \$20,360.16 | \$0.2002 | 48 | 0.8130% |
| Total Commercial (1 Ph) No Dmd | | 43,167 | \$7,441.73 | \$0.1724 | 121 | 46,651 | \$7,813.21 | \$0.1662 | 533,213 | \$88,213.87 | \$0.1651 | 121 | 2.0551% |
| Commercial (1 Ph-In - w/Demand) | EC1 | 348,059 | \$54,469.26 | \$0.1565 | 262 | 398,500 | \$59,217.68 | \$0.1486 | 3,871,901 | \$580,820.62 | \$0.1500 | 261 | 4.4122% |
| Commercial (1 Ph-Out - w/Demand) | EC1O | 46,585 | \$6,646.59 | \$0.1427 | 29 | 52,396 | \$7,170.55 | \$0.1369 | 562,090 | \$76,457.76 | \$0.1360 | 25 | 0.4248% |
| Total Commercial (1 Ph) w/Demand | | 394,644 | \$61,115.85 | \$0.1549 | 287 | 450,896 | \$66,388.23 | \$0.1472 | 4,433,971 | \$657,278.38 | \$0.1482 | 286 | 4.8370% |
| Commercial (3 Ph-Out - No Dmd) | EC4O | 40 | \$41.55 | \$1.0388 | 2 | 40 | \$41.40 | \$1.0350 | 50,520 | \$7,018.55 | \$0.1389 | 2 | 0.0339% |
| Total Commercial (3 Ph) No Dmd | | 40 | \$41.55 | \$1.0388 | 2 | 40 | \$41.40 | \$1.0350 | 50,520 | \$7,018.55 | \$0.1389 | 2 | 0.0339% |
| Commercial (3 Ph-In - w/Demand) | EC3 | 1,726,146 | \$237,768.88 | \$0.1377 | 205 | 1,852,442 | \$246,545.64 | \$0.1331 | 17,683,729 | \$2,336,312.51 | \$0.1321 | 206 | 3.4806% |
| Commercial (3 Ph-Out - w/Demand) | EC3O | 280,489 | \$40,004.85 | \$0.1426 | 37 | 302,193 | \$41,843.55 | \$0.1385 | 3,973,122 | \$526,928.29 | \$0.1326 | 37 | 0.6369% |
| Commercial (3 Ph-In - w/Dmd & Sub-St.) | EC3O | 123,520 | \$15,953.58 | \$0.1292 | 3 | 126,340 | \$16,878.18 | \$0.1327 | 1,437,160 | \$176,991.28 | \$0.1232 | 3 | 0.0505% |
| Commercial (3 Ph-In - w/Demand, No Tax) | EC3T | 5,400 | \$705.48 | \$0.1309 | 1 | 6,880 | \$1,126.25 | \$0.1628 | 41,500 | \$5,871.24 | \$0.1414 | 1 | 0.0169% |
| Total Commercial (3 Ph) w/Demand | | 2,135,555 | \$294,482.79 | \$0.1379 | 246 | 2,280,875 | \$305,394.66 | \$0.1334 | 23,135,531 | \$3,046,103.32 | \$0.1317 | 247 | 4.1793% |
| Large Power (In - w/Dmd & Rct) | EL1 | 2,304,703 | \$280,458.58 | \$0.1130 | 20 | 2,452,238 | \$263,428.77 | \$0.1074 | 25,328,572 | \$2,741,908.18 | \$0.1083 | 20 | 0.3877% |
| Large Power (In - w/Dmd & Rct, w/SbCr) | EL2 | 1,044,331 | \$109,898.03 | \$0.1052 | 3 | 1,127,543 | \$111,927.95 | \$0.0993 | 12,441,640 | \$1,225,722.21 | \$0.0985 | 3 | 0.0508% |
| Large Power (Out - w/Dmd & Rct, w/SbCr) | EL2O | 433,200 | \$51,043.06 | \$0.1178 | 1 | 507,600 | \$54,558.29 | \$0.1075 | 5,786,400 | \$611,781.67 | \$0.1057 | 1 | 0.0169% |
| Large Power (In - w/Dmd & Rct, w/SbCr) | EL3 | 80,568 | \$15,020.11 | \$0.1864 | 2 | 80,800 | \$13,357.94 | \$0.1653 | 1,043,640 | \$149,627.32 | \$0.1434 | 2 | 0.0339% |
| Total Large Power | | 3,862,802 | \$437,219.80 | \$0.1132 | 26 | 4,168,181 | \$443,272.95 | \$0.1063 | 44,608,252 | \$4,728,035.38 | \$0.1059 | 26 | 0.4404% |
| Industrial (In - w/Dmd & Rct, w/SbCr) | EI1 | 1,045,201 | \$104,999.65 | \$0.1005 | 1 | 1,140,164 | \$108,239.67 | \$0.0949 | 12,836,262 | \$1,192,424.09 | \$0.0944 | 1 | 0.0169% |
| Industrial (In - w/Dmd & Rct, No/SbCr) | EI2 | 874,860 | \$86,734.40 | \$0.0991 | 1 | 916,506 | \$87,069.32 | \$0.0950 | 9,491,206 | \$915,642.65 | \$0.0969 | 1 | 0.0169% |
| Total Industrial | | 1,920,061 | \$191,725.05 | \$0.0999 | 2 | 2,056,670 | \$195,308.99 | \$0.0950 | 22,127,468 | \$2,112,066.74 | \$0.0954 | 2 | 0.0339% |
| Interdepartmental (In - No Dmd) | ED1 | 48,331 | \$6,660.05 | \$0.1378 | 10 | 48,027 | \$6,417.77 | \$0.1336 | 532,035 | \$68,649.98 | \$0.1290 | 10 | 0.1623% |
| Interdepartmental (Out - w/Dmd) | ED2O | 670 | \$117.07 | \$0.1747 | 2 | 568 | \$103.55 | \$0.1781 | 4,550 | \$895.58 | \$0.1968 | 2 | 0.0339% |
| Interdepartmental (In - w/Dmd) | ED3 | 24,525 | \$3,763.69 | \$0.1535 | 29 | 23,590 | \$3,536.12 | \$0.1499 | 512,023 | \$71,614.25 | \$0.1399 | 29 | 0.4757% |
| Interdepartmental (3Ph-In - w/Dmd) | ED3 | 146,015 | \$19,879.21 | \$0.1361 | 10 | 154,527 | \$20,179.18 | \$0.1306 | 2,508,190 | \$317,785.44 | \$0.1267 | 11 | 0.1849% |
| Interdepartmental (Street Lights) | EDSL | 63,071 | \$5,865.70 | \$0.0930 | 7 | 63,071 | \$5,868.82 | \$0.0931 | 756,600 | \$70,339.03 | \$0.0930 | 7 | 0.1186% |
| Interdepartmental (Traffic Signals) | EDTS | 1,455 | \$134.54 | \$0.0925 | 8 | 1,615 | \$149.33 | \$0.0925 | 19,980 | \$1,847.43 | \$0.0925 | 9 | 0.1496% |
| Generators (JV2 Power Cost Only) | GJV2 | 13,628 | \$354.19 | \$0.0260 | 1 | 14,354 | \$311.19 | \$0.0217 | 254,678 | \$6,187.20 | \$0.0243 | 1 | 0.0169% |
| Generators (JV5 Power Cost Only) | GJV5 | 3,327 | \$86.47 | \$0.0260 | 1 | 6,673 | \$144.67 | \$0.0217 | 149,320 | \$3,660.01 | \$0.0245 | 1 | 0.0169% |
| Total Interdepartmental | | 301,022 | \$36,960.92 | \$0.1225 | 68 | 312,445 | \$36,710.63 | \$0.1175 | 4,737,436 | \$540,978.92 | \$0.1142 | 68 | 1.1588% |
| SUB-TOTAL CONSUMPTION & DEMAND | | 13,687,350 | \$1,678,985.90 | \$0.1227 | 5,912 | 14,285,526 | \$1,678,825.98 | \$0.1175 | 148,596,383 | \$17,296,414.70 | \$0.1164 | 5,889 | 99.7373% |
| Street Lights (In) | SLO | 0 | \$13.58 | \$0.0000 | 14 | 0 | \$13.44 | \$0.0000 | 3,877 | \$177.46 | \$0.0458 | 14 | 0.2287% |
| Street Lights (Out) | SLOO | 0 | \$1.92 | \$0.0000 | 2 | 0 | \$1.91 | \$0.0000 | 0 | \$22.98 | \$0.0000 | 2 | 0.0339% |
| Total Street Light Only | | 0 | \$15.50 | \$0.0000 | 16 | 0 | \$15.35 | \$0.0000 | 3,877 | \$200.44 | \$0.0517 | 16 | 0.2625% |
| TOTAL CONSUMPTION & DEMAND | | 13,687,350 | \$1,678,991.40 | \$0.1227 | 5,928 | 14,285,526 | \$1,678,841.33 | \$0.1175 | 148,600,260 | \$17,296,615.14 | \$0.1164 | 5,904 | 100.0000% |



255 West Riverview Avenue •
P.O. Box 151
Napoleon, Ohio 43545-0151
Phone: (419) 592-4010 • Fax:
(419) 599-8393
Web Page: www.napoleonohio.com

City of *NAPOLEON*, Ohio

Memorandum

To: *Napoleon City Council and Mayor
Napoleon Board of Public Affairs*

From: *Joel Mazur, City Manager*

Date: *9/14/2018*

Subject: *AMP Peak Shaving Project Subscription*

Mayor
Jason Maassel

Members of Council

PRESIDENT:
Joseph Bialorucki

PRESIDENT PRO-TEM:
Daniel Baer

Jeff Comadoll
Travis B. Sheaffer
Kenneth Haase
Jeff Mires
Lori Siclair

City Manager
Joel L. Mazur

Finance Director
Gregory J. Heath

Law Director
Billy D. Harmon

Public Works Director
Chad E. Lulfs, P.E., P.S.

Attached is the presentation that will be given at the AMP annual conference later this month regarding an AMP Peak Shaving project. AMP is seeking commitments from communities that would like to be a part of the project. We are already participants in the JV2 and JV5 projects that involve peak shaving generation.

I discussed this project with an AMP staff member early in the project development stages. At the time, this individual didn't think Napoleon needed any additional peak shaving generation. I discarded the thought of getting Napoleon involved in this project based on the two conversations I had. Since the first deadline for the subscription to get into the project is due on November 1st, I checked again with AMP staff members in the Power Supply section to make sure that we didn't need to get involved. They informed me that it would be beneficial for Napoleon to get involved in this project, but that Napoleon should not install any generating units behind our meter since we have a large amount of peak shaving generation behind our meter already. In addition to the November 1st deadline, there is another deadline of March 1st to commit to the project. Committing to this deadline would delay the participation and benefits of the project by one year, but Napoleon would still receive the benefits of being a participant long-term.

After reviewing the data, the City of Napoleon can benefit from participating in this project. The benefits for Napoleon would be to gain capacity and transmission credits for generating electricity during peak hours. The project debt service would last for the first ten (10) years and have a marginal savings to our rate payers during that time. After the debt is paid off, the savings become more meaningful, upwards of \$6 per MWH according to Mike Migliore. The recommendation is for Napoleon to only subscribe for up to 6.9 MW.

Attached is the draft legislation that would need to be passed by City Council as a requirement of AMP for Napoleon to be a participant. I am recommending that the City of Napoleon commit to a minimum of 4 MW of power as a participant in this project. This would not commit Napoleon to the full amount of peaking capacity, allow the City to get involved in future projects that could involve newer technology and would give the City enough cushion to absorb any large losses of load, if that were to happen.



RICE Peak Shaving Project Update



Project Overview

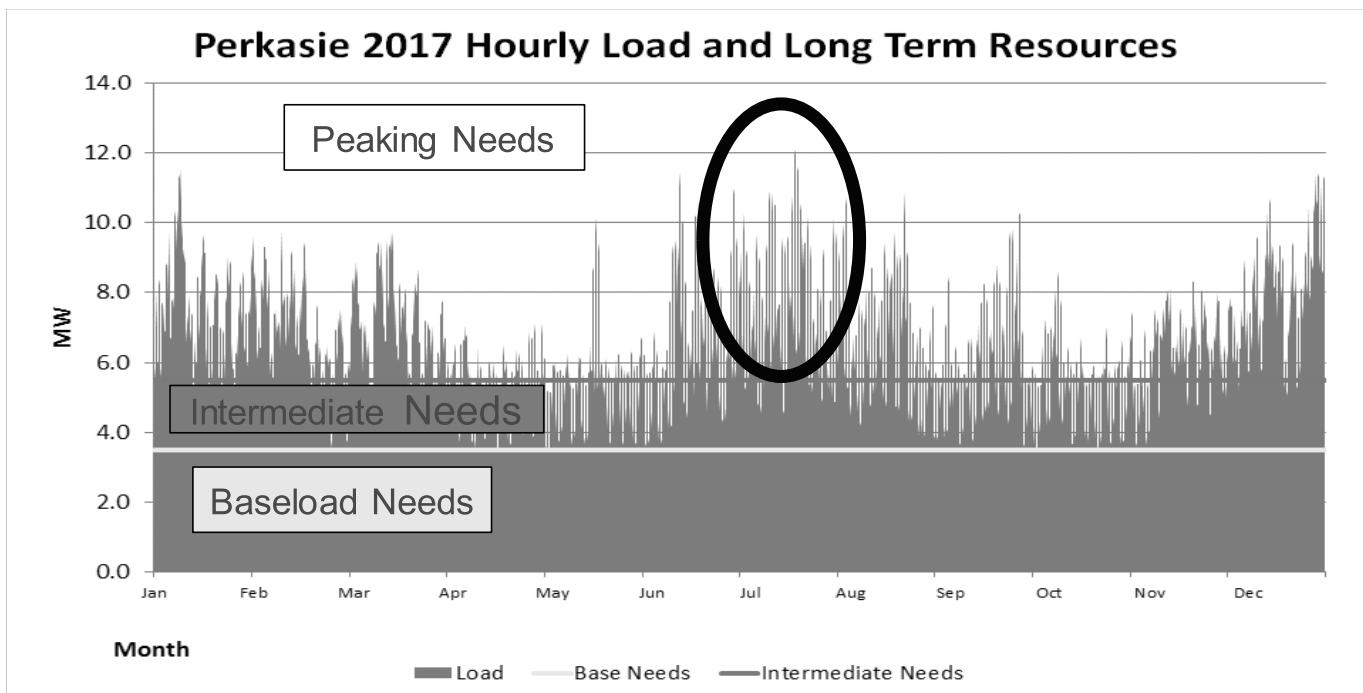
- Behind the Meter Peak Shaving project
 - Designed to address rising capacity and transmission costs
- Fixed price turnkey project with proposed 10 year financing
 - Reciprocating Internal Combustion Engines
 - Factory Certified Diesel generators that meet all Tier IV EPA requirements
- PowerSecure was selected, through RFP process, to provide EPC of diesel generation units with a firm, not-to-exceed pricing for the construction of each site

Uses of Behind the Meter Generation

- **Transmission Peak Shaving**
 - Operation of Unit during Transmission Zone's peak hour
- **Capacity Peak Shaving**
 - Operation of Unit during PJM's five highest peak hours
- **Energy Hedge**
 - Operation of Unit during high price market hours

Energy Hedge

- Members can utilize peaking capacity to hedge against market purchases to supply load or to backup other generation resources.



PowerSecure Generation Technology

Volvo Diesel Engines

- **Tier IV EPA compliant technology**
 - No other testing is required
 - EPA Certificate of Conformity with the Clean Air Act
- **PowerBlock product**
 - 540 kW per engine of prime rating generation
- **3-5 engines per PowerBlock**
- **Estimated 50 hours per year of operation for peak shaving**
 - Permitted for 500 hours per year
- **Approximately 25-30 year life of units**

PowerSecure Generation

The PowerBlock® Advantage

- Fully Modular & Scalable
- Factory tested as a system
- Pre-wired for minimal on-site construction and configuration
- US patented



Construction and Operations

PowerSecure will provide FIXED PRICE turnkey cost to construct, install and maintain diesel generation

This locks in 90% of Project Fixed costs

- AMP Energy Control Center will dispatch units
- PowerSecure will monitor all units and serve as a secondary point for dispatch
- PowerSecure will provide a 10 year warranty (included in the Maintenance Costs)

Existing Member PowerSecure Locations

Bedford, VA



2.7 MW POWERBLOCK
(5 – 540 kW engines)

Berlin, PA

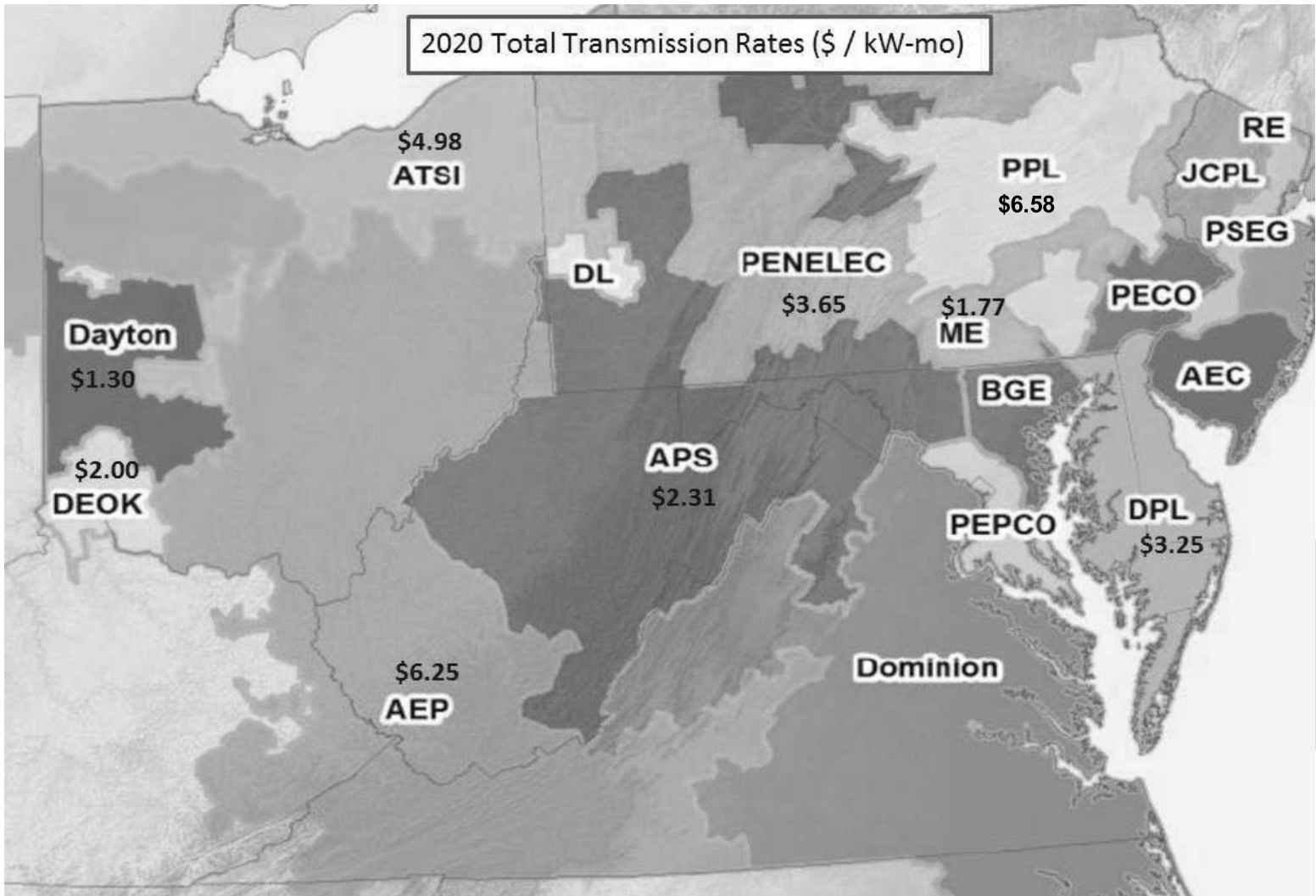


Two - 1.6 MW POWERBLOCKS
(6 – 540 kW engines)

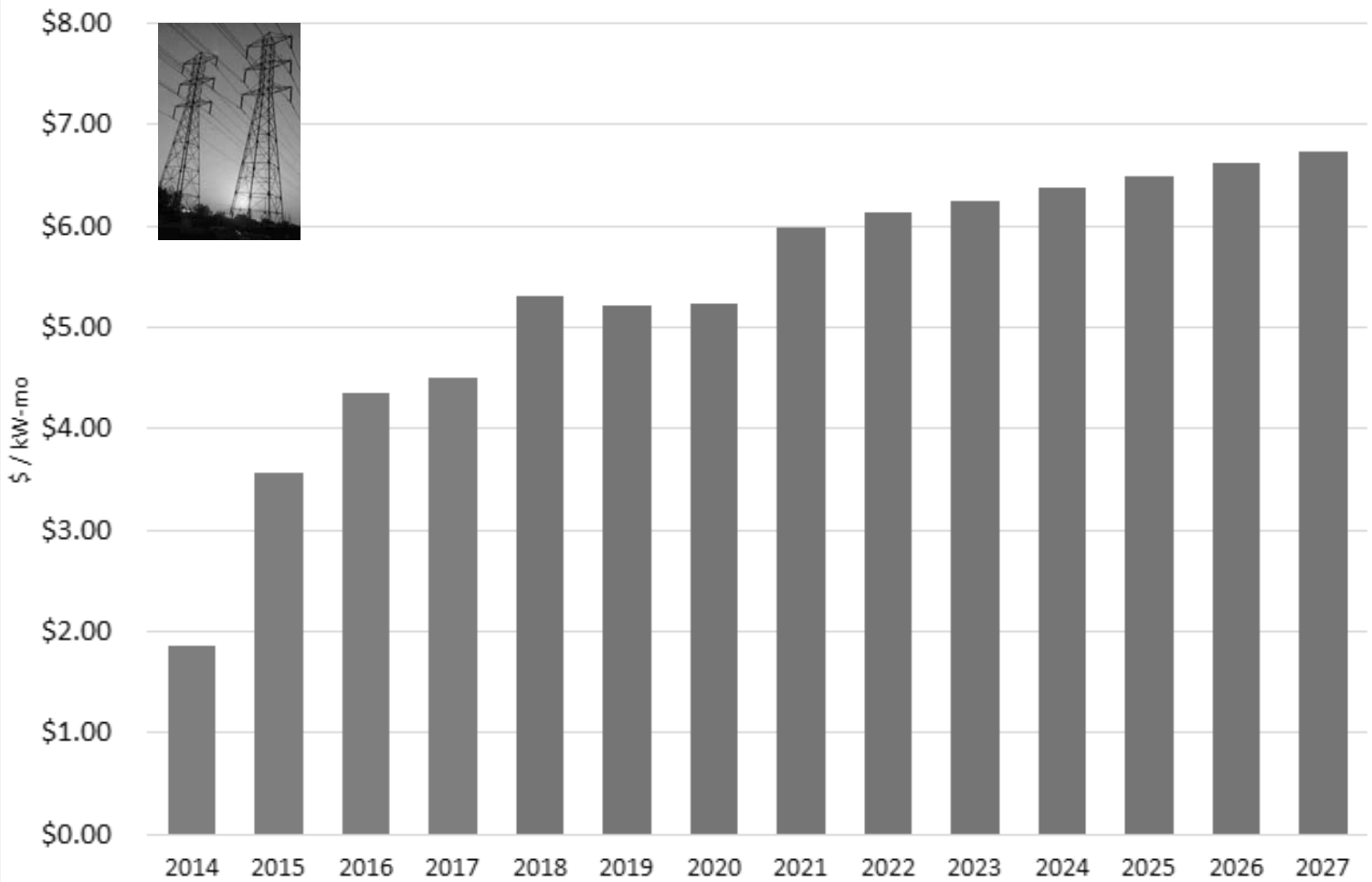
Peak Shaving Project Recommendation

| Member | | Napoleon | |
|---------------------------------------|-----------|---------------|--------------|
| | | | |
| | <u>MW</u> | <u>Weight</u> | <u>Rec</u> |
| Transmission Needs | 31.1 | 33% | 10.300 |
| Capacity Needs | 13.7 | 50% | 6.900 |
| Peaking Energy Needs | 10.9 | 66% | 7.200 |
| | | | |
| Peaking Project Recommendation | | | 6.900 |

2020 Total Transmission Rates (\$ / kW-mo)



FirstEnergy Total Transmission Rates

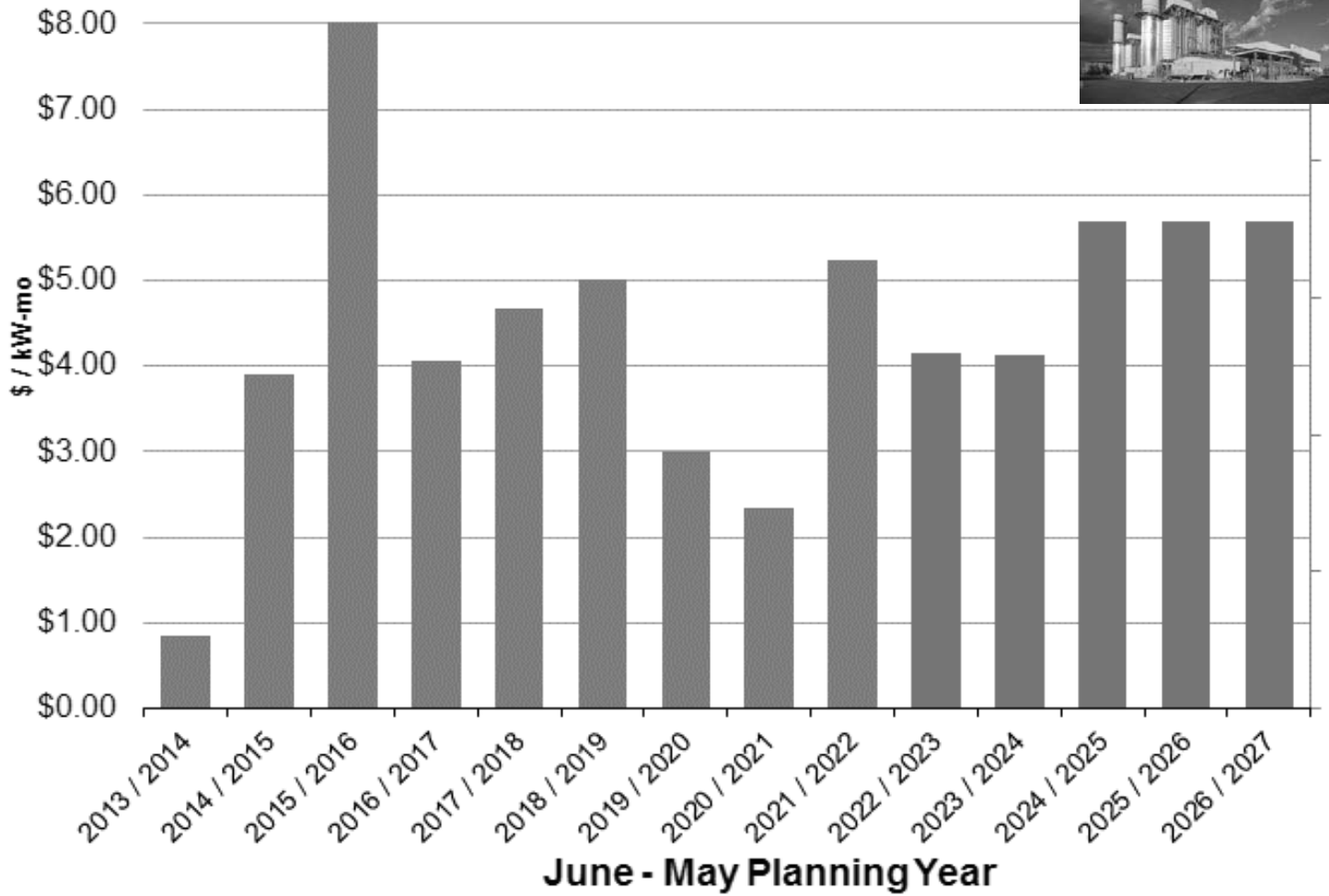


9/14/2018


American Municipal Power, Inc.



ATSI Zone Installed Capacity Prices



Project Construction Costs

|  | Total Capacity (kW) | EPC Costs | AMP Costs | Contingency | Total Construction Cost | Total \$/kW |
|--|----------------------------|------------------|------------------|--------------------|--------------------------------|--------------------|
| | 15,120 | \$ 11,027,605 | \$ 202,413 | \$ 1,102,761 | \$ 12,332,779 | \$ 816 |

- Total EPC Costs includes interconnection costs
- AMP Costs include: Environmental, IT/Communication, Project Management, Accounting, Legal
- Contingency is 10% of the EPC Cost

| 10 yr Financing Cost | | | 20 yr Financing Cost | | |
|-----------------------------|---------------------|------------------------|-----------------------------|---------------------|------------------------|
| Interest Cost | All-In Costs | All-In \$/kW-mo | Interest Cost | All-In Costs | All-In \$/kW-mo |
| \$ 2,650,828 | \$ 14,983,607 | \$ 8.26 | \$ 5,603,432 | \$ 17,936,211 | \$ 4.94 |

- All-In Costs are the sum of the Construction Costs and Interest Costs
- 4% interest rate

13

BUSINESS CONFIDENTIAL

American Municipal Power, Inc.



Project Cost per kW-month

| 10 yr Financing Cost | | | 20 yr Financing Cost | | |
|----------------------|--------------------------|--------------------------|----------------------|--------------------------|--------------------------|
| All-In \$/kW-mo | Maint Cost (\$/kW-mo) | Total Cost (\$/kW-mo) | All-In \$/kW-mo | Maint Cost (\$/kW-mo) | Total Cost (\$/kW-mo) |
| \$ 8.26 | \$ 1.55 | \$ 9.81 | \$ 4.94 | \$ 1.90 | \$ 6.84 |

- All-In Costs are the sum of the Total Construction Costs and Financial Costs
- Maintenance cost include the Maintenance & Monitoring Agreement with PowerSecure and AMP costs for dispatch, IT support, insurance and project management

Estimated Net Cost of Peak Shaving Project

2020 - 2030

- AMP Peak Shaving Project = \$9.81 / kW-mo
- Transmission savings = (\$6.76 / kW-mo)
- Capacity savings = (\$4.91 / kW-mo)
- Net Savings from Project (\$1.86 / kW-mo)

2031 - 2040

- AMP Peak Shaving Project = \$1.90 / kW-mo
- Transmission savings = (\$8.46 / kW-mo)
- Capacity savings = (\$5.70 / kW-mo)
- Net Savings from Project (\$12.26 / kW-mo)

Project Plan

- Project will be formed on or about November 1, 2018
- Project Participants will be based on executed power sales contracts received by that date
- Participants will decide on order of sites to be installed by June 1, 2019
- Participants will be added to Project on or about March 1, 2019 based on additional executed power sales contracts received
- Participants will decide on order of sites to be installed by December 1, 2019
- Additional Participants may be added with approval of the Participants

Project Plan (continued)

- Demand Response revenue will begin on June 1, 2019
 - For units installed by June 1, 2019
- Transmission peak shaving revenue will begin on Jan 1, 2020
 - For units installed by June 1, 2019
- Capacity peak shaving revenue will begin on June 1, 2020
 - For units installed by June 1, 2019
- Demand response revenue will begin on June 1, 2020
 - For units installed by June 1, 2020
- Transmission peak shaving revenue will begin on Jan 1, 2021
 - For units installed by December 1, 2019 and June 1, 2020
- Charges to members will be staggered to coincide with revenues

Near-Term Next Steps

- | | |
|---|---------------------|
| • AMP/PowerSecure to perform site evaluations | June – August, 2018 |
| • PowerSecure to develop site proposals | July - Sept, 2018 |
| • End subscription process(Stage I) | November 1, 2018 |
| • Execution of lease and interconnection agreements | November 10, 2018 |
| • Notice to Proceed to PowerSecure | November 10, 2018 |
| • End subscription process (Stage II) | March 1, 2019 |
| • Construction (Stage I) Completion* | May 31, 2019 |
| • Construction (Stage II) Completion* | November 1, 2019 |
- * Construction is to start once subscription has been complete

Pertaining to AMP Contract No.

(ORDINANCE OR RESOLUTION) NO. _____

**TO APPROVE THE FORM AND
AUTHORIZE THE EXECUTION OF A POWER SALES CONTRACT WITH
AMERICAN MUNICIPAL POWER, INC. AND
TAKING OTHER ACTIONS IN CONNECTION THEREWITH
REGARDING PARTICIPATION IN THE
AMP R.I.C.E. PEAKING PROJECT**

WHEREAS, the _____ of _____,
("hereinafter Municipality") owns and operates an electric utility system for the sale of electric power and associated energy for the benefit of its citizens and taxpayers; and

WHEREAS, in order to satisfy the electric power and energy requirements of its electric utility system, Municipality has heretofore purchased, or desires to do so in the future, economical and reliable power and energy from, or arranged by, American Municipal Power, Inc. (hereinafter "AMP"), of which Municipality is a Member; and

WHEREAS, Municipality, acting individually and, along with other municipalities which own and operate electric utility systems, jointly, endeavors to arrange for reliable, reasonably priced supplies of electric power and energy for ultimate delivery to its customers; and

WHEREAS, it is efficient and economical to act jointly in such regard; and

WHEREAS, AMP is an Ohio nonprofit corporation, organized to own and operate facilities, or to provide otherwise, for the generation, transmission or distribution of electric power and energy, or any combination thereof, and to furnish technical services on a cooperative, nonprofit basis, for the mutual benefit of its Members, such Members, including the Municipality, being, and to be, political subdivisions of their respective states that operate, or whose members operate, electric systems in, as of the date of adoption hereof, Delaware, Indiana, Kentucky, Maryland, Michigan, Ohio, Pennsylvania, Virginia and West Virginia; and

WHEREAS, each of the Members owns and operates its electric system for the benefit of its customers; and

WHEREAS, certain of the Members, including the Municipality, have determined it requires additional, long-term sources of reliable, environmentally sound and reasonably priced electric capacity and energy and has requested that AMP arrange for the same; and

WHEREAS, in furtherance of such purpose, Municipality, along with other Members (collectively "Participants") request and AMP agrees and intends to finance, construct, operate and own certain reciprocating internal combustion engine systems, to be known collectively as the American Municipal Power R.I.C.E. Peaking Project (as hereinafter defined, "AMP R.I.C.E. Peaking Project"); and

WHEREAS, AMP has resolved, in accordance herewith, to develop, including, as appropriate, the financing, acquisition, construction, ownership and operation of, and arrangements for the acquisition, financing, payment and prepayment of fuel for, its ownership interest in the AMP R.I.C.E. Peaking Project (the "Project") as well as other arrangements related thereto, which AMP and, in certain cases, the Participants, deem necessary to enable AMP to fulfill its obligations hereunder to sell and transmit, or otherwise make available, electric capacity and energy to the Participants pursuant to the AMP R.I.C.E. Peaking Project Power Sales Contract (hereinafter "PSC"); and

WHEREAS, in order to obtain such sources of electric capacity and energy, the Participants are willing to pay AMP for their respective rights to such electric capacity and energy and transmission service at rates that are sufficient, but only sufficient, to enable AMP to (i) recover all costs and expenses incurred with respect to, and arrangements for the acquisition, financing, payment and prepayment of fuel for, the Project as set forth herein, all other Power Sales Contract Resources obtained by AMP to supplement the Project, and related service arrangements undertaken by AMP to enable it to fulfill its obligations hereunder, and (ii) recover any other expenditures or revenues authorized hereunder.

NOW, THEREFORE, BE IT ORDAINED [RESOLVED] BY THE COUNCIL
[BOARD OF PUBLIC AFFAIRS] OF THE _____ OF _____,
_____:

SECTION 1. That the PSC between Municipality and AMP, substantially in the form attached hereto as Exhibit 1 [or on file with the Clerk] including Appendices thereto is approved, and the (title of officer, e.g. Mayor, Manager or Director of Public Utilities) of Municipality is hereby authorized to execute and deliver such Power Sales Contract, with such changes as the (title of officer) may approve as neither inconsistent with this [ordinance or resolution] nor materially detrimental to the Municipality, his or her execution of the PSC to be conclusive evidence of such approval.

SECTION 2. That the (title of officer) is hereby authorized to acquire on behalf of the Municipality, as a Participant, as defined in the PSC, Power Sales Contract Resources (hereinafter "PSCR Share"), as defined in the PSC, without bid, from AMP and to execute and deliver any and all documents necessary to become a Participant in the AMP R.I.C.E. Peaking Project pursuant to the conditions set forth herein and in the PSC and to carry out its obligations thereunder.

SECTION 3. That it is further acknowledged and understood that because the Participants will finalize the precise PSCR Share to be acquired by each Participant electing to enter into the PSC after all such Participants execute and deliver the PSC, the (title of officer) in connection with the execution and delivery of the PSC, is authorized and directed to determine and acquire Municipality's PSCR Share (not taking into account the Step-Up as defined in the PSC), of up to a nominal amount of _____ kilowatts, after consultation with AMP and the other Participants regarding the PSCR Share available pursuant to said PSC, such PSCR Share to be set forth in Appendix A of the PSC, such determination as to such PSCR Share being conclusively evidenced by the adoption of Appendix A to the PSC, as authorized therein.

SECTION 4. That the (title of officer) of this Municipality, as a part of such officer's official duties, is hereby appointed as Municipality's representative for any meetings or determinations of the Participants or the Participants Committee pursuant to the PSC and is authorized and directed, acting for, in the name of and on behalf of

this Municipality, to vote Municipality's PSCR Share with regard to any determinations regarding the AMP R.I.C.E. Peaking Project as set forth in the PSC.

SECTION 5. That the (title of officer) may appoint, in writing from time to time as necessary, another representative of the Municipality as his or her alternate to carry out the duties set forth in Section 4 hereof.

SECTION 6. That it is found and determined that all formal actions of this Council [Board] concerning and relating to the passage of this [ordinance or resolution] were taken in an open meeting of this Council [Board] and that all deliberations of this Council [Board] and of any committees that resulted in those formal actions were in meetings open to the public, in compliance with all legal requirements.

SECTION 7. If any section, subsection, paragraph, clause or provision or any part thereof of this [ordinance or resolution] shall be finally adjudicated by a court of competent jurisdiction to be invalid, the remainder of this [ordinance or resolution] shall be unaffected by such adjudication and all the remaining provisions of this [ordinance or resolution] shall remain in full force and effect as though such section, subsection, paragraph, clause or provision or any part thereof so adjudicated to be invalid had not, to the extent of such invalidity, been included herein.

SECTION 8. That this [ordinance or resolution] shall take effect at the earliest date allowed by law.

[Please contact AMP's Assistant Deputy General Counsel, Michael Kyser, at 614-540-0984 or via email at mkyser@amppartners.org to discuss any changes to this draft.)

Electric Department Report Sept. 2018

There were 9 outage callouts, 2 fire callouts, 1 gas leak callout and 1 water main break callout to perform locates.

Linemen /Service Truck: Crews rebuilt a pole line on Rd C in Fulton County. Crews worked on a rebuild on Short Street. Crews performed shut-offs for our billing department. Crews installed a replacement overhead to underground service on Garden Street. Three of the crew attended an equipment show in Columbus. Crews cleaned the shop and performed maintenance on trucks. Crews installed new service for JAC spec building. Linemen installed a new URD on Road M-1. Crews replaced a 3 phase pole on West Maumee west of Daggett Street. Linemen performed URD repair on Bordeaux. Crews straightened and replaced poles on Road U. The serviceman performed locates, light replacement and repairs, meter maintenance and completed work orders.

Substation Crews: Substation personnel performed monthly substation and generator checks. They are also assisting with writing a operating/maintenance agreement with AMP Inc. for Northside substation 138KV assets. They are also working with Grid Force to install new communication equipment at Northside substation. They have also been mowing Substations and testing infrastructure at Southside substation.

Tree Crew: They have been trimming and cutting trees on Short Street, Beckham Street, West Maumee, Wastewater signage along river to help Wastewater meet EPA requirements for visible signage, Road S, Road 11, Daggett Street, Rohrs, South Perry and East Riverview.

Storeroom/Inventory/Meter Reading: Shawn read meters, obtained inventory quotes, ordered inventory, cleaned and organized inventory. Mowed grass at Service building and helped crews as needed in field.

The **Peak Load** for **September** was 29.43 MW occurring on September 4th at 7:00 PM. This was an increase of .96 MW compared to September 2017. The JV2 ran for 2 days and produced 3.62 MW. The turbines ran 5 separate days and produced 752.51 MW.

AMP Solar Field:

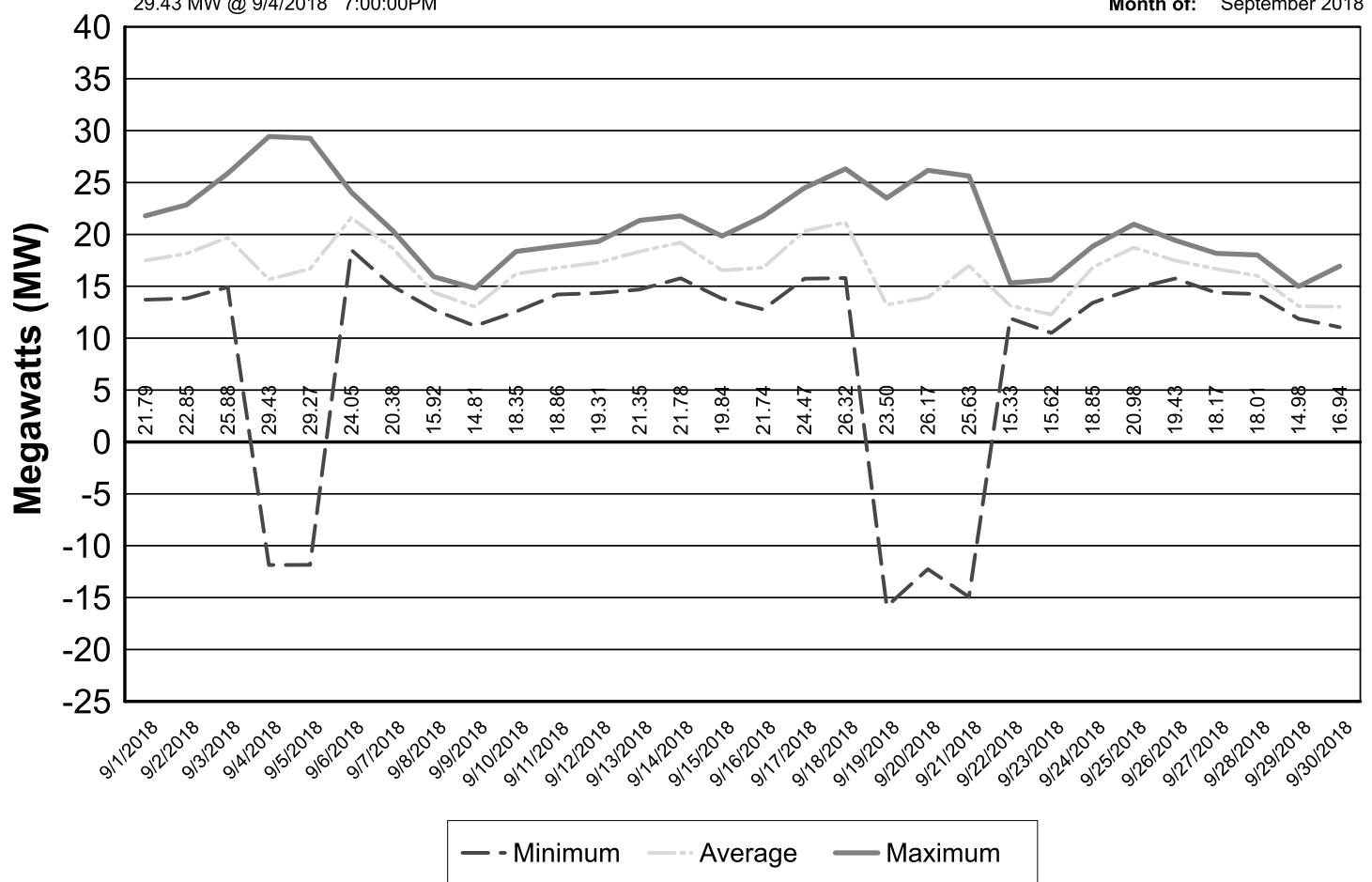
The Amp Solar field produced 397.5 MW

Napoleon Power & Light

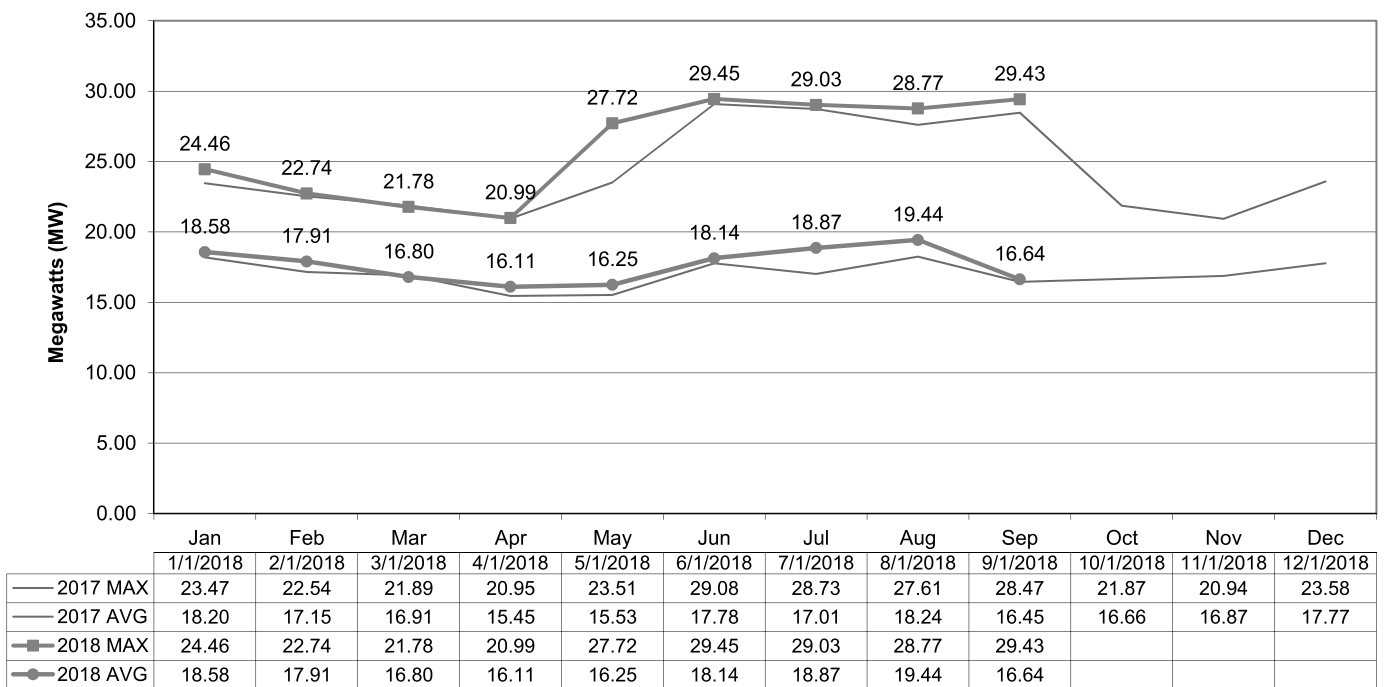
System Load

Peak Load:
29.43 MW @ 9/4/2018 7:00:00PM

Month of: September 2018



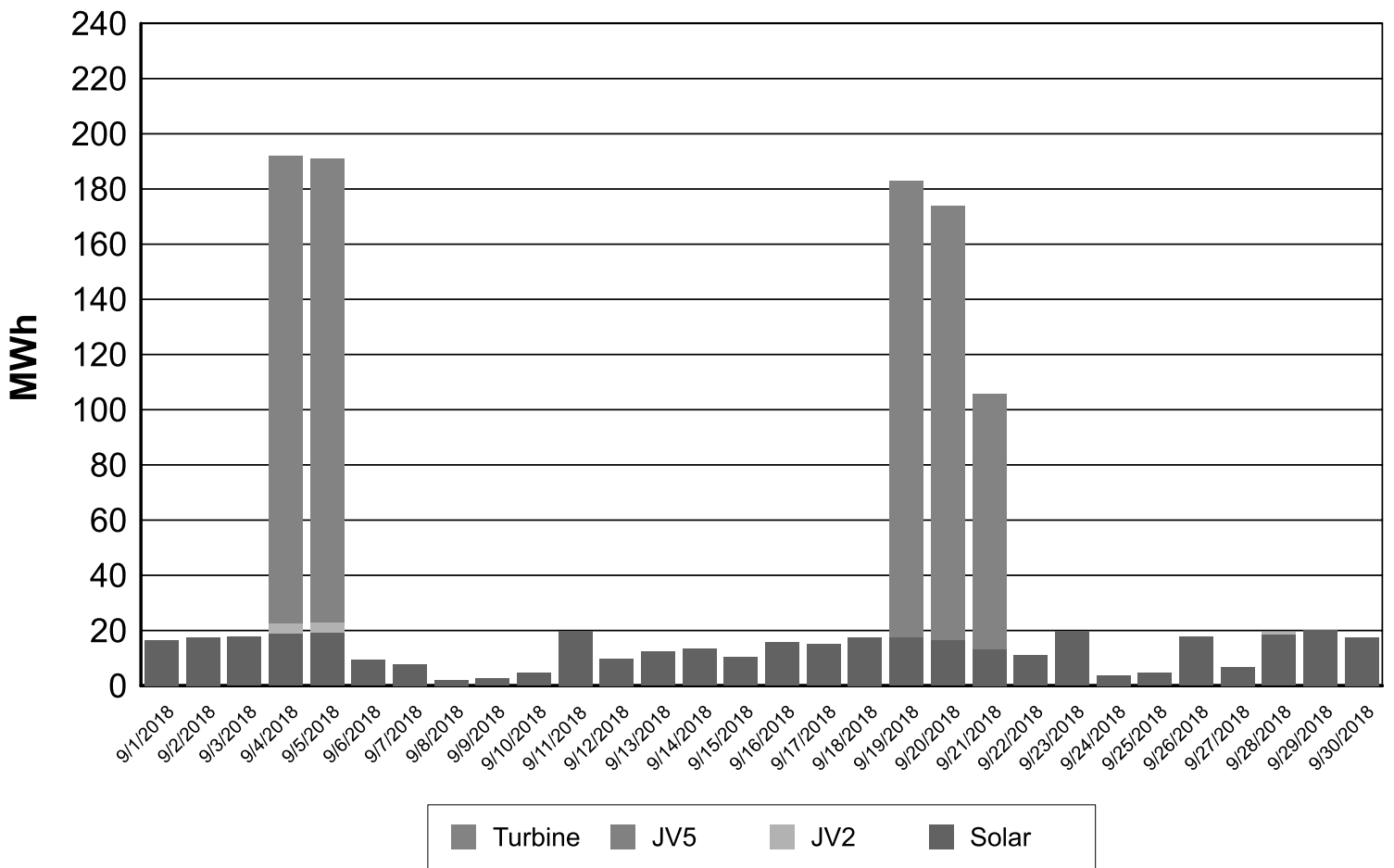
NAPOLEON POWER & LIGHT



— 2017 MAX — 2017 AVG ■ 2018 MAX ● 2018 AVG

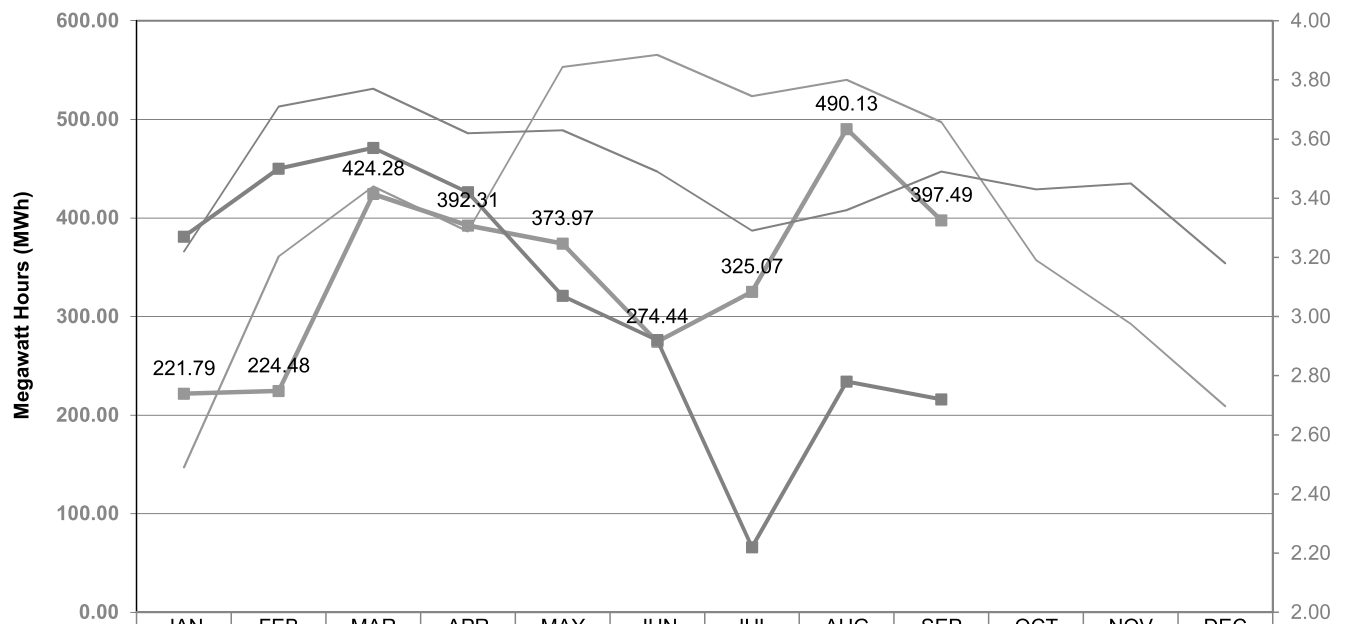
Napoleon Power & Light

Daily Generation Output



NAPOLEON POWER & LIGHT

Solar Field Output Trend

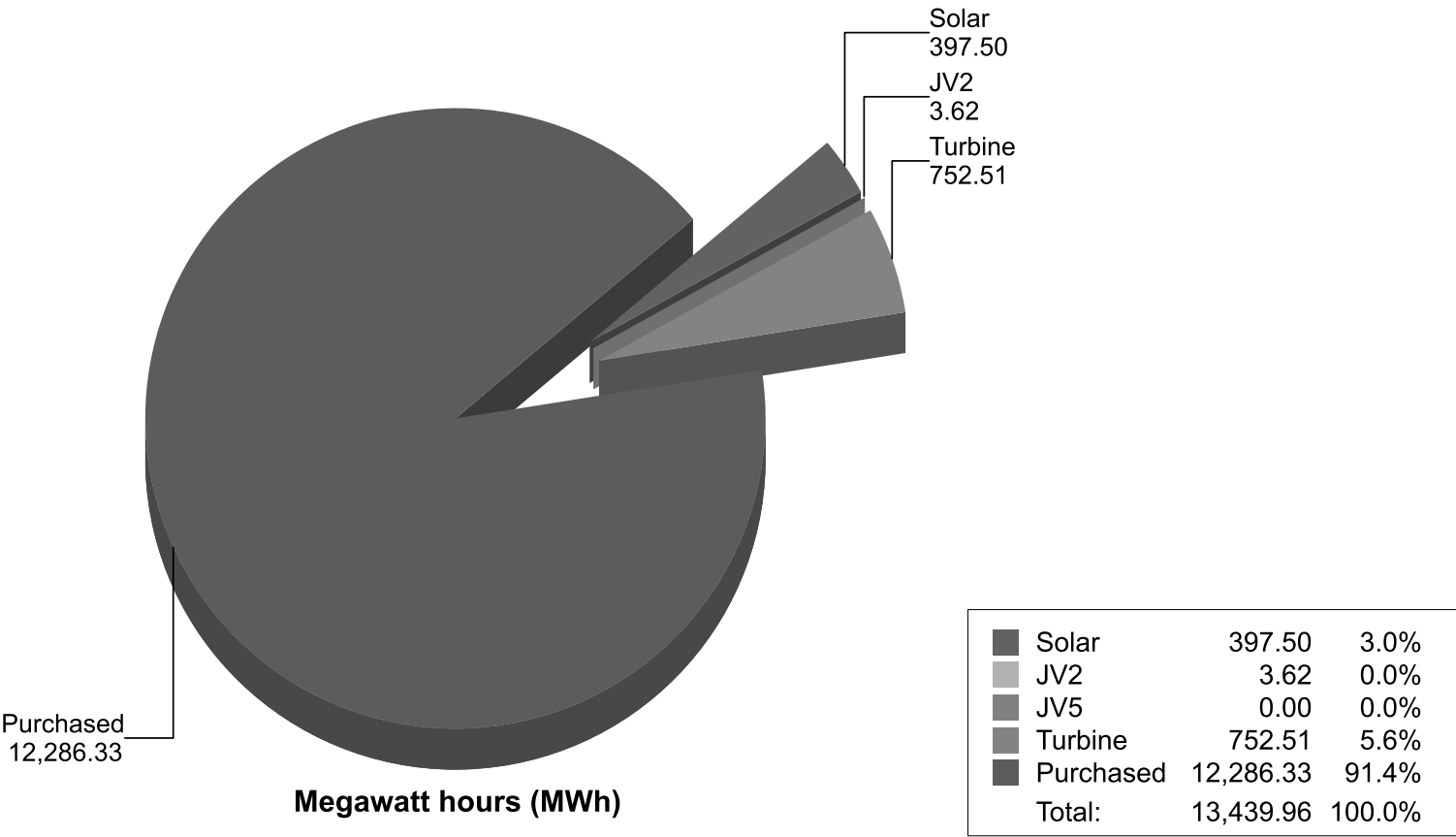


| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| — 2017 MWh | 146.99 | 360.92 | 432.07 | 386.27 | 553.08 | 565.44 | 523.55 | 540.21 | 497.27 | 357.21 | 292.51 | 208.94 |
| ■ 2018 MWh | 221.79 | 224.48 | 424.28 | 392.31 | 373.97 | 274.44 | 325.07 | 490.13 | 397.49 | | | |
| — 2017 PEAK | 3.22 | 3.71 | 3.77 | 3.62 | 3.63 | 3.49 | 3.29 | 3.36 | 3.49 | 3.43 | 3.45 | 3.18 |
| ■ 2018 PEAK | 3.27 | 3.50 | 3.57 | 3.42 | 3.07 | 2.92 | 2.22 | 2.78 | 2.72 | | | |

Napoleon Power & Light

Power Portfolio

September 2018



City of Napoleon, Ohio

BOARD OF PUBLIC AFFAIRS

Meeting Agenda

Monday, October 08, 2018 at 6:15 pm

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

- 1) Approval of Minutes: September 10, 2018 (*In the absence of any objections or corrections, the Minutes shall stand approved*).
 - 2) Review/Approval of the Power Supply Cost Adjustment Factor for October 2018:
PSCAF – three (3) month averaged factor \$0.01451
JV2 \$0.027145
JV5 \$0.027145
 - 3) Status of Transmission Ownership.
 - 4) AMP Peak Shaving Project.
 - 5) Electric Department Reports.
-
- 6) Water Rate Study Update (*with the Water & Sewer Committee*).
 - 7) Yard Waste Site (*with the Water & Sewer Committee*)
 - 8) Any other matters to come before the Board.
 - 9) Adjournment.



Gregory J. Heath
Finance Director/Clerk of Council

City of Napoleon, Ohio

WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE
MEETING AGENDA

Monday, October 08, 2018 at 7:00 pm

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

- 1) Approval of Minutes: September 10, 2018. *(In the absence of any objections or corrections, the Minutes shall stand approved).*
- 2) Water Rate Study Update. *(with BOPA)*
- 3) Yard Waste Site. (Tabled)
- 4) Discussion Regarding Water Treatment Plant Solids Management.
- 5) Any other matters currently assigned to the Committee.
- 6) Adjournment.



Gregory J. Heath
Finance Director/Clerk of Council

WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE

Meeting Minutes

Monday, September 10, 2018 at 7:00 pm

PRESENT

Committee Members
BOPA Members
City Manager
Finance Director
Recorder/Records Clerk
City Staff
Others

Jeff Comadoll-Chair, Travis Sheaffer, Lori Siclair
Dr. David Cordes, Mike DeWit, Rory Prigge
Joel L. Mazur
Gregory J. Heath
Roxanne Dietrich
Dave Pike, WWTP Superintendent
NW Signal

ABSENT

Call to Order

Chairman Comadoll called the Water, Sewer, Refuse, Recycling and Litter Committee to order at 7:00 pm.

Approval Minutes

Hearing no objections or corrections, the minutes of August 13, 2018 stand approved as presented.

Motion to Untable 2017 Sewer Rate Study

Motion: Siclair
to untable the 2017 Sewer Rate Study. Second: Sheaffer

Passed
Yea-3
Nay-0

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

Water Rate Study

Heath said the water rate study is not on tonight's agenda, John Courtney will be at the next meeting to give an update on the water rate study. DeWit asked if the study is just being started or is it completed? Heath replied John Courtney is updating the information with the finalized debt issues, we have not given him any information on projected operational costs. Mazur noted it is difficult to have operational costs at this time, the water rate study is not on the agenda, I don't know how much detail you want. DeWit commented either you get more data or delay the reports why update the study with bad data. Dr. Cordes added if you delay the study it will not cost us money and we will have better numbers and results. Mazur noted he will look at operating costs, we are not going to discuss this matter further until it is on the agenda.

Sewer Rate Study

Comadoll stated let's get to what is on our agenda, the Sewer Rate Study. Heath said you did not increase rates in 2018 as recommended, the proposed sewer rates and I repeat these rates did not include major capital items just the base operational costs, with the recommendation of a 5% overall revenue increase for each year, I'm telling you there is commodity and capacity charges and we are not changing the capacity charge. We are down 5% going into 2019, I would assume you will implement rates for 2019 as listed. You can recommend that this study be taken back to Courtney with another year's

worth of data and he can update. Mazur said on the sewer side we are 65% higher than the Ohio average. We had a primary digester break at the WWTP, to make the necessary repairs and put the digester back together will be costly we have \$250,000 for a secondary digester repair, we are looking to use these funds to help cover repair of the digester. Pike added the digester is part of the overall rehab but we did not plan on doing it until 2020. Mazur noted first we have to have someone come in to diagnosis the issue then someone will have to come in and fix it. DeWit said it is money you would have spent anyways, you are just changing the way you are spending due to a forced repair. Mazur said a lot of equipment at the WWTP is at its end of life. Sheaffer asked if there is a plan setup for all the facilities of the city for police, fire, this building to know what the end of life is. DeWit said even in the industry world there is the same problem, they cannot afford to fix old plants you wait until it tires out. Sheaffer asked if there are any grant programs available through the state? DeWit asked what it will cost us to bring the WWTP up to speed? Mazur replied as of right now \$8 million dollars. Pike added that is for Phase One. Mazur said I would recommend to get ahead we address the rates incrementally rather at once. Prigge added right now we are looking at one year. Mazur said we can do one year and revisit every year as we go through the process to see how the Long Term Control Plan will affect rates and what the WWTP costs will be.

Motion to Retable Sewer Rate Study

Motion: Sheaffer Second: Siclair
to retable Sewer Rate Study.

Passed
Yea-3
Nay-0

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

DeWit stated we need to fix revenue, later we can decide how to mix and match. Prigge added the next year we can work on correcting the equity between residential vs industrial and readjust the rate.

BOPA Motion to Increase Revenue by 5% at the 2018 Rate Levels Recommended by Courtney & Assoc.

Motion: DeWit Second: Prigge
to increase revenue by 5% at the 2018 rate levels recommended by Courtney & Associates in their 2017 Sewer Rate Study for One Year.

Passed
Yea-3
Nay-0

Roll call vote on the above motion:
Yea-Dr. Cordes, Prigge, DeWit
Nay-

Motion to Untable Sewer Rate Study

Motion: Sheaffer Second: Siclair
to untable sewer rate study.

Passed
Yea-3
Nay-0

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

Motion to Adjourn

Passed
Yea-3
Nay-0

Approved:

Jeff Comadoll, Chairman



City of *NAPOLÉON*, Ohio

255 West Riverview Avenue • P.O. Box 151
Napoleon, Ohio 43545-0151
Phone: (419) 592-4010 • Fax: (419) 599-8393
Web Page: www.napoleonohio.com

Memorandum

Mayor
Jason Maassel

Members of Council

PRESIDENT:
Joseph Bialorucki

**PRESIDENT PRO-
TEM:**
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*Public Works
Director*
Chad E. Lulfs, P.E., P.S.

To: *Members of Napoleon City Council
Board of Public Affairs*

From: *Joel L. Mazur, City Manager
Billy D. Harmon, Law Director*

Date: *October 3, 2018*

RE: *Proposed Yard Waste Site Policy Changes*

As we discussed in regularly scheduled meetings, the Henry County Commissioners have ceased paying \$4,100 annually to the City of Napoleon to allow residents to dispose of yard waste at the City Yard Waste Site. Below is a generalization of policies to address allowing only residents to dispose of yard waste at the yard waste site:

- Only City residents and select businesses that pay a fee to dispose of yard waste will be permitted to dispose of yard waste at the Yard Waste Site.
- If a person other than a resident is disposing of yard waste at the Yard Waste Site for a resident, the individual must provide proof that the yard waste being disposed of is from a resident's address.
- A business that does not already pay the refuse fee on the utility bill may be permitted to disposed of yard waste at the Yard Waste Site if they contact the City Utility Department and elect to pay \$5 per month for unlimited use of the Yard Waste Site.
- Non-residents or businesses caught disposing of yard waste at the Yard Waste Site may be cited for "Unauthorized Use of the City Yard Waste Site" under proposed new Ordinance Section 925.24. The prohibition would read as follows:
 - No person or business entity with a physical address, street address, residential address, or business address outside the corporate limits of the City of Napoleon, Ohio, shall utilize or in any way make use of the City of Napoleon Yard Waste Site without prior written approval by the City Manager.
 - The lack of notice of restricted access, posted or otherwise, is not a defense to this section.

- Pursuant to already established Ordinance Section 925.99 a violation of the proposed prohibition would be a minor misdemeanor punishable by a fine of up to \$150.00.
- The Yard Waste Site will only be open from dawn until dusk, which are the same hours as the City Parks.
- A sign will be placed near the entrance of the Yard Waste Site identifying these policies.
- All individuals disposing of yard waste at the Yard Waste Site are subject to having their identification checked when disposing of yard waste.

City of Napoleon, Ohio

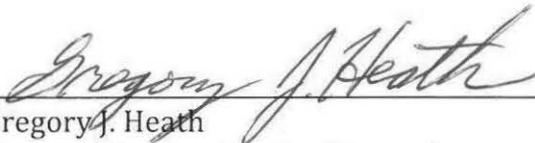
**MUNICIPAL PROPERTIES, BUILDINGS, LAND USE, AND ECONOMIC DEVELOPMENT
COMMITTEE**

MEETING AGENDA

Monday, October 08, 2018 at 7:30 pm

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

- 1) Approval of Minutes: *(In the absence of any objections or corrections, the Minutes shall stand approved)*
- 2) Grant Opportunity to Move Truck Traffic Off Perry Street/St. Rt. 108. [Tabled]
- 3) ODOT TAP Grant Program Award.
- 4) Any other matters currently assigned to the Committee.
- 5) Adjournment.



Gregory J. Heath
Finance Director/Clerk of Council

MUNICIPAL PROPERTIES, BUILDINGS, LAND USE, AND ECONOMIC DEVELOPMENT COMMITTEE

MEETING MINUTES

Monday, September 10, 2018 at 7:30 PM

PRESENT

Members:
City Manager
Finance Director
Recorder/Records Clerk
City Staff
Others

Lori Siclair-Chair, Jeff Mires, Joseph D. Bialorucki, Mayor Jason Maassel
Joel L. Mazur
Gregory J. Heath
Roxanne Dietrich

Northwest Signal

ABSENT

Call to Order

Chairman Siclair called the Municipal Properties, Building, Land Use and Economic Development Committee meeting to order at 8:41 pm.

Approval of Minutes

Hearing no objections or corrections, the minutes from the August 13, 2018 meeting stand approved as presented.

Move Truck Traffic Off Perry St/SR 108 Grant Opportunity

Mazur explained there is a grant opportunity to move forward with moving the truck traffic off Perry Street. This is a small cities grant that is funded 95%/5% for construction through the state. Any design and environmental work would be a local cost, the deadline to apply is March 1, 2019. To move the truck traffic off of Perry Street it will probably be recommended a roundabout be put in at Scott and Riverview. Patrick McColley from ODOT spoke to Rotary and explained roundabouts do not decrease accidents but they do decrease the severity of the accidents. We do have a purchase order with Mannik and Smith to move forward with a traffic study that is required, with the application with roundabout and everything the total project cost would be about \$1.5-\$2million dollars. Siclair suggested to wait and see what happens with the truck traffic after the second bridge goes in. Mazur replied, the traffic count is a big part of the grant, the second river bridge would decrease the traffic count. Maassel commented, if you have a \$8,000 grant typically the state wants you to use all the funds, my concern is if we have to pay 20% of the \$2 million project that is \$400,000 to fix a problem that we may not have in 2020. That is a lot of money that can be spent around town on the miscellaneous streets and annual resurfacing projects that we have been pushing off, are there other projects in town the 95%/5% grant can be used for, such as Oakwood Avenue. Mazur said we can look into that. Maassel added there has to be other places to make better use of grant dollars. To get a roundabout to fit at Scott Street and Riverview would bleed into the central school parking lot and Lions Recycling Area, that is a pretty dramatic change. Bialorucki asked if there many accidents at that intersection now? Mazur said there are more accidents at the other intersection. Mazur asked if the

Motion to Table Until Next Month

Passed
Yea-4
Nay-0

Grant Opportunity Downtown Revitalization

Motion to Move Forward with Grant Application

Passed
Yea-4
Nay-0

Any Other Matters

Motion to Adjourn

Passed
Yea-4
Nay-0

Date Approved:

October 08, 2018

Lori Siclair - Chair

Ohio Department of Transportation

INTER-OFFICE COMMUNICATION



TO: Governance Board
FROM: Jennifer Townley, Deputy Director, Division of Planning
SUBJECT: Recommendations for ODOT TAP Funds
Date: Monday, July 16, 2018

ODOT's Office of Local Programs is **requesting approval to award \$15.4 million in Transportation Alternatives Program (TAP) funds**. The funding will cover construction between SFY 2020, 2021 and 2022.

The Transportation Alternatives Program is designed to fund projects in counties, cities, townships and villages that are not located inside a Metropolitan Planning Organizations (MPO). ODOT accepts TAP applications annually starting in March and ending in May. These funding requests are reviewed by multi-disciplinary committees at both the District Offices and Central Office. Committee members include:

Andrea Stevenson, Office of Local Programs
Jeff Peyton, Office of Local Programs
Nichole Wade, Office of Local Programs
Jeff Shaner, Office of Local Programs
Tom Barrett, Office of Environmental Services
Caitlin Harley, Office of Program Management

The committee also includes district staff led by the District LPA Managers:

Lori Brinkman, District 1
Randy Comisford, District 5
Alan Craig, District 10

With the 2018 TAP solicitation, ODOT received 56 applications requesting just under \$48 million in TAP funds with a total construction value of \$63 million. ODOT's TAP Program is currently funded at \$11 million annually.

Projects were selected based on a scoring system as well as the project's ability to be delivered in the year funding is awarded, until the amount requested reaches the \$11 million program budget. Due to carry forward and projects missing their award date, this year TAP selected projects totaling \$568,800 for fiscal year 2020, \$3.37 million for fiscal year 2021 and \$11.41 million for fiscal year 2022. In addition to the scoring system, an analysis was performed comparing the amount of budget and carry forward remaining for each fiscal year to the funding amount requested by the project sponsor to ensure a financially balanced program.

The TAP program is continuing the use of Toll Revenue Credit (TRC) for the projects awarded funding in the 2018 program cycle. Those project sponsors wishing to utilize TRC to supplement their 20% share of the eligible construction costs may choose to do so. TRC will cover 15% of the project sponsor's share of eligible costs, leaving 5% for the project sponsor to pay. The funding amount for the recommended projects has been updated to reflect the amount requested plus 15% TRC.

Recommended Projects

| District | SFY | Project Sponsor | Project Name | Project Description | Awarded Funding |
|----------|------|----------------------|--|--|-----------------|
| 1 | 2021 | City of Defiance | Cleveland Avenue Multi-Use Path | This project involves constructing non-motorized facilities along the south side of Cleveland Avenue in the city of Defiance between a previously installed Safe Routes to School project and an upcoming roundabout intersection improvement which also includes non-motorized facilities. | \$396,311 |
| 1 | 2021 | City of Findlay | Blanchard River Greenway Extension | This project will begin at the existing trail head located on East Main Cross Street and Bright Road. The proposed trail will tie into the trail at the Hancock Park District's Eastpoint Area and will proceed east under the Bright Road overpass. | \$1,250,000 |
| 1 | 2022 | City of Van Wert | Rotary Soccer Park Trail | Paving of 2,360 feet of existing, overgrown aggregate path through the Rotary Soccer Park, as well as 540 feet of new asphalt trail along the parking lot to end directly across the lot from the path to John Brown Road. | \$638,080 |
| 1 | 2022 | Village of Beaverdam | Decorative Lighting along Old Lincoln Highway/US 30 | The project will consist of installing 23 new decorative street lights in Beaverdam, Ohio along historic "Old Lincoln Highway"/US 30/ Main Street. The new street lights will begin East of the Norfolk & Western Railroad and continue East to Church Street. The overall project length would be 2,000 feet. | \$254,678 |
| 1 | 2022 | Village of Oakwood | Removal/Replacement of Deteriorating Curbs and Sidewalks | The proposed project will include removal and replacement of existing deteriorating curbs and sidewalks on First Street from Celina Street near the school entrance to North Avenue at the Village Park, a distance of approximately 900 feet. The new sidewalks will be concrete, with a decorative ribbon of brick pavers to enhance the downtown aesthetically. | \$455,580 |
| 2 | 2022 | City of Napoleon | City of Napoleon Sidewalks and Multi-Use Path | The project involves constructing a mix of non-motorized facilities through the heart of the City of Napoleon to fill in current gaps found in existing sidewalk and multi-use path facilities. | \$750,000 |



City of Napoleon, Ohio

255 West Riverview Avenue, P.O. Box 151
Napoleon, OH 43545
Telephone: (419) 592-4010 Fax: (419) 599-8393
www.napoleonohio.com

Memorandum

To: Board of Zoning Appeals, City Council, Mayor, City
Law Director, City Manager, Department
Supervisors, Newsmedia
From: Gregory J. Heath, Finance Director/Clerk of *GA*
Council
cc:
Date: October 05, 2018
Subject: BZA – Cancellation

The regularly scheduled meeting of the Board of Zoning Appeals set for Tuesday, October 09, 2018 at 4:30 pm has been CANCELED due to lack of agenda items.



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Memorandum

To: Planning Commission, City Council, Mayor, City
Law Director, City Manager, Department
Supervisors, Newsmedia
From: Gregory J. Heath, Finance Director/Clerk of *GA*
Council
cc:
Date: October 05, 2018
Subject: Planning Commission – Cancellation

The regularly scheduled meeting of the Planning Commission for Tuesday, October 09, 2018 at 5:00 pm has been CANCELED due to lack of agenda items.



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Memorandum

To: Health Care Cost Committee, City Council, Mayor,
City Law Director, City Manager, Department
Supervisors, Newsmedia
From: Gregory J. Heath, Finance Director/Clerk of *GJH*
Council
cc:
Date: October 05, 2018
Subject: Health Care Cost Committee – Cancellation

The Health Care Cost Committee meeting scheduled for
Friday, October 12, 2018 at 9:00 am has been CANCELED due to lack of agenda items.



Jones receives Seven Hats Award

By Marc Gerken, P.E. - president/CEO

Tom Jones is the 2018 recipient of the AMP Seven Hats Award.

Jones serves as the executive borough secretary for the Borough of Berlin, a community of more than 2,200 in Somerset County, Pa. He first joined the Borough of Berlin in 2016, bringing 35 years of experience in the private sector in financial and senior executive management.

Jones exemplifies what this prestigious award signifies - a strong work ethic, dedication and expert project management skills. I was pleased to present this honor to him and thank him for his service to public power.

Jones performs his borough responsibilities with a steady work ethic. Through his attention to detail and his outstanding project management skills, Jones led the borough's Interactive Distribution Generation (IDG) Project to completion, while securing approximately \$200,000 in savings over the approved contracted installation price.

Borough of Berlin Mayor Joseph Krause noted that, "Jones' ability is what got the IDG project done over what seemed to be insurmountable odds."

As executive borough secretary, Jones manages the Berlin Municipal Electric System, the Public Works Department, the Refuse Collection System and is manager of the administrative staff and offices. The

municipal electric system serves approximately 1,150 residential, commercial and industrial customers.

In addition to his borough responsibilities, Jones is involved in the community. Jones serves as vice president of the Somerset County Boroughs Association; serves on the Somerset County Tax Collection Committee; and acts as liaison for the Borough with residents, businesses, civil organizations, schools and other government entities.

The AMP Seven Hats Award, modeled after the national American Public Power Association's Seven Hats Award, was initiated in 1984 to recognize utility managers who serve smaller communities of less than 2,500 meters, and whose management duties extend well beyond the scope of a manager in a larger system. Award winners show skill in seven areas: planning and design, administration, public relations, field supervision, accounting, personnel or employee direction, and community leadership.

Please join us in congratulating Tom.

AMP awards recognize member utilities and officials

By Marc Gerken, P.E.

Member utilities and officials were recognized at the 2018 AMP/OMEA Annual Conference through the AMP awards program.

Board members who were recognized for service and completion of the current term are:

- Kevin Maynard, Bryan
- Jeff Brediger, Orrville
- Kevin Brooks, Montpelier
- Doug McMillan, Oberlin

Communities that were honored with AMP awards include:



Finance Awards

- Highest Credit Score Population more than 5,000 - Westerville with a score of 100 percent
- Highest Credit Score Population less than 5,000 - Holiday City with a score of 94 percent
- Most Improved Credit Score - Hubbard with a 48 percent improvement
- Financing of the Year Population more than 5,000 - Wapakoneta for the two new substations, upgraded metering and transmission line projects financed through AMP
- Financing of the Year Population less than 5,000 - Philippi for upgrades to their main substation and distribution system, system repairs and vehicle purchases

Innovation Awards

- Borough of Berlin for Berlin Interactive Distributed Generation Project
- Borough of Ephrata for Solar Project Funding of Economic Development
- Honorable Mention: Cleveland Public Power for MyCPP - CPP's Online Consumer Engagement Program (mycpp.org)
- Honorable Mention: Cuyahoga Falls Electric System for the Sub 5 Upgrade
- Honorable Mention: Danville Utilities for the Online Customer Portal/Outage Map
- Honorable Mention: City of Hamilton for the Implementation of Unmanned Aircraft System (UAS)

System Improvement Awards

- Pioneer Municipal Utilities for the Circuit 20 Line Relocation
- Village of Wellington for the Erie Street Substation Project
- Dover Light and Power for the 69 kV West Circuit Project
- Cleveland Public Power for the Lake Road Substation Expansion
- Honorable Mention: Clyde Light and Power for the East Substation Upgrade
- Honorable Mention: St. Clairsville Light and Power for the Commons Mall Crossing Project
- Honorable Mention: Village of Versailles for the Circuit #2 - 12 kV Conversion Project
- Honorable Mention: Borough of Ephrata for the Advanced Meter Infrastructure Project
- Honorable Mention: Napoleon Power and Light for Recloser Replacement Project
- Honorable Mention: City of Shelby, Division of Electricity and Telecommunications for PSG-1 Project

- Honorable Mention: Danville Utilities for the Bridge Street Substation Upgrade
- Honorable Mention: City of Hamilton for the Relay Upgrade Project
- Honorable Mention: City of Wadsworth, Electric and Communications Department for the Seville Road Substation Power Transformers Project

Public Power Promotion Awards

- Cleveland Public Power for the CPP Intern to Apprentice Program
- Cuyahoga Falls Electric System for the 2018 Tree Power Project
- Dover Light and Power for promotion of Public Power Week
- City of Hamilton for the Customer Payment Portal

Electric System Sustainability Awards

- Cleveland Public Power for their Solsmart Bronze designation
- Dover Light and Power for their Over Fire Air Combustion
- Honorable Mention: Clyde Light and Power for their Downtown Lighting Project
- Honorable Mention: Danville Utilities for the Kentuck Solar Project
- Honorable Mention: Hillsdale Board of Public Utilities for the Engine #5 and #6 Upgrade
- Honorable Mention: City of Shelby, Division of Electricity and Telecommunications for the Progress Drive Generation Station
- Honorable Mention: St. Clairsville Light and Power for their Main Street Lighting Project
- Honorable Mention: Village of Yellow Springs for their 1 MW Solar Array

Members receive safety awards and commendations

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

On Sept. 26, AMP presented awards and commendations to a number of member communities during the 2018 AMP/OMEA Annual Conference Safety Awards. Safety awards are given to communities with no time loss due to reportable accidents or injuries.

In the **generation category**, awards were presented to Bryan Municipal Utilities, Dover Light and Power and the City of Hamilton.

In the **transmission and distribution category**, awards were presented to Berlin Electric Utility Department (MD), Cuyahoga Falls Electric System, Borough of Ephrata Electric Division, Village of Genoa, Haskins Electric, Village of Minster, City of Newton Falls Electric, Orrville Utilities, St. Clairsville Light and Power, City of Wapakoneta, City of Westerville and the Village of Yellow Springs.

Safety commendations for transmission and distribution were given to Bryan Municipal Utilities, Dover Power and Light, Napoleon Power and Light, and the Wadsworth Electric Department.

AMP Hard Hat Safety Award winners will be announced in their community and presented with an award at a later date. Member utilities with 2018 Hard Hat Award winners are: Bryan Municipal Utilities, Cleveland Public Power, Clyde Light and Power, Cuyahoga Falls Electric System, Dover Light and Power, Dover Light and Power - Generation, Borough of Ephrata Electric Division, City of Hamilton, Haskins Electric, City of Napoleon, Orrville Utilities, Philippi Municipal Electric, City of Shelby - Division of Electricity and Telecommunications, St. Clairsville Light and Power, Village of Versailles, City of Wadsworth, Village of Wellington and the City of Westerville.

Mutual Aid Commendations were given to: Arcanum Water and Light, Berea Municipal Utilities, Belin (MD) Electric Utility Department, Borough of Ephrata Electric Division, Bowling Green Municipal Utilities, Bryan Municipal Utilities, Celina Municipal Utilities, City of Cuyahoga Falls Electric System, City of Marshall Electric Department, City of St. Marys Municipal Electric System, City of Wadsworth Electric and Communications, Coldwater Board of Public Affairs, Deshler Municipal Electric, Hamilton Department of Electric, Hudson Public Power, Jackson Center Municipal Electric System, Minster Electric Department, Montpelier Municipal Utility, Napoleon Light and Power, Orrville Utilities, Paducah Power System, Pemberville Municipal Electric, Piqua Power System, Plymouth Municipal Electric, Tipp City Municipal Utilities, Village of New Bremen Utilities, Wapakoneta Electric Department and Westerville Electric Division.

Congratulations to all award winners and thank you for your dedication and service.

OMEA holds elections, names five honorary members

By Jolene Thompson - executive vice president of member services and external affairs/OMEA executive director

The Ohio Municipal Electric Association (OMEA) held its general membership meeting Sept. 26 during the 2018 AMP/OMEA Annual Conference and re-elected the communities of Cuyahoga Falls, Dover, Pioneer and Wadsworth to serve three year terms on the Board of Directors. The City of Cuyahoga Falls is represented by Mayor Don Walters; the City of Dover is represented by Mayor Richard Homrighausen; the City of Pioneer is represented by Mayor Ed Kidston; and the City of Wadsworth is represented by Mayor Robin Laughbaugh.



Additionally, the City of Painesville, represented by City Council President Paul Hach, and the City of Newton Falls, represented by Mayor Lyle Waddell, were elected to one year terms as ex-officio members of the OMEA Board.

Dover Mayor Richard Homrighausen, Wadsworth Mayor Robin Laughbaugh and Montpelier Mayor Steve Yagelski were re-elected to the executive committee.

The OMEA general membership selected five new honorary members:

- Bill Pepple, Bryan
- Mary Burns (deceased), Bryan
- Lyle Waddell, Newton Falls
- Jim Myers, Blanchester
- Dale Good, St. Marys

AMP holds elections for Board of Trustees

By Marc Gerken, P.E.

The AMP general membership held its annual meeting during the 2018 AMP/OMEA Annual Conference on Sept. 26. There were four expiring at-large seats on the 21-member AMP Board of Trustees. Members re-elected Bryan, Montpelier, Oberlin and Orrville to three year terms. Bryan is represented by Kevin Maynard, director of utilities; Montpelier is represented by Kevin Brooks, village manager; Oberlin is represented by Doug McMillan, utilities director; and Orrville is represented by Jeff Brediger, director of utilities.



Following the general membership meeting, the Board held its reorganizational meeting and elected Steve Dupee, Wellington village manager, as chair; Jeff Brediger, Orrville director of utilities, as vice chair; Robert Patrick, Wadsworth public service director, as secretary; and Pat McCullar, DEMEC president/CEO, as treasurer.

AMP projects, JVs hold elections

Leadership elections were held for AMP projects and joint ventures at the 2018 Annual AMP/OMEA Conference on Sept. 24-27. The election results are listed below.

Solar Phase 1: Joel Mazur, Napoleon, chair; Patrick McGowan, St. Marys, vice chair

JV6: Brian O'Connell, Bowling Green, chair; Michael Dougherty, Cuyahoga Falls, vice chair; Robert Patrick, Wadsworth, treasurer; Joel Mazur, Napoleon, secretary

JV5: Michael Dougherty, Cuyahoga Falls, chair; Brian O'Connell, Bowling Green, vice chair; Robert Patrick, Wadsworth, treasurer; Steve Dupee, Wellington, secretary

JV2: Joel Mazur, Napoleon, chair; Michael Dougherty, Cuyahoga Falls, vice chair; Jeff McHugh, Painesville, treasurer; Brian O'Connell, Bowling Green, secretary

JV4: Dawn Fitzcharles, Bryan, chair; Zach Dohner, Edgerton, vice chair; Kevin Brooks, Montpelier,

treasurer; Al Fiser, Pioneer, secretary

AFEC: Paul Beckhusen, Coldwater, chair; Ivan Henderson, Cleveland, vice chair

MESA: Robert Patrick, Wadsworth, chair; Jeff McHugh, Painesville, vice chair; Dawn Fitzcharles, Bryan, treasurer; Steve Dupee, Wellington, secretary

Hydro Phase I: Jeff Brediger, Orrville, chair; Steve Dupee, Wellington, vice chair

Hydro Phase II - Meldahl: Jim Logan, Hamilton, chair; Brian O'Connell, Bowling Green, vice chair

Hydro Phase II - Greenup: Jason Grey, Danville, chair; Brian O'Connell, Bowling Green, vice chair

Prairie State: Ed Krieger, Piqua, chair; Jeff Brediger, Orrville, vice chair

Solar Phase II: Brian O'Connell, Bowling Green, chair; Kimberly Schlichting, DEMEC, vice chair

FCC Small Cell Wireless Rules upend municipal pole exemption

Charles Willoughby - director of government affairs

The Federal Communications Commission (FCC) approved its Declaratory Ruling for small cell wireless pole attachments on Sept. 26. Commissioners voted 3-1, stating that they believe their rules are important steps to "remove regulatory barriers that inhibit the deployment of infrastructure necessary for 5G and other advanced wireless services." The final version of the order was released late Thursday and AMP and OMEA staff are reviewing in detail. Based on a draft released earlier this month, however, we remain concerned that the order effectively removes the exemption for municipalities and usurps local control over local infrastructure and the right of way.

The new rule limits what fees can be charged for wireless attachments and permits, superseding all potential negotiations and agreements on the true cost of developing and maintaining services in the public right of way. The rules also limit review periods for wireless developers planning to attach or build facilities in the public right of way. When the new rules take effect, local officials will have only 60 to 90 days to review installation requests and no authority to reject an application.

Over the past week, AMP and OMEA member communities sent letters to their representatives in Congress expressing their opposition to the FCC rule and a similar overreaching legislative proposal S. 3157 pending in the Senate. The APPA has also been working to oppose this FCC effort. The FCC rule is likely to receive legal challenges from state and local governments in the coming weeks.

We will provide additional information once the final order is reviewed in detail.

The documents are available for review here:

<https://www.fcc.gov/document/fcc-facilitates-wireless-infrastructure-deployment-5g>

<https://www.fcc.gov/document/fcc-streamlines-deployment-next-generation-wireless-infrastructure>

EV Lessons Learned document available

By Erin Miller - director of energy policy and sustainability

While electric vehicles (EVs) do not have a large presence on our roads and in our communities, new models and public acceptance are projected to increase significantly over the next 5-10 years. They present a load growth opportunity and potential liability if not managed properly. AMP member communities with EV experience have provided valuable lessons regarding EV adoption and management in the recently released "[Electric Vehicles: Lessons learned for public power systems](#)."

To learn more about AMP's Focus Forward initiative, EV adoption and management from other public power utilities, and to access helpful resources, visit the Electric Vehicles drop-down menu on the [Focus Forward](#) section of the [member extranet](#) (login required).





APPA launches Community Powered campaign; AMP provides ready-to-use content on member extranet

By Holly Karg - director of media relations and communications

The American Public Power Association (APPA) recently launched a national campaign, Community Powered, for public power communities to join from October through December of this year.

The Community Powered campaign offers an array of campaign strategies, tools and resources to help reach business and residential customers, governing body members, policymakers and other key influencers in your community.

Ideas for participation in the campaign include posting about the benefits of public power on your community's social media platforms and websites, remembering to use the #CommunityPowered hashtag; promoting the campaign web site across social channels and from your website, www.WeAreCommunityPowered.com; and planning one or more community activities to highlight the benefits of public power.

In addition to the APPA Community Powered campaign, AMP has easy-to-access content for members to use digitally.

Public Power week is Oct. 7-13. To help member communities spread word of the many benefits of public power, AMP has created content for your use. To access this content, visit the Public Power Connections page on the member extranet (login required).

Within the Public Power Connections page is a toolkit specifically prepared to help member communities highlight the many values of being a public power community. Along with the Benefits of Public Power toolkit, the Public Power Connections page houses other toolkits for member use, along with graphics that can be downloaded for your use at any time. If there are other topics you wish to see included on the Public Power Connections page, please reach out to me at hkarg@ampppartners.com.



Efficiency Smart webinars in October

By Steven Nyeste - communications project manager, Efficiency Smart

Efficiency Smart and AMP are offering three live webinars to discuss the benefits of participation in Efficiency Smart, real examples of how the program has impacted communities and their customers, as well as the nuts and bolts of how the program works.



We encourage you to attend a webinar if your community is interested in:

- Reducing your exposure to market variability and higher transmission and capacity costs

- Competing with neighboring IOU territories offering energy efficiency services to attract or retain businesses
- Helping your largest customers control their energy costs
- Increasing your customers' satisfaction with their utility services and community engagement
- The many additional benefits your community can realize through participation in Efficiency Smart

Everyone who pre-registers for a webinar and has verified attendance will be entered in a drawing to win a Nest Thermostat. Multiple representatives from a community are welcome to sign up and attend. To register, please click the webinar link with your preferred date and time below, and follow the registration instructions:

- Wednesday, Oct. 10, 11 a.m.-12:30 p.m. [Click here to register](#)
- Tuesday, Oct. 16, 8-9:30 a.m. [Click here to register](#)
- Thursday, Oct. 25, 3-4:30 p.m. [Click here to register](#)

If you have any questions about participation in Efficiency Smart or the upcoming webinars, contact Tom Coyle at tcoyle@efficiencysmart.org or 614.468.4924.

Energy markets update

By Jerry Willman - assistant vice president of energy marketing

The November 2018 natural gas contract increased \$0.076/MMBtu to close at \$3.056 yesterday. The EIA reported an injection of 46 Bcf for the week ending Sept. 21, which was below market expectations of 61 Bcf. Gas in storage now stands at 2,768 Bcf. This is 18 percent under the five-year average of 3,389 Bcf.

On-peak power prices for 2019 at AD Hub closed yesterday at \$37.38/MWh, which was \$0.20/MWh higher for the week.

| On Peak (16 hour) prices into AEP/Dayton hub | | | | |
|---|---------|---------|---------|---------|
| Week ending Sept. 21 | | | | |
| MON | TUE | WED | THU | FRI |
| \$45.92 | \$56.08 | \$53.56 | \$62.90 | \$51.96 |
| Week ending Sept. 14 | | | | |
| MON | TUE | WED | THU | FRI |
| \$36.28 | \$38.79 | \$36.89 | \$41.22 | \$46.01 |
| AEP/Dayton 2019 5x16 price as of Sept. 20 — \$37.18 | | | | |
| AEP/Dayton 2019 5x16 price as of Sept. 13 — \$36.60 | | | | |

AFEC weekly update

By Jerry Willman

The AMP Fremont Energy Center (AFEC) had a brief maintenance outage on CT2 Wednesday overnight, otherwise the plant was available for 2x1 operation for the week. The plant operated between base load and duct fire range during the peak hours. Duct firing operated for 125 hours this week. The plant generated at an 84 percent capacity factor (based on 675 MW rating).

Register now for Webinars

An internet connection and a computer are all you need to educate your staff. Individual webinars are \$99 or sign up for a series at a discounted rate. Register today at www.PublicPower.org under Education & Events. Non-members can enter coupon code **AMP** to receive the member rate.

- Raising Awareness of Public Power Series
#StopScams: Alerting and Educating Customers
Oct. 2
- Accounting & Finance Series
A Financial Health Checkup **Oct. 9**
- Raising Awareness of Public Power Series
Driving Engagement in the New Social Media
Landscape **Oct. 16**
- Raising Awareness of Public Power Series
Outage Communications:
Stepping Up Your Game **Oct. 30**



Classifieds

Members interested in posting classifieds in Update may send a job description with start and end advertisement dates to zhoffman@amppartners.org. There is no charge for this service.

City of Danville seeks applicants for director of Power & Light Division

The City of Danville, Va. Utilities Department is seeking applicants for the position of director for its Power & Light Division. The Power & Light director manages the overall operations of the city's electric system

that serves approximately 42,000 homes and businesses from 17 substations in a 500-square mile service territory covering all of Danville and portions of a three county area. The system peaks at 220 MW and delivers 1 billion kWh annually. Danville Power & Light owns a small 10 MW hydroelectric facility and purchases generation from various resources. The balance of power distributed is purchased on the wholesale market. The director supervises approximately 75 staff members responsible for generation, distribution, construction and maintenance, substation operations and maintenance, engineering and meter servicing. Strong management skills required. Work is performed under the general supervision of the director of utilities.

The city is seeking applicants with experience combined to be equivalent to a bachelor's degree in electrical engineering or business administration, and preferably has seven to nine years of experience in energy utilities with considerable management experience. Possession of or ability to obtain Certification as a Professional Engineer in the Commonwealth of Virginia is desirable. Salary range: \$79,356-\$124,589 based on qualifications and experience. The position will remain open until filled. Apply online at jobs.danvilleva.gov. Equal Opportunity Employer.

Borough of Wampum weeks applicants for open position

The Borough of Wampum is seeking applicants for a fulltime employee. The job requires a minimum two years of experience in water and wastewater, with certifications in both fields. Applicants must also have some experience in the electric line field. The applicant should have experience with machinery used in the day-to-day operation of the borough, i.e. backhoe, dump truck, bucket truck, etc., along with knowledge of road maintenance. A valid driver's license is required.

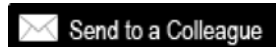
The job will pay an hourly salary plus benefits. The employment application can be found on the borough's website at www.wampumboro.com and should be submitted to the borough along with a resume. If applying in person, the borough office is located at 355 Main St. Ext., Wampum, PA 16157, and office hours are Monday-Friday 8 a.m. to 3:30 p.m. The mailing address for Wampum Borough is P.O. Box 65, Wampum, PA 16157. Wampum Borough is an equal opportunity employer.

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Legislative Bulletin

October 5, 2018

OML UPDATE AT-A-GLANCE

Here are the top three things you need to know from this past week:

- Gubernatorial candidates Richard Cordray (D) and Mike DeWine (R) took part in a second debate on Monday at Marietta College. Topics included algae blooms in Lake Erie, right-to-work and the Electronic Classroom of Tomorrow (ECOT). You can watch the debate in full [HERE](#).
- Ohio will be the recipient of approximately \$5.6 million from Uber in a settlement over a data breach in 2016, according to Attorney General Mike DeWine. The money is part of a \$148 million settlement payment nationally. Each Uber driver who applied to drive before November 2016 will receive a \$100 payment.
- *Forbes* magazine declared Columbus as the top rising city for start-up businesses in the nation. Cincinnati was ranked in sixth place on the same list.

NEW BILLS OF MUNICIPAL INTEREST

Here is a piece of legislation introduced this week that would have an impact on Ohio's municipalities:

- **HB 736 - TAX VOTES.** Sponsored by Rep. Brinkman (R - Cincinnati), would require certain subdivisions governed by a board comprised of at least one unelected official to obtain the approval of the legislative body that created the subdivision before levying a tax.

DETAILS RELEASED ON FCC'S RULING IMPACTING SMALL CELL WIRELESS INFRASTRUCTURE DEPLOYMENT

Last week, the League announced that the Federal Communications Commission (FCC) had issued a declaratory ruling and order that largely preempts how municipalities regulate the rollout of small cell wireless infrastructure, the actual ruling has been made public. You can read it [HERE](#).

The order effectively overrides sections of HB 478, a compromise that both municipal leaders and the telecommunications industry agreed upon that became law earlier this

year. Many of the provisions in HB 478 that allowed municipalities to provide for the safety of their communities as well as protect the aesthetics of their rights-of-way have been rendered obsolete.

One of the provisions that will prove difficult for most municipalities is the establishment of a "shot clock" regarding the processing of applications for small cell deployment on municipal infrastructure. If the infrastructure is existing, municipalities will only have 60 days to process applications from telecommunications companies. If new infrastructure must be constructed, that deadline only extends out to 90 days. For many local governments, this is not an adequate timeframe for processing applications - especially when they receive multiple applications from multiple telecommunications companies. HB 478 had established a shot clock that would change to accommodate a greater influx of applications from telecommunications companies. Under the new ruling, municipalities may find themselves without adequate staffing to meet the new deadlines.

Additional new provisions include limiting what a municipality can charge as an application fee. This new limit is substantially lower than what most municipalities charge currently. There are no provisions within the order that mandate telecommunication companies must extend services to unserved areas within a municipality's jurisdiction. This could make it difficult for municipalities to incentivize the closing of the existing and detrimental digital divide.

As new information becomes available regarding this order and ruling, we will make it available to our members.

OML PREPARES FOR ANNUAL CONFERENCE

The League's 2018 Annual Conference will be here before we know it! The conference will be taking place in downtown Columbus at the Renaissance Hotel from Wednesday, Oct. 31st through Friday, Nov. 2nd. Attendees will have the opportunity to hear from dynamic speakers, attend meaningful workshops and network with other municipal leaders from across the state. It is an incredible opportunity you don't want to miss!

Information about the Annual Conference, including the agenda, was sent out last month. Additionally, registration for the 2018 Annual Conference is now open - just click [HERE](#).

The Municipal Finance Officers Association of Ohio will be holding their Annual Conference concurrently with the League from Wednesday, October 31st through Thursday, November 1st. Attendees will participate in general sessions, round table discussions and workshops and will have access to the exhibitor's hall hosted by the League's Annual Conference. To register, click [HERE](#)

Vendor Information can be found [HERE](#)

IMPORTANT INFORMATION FROM OML'S BWC THIRD-PARTY PROVIDERS

CareWorksComp, the League's third-party BWC provider, has released a newsletter for the month of October detailing important deadline for estimated annual premiums, deferred payment options and applications. The newsletter also includes a helpful article detailing the difference between third-party administrators (TPAs) and managed care organizations (MCOs). To access this important newsletter, please click [HERE](#).

[Ohio Municipal League](#)

Legislative Inquires:
[Kent Scarrett, Executive Director](#)