

---

# Memorandum

---

:

*To:* Mayor and Members of City Council  
*cc:* City Manager, Finance Director, City Law Director  
*From:* Roxanne  
*Regarding:* General Information  
*Date:* September 07, 2018

## CALENDAR

### **MONDAY, SEPTEMBER 10, 2018**

1. **AGENDA-ELECTRIC COMMITTEE & BOPA at 6:15 PM**
  - a. Approval of Minutes
    - the minutes from the August 13<sup>th</sup> meeting are enclosed.
  - b. September 2018 PSCAF – the reports are attached.
  - c. Status of Transmission Ownership
  - d. Electric Department Reports - from August 2018 are enclosed.
2. **AGENDA-WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE at 7:00 PM**
  - a. Approval of Minutes –
    - a copy of the August 13<sup>th</sup> meeting minutes is attached.
  - b. 2017 Sewer Rate Study [Tabled] - *meeting with BOPA*
  - c. Yard Waste Site - *meeting with BOPA*.
  - d. Update on the Williams Pumping Station Project – the Project Fact Sheet for the Williams Pumping Station is enclosed.
3. **AGENDA-MUNICIPAL PROPERTIES, BUILDINGS, LAND USE & ECONOMIC DEVELOPMENT COMM. MEETING at 7:30 pm**
  - a. Approval of Minutes -
    - the August 13, 2018 meeting minutes are enclosed.
  - b. Grant Opportunity to Move Truck Traffic Off Perry Street/St. Rt. 108.
  - c. Grant Opportunity for Downtown Revitalization.

### **INFORMATIONAL ITEMS**

1. Agendas
  - a. Civil Service Commission Special Meeting/Tuesday, September 11<sup>th</sup> at 4:30 pm.
  - b. Planning Commission/Tuesday, September 11<sup>th</sup> at 5:00 pm.
2. Meetings Canceled
  - a. Board of Zoning Appeals
3. AMP Weekly Newsletter/August 31, 2018
4. Ohio Municipal League (OML) Legislative Bulletin/September 07, 2018.

Records Retention - CM-11 - 2 Years

<div> <div>◀ August</div> <div>SEPTEMBER 2018</div> <div>October ▶</div> </div>						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
2	3 LABOR DAY City Offices Closed	4 6:15 pm - Technology Committee 7:00 pm - City Council	5	6	7 9:00 am – Healthcare Cost Committee Meeting	8
9	10 6:15 pm - Electric Comm BOPA 7:00 pm - Water & Sewer Committee 7:30 pm - Municipal Properties/ED Committee	11 4:30 pm - Special Civil Service Commission 5:00 pm - Planning Commission	12	13	14	15
16	17 6:00 pm Tree Comm. Parks & Rec Comm. 7:00 pm – City Council	18	19	20	21 9:00 am - Healthcare Cost Committee Meeting	22
23	24 6:30 pm Finance & Budget Committee 7:30 pm Safety & Human Resources Comm.	25 4:30 pm Civil Service Commission	26 6:30 pm Parks & Rec Board Mtg.	27	28	29
30						

*City of Napoleon, Ohio*

## **ELECTRIC COMMITTEE**

Meeting Agenda

**Monday, September 10, 2018 at 6:15 pm**

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

- 1) Approval of Minutes: August 13, 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 September 2018: PSCAF – three (3) month averaged factor \$0.01837  
JV2 \$0.021676  
JV5 \$0.021676
- 3) Status of Transmission Ownership.
- 4) Electric Department Reports.
- 5) Any other matters to come before the Committee.
- 6) Adjournment.

  
\_\_\_\_\_  
Gregory J. Heath  
Finance Director/Clerk of Council

Meeting Minutes

**Monday, August 13, 2018 at 6:15 pm**

**Motion to Untable  
Efficiency Smart Program**

Motion: Sheaffer                      Second: Bialorucki  
to untable Efficiency Smart Program.

**Passed**  
**Yea-3**  
**Nay-0**

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

**Discussion**

Mazur stated instead of paying fines on the Gorsuch Project, the EPA gave the option to do a supplemental project, which was the Efficiency Smart Program. Initially we signed a three-year agreement and then renewed the agreement for another three years, there is currently a year and half left on this last agreement and we do not have any money left for incentives. There is \$56,000 committed in rebates and some what ifs on another \$100,000. Bialorucki asked what is the time limit when they could get money and their project done? Clapp said we should know by the end of the year if someone will take the money or not. Dr. Cordes stated, I thought at the last meeting we said we would just honor the current commitments to \$56,000 and end the program. Mazur noted Efficiency Smart is one of the few job retention tools we have, a lot of communities are dropping out of the Efficiency Smart Program. Dr. Cordes reiterated we honor the commitments up to \$56,000 and close out the program, it served its purpose.

**Electric Department  
Report**

Electric Superintendent, Dennis Clapp, passed out copies of the Electric Department Reports for both June 2018 and July 2018. He noted there were just two outages in June with July having fifteen different outages.

**Other Matters**

None.

**Motion to Adjourn  
Electric Committee Mtg.**

Motion: Sheaffer                      Second: Bialorucki  
to adjourn the Electric Committee meeting at 7:04 pm.

**Passed**  
**Yea-3**  
**Nay-0**

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

**Approved**

September 10, 2018

---

Travis Sheaffer - Chair

**CITY OF NAPOLEON, OHIO - PSCAF**

**POWER SUPPLY COST ADJUSTMENT FACTOR (PSCAF) - COMPUTATION OF MONTHLY PSCAF**

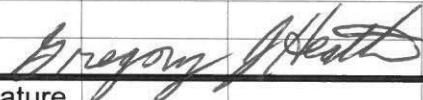
**COMPUTATIONS WITH CORRECTED DATA FROM JULY, 2015, THROUGH MARCH, 2017**

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 Current + Prior 2 Months		Rolling 3 Month Average Cost	Less: Fixed Base Power Supply Cost	PSCA Dollar Difference + or (-)	PSCA-Corrted. 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
Nov '16	Jan '17	12,220,092	\$ 956,580.93	38,170,269	\$ 2,991,602.22	\$ 0.07838	\$ (0.07194)	\$ 0.00644	\$ 0.00692
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	<b>13,957,533</b>	<b>\$ 1,336,329.96</b>	39,772,751	\$ 3,574,775.94	\$ 0.08988	\$ (0.07194)	\$ 0.01794	\$ 0.01929
Feb'18	Apr'18	<b>12,213,852</b>	<b>*\$ 914,897.80</b>	39,562,528	\$ 3,401,140.44	\$ 0.08597	\$ (0.07194)	\$ 0.01403	\$ 0.01508
Mar'18	May'18	<b>12,894,285</b>	<b>*\$ 1,115,898.14</b>	39,065,670	\$ 3,367,125.90	\$ 0.08619	\$ (0.07194)	\$ 0.01425	\$ 0.01532
Apr'18	June'18	<b>11,995,837</b>	<b>\$ 1,154,645.74</b>	37,103,974	\$ 3,185,441.68	\$ 0.08585	\$ (0.07194)	\$ 0.01391	\$ 0.01495
May'18	July'18	<b>12,812,421</b>	<b>\$ 1,184,249.00</b>	37,702,543	\$ 3,454,792.88	\$ 0.09163	\$ (0.07194)	\$ 0.01969	\$ 0.02117
June'18	Aug'18	<b>13,813,277</b>	<b>\$ 1,230,516.92</b>	38,621,535	\$ 3,569,411.66	\$ 0.09242	\$ (0.07194)	\$ 0.02048	\$ 0.02202
July'18	Sep'18	<b>15,234,049</b>	<b>\$ 1,312,135.13</b>	<b>41,859,747</b>	<b>\$ 3,726,901.05</b>	<b>\$ 0.08903</b>	<b>\$ (0.07194)</b>	<b>\$ 0.01709</b>	<b>\$ 0.01837</b>

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

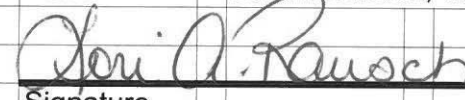
**PSCAF - Preparers Signature:**

Name - Gregory J. Heath, Finance Director

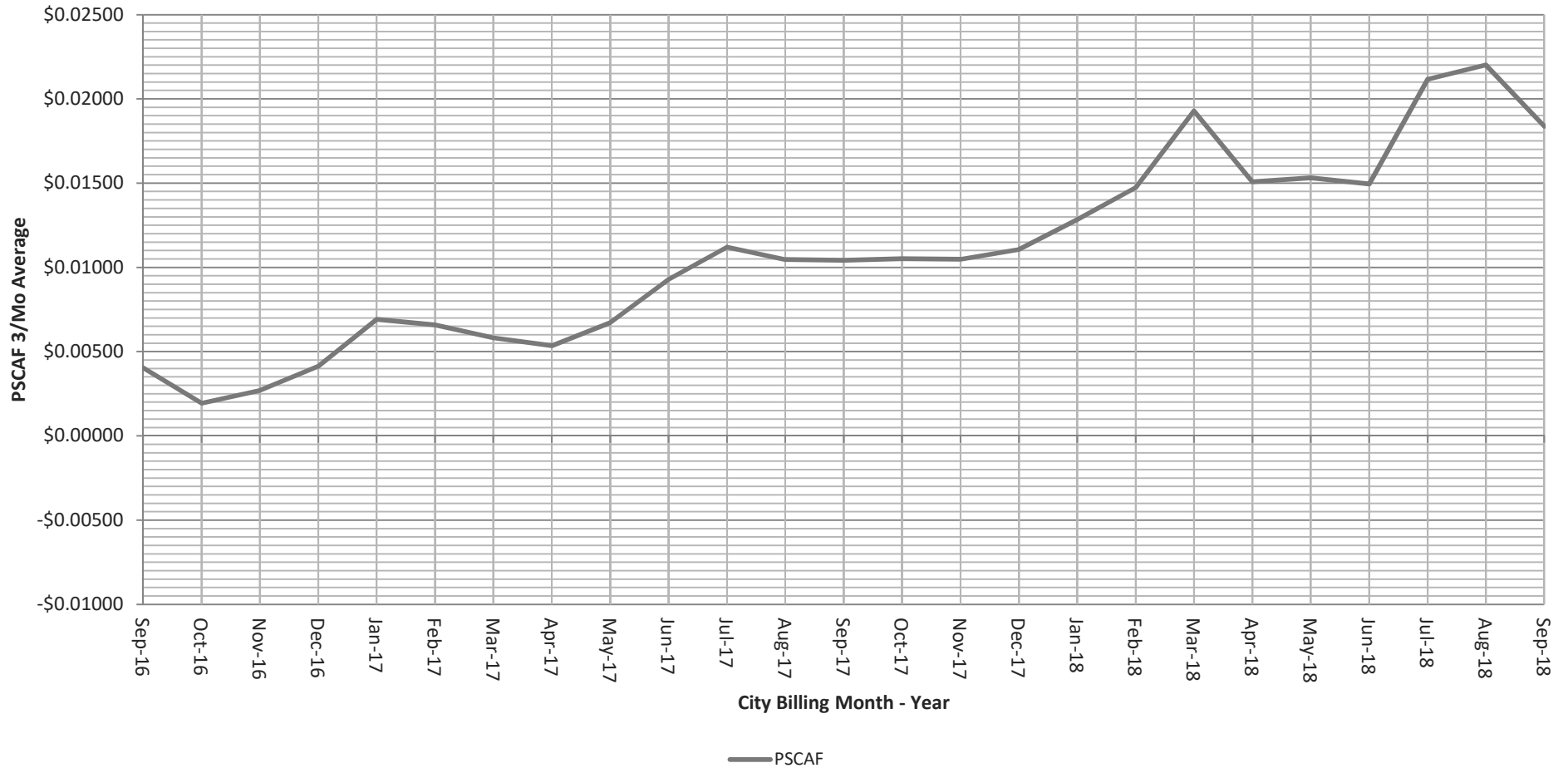
 **8/20/2018**  
Signature Date

**PSCAF - Reviewers Signature:**

Name - Lori A. Rausch, Utility Billing Administrator

 **8/20/2018**  
Signature Date

## Power Supply Cost Adjustment Factor - PSCAF



<b>BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - SEPTEMBER, 2018</b>									
2018 - SEPTEMBER BILLING WITH JULY 2018 AMP BILLING PERIOD AND AUGUST 2018 CITY CONSUMPTION AND BILLING DATA									
<b>PREVIOUS MONTH'S POWER BILLS - PURCHASED POWER KWH AND COST ALLOCATIONS BY DEMAND &amp; ENERGY:</b>									
DATA PERIOD	MONTH / YR	DAYS IN MONTH	MUNICIPAL PEAK						
AMP-Ohio Bill Month	JULY, 2018	31	30.599						
City-System Data Month	AUGUST, 2018	31							
City-Monthly Billing Cycle	SEPTEMBER, 2018	30							
=====CONTRACTED AND OPEN MARKET POWER=====									
						==PEAKING==			=====HYDRO POWER=====
( PURCHASED POWER-RESOURCES -> (	AMP CT	FREEMONT ENERGY	PRAIRIE STATE SCHED. @ PJMC	MORGAN STNLY REPLMNT.2015-20	NORTHERN POWER	JV-2 PEAKING	AMP-HYDRO CSW	MELDAHL-HYDRO SCHED. @	GREENUP HYDRO SCHED. @
(	SCHED. @ ATSI	SCHEDULED	REPLMT@ PJMC	7x24 @ AD	POOL	SCHED. @ ATSI	SCHED. @ PJMC	MELDAHL BUS	GREENUP BUS
Delivered kWh (On Peak) ->	191,970	4,821,417	3,651,061	2,827,200	333,204	3,066	1,821,577	224,737	161,101
Delivered kWh (Off Peak) ->					120,252				
Delivered kWh (Replacement/Losses/Offset) ->									
Delivered kWh/Sale (Credits) ->					-1,911,046				
Net Total Delivered kWh as Billed ->	191,970	4,821,417	3,651,061	2,827,200	-1,457,590	3,066	1,821,577	224,737	161,101
Percent % of Total Power Purchased->	1.2601%	31.6490%	23.9665%	18.5584%	-9.5680%	0.0201%	11.9573%	1.4752%	1.0575%
<b>COST OF PURCHASED POWER:</b>									
<b>DEMAND CHARGES (+Debits)</b>									
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
<b>DEMAND CHARGES (-Credits)</b>									
Transmission Charges (Demand-Credits)	-\$48,665.72					-\$891.76			
Capacity Credit	-\$47,748.21	-\$39,424.63	-\$20,147.67			-\$1,125.71	-\$4,504.49	-\$2,391.32	-\$1,266.16
Sub-Total Demand Charges	-\$64,793.93	\$38,451.87	\$138,076.14	\$0.00	\$0.00	-\$1,381.23	\$208,943.47	\$14,911.00	\$7,460.75
<b>ENERGY CHARGES (+Debits):</b>									
Energy Charges - (On Peak)	\$17,382.92	\$129,745.98	\$43,285.96	\$177,972.24	\$17,966.18	\$137.14	\$57,835.07	\$7,135.39	\$948.32
Energy Charges - (Replacement/Off Peak)					\$5,742.26				
Net Congestion, Losses, FTR		\$15,287.25	\$16,505.62	\$5,073.76			\$8,069.17	-\$16.70	\$215.27
Transmission Charges (Energy-Debits)			\$24,616.16						
ESPP Charges									
Bill Adjustments (General & Rate Levelization)		-\$450.25	-\$4,650.71			\$104.57			\$3,207.90
<b>ENERGY CHARGES (-Credits or Adjustments):</b>									
Energy Charges - On Peak (Sale or Rate Stabilization)					-\$55,303.15				
Net Congestion, Losses, FTR									
Bill Adjustments (General & Rate Levelization)					\$3,822.65		-\$3,187.76	-\$393.29	-\$281.93
Sub-Total Energy Charges	\$17,382.92	\$144,582.98	\$79,757.03	\$183,046.00	-\$27,772.06	\$241.71	\$62,716.48	\$6,725.40	\$4,089.56
<b>TRANSMISSION &amp; SERVICE CHARGES, MISC.:</b>									
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	-\$47,411.01	\$183,034.85	\$217,833.17	\$183,046.00	-\$27,772.06	-\$1,139.52	\$271,659.95	\$21,636.40	\$11,550.31
Percent % of Total Power Cost->	-3.6133%	13.9494%	16.6014%	13.9502%	-2.1166%	-0.0868%	20.7037%	1.6489%	0.8803%
Purchased Power Resources - Cost per kWh->	-\$0.246971	\$0.037963	\$0.059663	\$0.064745	-\$0.019053	-\$0.371663	\$0.149134	\$0.096274	\$0.071696



<b>BILLING SUMMARY AND CONS</b>									
2018 - SEPTEMBER BILLING WITH JULY 2018 /									
<b>PREVIOUS MONTH'S POWER BILLS - PU</b>									
<b>DATA PERIOD</b>									
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 -
<b>PURCHASED POWER-RESOURCES -&gt; (</b>	<b>HYDRO</b>	<b>HYDRO</b>	<b>WIND</b>	<b>PHASE 1</b>	<b>POWER PLANT</b>	<b>CHARGES</b>	<b>DISPATCH, A &amp; B</b>	<b>CHARGES &amp;</b>	<b>ALL</b>
(	SCHED. @ NYIS	7x24 @ ATSI	SCHED. @ ATSI	SCHED. @ ATSI	2017 - 2020	Other Charges	Other Charges	LEVELIZATION	RESOURCES
Delivered kWh (On Peak) ->	547,533	2,297,472	15,442	95,501	0	0	0	0	16,991,281
Delivered kWh (Off Peak) ->									120,252
Delivered kWh (Replacement/Losses/Offset) ->		33,562							33,562
Delivered kWh/Sale (Credits) ->									-1,911,046
<b>Net Total Delivered kWh as Billed -&gt;</b>	<b>547,533</b>	<b>2,331,034</b>	<b>15,442</b>	<b>95,501</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15,234,049</b>
Percent % of Total Power Purchased->	3.5941%	15.3015%	0.1014%	0.6269%	0.0000%	0.0000%	0.0000%	0.0000%	100.0000%
								Verification Total ->	100.0000%
<b>COST OF PURCHASED POWER:</b>									
<b>DEMAND CHARGES (+Debits)</b>									
Demand Charges	\$5,882.32	\$34,667.97	\$1,593.83			\$138,302.31			\$536,942.83
Debt Services (Principal & Interest)		\$55,367.84							\$206,705.18
<b>DEMAND CHARGES (-Credits)</b>									
Transmission Charges (Demand-Credits)		-\$14,386.01	-\$46.75						-\$63,990.24
Capacity Credit	-\$4,685.99	-\$15,470.15	-\$99.50						-\$136,863.83
<b>Sub-Total Demand Charges</b>	<b>\$1,196.33</b>	<b>\$60,179.65</b>	<b>\$1,447.58</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$138,302.31</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$542,793.94</b>
<b>ENERGY CHARGES (+Debits):</b>									
Energy Charges - (On Peak)	\$9,026.52	\$46,127.06		\$8,308.57		\$3,628.81			\$519,500.16
Energy Charges - (Replacement/Off Peak)									\$5,742.26
Net Congestion, Losses, FTR	\$1,847.56								\$46,981.93
Transmission Charges (Energy-Debits)									\$24,616.16
ESPP Charges					\$18,012.14				\$18,012.14
Bill Adjustments (General & Rate Levelization)									-\$1,788.49
<b>ENERGY CHARGES (-Credits or Adjustments):</b>									
Energy Charges - On Peak (Sale or Rate Stabilization)									-\$55,303.15
Net Congestion, Losses, FTR									\$0.00
Bill Adjustments (General & Rate Levelization)	\$1,904.00								\$1,863.67
<b>Sub-Total Energy Charges</b>	<b>\$12,778.08</b>	<b>\$46,127.06</b>	<b>\$0.00</b>	<b>\$8,308.57</b>	<b>\$18,012.14</b>	<b>\$3,628.81</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$559,624.68</b>
<b>TRANSMISSION &amp; SERVICE CHARGES, MISC.:</b>									
RPM / PJM Charges Capacity - (+Debit)						\$198,864.85			\$198,864.85
RPM / PJM Charges Capacity - (-Credit)									\$0.00
Service Fees AMP-Dispatch Center - (+Debit/-Credit)							\$253.71		\$253.71
Service Fees AMP-Part A - (+Debit/-Credit)							\$2,774.03		\$2,774.03
Service Fees AMP-Part B - (+Debit/-Credit)							\$8,857.34		\$8,857.34
Other Charges & Bill Adjustments - (+Debit/-Credit)							-\$1,033.42		-\$1,033.42
<b>Sub-Total Service Fees &amp; Other Charges</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$198,864.85</b>	<b>\$10,851.66</b>	<b>\$0.00</b>	<b>\$209,716.51</b>
<b>TOTAL NET COST OF PURCHASED POWER</b>	<b>\$13,974.41</b>	<b>\$106,306.71</b>	<b>\$1,447.58</b>	<b>\$8,308.57</b>	<b>\$18,012.14</b>	<b>\$340,795.97</b>	<b>\$10,851.66</b>	<b>\$0.00</b>	<b>\$1,312,135.13</b>
Percent % of Total Power Cost->	1.0650%	8.1018%	0.1103%	0.6332%	1.3727%	25.9726%	0.8269%	0.0000%	99.9997%
								Verification Total ->	\$1,312,135.13
<b>Purchased Power Resources - Cost per kWh-&gt;</b>	<b>\$0.025522</b>	<b>\$0.045605</b>	<b>\$0.093743</b>	<b>\$0.087000</b>	<b>\$0.000000</b>	<b>\$0.000000</b>	<b>\$0.000000</b>	<b>\$0.000000</b>	<b>\$0.086132</b>
									(Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWH) = JV2 Electric Service Rate ->
									\$0.021676
									(Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWH) = JV5 Electric Service Rate ->
									\$0.021676

<b>BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - SEPTEMBER, 2018</b>															
<b>SEPTEMBER, 2018</b>															
<b>2018 - SEPTEMBER BILLING WITH JULY 2018 AMP BILLING PERIOD AND AUGUST 2018 CITY CONSUMPTION AND BILLING DATA</b>															
Class and/or Schedule	Rate Code	Aug-18 # of Bills	Aug-18 (kWh Usage)	Aug-18 Billed	Billed kVA of Demand	Cost / kWh For Month	Prior 12 Mo Average	Sep-17 # of Bills	Sep-17 (kWh Usage)	Sep-17 Billed	Cost / kWh For Month	Oct-17 # of Bills	Oct-17 (kWh Usage)	Oct-17 Billed	Cost / kWh For Month
Residential (Dom-In)	E1	3,341	3,151,485	\$400,929.74	0	\$0.1272	\$0.1228	3,342	2,976,085	\$345,350.78	\$0.1160	3,332	2,223,727	\$263,326.85	\$0.1184
Residential (Dom-In) w/Ecosmart	E1E	8	6,640	\$850.61	0	\$0.1281	\$0.1244	9	6,913	\$809.37	\$0.1171	9	5,030	\$604.13	\$0.1201
Residential (Dom-In - All Electric)	E2	606	481,142	\$61,772.51	0	\$0.1284	\$0.1209	608	462,086	\$54,138.22	\$0.1172	601	358,277	\$42,791.55	\$0.1194
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	809	\$103.78	0	\$0.1283	\$0.1243	1	913	\$105.77	\$0.1158	1	601	\$71.72	\$0.1193
<b>Total Residential (Domestic)</b>		<b>3,956</b>	<b>3,640,076</b>	<b>\$463,656.64</b>	<b>0</b>	<b>\$0.1274</b>	<b>\$0.1224</b>	<b>3,960</b>	<b>3,445,997</b>	<b>\$400,404.14</b>	<b>\$0.1162</b>	<b>3,943</b>	<b>2,587,635</b>	<b>\$306,794.25</b>	<b>\$0.1186</b>
Residential (Rural-Out)	ER1	787	895,059	\$120,261.79	0	\$0.1344	\$0.1286	776	867,199	\$106,585.60	\$0.1229	777	664,288	\$83,537.14	\$0.1258
Residential (Rural-Out) w/Ecosmart	ER1E	4	3,437	\$471.60	0	\$0.1372	\$0.1323	4	3,102	\$393.53	\$0.1269	4	2,206	\$291.63	\$0.1322
Residential (Rural-Out - All Electric)	ER2	373	463,633	\$61,942.20	0	\$0.1336	\$0.1269	376	455,552	\$55,674.82	\$0.1222	376	361,254	\$44,970.86	\$0.1245
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	2,196	\$295.76	0	\$0.1347	\$0.1274	2	2,185	\$269.03	\$0.1231	2	1,534	\$194.96	\$0.1271
Residential (Rural-Out w/Dmd)	ER3	16	16,508	\$2,231.69	213	\$0.1352	\$0.1212	16	17,174	\$2,115.60	\$0.1232	16	12,662	\$1,603.74	\$0.1267
Residential (Rural-Out - All Electric w/Dmd)	ER4	9	9,150	\$1,238.53	68	\$0.1354	\$0.1253	9	8,328	\$1,038.77	\$0.1247	9	7,172	\$907.99	\$0.1266
<b>Total Residential (Rural)</b>		<b>1,191</b>	<b>1,389,983</b>	<b>\$186,441.57</b>	<b>281</b>	<b>\$0.1341</b>	<b>\$0.1278</b>	<b>1,183</b>	<b>1,353,540</b>	<b>\$166,077.35</b>	<b>\$0.1227</b>	<b>1,184</b>	<b>1,049,116</b>	<b>\$131,506.32</b>	<b>\$0.1253</b>
Commercial (1 Ph-In - No Dmd)	EC2	73	35,297	\$5,773.50	8	\$0.1636	\$0.1560	76	40,897	\$6,098.23	\$0.1491	76	34,747	\$5,333.29	\$0.1535
Commercial (1 Ph-Out - No Dmd)	EC2O	48	7,870	\$1,668.23	0	\$0.2120	\$0.1996	48	7,971	\$1,589.79	\$0.1994	48	7,344	\$1,510.81	\$0.2057
<b>Total Commercial (1 Ph) No Dmd</b>		<b>121</b>	<b>43,167</b>	<b>\$7,441.73</b>	<b>8</b>	<b>\$0.1724</b>	<b>\$0.1643</b>	<b>124</b>	<b>48,868</b>	<b>\$7,688.02</b>	<b>\$0.1573</b>	<b>124</b>	<b>42,091</b>	<b>\$6,844.10</b>	<b>\$0.1626</b>
Commercial (1 Ph-In - w/Demand)	EC1	261	348,059	\$54,469.26	2054	\$0.1565	\$0.1492	259	411,769	\$58,197.76	\$0.1413	259	379,198	\$53,697.15	\$0.1416
Commercial (1 Ph-Out - w/Demand)	EC1O	25	46,585	\$6,646.59	162	\$0.1427	\$0.1360	25	47,917	\$6,566.44	\$0.1370	25	44,552	\$5,902.21	\$0.1325
<b>Total Commercial (1 Ph) w/Demand</b>		<b>286</b>	<b>394,644</b>	<b>\$61,115.85</b>	<b>2,216</b>	<b>\$0.1549</b>	<b>\$0.1476</b>	<b>284</b>	<b>459,686</b>	<b>\$64,764.20</b>	<b>\$0.1409</b>	<b>284</b>	<b>423,750</b>	<b>\$59,599.36</b>	<b>\$0.1406</b>
Commercial (3 Ph-Out - No Dmd)	EC4O	2	40	\$41.55	9	\$1.0388	\$0.1389	2	40	\$41.09	\$1.0273	2	80	\$46.17	\$0.5771
<b>Total Commercial (3 Ph) No Dmd</b>		<b>2</b>	<b>40</b>	<b>\$41.55</b>	<b>9</b>	<b>\$1.0388</b>	<b>\$0.1389</b>	<b>2</b>	<b>40</b>	<b>\$41.09</b>	<b>\$1.0273</b>	<b>2</b>	<b>80</b>	<b>\$46.17</b>	<b>\$0.5771</b>
Commercial (3 Ph-In - w/Demand)	EC3	206	1,726,146	\$237,768.88	6011	\$0.1377	\$0.1315	205	1,638,514	\$206,906.78	\$0.1263	204	1,692,732	\$214,231.62	\$0.1266
Commercial (3 Ph-Out - w/Demand)	EC3O	37	280,489	\$40,004.85	1360	\$0.1426	\$0.1319	38	276,505	\$35,724.78	\$0.1292	38	325,955	\$41,725.26	\$0.1280
Commercial (3 Ph-Out - w/Dmd.&Sub-St)	E3SO	3	123,520	\$15,953.58	451	\$0.1292	\$0.1227	3	116,040	\$13,907.06	\$0.1198	3	116,000	\$13,869.38	\$0.1196
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	5,400	\$755.48	24	\$0.1399	\$0.1436	1	4,520	\$592.45	\$0.1311	1	5,480	\$770.10	\$0.1405
<b>Total Commercial (3 Ph) w/Demand</b>		<b>247</b>	<b>2,135,555</b>	<b>\$294,482.79</b>	<b>7,846</b>	<b>\$0.1379</b>	<b>\$0.1310</b>	<b>247</b>	<b>2,035,579</b>	<b>\$257,131.07</b>	<b>\$0.1263</b>	<b>246</b>	<b>2,140,167</b>	<b>\$270,596.36</b>	<b>\$0.1264</b>
Large Power (In - w/Dmd & Rct)	EL1	20	2,304,703	\$260,458.58	5199	\$0.1130	\$0.1076	20	2,427,551	\$243,182.88	\$0.1002	20	2,337,738	\$237,863.72	\$0.1017
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,044,331	\$109,898.03	2066	\$0.1052	\$0.0980	3	1,162,104	\$109,126.69	\$0.0939	3	1,123,509	\$108,039.15	\$0.0962
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	433,200	\$51,043.08	1095	\$0.1178	\$0.1050	1	484,800	\$47,774.37	\$0.0985	1	537,600	\$53,006.22	\$0.0986
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	80,568	\$15,820.11	565	\$0.1964	\$0.1490	2	79,957	\$19,155.55	\$0.2396	2	81,360	\$16,071.48	\$0.1975
<b>Total Large Power</b>		<b>26</b>	<b>3,862,802</b>	<b>\$437,219.80</b>	<b>8,925</b>	<b>\$0.1132</b>	<b>\$0.1055</b>	<b>26</b>	<b>4,154,412</b>	<b>\$419,239.49</b>	<b>\$0.1009</b>	<b>26</b>	<b>4,080,207</b>	<b>\$414,980.57</b>	<b>\$0.1017</b>
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,045,201	\$104,990.65	1941	\$0.1005	\$0.0935	1	1,175,166	\$100,988.96	\$0.0859	1	1,129,616	\$99,604.19	\$0.0882
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	874,860	\$86,734.40	1515	\$0.0991	\$0.0967	1	736,807	\$68,131.06	\$0.0925	1	796,422	\$72,352.61	\$0.0908
<b>Total Industrial</b>		<b>2</b>	<b>1,920,061</b>	<b>\$191,725.05</b>	<b>3,456</b>	<b>\$0.0999</b>	<b>\$0.0949</b>	<b>2</b>	<b>1,911,973</b>	<b>\$169,120.02</b>	<b>\$0.0885</b>	<b>2</b>	<b>1,926,038</b>	<b>\$171,956.80</b>	<b>\$0.0893</b>
Interdepartmental (In - No Dmd)	ED1	11	48,331	\$6,660.05	172	\$0.1378	\$0.1277	8	53,518	\$6,417.40	\$0.1199	8	30,204	\$3,954.95	\$0.1309
Interdepartmental (Out - w/Dmd)	ED2O	2	670	\$117.07	0	\$0.1747	\$0.1963	2	557	\$94.92	\$0.1704	2	288	\$60.78	\$0.2110
Interdepartmental (In - w/Dmd)	ED2	30	24,525	\$3,763.69	0	\$0.1535	\$0.1394	26	24,282	\$3,399.52	\$0.1400	26	20,645	\$2,940.06	\$0.1424
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	146,015	\$19,879.21	564	\$0.1361	\$0.1257	11	195,896	\$22,942.74	\$0.1171	11	191,075	\$22,412.21	\$0.1173
Interdepartmental (Street Lights)	EDSL	7	63,071	\$5,865.70	0	\$0.0930	\$0.0930	7	62,879	\$5,851.14	\$0.0931	7	62,879	\$5,850.15	\$0.0930
Interdepartmental (Traffic Signals)	EDTS	8	1,455	\$134.54	0	\$0.0925	\$0.0925	9	1,715	\$158.59	\$0.0925	9	1,641	\$151.75	\$0.0925
Generators (JV2 Power Cost Only)	GJV2	1	13,628	\$354.19	26	\$0.0260	\$0.0000	1	18,180	\$417.41	\$0.0230	1	19,650	\$149.14	\$0.0076
Generators (JV5 Power Cost Only)	GJV5	1	3,327	\$86.47	17	\$0.0260	\$0.0000	1	12,704	\$291.68	\$0.0230	1	12,615	\$95.75	\$0.0076
<b>Total Interdepartmental</b>		<b>71</b>	<b>301,022</b>	<b>\$36,860.92</b>	<b>779</b>	<b>\$0.1225</b>	<b>\$0.1134</b>	<b>65</b>	<b>369,731</b>	<b>\$39,573.40</b>	<b>\$0.1070</b>	<b>65</b>	<b>338,997</b>	<b>\$35,614.79</b>	<b>\$0.1051</b>
<b>SUB-TOTAL CONSUMPTION &amp; DEMAND</b>		<b>5,902</b>	<b>13,687,350</b>	<b>\$1,678,985.90</b>	<b>23,520</b>	<b>\$0.1227</b>	<b>\$0.1158</b>	<b>5,893</b>	<b>13,779,826</b>	<b>\$1,524,038.78</b>	<b>\$0.1106</b>	<b>5,876</b>	<b>12,588,081</b>	<b>\$1,397,938.72</b>	<b>\$0.1111</b>
Street Lights (In)	SLO	15	0	\$13.58	0	\$0.0000	\$0.0457	13	0	\$13.28	\$0.0000	13	0	\$13.28	\$0.0000
Street Lights (Out)	SLOO	2	0	\$1.92	0	\$0.0000	\$0.0000	2	0	\$1.92	\$0.0000	2	0	\$1.91	\$0.0000
<b>Total Street Light Only</b>		<b>17</b>	<b>0</b>	<b>\$15.50</b>	<b>0</b>	<b>\$0.0000</b>	<b>\$0.0517</b>	<b>15</b>	<b>0</b>	<b>\$15.20</b>	<b>\$0.0000</b>	<b>15</b>	<b>0</b>	<b>\$15.19</b>	<b>\$0.0000</b>
<b>TOTAL CONSUMPTION &amp; DEMAND</b>		<b>5,919</b>	<b>13,687,350</b>	<b>\$1,679,001.40</b>	<b>23,520</b>	<b>\$0.1227</b>	<b>\$0.1158</b>	<b>5,908</b>	<b>13,779,826</b>	<b>\$1,524,053.98</b>	<b>\$0.1106</b>	<b>5,891</b>	<b>12,588,081</b>	<b>\$1,397,953.91</b>	<b>\$0.1111</b>

BILLING SUMMARY AND CO.																	
SEPTEMBER, 2018																	
2018 - SEPTEMBER BILLING WITH JULY 2018 A																	
		Nov-17				Dec-17					Jan-18				Feb-18		
Class and/or	Rate	# of	Nov-17	Nov-17	Cost / kWh	# of	Dec-17	Dec-17	Cost / kWh	# of	Jan-18	Jan-18	Jan-18	Cost / kWh	# of	Feb-18	Cost / kWh
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)	For Month
Residential (Dom-In)	E1	3,342	2,183,770	\$258,960.04	\$0.1186	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
Residential (Dom-In) w/Ecosmart	E1E	9	5,189	\$621.37	\$0.1197	9	4,265	\$522.82	\$0.1226	9	4,807	\$590.89	\$0.1229	8	4,499	\$559.08	\$0.1243
Residential (Dom-In - All Electric)	E2	607	359,718	\$42,973.88	\$0.1195	600	411,193	\$48,798.42	\$0.1187	604	564,281	\$66,628.60	\$0.1181	602	864,143	\$101,722.88	\$0.1177
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	498	\$60.45	\$0.1214	1	543	\$65.68	\$0.1210	1	418	\$52.69	\$0.1261	1	535	\$66.78	\$0.1248
Total Residential (Domestic)		3,959	2,549,175	\$302,615.74	\$0.1187	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
Residential (Rural-Out)	ER1	782	671,146	\$84,360.08	\$0.1257	780	685,224	\$86,337.74	\$0.1260	773	765,076	\$96,763.07	\$0.1265	771	986,496	\$124,341.31	\$0.1260
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,317	\$304.24	\$0.1313	4	2,675	\$346.59	\$0.1296	4	3,295	\$423.51	\$0.1285	4	4,035	\$517.35	\$0.1282
Residential (Rural-Out - All Electric)	ER2	375	356,797	\$44,441.94	\$0.1246	375	403,035	\$49,945.45	\$0.1239	376	472,990	\$58,795.22	\$0.1243	377	639,067	\$79,311.81	\$0.1241
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2	1,712	\$215.25	\$0.1257	2	1,834	\$230.21	\$0.1255	2	2,390	\$298.17	\$0.1248	2	3,571	\$442.41	\$0.1239
Residential (Rural-Out w/Dmd)	ER3	16	15,601	\$1,938.09	\$0.1242	16	64,428	\$7,518.60	\$0.1167	16	139,280	\$16,276.44	\$0.1169	16	93,486	\$11,174.66	\$0.1195
Residential (Rural-Out - All Electric w/Dm	ER4	9	7,142	\$904.42	\$0.1266	9	24,064	\$2,842.60	\$0.1181	9	29,151	\$3,474.71	\$0.1192	9	11,992	\$1,508.09	\$0.1258
Total Residential (Rural)		1,188	1,054,715	\$132,164.02	\$0.1253	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
Commercial (1 Ph-In - No Dmd)	EC2	76	32,527	\$5,050.68	\$0.1553	73	33,935	\$5,213.13	\$0.1536	72	33,842	\$5,248.60	\$0.1551	73	43,883	\$6,642.26	\$0.1514
Commercial (1 Ph-Out - No Dmd)	EC2O	48	7,470	\$1,526.63	\$0.2044	48	7,896	\$1,585.34	\$0.2008	48	11,116	\$2,015.82	\$0.1813	48	12,402	\$2,206.58	\$0.1779
Total Commercial (1 Ph) No Dmd		124	39,997	\$6,577.31	\$0.1644	121	41,831	\$6,798.47	\$0.1625	120	44,958	\$7,264.42	\$0.1616	121	56,285	\$8,848.84	\$0.1572
Commercial (1 Ph-In - w/Demand)	EC1	260	319,807	\$47,319.16	\$0.1480	261	291,661	\$43,822.32	\$0.1503	261	284,512	\$42,357.67	\$0.1489	261	328,599	\$48,114.24	\$0.1464
Commercial (1 Ph-Out - w/Demand)	EC1O	25	44,645	\$5,891.25	\$0.1320	26	42,872	\$5,729.42	\$0.1336	25	43,761	\$5,916.71	\$0.1352	25	50,064	\$6,772.87	\$0.1353
Total Commercial (1 Ph) w/Demand		285	364,452	\$53,210.41	\$0.1460	287	334,533	\$49,551.74	\$0.1481	286	328,273	\$48,274.38	\$0.1471	286	378,663	\$54,887.11	\$0.1449
Commercial (3 Ph-Out - No Dmd)	EC4O	2	40	\$41.09	\$1.0273	2	80	\$46.22	\$0.5778	2	17,480	\$2,292.64	\$0.1312	2	30,880	\$4,075.47	\$0.1320
Total Commercial (3 Ph) No Dmd		2	40	\$41.09	\$1.0273	2	80	\$46.22	\$0.5778	2	17,480	\$2,292.64	\$0.1312	2	30,880	\$4,075.47	\$0.1320
Commercial (3 Ph-In - w/Demand)	EC3	205	1,517,308	\$193,360.95	\$0.1274	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
Commercial (3 Ph-Out - w/Demand)	EC3O	38	294,347	\$39,396.29	\$0.1338	38	437,383	\$55,388.91	\$0.1266	37	498,587	\$62,293.93	\$0.1249	37	387,026	\$50,165.48	\$0.1296
Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	3	129,040	\$15,176.79	\$0.1176	3	111,840	\$13,266.17	\$0.1186	3	124,400	\$14,870.27	\$0.1195	3	121,400	\$14,925.35	\$0.1229
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	4,360	\$641.13	\$0.1470	1	4,720	\$688.22	\$0.1458	1	1,880	\$317.02	\$0.1686	1	1,880	\$246.39	\$0.1311
Total Commercial (3 Ph) w/Demand		247	1,945,055	\$248,575.16	\$0.1278	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
Large Power (In - w/Dmd & Rct)	EL1	20	2,135,368	\$229,141.71	\$0.1073	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
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,135,244	\$106,358.90	\$0.0937	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
Large Power (Out - w/Dmd & Rct, w/SbCr	EL2O	1	550,800	\$53,439.61	\$0.0970	1	540,000	\$52,214.92	\$0.0967	1	480,000	\$48,097.78	\$0.1002	1	367,200	\$41,884.75	\$0.1141
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	76,818	\$10,209.80	\$0.1329	2	88,348	\$8,206.94	\$0.0929	2	85,831	\$8,470.21	\$0.0987	2	116,013	\$10,980.28	\$0.0946
Total Large Power		26	3,898,230	\$399,150.02	\$0.1024	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
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,112,781	\$97,747.46	\$0.0878	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
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	957,307	\$86,295.32	\$0.0901	1	793,944	\$73,110.92	\$0.0921	1	580,356	\$61,860.44	\$0.1066	1	589,615	\$64,585.76	\$0.1095
Total Industrial		2	2,070,088	\$184,042.78	\$0.0889	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
Interdepartmental (In - No Dmd)	ED1	9	30,726	\$3,903.70	\$0.1270	9	35,134	\$4,725.24	\$0.1345	9	47,039	\$5,798.00	\$0.1233	9	63,930	\$7,771.28	\$0.1216
Interdepartmental (Out - w/Dmd)	ED2O	2	365	\$70.56	\$0.1933	2	269	\$58.51	\$0.2175	2	275	\$59.76	\$0.2173	2	257	\$57.92	\$0.2254
Interdepartmental (In - w/Dmd)	ED2	26	22,151	\$3,130.33	\$0.1413	28	44,216	\$5,978.93	\$0.1352	32	59,195	\$8,039.29	\$0.1358	30	85,669	\$11,592.07	\$0.1353
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	170,644	\$19,992.77	\$0.1172	11	192,105	\$24,351.34	\$0.1268	11	232,067	\$29,509.11	\$0.1272	11	317,586	\$38,870.80	\$0.1224
Interdepartmental (Street Lights)	EDSL	7	63,071	\$5,865.70	\$0.0930	7	63,071	\$5,850.46	\$0.0928	7	63,071	\$5,874.10	\$0.0931	7	63,071	\$5,866.74	\$0.0930
Interdepartmental (Traffic Signals)	EDTS	9	1,699	\$157.09	\$0.0925	9	1,805	\$166.87	\$0.0924	9	1,768	\$163.49	\$0.0925	9	1,772	\$163.83	\$0.0925
Generators (JV2 Power Cost Only)	GJV2	1	19,414	\$444.39	\$0.0229	1	21,949	\$501.75	\$0.0229	1	24,724	\$724.66	\$0.0293	1	30,393	\$1,009.05	\$0.0332
Generators (JV5 Power Cost Only)	GJV5	1	11,906	\$272.53	\$0.0229	1	11,273	\$257.70	\$0.0229	1	14,021	\$410.96	\$0.0293	1	19,852	\$659.09	\$0.0332
Total Interdepartmental		66	319,976	\$33,837.07	\$0.1057	68	369,822	\$41,890.80	\$0.1133	72	442,160	\$50,579.37	\$0.1144	70	582,530	\$65,990.78	\$0.1133
SUB-TOTAL CONSUMPTION & DEMAND		5,899	12,241,728	\$1,360,213.60	\$0.1111	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
Street Lights (In)	SLO	13	0	\$13.28	\$0.0000	13	0	\$13.29	\$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	\$1.92	\$0.0000	2	0	\$1.91	\$0.0000
Total Street Light Only		15	0	\$15.20	\$0.0000	15	0	\$15.21	\$0.0000	15	0	\$15.20	\$0.0000	15	0	\$15.19	\$0.0000
TOTAL CONSUMPTION & DEMAND		5,914	12,241,728	\$1,360,228.80	\$0.1111	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

9/6/2018

<b>BILLING SUMMARY AND CO</b>												
<b>SEPTEMBER, 2018</b>												
<b>2018 - SEPTEMBER BILLING WITH JULY 2018 A</b>												
Class and/or Schedule	Rate Code	Jul-18 Billed	Cost / kWh For Month	# of Bills	Aug-18 (kWh Usage)	Aug-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	\$295,529.06	\$0.1287	3,341	3,151,485	\$400,929.74	\$0.1272	27,137,305	\$3,331,502.45	\$0.1228	3,338	56.5460%
Residential (Dom-In) w/Ecosmart	E1E	\$645.47	\$0.1297	8	6,640	\$850.61	\$0.1281	56,602	\$7,040.00	\$0.1244	8	0.1426%
Residential (Dom-In - All Electric)	E2	\$50,714.07	\$0.1294	606	481,142	\$61,772.51	\$0.1284	6,261,022	\$757,193.32	\$0.1209	605	10.2486%
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	\$74.89	\$0.1305	1	809	\$103.78	\$0.1283	6,817	\$847.45	\$0.1243	1	0.0169%
<b>Total Residential (Domestic)</b>		<b>\$346,963.49</b>	<b>\$0.1288</b>	<b>3,956</b>	<b>3,640,076</b>	<b>\$463,656.64</b>	<b>\$0.1274</b>	<b>33,461,746</b>	<b>\$4,096,583.22</b>	<b>\$0.1224</b>	<b>3,952</b>	<b>66.9542%</b>
Residential (Rural-Out)	ER1	\$101,456.97	\$0.1351	787	895,059	\$120,261.79	\$0.1344	9,262,417	\$1,191,528.43	\$0.1286	777	13.1585%
Residential (Rural-Out) w/Ecosmart	ER1E	\$392.21	\$0.1389	4	3,437	\$471.60	\$0.1372	35,170	\$4,654.31	\$0.1323	4	0.0678%
Residential (Rural-Out - All Electric)	ER2	\$53,774.49	\$0.1341	373	463,633	\$61,942.20	\$0.1336	5,386,131	\$683,740.03	\$0.1269	376	6.3618%
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	\$269.44	\$0.1347	2	2,196	\$295.76	\$0.1347	27,522	\$3,506.49	\$0.1274	2	0.0339%
Residential (Rural-Out w/Dmd)	ER3	\$3,461.34	\$0.1305	16	16,508	\$2,231.69	\$0.1352	500,458	\$60,670.49	\$0.1212	16	0.2711%
Residential (Rural-Out - All Electric w/Dm	ER4	\$1,094.00	\$0.1359	9	9,150	\$1,238.53	\$0.1354	143,317	\$17,958.15	\$0.1253	9	0.1525%
<b>Total Residential (Rural)</b>		<b>\$160,448.45</b>	<b>\$0.1347</b>	<b>1,191</b>	<b>1,389,983</b>	<b>\$186,441.57</b>	<b>\$0.1341</b>	<b>15,355,015</b>	<b>\$1,962,057.90</b>	<b>\$0.1278</b>	<b>1,183</b>	<b>20.0455%</b>
Commercial (1 Ph-In - No Dmd)	EC2	\$5,661.85	\$0.1632	73	35,297	\$5,773.50	\$0.1636	433,677	\$67,643.09	\$0.1560	74	1.2467%
Commercial (1 Ph-Out - No Dmd)	EC2O	\$1,625.00	\$0.2137	48	7,870	\$1,668.23	\$0.2120	101,753	\$20,305.59	\$0.1996	48	0.8132%
<b>Total Commercial (1 Ph) No Dmd</b>		<b>\$7,286.85</b>	<b>\$0.1722</b>	<b>121</b>	<b>43,167</b>	<b>\$7,441.73</b>	<b>\$0.1724</b>	<b>535,430</b>	<b>\$87,948.68</b>	<b>\$0.1643</b>	<b>122</b>	<b>2.0599%</b>
Commercial (1 Ph-In - w/Demand)	EC1	\$48,757.18	\$0.1593	261	348,059	\$54,469.26	\$0.1565	3,885,190	\$579,800.70	\$0.1492	260	4.4092%
Commercial (1 Ph-Out - w/Demand)	EC1O	\$6,431.09	\$0.1416	25	46,585	\$6,646.59	\$0.1427	557,571	\$75,853.65	\$0.1360	25	0.4250%
<b>Total Commercial (1 Ph) w/Demand</b>		<b>\$55,188.27</b>	<b>\$0.1570</b>	<b>286</b>	<b>394,644</b>	<b>\$61,115.85</b>	<b>\$0.1549</b>	<b>4,442,761</b>	<b>\$655,654.35</b>	<b>\$0.1476</b>	<b>285</b>	<b>4.8342%</b>
Commercial (3 Ph-Out - No Dmd)	EC4O	\$47.02	\$0.5878	2	40	\$41.55	\$1.0388	50,520	\$7,018.24	\$0.1389	2	0.0339%
<b>Total Commercial (3 Ph) No Dmd</b>		<b>\$47.02</b>	<b>\$0.5878</b>	<b>2</b>	<b>40</b>	<b>\$41.55</b>	<b>\$1.0388</b>	<b>50,520</b>	<b>\$7,018.24</b>	<b>\$0.1389</b>	<b>2</b>	<b>0.0339%</b>
Commercial (3 Ph-In - w/Demand)	EC3	\$201,102.33	\$0.1386	206	1,726,146	\$237,768.88	\$0.1377	17,469,801	\$2,296,673.65	\$0.1315	206	3.4816%
Commercial (3 Ph-Out - w/Demand)	EC3O	\$37,840.28	\$0.1417	37	280,489	\$40,004.85	\$0.1426	3,947,434	\$520,809.52	\$0.1319	37	0.6325%
Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	\$14,950.00	\$0.1296	3	123,520	\$15,953.58	\$0.1292	1,426,840	\$175,019.16	\$0.1227	3	0.0508%
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	\$378.71	\$0.2058	1	5,400	\$755.48	\$0.1399	37,160	\$5,337.40	\$0.1436	1	0.0169%
<b>Total Commercial (3 Ph) w/Demand</b>		<b>\$254,271.32</b>	<b>\$0.1385</b>	<b>247</b>	<b>2,135,555</b>	<b>\$294,482.79</b>	<b>\$0.1379</b>	<b>22,881,235</b>	<b>\$2,997,839.73</b>	<b>\$0.1310</b>	<b>247</b>	<b>4.1819%</b>
Large Power (In - w/Dmd & Rct)	EL1	\$251,260.17	\$0.1134	20	2,304,703	\$260,458.58	\$0.1130	25,303,885	\$2,721,662.29	\$0.1076	20	0.3388%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	\$111,938.86	\$0.1027	3	1,044,331	\$109,898.03	\$0.1052	12,476,201	\$1,222,920.95	\$0.0980	3	0.0508%
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	\$52,786.32	\$0.1134	1	433,200	\$51,043.08	\$0.1178	5,763,600	\$604,997.75	\$0.1019	1	0.0169%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	\$15,683.06	\$0.1959	2	80,568	\$15,820.11	\$0.1964	1,042,797	\$155,424.93	\$0.1490	2	0.0339%
<b>Total Large Power</b>		<b>\$431,668.41</b>	<b>\$0.1121</b>	<b>26</b>	<b>3,862,802</b>	<b>\$437,219.80</b>	<b>\$0.1132</b>	<b>44,586,483</b>	<b>\$4,705,005.92</b>	<b>\$0.1055</b>	<b>26</b>	<b>0.4405%</b>
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	\$109,317.34	\$0.0994	1	1,045,201	\$104,990.65	\$0.1005	12,671,264	\$1,185,173.38	\$0.0935	1	0.0169%
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	\$86,537.35	\$0.0989	1	874,860	\$86,734.40	\$0.0991	9,311,507	\$900,704.39	\$0.0967	1	0.0169%
<b>Total Industrial</b>		<b>\$195,854.69</b>	<b>\$0.0992</b>	<b>2</b>	<b>1,920,061</b>	<b>\$191,725.05</b>	<b>\$0.0999</b>	<b>21,982,771</b>	<b>\$2,085,877.77</b>	<b>\$0.0949</b>	<b>2</b>	<b>0.0339%</b>
Interdepartmental (In - No Dmd)	ED1	\$5,716.66	\$0.1402	11	48,331	\$6,660.05	\$0.1378	537,526	\$68,649.61	\$0.1277	9	0.1595%
Interdepartmental (Out - w/Dmd)	ED2O	\$102.15	\$0.1805	2	670	\$117.07	\$0.1747	4,519	\$886.95	\$0.1963	2	0.0339%
Interdepartmental (In - w/Dmd)	ED2	\$3,787.47	\$0.1513	30	24,525	\$3,763.69	\$0.1535	512,715	\$71,477.65	\$0.1394	28	0.4716%
Interdepartmental (3Ph-In - w/Dmd)	ED3	\$17,385.49	\$0.1374	11	146,015	\$19,879.21	\$0.1361	2,549,559	\$320,549.00	\$0.1257	11	0.1864%
Interdepartmental (Street Lights)	EDSL	\$5,867.81	\$0.0930	7	63,071	\$5,865.70	\$0.0930	756,468	\$70,321.35	\$0.0930	7	0.1186%
Interdepartmental (Traffic Signals)	EDTS	\$158.12	\$0.0925	8	1,455	\$134.54	\$0.0925	20,080	\$1,856.69	\$0.0925	9	0.1511%
Generators (JV2 Power Cost Only)	GJV2	\$476.89	\$0.0292	1	13,628	\$354.19	\$0.0260	258,504	\$6,293.42	\$0.0243	1	0.0169%
Generators (JV5 Power Cost Only)	GJV5	\$346.48	\$0.0292	1	3,327	\$86.47	\$0.0260	155,351	\$3,807.02	\$0.0245	1	0.0169%
<b>Total Interdepartmental</b>		<b>\$33,841.07</b>	<b>\$0.1184</b>	<b>71</b>	<b>301,022</b>	<b>\$36,860.92</b>	<b>\$0.1225</b>	<b>4,794,722</b>	<b>\$543,841.69</b>	<b>\$0.1134</b>	<b>68</b>	<b>1.1549%</b>
<b>SUB-TOTAL CONSUMPTION &amp; DEMAND</b>		<b>\$1,485,569.57</b>	<b>\$0.1215</b>	<b>5,902</b>	<b>13,687,350</b>	<b>\$1,678,985.90</b>	<b>\$0.1227</b>	<b>148,090,683</b>	<b>\$17,141,827.50</b>	<b>\$0.1158</b>	<b>5,887</b>	<b>99.7388%</b>
Street Lights (In)	SLO	\$13.43	\$0.0000	15	0	\$13.58	\$0.0000	3,877	\$177.30	\$0.0457	13	0.2273%
Street Lights (Out)	SLOO	\$1.91	\$0.0000	2	0	\$1.92	\$0.0000	0	\$22.99	\$0.0000	2	0.0339%
<b>Total Street Light Only</b>		<b>\$15.34</b>	<b>\$0.0000</b>	<b>17</b>	<b>0</b>	<b>\$15.50</b>	<b>\$0.0000</b>	<b>3,877</b>	<b>\$200.29</b>	<b>\$0.0517</b>	<b>15</b>	<b>0.2612%</b>
<b>TOTAL CONSUMPTION &amp; DEMAND</b>		<b>\$1,485,584.91</b>	<b>\$0.1215</b>	<b>5,919</b>	<b>13,687,350</b>	<b>\$1,679,001.40</b>	<b>\$0.1227</b>	<b>148,094,560</b>	<b>\$17,142,027.79</b>	<b>\$0.1158</b>	<b>5,902</b>	<b>100.0000%</b>

**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:** 204050**INVOICE DATE:** 8/15/2018**DUE DATE:** 8/30/2018**TOTAL AMOUNT DUE:** \$1,173,637.62**CUSTOMER NUMBER:** 5020**CUSTOMER P.O. #:** RG10046

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

---

---

**Northern Power Pool Billing - July, 2018**

MUNICIPAL PEAK: 30,599 kW  
TOTAL METERED ENERGY: 15,271,276 kWh

Total Power Charges:	\$821,989.99
Transmission / Capacity / Ancillary Services:	\$340,795.97
Total Other Charges:	\$10,851.66
Total Miscellaneous Charges:	\$0.00

---

---

<b>GRAND TOTAL POWER INVOICE:</b>	<b>\$1,173,637.62</b>
-----------------------------------	-----------------------

---

**DETAIL INFORMATION OF POWER CHARGES July , 2018**  
**Napoleon**

<b>FOR THE MONTH OF:</b>	<b>July, 2018</b>	<b>Total Metered Load kWh:</b>	<b>15,271,276</b>
		<b>Transmission Losses kWh:</b>	<b>-37,227</b>
		<b>Distribution Losses kWh:</b>	<b>0</b>
		<b>Total Energy Req. kWh:</b>	<b>15,234,049</b>
<b>TIME OF FENTS PEAK:</b>	<b>07/02/2018 @ H.E. 14:00</b>	<b>COINCIDENT PEAK kW:</b>	<b>29,164</b>
<b>TIME OF MUNICIPAL PEAK:</b>	<b>07/05/2018 @ H.E. 17:00</b>	<b>MUNICIPAL PEAK kW:</b>	<b>30,599</b>
<b>TRANSMISSION PEAK:</b>	<b>July 19, 2017 18:00</b>	<b>TRANSMISSION PEAK kW:</b>	<b>29,687</b>
		<b>PJM Capacity Requirement kW:</b>	<b>29,050</b>

**Napoleon Resources**

**AMP CT - Sched @ ATSI**

Demand Charge:	\$2.550000	/ kW *	12,400 kW =	\$31,620.00
Energy Charge:	\$0.090550	/ kWh *	191,970 kWh =	\$17,382.92
Transmission Credit:	\$3.924655	/ kW *	-12,400 kW =	-\$48,665.72
Capacity Credit:	\$3.850662	/ kW *	-12,400 kW =	-\$47,748.21

**Subtotal**

**191,970 kWh =**  
**-\$47,411.01**

**Fremont - sched @ Fremont**

Demand Charge:	\$3.831268	/ kW *	8,767 kW =	\$33,588.73
Energy Charge:	\$0.026910	/ kWh *	4,821,417 kWh =	\$129,745.98
Net Congestion, Losses, FTR:	\$0.003171	/ kWh *		\$15,287.25
Capacity Credit:	\$4.496935	/ kW *	-8,767 kW =	-\$39,424.63
Debt Service	\$5.051645	/ kW	8,767 kW	\$44,287.77
Adjustment for prior month:				-\$450.25

**Subtotal**

**4,821,417 kWh =**  
**\$183,034.85**

**AMP Hydro CSW - Sched @ PJMC**

Demand Charge:	\$61.020000	/ kW *	3,498 kW =	\$213,447.96
Energy Charge:	\$0.031750	/ kWh *	1,821,577 kWh =	\$57,835.07
Net Congestion, Losses, FTR:	\$0.004430	/ kWh *		\$8,069.17
Capacity Credit:	\$1.287733	/ kW *	-3,498 kW =	-\$4,504.49
REC Credit (Estimate)	-\$0.001750	/ kWh	1,821,577 kWh	-\$3,187.76

**Subtotal**

**1,821,577 kWh =**  
**\$271,659.95**

**Meldahl Hydro - Sched @ Meldahl Bus**

Demand Charge:	\$34.330000	/ kW *	504 kW =	\$17,302.32
Energy Charge:	\$0.031750	/ kWh *	224,737 kWh =	\$7,135.39
Net Congestion, Losses, FTR:	-\$0.000074	/ kWh *		-\$16.70
Capacity Credit:	\$4.744683	/ kW *	-504 kW =	-\$2,391.32
REC Credit (Estimate)				-\$393.29

**Subtotal**

**224,737 kWh =**  
**\$21,636.40**

**JV6 - Sched @ ATSI**

Demand Charge:			300 kW	
Energy Charge:			15,442 kWh	
Transmission Credit:	\$0.155833	/ kW *	-300 kW =	-\$46.75
Capacity Credit:	\$0.331667	/ kW *	-300 kW =	-\$99.50

**Subtotal**

**15,442 kWh =**  
**-\$146.25**

**Greenup Hydro - Sched @ Greenup Bus**

Demand Charge:	\$6.843424	/ kW *	330 kW =	\$2,258.33
Energy Charge:	\$0.005887	/ kWh *	161,101 kWh =	\$948.32
Net Congestion, Losses, FTR:	\$0.001336	/ kWh *		\$215.27
Capacity Credit:	\$3.836848	/ kW *	-330 kW =	-\$1,266.16
Debt Service	\$19.601758	/ kW	330 kW	\$6,468.58
Board Approved Rate Levelization				\$3,207.90
REC Credit (Estimate)				-\$281.93

**Subtotal**

**161,101 kWh =**  
**\$11,550.31**

**Prairie State - Sched @ PJMC**

Demand Charge:	\$11.584168	/ kW *	4,976 kW =	\$57,642.82
Energy Charge:	\$0.011856	/ kWh *	3,651,061 kWh =	\$43,285.96
Net Congestion, Losses, FTR:	\$0.004521	/ kWh *		\$16,505.62
Capacity Credit:	\$4.048969	/ kW *	-4,976 kW =	-\$20,147.67
Debt Service	\$20.213221	/ kW	4,976 kW	\$100,580.99
Transmission from PSEC to PJM/MISO, including non-Prairie State variable charges/credits	\$0.006742	/ kWh	3,651,061 kWh	\$24,616.16
Board Approved Rate Levelization				-\$4,650.71

**Subtotal**

**3,651,061 kWh =**  
**\$217,833.17**

**NYPA - Sched @ NYIS**

Demand Charge:	\$6.257787	/ kW *	940 kW =	\$5,882.32
Energy Charge:	\$0.016486	/ kWh *	547,533 kWh =	\$9,026.52
Net Congestion, Losses, FTR:	\$0.003374	/ kWh *		\$1,847.56
Capacity Credit:	\$5.011754	/ kW *	-935 kW =	-\$4,685.99
Adjustment for prior month:				\$1,904.00

**Subtotal**

**547,533 kWh =**  
**\$13,974.41**

**JV5 - 7X24 @ ATSI**

Demand Charge:			3,088 kW	
Energy Charge:			2,297,472 kWh	
Transmission Credit:	\$4.658682	/ kW *	-3,088 kW =	-\$14,386.01
Capacity Credit:	\$5.009764	/ kW *	-3,088 kW =	-\$15,470.15

**Subtotal**

**2,297,472 kWh =**  
**-\$29,856.16**

**JV5 Losses - Sched @ ATSI**

Energy Charge:			33,562 kWh	
<b>Subtotal</b>			<b>33,562 kWh =</b>	<b>\$0.00</b>

**JV2 - Sched @ ATSI**

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

**DETAIL INFORMATION OF POWER CHARGES July , 2018**

**Napoleon**

Energy Charge:	\$0.044731	/ kWh *	3,066 kWh =	\$137.14
Transmission Credit:	\$3.377879	/ kW *	-264 kW =	-\$891.76
Capacity Credit:	\$4.264053	/ kW *	-264 kW =	-\$1,125.71
<b>Subtotal</b>			<b>3,066 kWh =</b>	<b>-\$1,880.33</b>
<b>AMP Solar Phase I - Sched @ ATSI</b>				
Demand Charge:			1,040 kW	
Energy Charge:	\$0.087000	/ kWh *	95,501 kWh =	\$8,308.57
<b>Subtotal</b>			<b>95,501 kWh =</b>	<b>\$8,308.57</b>
<b>Morgan Stanley 2015-2020 - 7x24 @ AD</b>				
Demand Charge:			3,800 kW	
Energy Charge:	\$0.062950	/ kWh *	2,827,200 kWh =	\$177,972.24
Net Congestion, Losses, FTR:	\$0.001795	/ kWh *		\$5,073.76
<b>Subtotal</b>			<b>2,827,200 kWh =</b>	<b>\$183,046.00</b>
<b>Efficiency Smart Power Plant 2017-2020</b>				
ESPP 2017-2020 obligation @ \$1.400 /MWh x 154,389.7 MWh / 12				\$18,012.14
<b>Subtotal</b>			<b>0 kWh =</b>	<b>\$18,012.14</b>
<b>Northern Power Pool:</b>				
On Peak Energy Charge: (M-F HE 08-23 EDT)	\$0.053919	/ kWh *	333,204 kWh =	\$17,966.18
Off Peak Energy Charge:	\$0.047752	/ kWh *	120,252 kWh =	\$5,742.26
Sale of Excess Non-Pool Resources to Pool	\$0.028939	/ kWh *	-1,911,045 kWh =	-\$55,303.15
Pool Congestion Hedge				\$3,822.65
<b>Subtotal</b>	<b>\$0.019053</b>	<b>/ kWh *</b>	<b>-1,457,589 kWh =</b>	<b>-\$27,772.06</b>
<b>Total Demand Charges:</b>				<b>\$312,225.75</b>
<b>Total Energy Charges:</b>				<b>\$509,764.24</b>
<b>Total Power Charges:</b>			<b>15,234,049 kWh</b>	<b>\$821,989.99</b>
<b>TRANSMISSION / CAPACITY / ANCILLARY SERVICES:</b>				
Demand Charge:	\$4.658683	/ kW *	29,687 kW =	\$138,302.31
Energy Charge:	\$0.000281	/ kWh *	12,936,577 kWh =	\$3,628.81
RPM (Capacity) Charges:	\$6.845700	/ kW *	29,050 kW =	\$198,864.85
<b>TRANSMISSION / CAPACITY / ANCILLARY SERVICES:</b>	<b>\$0.026344</b>	<b>/ kWh *</b>	<b>12,936,577 kWh =</b>	<b>\$340,795.97</b>
Dispatch Center Charges:	\$0.000017	/ kWh *	15,271,276 kWh =	\$253.71
<b>Service Fee Part A,</b>				
Based on Annual Municipal Sales	\$0.000229	/ kWh *	145,364,250 kWh 1/12 =	\$2,774.03
SFA Adjustment for January-June				-\$1,033.42
<b>Service Fee Part B,</b>				
Energy Purchases	\$0.000580	/ kWh *	15,271,276 kWh =	\$8,857.34
<b>TOTAL OTHER CHARGES:</b>				<b>\$10,851.66</b>
<b>GRAND TOTAL POWER INVOICE:</b>				<b>\$1,173,637.62</b>



Napoleon		Capacity Plan - Actual												
Jul	2018	ACTUAL DEMAND =			30.60	MW								
Days	31	ACTUAL ENERGY =			15,271	MWH								
	SOURCE	DEMAND	DEMAND	ENERGY	LOAD	DEMAND	ENERGY	CONGESTION/L	CAPACITY	TRANSMISSION		EFFECTIVE	%	
	(1)	MW	MW-MO	MWH	FACTOR	RATE	RATE	OSSES	CREDIT RATE	CREDIT RATE	TOTAL	RATE	OF	
		(2)	(3)	(4)	(5)	\$/KW	\$/MWH	\$/MWH	\$/KW	\$/KW	CHARGES	\$/MWH	DOLLARS	
1	NYPA - Ohio	0.94	0.94	548	78%	\$6.26	\$19.96	\$3.37	-\$4.99		\$13,974	\$25.52	1.1%	
2	JV5	3.09	3.09	2,297	100%	\$29.16	\$20.08		-\$5.01	-\$4.66	\$106,307	\$46.27	8.1%	
3	JV5 Losses	0.00	0.00	34	0%						\$0		0.0%	
4	JV6	0.30	0.30	15	7%	\$5.31			-\$0.16	-\$0.33	\$1,448	\$93.74	0.1%	
5	AMP-Hydro	3.50	3.50	1,822	70%	\$61.02	\$30.00	\$4.43	-\$1.29		\$271,660	\$149.13	20.7%	
6	Meldahl	0.50	0.50	225	60%	\$34.33	\$30.00	-\$0.07	-\$4.74		\$21,636	\$96.27	1.7%	
7	Greenup	0.33	0.33	161	66%	\$36.17	\$4.14	\$1.34	-\$3.84		\$11,550	\$71.70	0.9%	
8	AFEC	8.77	8.77	4,821	74%	\$8.88	\$26.82	\$3.17	-\$4.50		\$183,035	\$37.96	14.0%	
9	Prairie State	4.98	4.98	3,651	99%	\$30.86	\$18.60	\$4.52	-\$4.05		\$217,833	\$59.66	16.6%	
10	AMP Solar Phase I	1.04	1.04	96	12%		\$87.00				\$8,309	\$87.00	0.6%	
11	Morgan Stanley 2015-2020 7x24	3.80	3.80	2,827	100%		\$62.95	\$1.79			\$183,046	\$64.74	14.0%	
12	AMPCT	12.40	12.40	192	2%	\$2.55	\$90.55		-\$3.85	-\$3.92	-\$47,411	-\$246.97	-3.6%	
13	JV2	0.26	0.26	3	2%	\$2.81	\$44.73		-\$4.26	-\$3.38	-\$1,140		-0.1%	
14	NPP Pool Purchases	0.00	0.00	453	0%		\$60.71				\$27,531	\$60.71	2.1%	
15	NPP Pool Sales	0.00		-1,911	0%		\$28.94				-\$55,303	\$28.94	-4.2%	
	POWER TOTAL	39.91	39.91	15,234	51%	\$604,007	\$492,340	\$3.08	-\$136,811	-\$64,043	\$942,475	\$61.87	71.9%	
16	Energy Efficiency			0							\$18,012		1.4%	
17	Installed Capacity	29.05	29.05			\$6.85					\$198,865	\$13.02	15.2%	
18	Transmission	29.69	29.69	12,937		\$4.66	\$0.28				\$141,931	\$9.29	10.8%	
19	Service Fee B			15,271			\$0.58				\$8,857	\$0.58	0.7%	
20	Dispatch Charge			15,271			\$0.02				\$254	\$0.02	0.0%	
	OTHER TOTAL					\$337,167	\$30,752				\$367,919	\$24.09	28.1%	
GRAND TOTAL PURCHASED				15,234							\$1,310,395			
Delivered to members		30.599	30.599	15,271	67%						\$1,310,395	\$85.81	100.0%	
		DEMAND		ENERGY	L.F.						TOTAL \$	\$/MWh	Avg Temp	
	2018 Forecast	35.81		14,883	56%						\$1,343,815	\$90.29	73.5	
	2017 Actual	30.58		14,611	64%						\$1,269,513	\$86.89	72.3	
	2016 Actual	35.90		14,921	56%						\$1,167,580	\$78.25	74.9	
											Actual Temp		74.9	

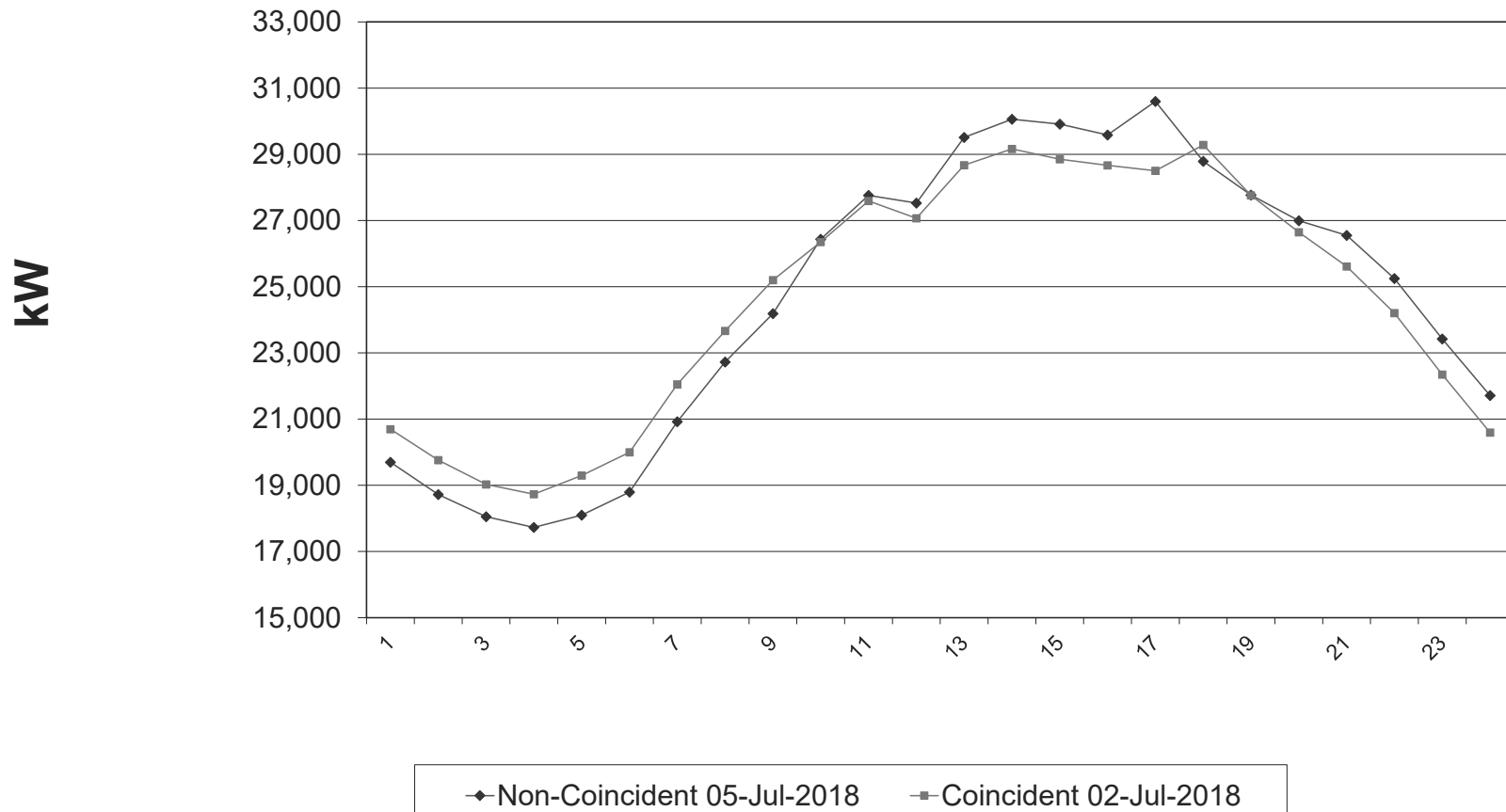
NAPOLEON

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Date	7/1/2018	7/2/2018	7/3/2018	7/4/2018	7/5/2018	7/6/2018	7/7/2018	7/8/2018	7/9/2018	7/10/2018	7/11/2018	7/12/2018	7/13/2018	7/14/2018	7/15/2018
Hour															
100	17,758	20,697	19,268	18,926	19,700	20,462	13,246	12,545	16,133	19,201	18,452	17,614	17,664	17,582	17,228
200	16,764	19,761	18,443	17,958	18,721	19,388	12,768	12,068	15,494	18,452	17,764	16,962	17,059	16,826	16,670
300	15,992	19,030	17,748	17,218	18,050	18,236	12,167	11,576	14,956	17,486	16,807	16,129	16,100	16,003	16,247
400	15,544	18,731	17,739	16,929	17,729	18,243	11,970	11,615	15,216	17,562	16,688	16,189	16,038	15,641	15,917
500	15,215	19,299	18,233	16,759	18,099	18,901	12,122	11,545	16,204	18,160	17,245	16,781	16,642	15,610	15,768
600	15,009	20,001	18,992	16,608	18,794	19,455	12,060	11,115	16,595	18,891	17,605	17,393	17,580	15,672	15,682
700	15,783	22,050	21,447	17,286	20,922	20,377	12,743	11,635	18,588	20,925	19,118	19,101	19,361	16,202	16,234
800	17,615	23,665	23,705	18,407	22,725	21,687	13,996	12,789	20,482	23,062	20,703	20,741	21,138	17,183	17,748
900	19,405	25,202	25,121	20,292	24,186	22,324	14,834	13,557	21,901	24,979	21,747	21,782	22,515	18,993	19,388
1000	21,392	26,350	26,588	21,705	26,435	22,556	15,487	14,726	23,315	26,306	22,849	22,523	23,813	20,852	21,160
1100	23,039	27,589	27,870	22,973	27,762	22,920	15,904	15,742	24,499	27,310	23,666	23,705	24,955	21,769	22,625
1200	24,074	27,067	28,119	23,679	27,527	23,286	16,264	16,713	25,563	28,792	24,454	24,794	25,917	22,583	23,764
1300	24,892	28,675	29,391	24,808	29,513	23,244	16,660	17,378	26,529	29,066	25,076	25,855	26,998	23,005	24,812
1400	25,216	29,164	29,654	25,225	30,058	23,011	16,948	18,107	27,044	26,852	25,496	26,174	27,633	23,013	25,445
1500	25,413	28,851	29,456	25,245	29,914	22,425	16,935	18,958	27,234	27,727	25,834	26,498	27,680	23,430	26,187
1600	25,939	28,667	29,360	25,766	29,587	22,132	17,203	19,853	27,389	27,481	26,049	26,525	27,493	23,683	26,617
1700	26,234	28,505	29,705	25,589	30,599	21,721	17,453	20,444	27,671	27,629	26,088	26,508	27,353	23,288	27,002
1800	26,350	29,283	27,337	25,751	28,786	21,338	17,269	20,726	27,594	28,708	25,635	26,001	27,029	22,715	26,846
1900	25,799	27,762	26,222	25,232	27,769	20,631	16,941	20,699	27,158	26,458	24,990	24,797	26,489	22,186	26,088
2000	25,064	26,647	25,199	24,503	26,997	19,682	16,358	19,891	26,358	25,384	24,079	24,055	25,528	21,640	25,568
2100	24,400	25,615	24,723	23,748	26,550	18,960	15,768	19,347	25,442	24,446	23,418	23,286	24,710	21,574	24,844
2200	23,771	24,203	23,547	23,013	25,246	17,868	15,292	18,444	23,750	22,806	21,842	21,973	22,980	20,737	23,716
2300	22,746	22,348	21,566	22,449	23,421	15,788	14,157	17,609	22,106	21,348	20,276	20,237	20,346	19,425	22,598
2400	21,823	20,597	20,189	20,940	21,711	14,186	13,274	16,968	20,515	19,759	18,796	18,858	18,806	18,155	21,107
Total	515,237	589,759	579,622	521,009	590,801	488,821	357,819	384,050	537,736	568,790	524,677	524,481	541,827	477,767	519,261

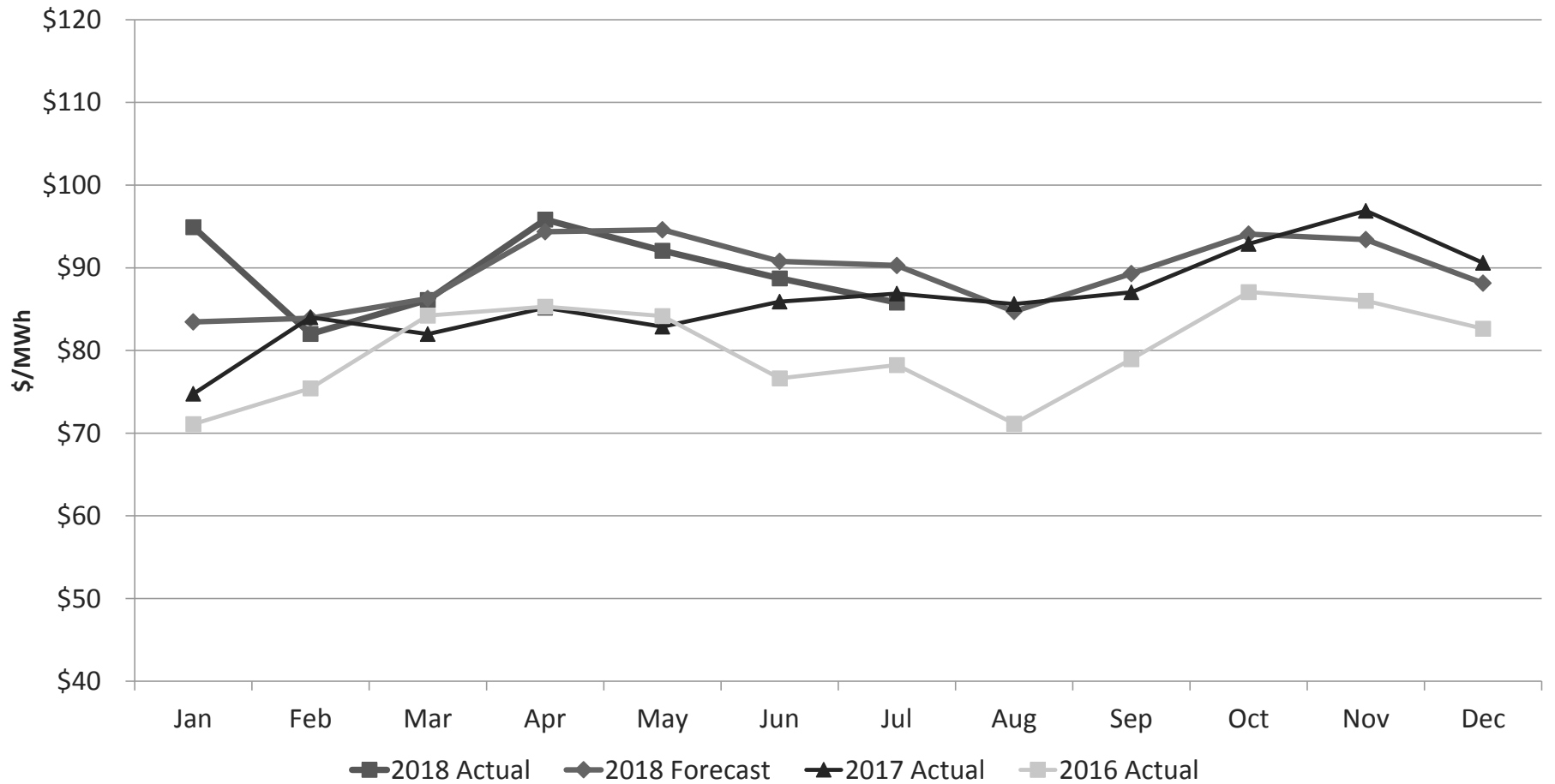
  

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday
Date	7/16/2018	7/17/2018	7/18/2018	7/19/2018	7/20/2018	7/21/2018	7/22/2018	7/23/2018	7/24/2018	7/25/2018	7/26/2018	7/27/2018	7/28/2018	7/29/2018	7/30/2018	7/31/2018
Hour																
100	20,022	20,341	17,215	17,469	17,805	14,187	13,582	14,922	17,485	18,045	17,700	16,650	14,171	12,974	15,709	16,271
200	19,439	19,280	16,593	16,784	16,988	13,842	13,200	14,851	16,926	17,435	17,222	16,320	13,588	12,479	15,490	16,107
300	18,880	17,923	15,851	15,997	16,403	13,555	12,947	14,688	16,249	16,659	16,463	15,735	13,233	12,157	15,290	15,591
400	18,706	17,610	16,161	16,118	16,451	13,652	12,974	14,896	16,529	16,881	16,494	15,691	13,150	12,195	15,510	15,933
500	19,694	18,045	16,720	16,896	17,214	14,203	13,115	16,020	17,336	17,436	17,059	16,375	13,301	12,162	16,373	16,541
600	20,270	18,417	17,061	17,426	17,832	14,434	13,357	16,642	18,232	18,114	17,934	16,970	13,696	11,829	17,287	17,408
700	21,906	20,066	18,705	18,886	19,333	14,954	13,690	18,009	19,517	19,410	19,054	18,501	14,119	12,449	18,890	18,761
800	24,159	21,884	20,298	20,403	20,516	15,845	14,764	19,355	20,726	21,449	20,155	19,651	15,187	13,218	19,906	19,904
900	25,550	23,133	21,230	21,142	20,871	16,570	15,692	20,219	21,845	22,965	21,196	20,849	16,150	14,231	20,509	20,704
1000	26,689	24,361	22,394	22,252	21,520	17,316	16,323	20,861	22,721	24,110	22,059	21,566	16,645	15,052	21,060	21,291
1100	27,899	25,119	22,745	22,931	21,857	17,378	17,334	21,480	23,877	25,391	23,531	22,288	17,240	16,092	21,562	21,696
1200	28,285	25,714	23,502	23,958	22,028	17,490	17,950	22,273	24,341	26,205	24,053	22,516	17,748	16,554	21,928	21,737
1300	29,312	26,021	24,101	24,461	22,279	17,501	18,046	22,852	24,671	26,828	25,179	22,800	17,671	16,705	22,361	22,163
1400	27,950	26,158	24,817	25,032	22,614	17,465	17,765	23,116	25,039	27,374	25,623	23,052	17,730	17,025	22,086	22,016
1500	28,727	25,838	24,466	24,999	22,244	17,400	17,909	22,798	25,145	27,726	25,061	22,801	17,407	17,402	21,513	21,128
1600	28,291	25,518	24,506	25,317	21,857	17,454	17,629	22,664	25,565	27,520	24,769	22,781	17,791	17,763	21,145	21,114
1700	28,222	25,458	24,427	25,283	21,275	17,296	17,870	22,728	25,373	27,385	24,285	22,067	17,702	17,685	20,640	20,845
1800	29,030	24,956	24,078	25,368	20,006	16,735	17,262	22,488	25,002	26,745	24,051	21,582	17,711	17,686	20,159	20,410
1900	27,541	24,269	23,490	24,750	19,108	16,275	17,043	21,736	24,097	25,913	22,893	20,778	17,178	17,437	19,661	19,950
2000	26,615	23,320	22,902	23,866	18,644	16,223	16,876	21,339	23,312	24,775	21,948	19,856	16,665	17,695	19,521	20,027
2100	25,958	22,753	22,361	23,018	18,680	16,458	17,260	21,344	22,983	23,750	21,287	19,472	16,730	18,101	20,013	19,961
2200	24,470	21,322	20,972	21,825	17,816	15,793	16,584	20,342	21,740	22,076	19,988	18,223	15,980	17,306	18,931	18,879
2300	22,852	19,594	19,488	20,418	16,025	14,858	15,917	19,267	20,356	20,563	18,750	16,486	14,697	16,958	17,661	17,965
2400	21,679	18,227	18,394	19,044	15,001	14,157	15,497	18,414	19,056	19,039	17,654	15,013	13,617	16,304	16,911	17,296
Total	592,146	517,100	502,477	513,643	464,367	381,041	380,586	473,304	518,123	543,794	504,408	468,023	379,107	369,459	460,116	463,698
											Maximum	30,599	Minimum	11,115	Grand Total	15,271,276

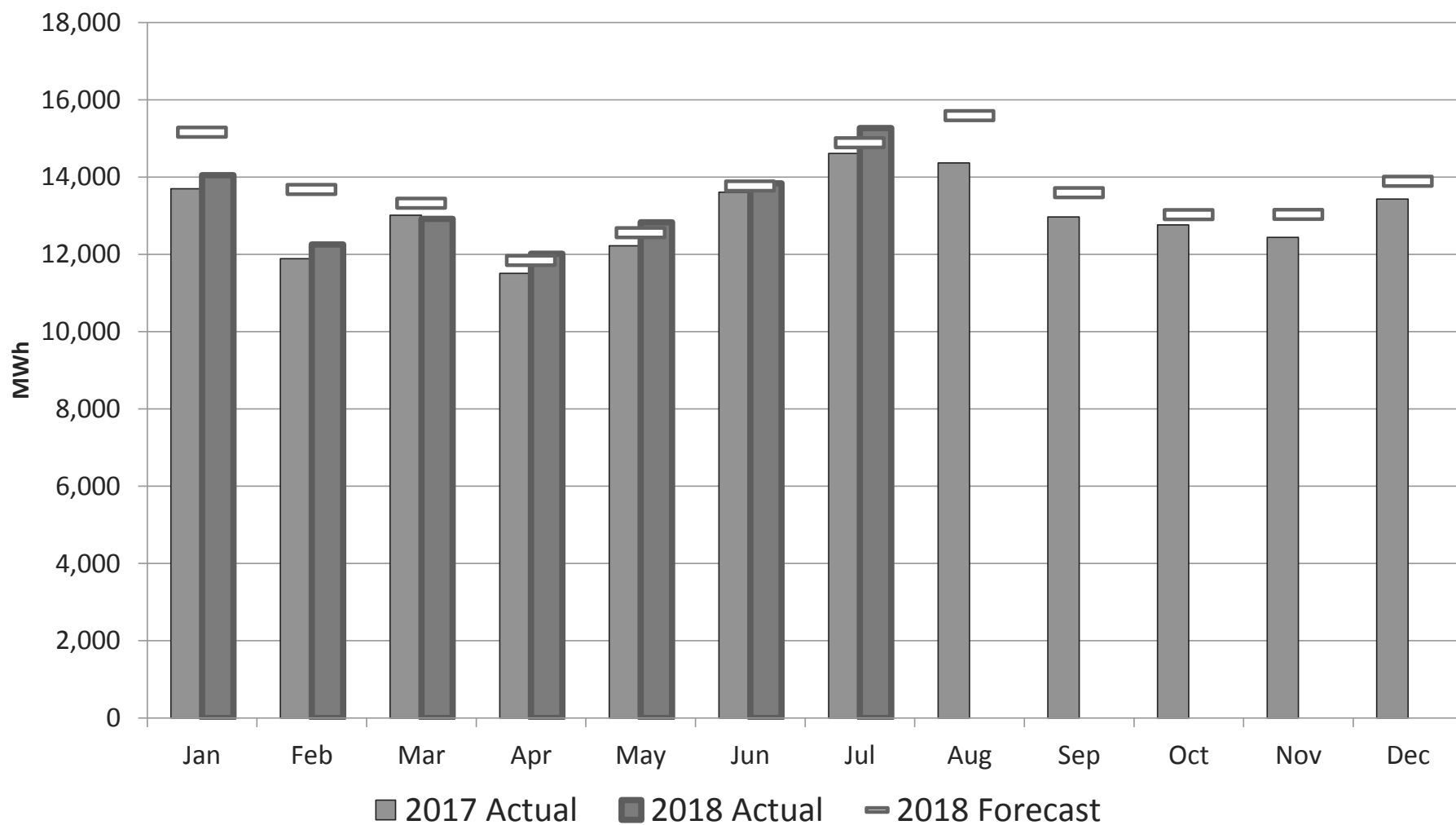
## Napoleon Peak Day Load Curve



## 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:** 203882**INVOICE DATE:** 8/3/2018**DUE DATE:** 8/13/2018**TOTAL AMOUNT DUE:** \$740.81**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 -****July, 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		=	\$104.57

**TOTAL CHARGES****\$740.81**



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:** 203946  
**INVOICE DATE:** 8/1/2018  
**DUE DATE:** 8/13/2018  
**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:**     **July, 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

---

<b>TOTAL DEMAND CHARGES:</b>	<b>\$11.226674</b>	<b>/ kW *</b>	<b>3,088 kW =</b>	<b>\$34,667.97</b>
------------------------------	--------------------	---------------	-------------------	--------------------

**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

---

<b>TOTAL ENERGY CHARGES:</b>	<b>\$0.020077</b>	<b>/ kWh *</b>	<b>2,297,472 kWh =</b>	<b>\$46,127.06</b>
------------------------------	-------------------	----------------	------------------------	--------------------

---

<b>SUB-TOTAL</b>				<b>\$80,795.03</b>
------------------	--	--	--	--------------------

---

<b>Total OMEGA JV5 Invoice:</b>	<b>\$80,795.03</b>
---------------------------------	--------------------

---



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: 203988  
INVOICE DATE: 8/1/2018  
DUE DATE: 8/13/2018  
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:**      **August, 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:** 203670**INVOICE DATE:** 7/2/2018**DUE DATE:** 7/12/2018**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**

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

---

**TOTAL CHARGES****\$1,593.83**

---

**AMERICAN MUNICIPAL POWER, INC.**

1111 Schrock Rd, Suite 100

COLUMBUS, OHIO 43229

PHONE: (614) 540-1111

FAX: (614) 540-1078

INVOICE NUMBER: 204006

INVOICE DATE: 8/1/2018

DUE DATE: 8/13/2018

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**

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

---

---

**TOTAL CHARGES****\$1,593.83**

---

---

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

<b>2018 SEPTEMBER BILLING - ELECTRIC PSCAF - BILLING COMPARISONS TO PRIOR PERIODS</b>										
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	September	August	September			September	August	September
<u>Customer Type</u>	<u>Usage</u>	<u>Units</u>	<u>2018 Rate</u>	<u>2018 Rate</u>	<u>2017 Rate</u>	<u>Usage</u>	<u>Units</u>	<u>2018 Rate</u>	<u>2018 Rate</u>	<u>2017 Rate</u>
<u>Customer Type -&gt;</u>	<b><u>RESIDENTIAL USER - (w/Gas Heat)</u></b>					<b><u>RESIDENTIAL USER - (All Electric)</u></b>				
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	\$17.97	\$21.54	\$10.19	1,976	kWh	\$36.30	\$43.51	\$20.59
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										
<b>Total Electric</b>			<b>\$120.65</b>	<b>\$124.22</b>	<b>\$112.87</b>			<b>\$228.73</b>	<b>\$235.94</b>	<b>\$213.02</b>
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
<b>Sub-Other Services</b>			<b>\$148.94</b>	<b>\$148.94</b>	<b>\$144.62</b>			<b>\$209.53</b>	<b>\$209.53</b>	<b>\$201.64</b>
<b>Total Billing - All Services</b>			<b>\$269.59</b>	<b>\$273.16</b>	<b>\$257.49</b>			<b>\$438.26</b>	<b>\$445.47</b>	<b>\$414.66</b>
Verification Totals->			\$269.59	\$273.16	\$257.49			\$438.26	\$445.47	\$414.66
				<u>Cr.Mo to Pr.Mo</u>	<u>Cr.Yr to Pr.Yr</u>				<u>Cr.Mo to Pr.Mo</u>	<u>Cr.Yr to Pr.Yr</u>
Dollar Chg.to Prior Periods				-\$3.57	\$12.10				-\$7.21	\$23.60
% Inc/Dec(-) to Prior Periods				-1.31%	4.70%				-1.62%	5.69%
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Cost/kWH - Electric	978	kWh	\$0.12336	\$0.12701	\$0.11541	1,976	kWh	\$0.11575	\$0.11940	\$0.10780
% Inc/Dec(-) to Prior Periods				-2.87%	6.89%				-3.06%	7.37%
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%
(Listed Accounts Assume SAME USAGE for kWH and Water (CCF) for All Billing Periods)										

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

2018 SEPTEMBER BILLING - E											
Rate Comparisons to Prior Month and Prior Year											
			Current	Prior Month	Prior Year			Current	Prior Month	Prior Year	
	Service	Service	September	August	September		Service	Service	September	August	
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	\$129.32	\$155.02	\$73.36			\$15,114.89	\$18,118.12	\$8,573.61	
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			\$931.70	\$957.40	\$875.74			\$83,349.62	\$86,352.85	\$76,808.34	
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			\$1,295.81	\$1,321.51	\$1,220.90			\$87,339.42	\$90,342.65	\$80,597.44	
Verification Totals->			\$1,295.81	\$1,321.51	\$1,220.90			\$87,339.42	\$90,342.65	\$80,597.44	
				Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr				Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr	
Dollar Chg.to Prior Periods				-\$25.70	\$74.91				-\$3,003.23	\$6,741.98	
% Inc/Dec(-) to Prior Periods				-1.94%	6.14%				-3.32%	8.37%	
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	
Cost/kWH - Electric	7,040	kWh	\$0.13234	\$0.13599	\$0.12439	866,108	kWh	\$0.09623	\$0.09970	\$0.08868	
% Inc/Dec(-) to Prior Periods				-2.68%	6.39%				-3.48%	8.51%	
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%	
(Listed Accounts Assume SAME USA)											

**BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - SEPTEMBER, 2018**

SEPTEMBER, 2018															
2018 - SEPTEMBER BILLING WITH JULY 2018 AMP BILLING PERIOD AND AUGUST 2018 CITY CONSUMPTION AND BILLING DATA															
Class and/or Schedule	Rate Code	# of Bills	Aug-18 (kWh Usage)	Aug-18 Billed	Billed kVa of Demand	Cost / kWh For Month	Prior 12 Mo Average	# of Bills	Sep-17 (kWh Usage)	Sep-17 Billed	Cost / kWh For Month	# of Bills	Oct-17 (kWh Usage)	Oct-17 Billed	Cost / kWh For Month
Residential (Dom-In)	E1	3,341	3,151,485	\$400,929.74	0	\$0.1272	\$0.1228	3,342	2,976,085	\$345,350.78	\$0.1160	3,332	2,223,727	\$263,326.85	\$0.1184
Residential (Dom-In) w/Ecosmart	E1E	8	6,640	\$850.61	0	\$0.1281	\$0.1244	9	6,913	\$809.37	\$0.1171	9	5,030	\$604.13	\$0.1201
Residential (Dom-In - All Electric)	E2	606	481,142	\$61,772.51	0	\$0.1284	\$0.1209	608	462,086	\$54,138.22	\$0.1172	601	358,277	\$42,791.55	\$0.1194
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	809	\$103.78	0	\$0.1283	\$0.1243	1	913	\$105.77	\$0.1158	1	601	\$71.72	\$0.1193
<b>Total Residential (Domestic)</b>		<b>3,956</b>	<b>3,640,076</b>	<b>\$463,656.64</b>	<b>0</b>	<b>\$0.1274</b>	<b>\$0.1224</b>	<b>3,960</b>	<b>3,445,997</b>	<b>\$400,404.14</b>	<b>\$0.1162</b>	<b>3,943</b>	<b>2,587,635</b>	<b>\$306,794.25</b>	<b>\$0.1186</b>
Residential (Rural-Out)	ER1	787	895,059	\$120,261.79	0	\$0.1344	\$0.1286	776	867,199	\$106,585.60	\$0.1229	777	664,288	\$83,537.14	\$0.1258
Residential (Rural-Out) w/Ecosmart	ER1E	4	3,437	\$471.60	0	\$0.1372	\$0.1323	4	3,102	\$393.53	\$0.1269	4	2,206	\$291.63	\$0.1322
Residential (Rural-Out - All Electric)	ER2	373	463,633	\$61,942.20	0	\$0.1336	\$0.1269	376	455,552	\$55,674.82	\$0.1222	376	361,254	\$44,970.86	\$0.1245
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	2,196	\$295.76	0	\$0.1347	\$0.1274	2	2,185	\$269.03	\$0.1231	2	1,534	\$194.96	\$0.1271
Residential (Rural-Out w/Dmd)	ER3	16	16,508	\$2,231.69	213	\$0.1352	\$0.1212	16	17,174	\$2,115.60	\$0.1232	16	12,662	\$1,603.74	\$0.1267
Residential (Rural-Out - All Electric w/Dm)	ER4	9	9,150	\$1,238.53	68	\$0.1354	\$0.1253	9	8,328	\$1,038.77	\$0.1247	9	7,172	\$907.99	\$0.1266
<b>Total Residential (Rural)</b>		<b>1,191</b>	<b>1,389,983</b>	<b>\$186,441.57</b>	<b>281</b>	<b>\$0.1341</b>	<b>\$0.1278</b>	<b>1,183</b>	<b>1,353,540</b>	<b>\$166,077.35</b>	<b>\$0.1227</b>	<b>1,184</b>	<b>1,049,116</b>	<b>\$131,506.32</b>	<b>\$0.1253</b>
Commercial (1 Ph-In - No Dmd)	EC2	73	35,297	\$5,773.50	8	\$0.1636	\$0.1560	76	40,897	\$6,098.23	\$0.1491	76	34,747	\$5,333.29	\$0.1535
Commercial (1 Ph-Out - No Dmd)	EC2O	48	7,870	\$1,668.23	0	\$0.2120	\$0.1996	48	7,971	\$1,589.79	\$0.1994	48	7,344	\$1,510.81	\$0.2057
<b>Total Commercial (1 Ph) No Dmd</b>		<b>121</b>	<b>43,167</b>	<b>\$7,441.73</b>	<b>8</b>	<b>\$0.1724</b>	<b>\$0.1643</b>	<b>124</b>	<b>48,868</b>	<b>\$7,688.02</b>	<b>\$0.1573</b>	<b>124</b>	<b>42,091</b>	<b>\$6,844.10</b>	<b>\$0.1626</b>
Commercial (1 Ph-In - w/Demand)	EC1	261	348,059	\$54,469.26	2054	\$0.1565	\$0.1492	259	411,769	\$58,197.76	\$0.1413	259	379,198	\$53,697.15	\$0.1416
Commercial (1 Ph-Out - w/Demand)	EC1O	25	46,585	\$6,646.59	162	\$0.1427	\$0.1360	25	47,917	\$6,566.44	\$0.1370	25	44,552	\$5,902.21	\$0.1325
<b>Total Commercial (1 Ph) w/Demand</b>		<b>286</b>	<b>394,644</b>	<b>\$61,115.85</b>	<b>2,216</b>	<b>\$0.1549</b>	<b>\$0.1476</b>	<b>284</b>	<b>459,686</b>	<b>\$64,764.20</b>	<b>\$0.1409</b>	<b>284</b>	<b>423,750</b>	<b>\$59,599.36</b>	<b>\$0.1406</b>
Commercial (3 Ph-Out - No Dmd)	EC4O	2	40	\$41.55	9	\$1.0388	\$0.1389	2	40	\$41.09	\$1.0273	2	80	\$46.17	\$0.5771
<b>Total Commercial (3 Ph) No Dmd</b>		<b>2</b>	<b>40</b>	<b>\$41.55</b>	<b>9</b>	<b>\$1.0388</b>	<b>\$0.1389</b>	<b>2</b>	<b>40</b>	<b>\$41.09</b>	<b>\$1.0273</b>	<b>2</b>	<b>80</b>	<b>\$46.17</b>	<b>\$0.5771</b>
Commercial (3 Ph-In - w/Demand)	EC3	206	1,726,146	\$237,768.88	6011	\$0.1377	\$0.1315	205	1,638,514	\$206,906.78	\$0.1263	204	1,692,732	\$214,231.62	\$0.1266
Commercial (3 Ph-Out - w/Demand)	EC3O	37	280,489	\$40,004.85	1360	\$0.1426	\$0.1319	38	276,505	\$35,724.78	\$0.1292	38	325,955	\$41,725.26	\$0.1280
Commercial (3 Ph-Out - w/Dmd & Sub-St.)	E3SO	3	123,520	\$15,953.58	451	\$0.1292	\$0.1227	3	116,040	\$13,907.06	\$0.1198	3	116,000	\$13,869.38	\$0.1196
Commercial (3 Ph-In - w/Demand, No Td)	EC3T	1	5,400	\$755.48	24	\$0.1399	\$0.1436	1	4,520	\$592.45	\$0.1311	1	5,480	\$770.10	\$0.1405
<b>Total Commercial (3 Ph) w/Demand</b>		<b>247</b>	<b>2,135,555</b>	<b>\$294,482.79</b>	<b>7,846</b>	<b>\$0.1379</b>	<b>\$0.1310</b>	<b>247</b>	<b>2,035,579</b>	<b>\$257,131.07</b>	<b>\$0.1263</b>	<b>246</b>	<b>2,140,167</b>	<b>\$270,596.36</b>	<b>\$0.1264</b>
Large Power (In - w/Dmd & Rct)	EL1	20	2,304,703	\$260,458.58	5199	\$0.1130	\$0.1076	20	2,427,551	\$243,182.88	\$0.1002	20	2,337,738	\$237,863.72	\$0.1017
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,044,331	\$109,898.03	2066	\$0.1052	\$0.0980	3	1,162,104	\$109,126.69	\$0.0939	3	1,123,509	\$108,039.15	\$0.0962
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	433,200	\$51,043.08	1095	\$0.1178	\$0.1050	1	484,800	\$47,774.37	\$0.0985	1	537,600	\$53,006.22	\$0.0986
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	80,568	\$15,820.11	565	\$0.1964	\$0.1490	2	79,957	\$19,155.55	\$0.2396	2	81,360	\$16,071.48	\$0.1975
<b>Total Large Power</b>		<b>26</b>	<b>3,862,802</b>	<b>\$437,219.80</b>	<b>8,925</b>	<b>\$0.1132</b>	<b>\$0.1055</b>	<b>26</b>	<b>4,154,412</b>	<b>\$419,239.49</b>	<b>\$0.1009</b>	<b>26</b>	<b>4,080,207</b>	<b>\$414,980.57</b>	<b>\$0.1017</b>
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,045,201	\$104,990.65	1941	\$0.1005	\$0.0935	1	1,175,166	\$100,988.96	\$0.0859	1	1,129,616	\$99,604.19	\$0.0882
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	874,860	\$86,734.40	1515	\$0.0991	\$0.0967	1	736,807	\$68,131.06	\$0.0925	1	796,422	\$72,352.61	\$0.0908
<b>Total Industrial</b>		<b>2</b>	<b>1,920,061</b>	<b>\$191,725.05</b>	<b>3,456</b>	<b>\$0.0999</b>	<b>\$0.0949</b>	<b>2</b>	<b>1,911,973</b>	<b>\$169,120.02</b>	<b>\$0.0885</b>	<b>2</b>	<b>1,926,038</b>	<b>\$171,956.80</b>	<b>\$0.0893</b>
Interdepartmental (In - No Dmd)	ED1	11	48,331	\$6,660.05	172	\$0.1378	\$0.1277	8	53,518	\$6,417.40	\$0.1199	8	30,204	\$3,954.95	\$0.1309
Interdepartmental (Out - w/Dmd)	ED2O	2	670	\$117.07	0	\$0.1747	\$0.1963	2	557	\$94.92	\$0.1704	2	288	\$60.78	\$0.2110
Interdepartmental (In - w/Dmd)	ED2	30	24,525	\$3,763.69	0	\$0.1535	\$0.1394	26	24,282	\$3,399.52	\$0.1400	26	20,645	\$2,940.06	\$0.1424
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	146,015	\$19,879.21	564	\$0.1361	\$0.1257	11	195,896	\$22,942.74	\$0.1171	11	191,075	\$22,412.21	\$0.1173
Interdepartmental (Street Lights)	EDSL	7	63,071	\$5,865.70	0	\$0.0930	\$0.0930	7	62,879	\$5,851.14	\$0.0931	7	62,879	\$5,850.15	\$0.0930
Interdepartmental (Traffic Signals)	EDTS	8	1,455	\$134.54	0	\$0.0925	\$0.0925	9	1,715	\$158.59	\$0.0925	9	1,641	\$151.75	\$0.0925
Generators (JV2 Power Cost Only)	GJV2	1	13,628	\$354.19	26	\$0.0260	\$0.0000	1	18,180	\$417.41	\$0.0230	1	19,650	\$149.14	\$0.0076
Generators (JV5 Power Cost Only)	GJV5	1	3,327	\$86.47	17	\$0.0260	\$0.0000	1	12,704	\$291.68	\$0.0230	1	12,615	\$95.75	\$0.0076
<b>Total Interdepartmental</b>		<b>71</b>	<b>301,022</b>	<b>\$36,860.92</b>	<b>779</b>	<b>\$0.1225</b>	<b>\$0.1134</b>	<b>65</b>	<b>369,731</b>	<b>\$39,573.40</b>	<b>\$0.1070</b>	<b>65</b>	<b>338,997</b>	<b>\$35,614.79</b>	<b>\$0.1051</b>
<b>SUB-TOTAL CONSUMPTION &amp; DEMAND</b>		<b>5,902</b>	<b>13,687,350</b>	<b>\$1,678,985.90</b>	<b>23,520</b>	<b>\$0.1227</b>	<b>\$0.1158</b>	<b>5,893</b>	<b>13,779,826</b>	<b>\$1,524,038.78</b>	<b>\$0.1106</b>	<b>5,876</b>	<b>12,588,081</b>	<b>\$1,397,938.72</b>	<b>\$0.1111</b>
Street Lights (In)	SLO	15	0	\$13.58	0	\$0.0000	\$0.0457	13	0	\$13.28	\$0.0000	13	0	\$13.28	\$0.0000
Street Lights (Out)	SLOO	2	0	\$1.92	0	\$0.0000	\$0.0000	2	0	\$1.92	\$0.0000	2	0	\$1.91	\$0.0000
<b>Total Street Light Only</b>		<b>17</b>	<b>0</b>	<b>\$15.50</b>	<b>0</b>	<b>\$0.0000</b>	<b>\$0.0517</b>	<b>15</b>	<b>0</b>	<b>\$15.20</b>	<b>\$0.0000</b>	<b>15</b>	<b>0</b>	<b>\$15.19</b>	<b>\$0.0000</b>
<b>TOTAL CONSUMPTION &amp; DEMAND</b>		<b>5,919</b>	<b>13,687,350</b>	<b>\$1,679,001.40</b>	<b>23,520</b>	<b>\$0.1227</b>	<b>\$0.1158</b>	<b>5,908</b>	<b>13,779,826</b>	<b>\$1,524,053.98</b>	<b>\$0.1106</b>	<b>5,891</b>	<b>12,588,081</b>	<b>\$1,397,953.91</b>	<b>\$0.1111</b>

<b>BILLING SUMMARY AND COST</b>																	
<b>SEPTEMBER, 2018</b>																	
<b>2018 - SEPTEMBER BILLING WITH JULY 2018 AI</b>																	
Class and/or	Rate	# of	Nov-17	Nov-17	Cost / kWh	# of	Dec-17	Dec-17	Cost / kWh	# of	Jan-18	Jan-18	Cost / kWh	# of	Feb-18	Feb-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)	Billed	For Month
Residential (Dom-In)	E1	3,342	2,183,770	\$258,960.04	\$0.1186	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
Residential (Dom-In) w/Ecosmart	E1E	9	5,189	\$621.37	\$0.1197	9	4,265	\$522.82	\$0.1226	9	4,807	\$590.89	\$0.1229	8	4,499	\$559.08	\$0.1243
Residential (Dom-In - All Electric)	E2	607	359,718	\$42,973.88	\$0.1195	600	411,193	\$48,798.42	\$0.1187	604	564,281	\$66,628.60	\$0.1181	602	864,143	\$101,722.88	\$0.1177
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	498	\$60.45	\$0.1214	1	543	\$65.68	\$0.1210	1	418	\$52.69	\$0.1261	1	535	\$66.78	\$0.1248
<b>Total Residential (Domestic)</b>		<b>3,959</b>	<b>2,549,175</b>	<b>\$302,615.74</b>	<b>\$0.1187</b>	<b>3,953</b>	<b>2,244,367</b>	<b>\$270,373.05</b>	<b>\$0.1205</b>	<b>3,949</b>	<b>2,580,342</b>	<b>\$311,861.94</b>	<b>\$0.1209</b>	<b>3,954</b>	<b>3,470,020</b>	<b>\$417,811.38</b>	<b>\$0.1204</b>
Residential (Rural-Out)	ER1	782	671,146	\$84,360.08	\$0.1257	780	685,224	\$86,337.74	\$0.1260	773	765,076	\$96,763.07	\$0.1265	771	986,496	\$124,341.31	\$0.1260
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,317	\$304.24	\$0.1313	4	2,675	\$346.59	\$0.1296	4	3,295	\$423.51	\$0.1285	4	4,035	\$517.35	\$0.1282
Residential (Rural-Out - All Electric)	ER2	375	356,797	\$44,441.94	\$0.1246	375	403,035	\$49,945.45	\$0.1239	376	472,990	\$58,795.22	\$0.1243	377	639,067	\$79,311.81	\$0.1241
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	1,712	\$215.25	\$0.1257	2	1,834	\$230.21	\$0.1255	2	2,390	\$298.17	\$0.1248	2	3,571	\$442.41	\$0.1239
Residential (Rural-Out w/Dmd)	ER3	16	15,601	\$1,938.09	\$0.1242	16	64,428	\$7,518.60	\$0.1167	16	139,280	\$16,276.44	\$0.1169	16	93,486	\$11,174.66	\$0.1195
Residential (Rural-Out - All Electric w/Dmd)	ER4	9	7,142	\$904.42	\$0.1266	9	24,064	\$2,842.60	\$0.1181	9	29,151	\$3,474.71	\$0.1192	9	11,992	\$1,508.09	\$0.1258
<b>Total Residential (Rural)</b>		<b>1,188</b>	<b>1,054,715</b>	<b>\$132,164.02</b>	<b>\$0.1253</b>	<b>1,186</b>	<b>1,181,260</b>	<b>\$147,221.19</b>	<b>\$0.1246</b>	<b>1,180</b>	<b>1,412,182</b>	<b>\$176,031.12</b>	<b>\$0.1247</b>	<b>1,179</b>	<b>1,738,647</b>	<b>\$217,295.63</b>	<b>\$0.1250</b>
Commercial (1 Ph-In - No Dmd)	EC2	76	32,527	\$5,050.68	\$0.1553	73	33,935	\$5,213.13	\$0.1536	72	33,842	\$5,248.60	\$0.1551	73	43,883	\$6,642.26	\$0.1514
Commercial (1 Ph-Out - No Dmd)	EC2O	48	7,470	\$1,526.63	\$0.2044	48	7,896	\$1,585.34	\$0.2008	48	11,116	\$2,015.82	\$0.1813	48	12,402	\$2,206.58	\$0.1779
<b>Total Commercial (1 Ph) No Dmd</b>		<b>124</b>	<b>39,997</b>	<b>\$6,577.31</b>	<b>\$0.1644</b>	<b>121</b>	<b>41,831</b>	<b>\$6,798.47</b>	<b>\$0.1625</b>	<b>120</b>	<b>44,958</b>	<b>\$7,264.42</b>	<b>\$0.1616</b>	<b>121</b>	<b>56,285</b>	<b>\$8,848.84</b>	<b>\$0.1572</b>
Commercial (1 Ph-In - w/Demand)	EC1	260	319,807	\$47,319.16	\$0.1480	261	291,661	\$43,822.32	\$0.1503	261	284,512	\$42,357.67	\$0.1489	261	328,599	\$48,114.24	\$0.1464
Commercial (1 Ph-Out - w/Demand)	EC1O	25	44,645	\$5,891.25	\$0.1320	26	42,872	\$5,729.42	\$0.1336	25	43,761	\$5,916.71	\$0.1352	25	50,064	\$6,772.87	\$0.1353
<b>Total Commercial (1 Ph) w/Demand</b>		<b>285</b>	<b>364,452</b>	<b>\$53,210.41</b>	<b>\$0.1460</b>	<b>287</b>	<b>334,533</b>	<b>\$49,551.74</b>	<b>\$0.1481</b>	<b>286</b>	<b>328,273</b>	<b>\$48,274.38</b>	<b>\$0.1471</b>	<b>286</b>	<b>378,663</b>	<b>\$54,887.11</b>	<b>\$0.1449</b>
Commercial (3 Ph-Out - No Dmd)	EC4O	2	40	\$41.09	\$0.10273	2	80	\$46.22	\$0.5778	2	17,480	\$2,292.64	\$0.1312	2	30,880	\$4,075.47	\$0.1320
<b>Total Commercial (3 Ph) No Dmd</b>		<b>2</b>	<b>40</b>	<b>\$41.09</b>	<b>\$0.10273</b>	<b>2</b>	<b>80</b>	<b>\$46.22</b>	<b>\$0.5778</b>	<b>2</b>	<b>17,480</b>	<b>\$2,292.64</b>	<b>\$0.1312</b>	<b>2</b>	<b>30,880</b>	<b>\$4,075.47</b>	<b>\$0.1320</b>
Commercial (3 Ph-In - w/Demand)	EC3	205	1,517,308	\$193,360.95	\$0.1274	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
Commercial (3 Ph-Out - w/Demand)	EC3O	38	294,347	\$39,396.29	\$0.1338	38	437,383	\$55,388.91	\$0.1266	37	498,587	\$62,293.93	\$0.1249	37	387,026	\$50,165.48	\$0.1296
Commercial (3 Ph-Out - w/Dmd.&Sub-St.)	E3SO	3	129,040	\$15,176.79	\$0.1176	3	111,840	\$13,266.17	\$0.1186	3	124,400	\$14,870.27	\$0.1195	3	121,400	\$14,925.35	\$0.1229
Commercial (3 Ph-In - w/Demand, No Tariff)	EC3T	1	4,360	\$641.13	\$0.1470	1	4,720	\$688.22	\$0.1458	1	1,880	\$317.02	\$0.1686	1	1,880	\$246.39	\$0.1311
<b>Total Commercial (3 Ph) w/Demand</b>		<b>247</b>	<b>1,945,055</b>	<b>\$248,575.16</b>	<b>\$0.1278</b>	<b>247</b>	<b>1,987,433</b>	<b>\$253,418.54</b>	<b>\$0.1275</b>	<b>245</b>	<b>1,906,855</b>	<b>\$244,235.46</b>	<b>\$0.1281</b>	<b>247</b>	<b>1,881,985</b>	<b>\$245,031.84</b>	<b>\$0.1302</b>
Large Power (In - w/Dmd & Rct)	EL1	20	2,135,368	\$229,141.71	\$0.1073	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
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,135,244	\$106,358.90	\$0.0937	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
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	550,800	\$53,439.61	\$0.0970	1	540,000	\$52,214.92	\$0.0967	1	480,000	\$48,097.78	\$0.1002	1	367,200	\$41,884.75	\$0.1141
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	76,818	\$10,209.80	\$0.1329	2	88,348	\$8,206.94	\$0.0929	2	85,831	\$8,470.21	\$0.0987	2	116,013	\$10,980.28	\$0.0946
<b>Total Large Power</b>		<b>26</b>	<b>3,898,230</b>	<b>\$399,150.02</b>	<b>\$0.1024</b>	<b>26</b>	<b>3,819,968</b>	<b>\$380,504.92</b>	<b>\$0.0996</b>	<b>26</b>	<b>3,499,672</b>	<b>\$357,962.56</b>	<b>\$0.1023</b>	<b>26</b>	<b>3,264,717</b>	<b>\$347,616.72</b>	<b>\$0.1065</b>
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,112,781	\$97,747.46	\$0.0878	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
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	957,307	\$86,295.32	\$0.0901	1	793,944	\$73,110.92	\$0.0921	1	580,356	\$61,860.44	\$0.1066	1	589,615	\$64,585.76	\$0.1095
<b>Total Industrial</b>		<b>2</b>	<b>2,070,088</b>	<b>\$184,042.78</b>	<b>\$0.0889</b>	<b>2</b>	<b>1,883,695</b>	<b>\$168,137.33</b>	<b>\$0.0893</b>	<b>2</b>	<b>1,589,219</b>	<b>\$155,551.45</b>	<b>\$0.0979</b>	<b>2</b>	<b>1,428,628</b>	<b>\$149,018.17</b>	<b>\$0.1043</b>
Interdepartmental (In - No Dmd)	ED1	9	30,726	\$3,903.70	\$0.1270	9	35,134	\$4,725.24	\$0.1345	9	47,039	\$5,798.00	\$0.1233	9	63,930	\$7,771.28	\$0.1216
Interdepartmental (Out - w/Dmd)	ED2O	2	365	\$70.56	\$0.1933	2	269	\$58.51	\$0.2175	2	275	\$59.76	\$0.2173	2	257	\$57.92	\$0.2254
Interdepartmental (In - w/Dmd)	ED2	26	22,151	\$3,130.33	\$0.1413	28	44,216	\$5,978.93	\$0.1352	32	59,195	\$8,039.29	\$0.1358	30	85,669	\$11,592.07	\$0.1353
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	170,644	\$19,992.77	\$0.1172	11	192,105	\$24,351.34	\$0.1268	11	232,067	\$29,509.11	\$0.1272	11	317,586	\$38,870.80	\$0.1224
Interdepartmental (Street Lights)	EDSL	7	63,071	\$5,865.70	\$0.0930	7	63,071	\$5,850.46	\$0.0928	7	63,071	\$5,874.10	\$0.0931	7	63,071	\$5,866.74	\$0.0930
Interdepartmental (Traffic Signals)	EDTS	9	1,699	\$157.09	\$0.0925	9	1,805	\$166.87	\$0.0924	9	1,768	\$163.49	\$0.0925	9	1,772	\$163.83	\$0.0925
Generators (JV2 Power Cost Only)	GJV2	1	19,414	\$444.39	\$0.0229	1	21,949	\$501.75	\$0.0229	1	24,724	\$724.66	\$0.0293	1	30,393	\$1,009.05	\$0.0332
Generators (JV5 Power Cost Only)	GJV5	1	11,906	\$272.53	\$0.0229	1	11,273	\$257.70	\$0.0229	1	14,021	\$410.96	\$0.0293	1	19,852	\$659.09	\$0.0332
<b>Total Interdepartmental</b>		<b>66</b>	<b>319,976</b>	<b>\$33,837.07</b>	<b>\$0.1057</b>	<b>68</b>	<b>369,822</b>	<b>\$41,890.80</b>	<b>\$0.1133</b>	<b>72</b>	<b>442,160</b>	<b>\$50,579.37</b>	<b>\$0.1144</b>	<b>70</b>	<b>582,530</b>	<b>\$65,990.78</b>	<b>\$0.1133</b>
<b>SUB-TOTAL CONSUMPTION &amp; DEMAND</b>		<b>5,899</b>	<b>12,241,728</b>	<b>\$1,360,213.60</b>	<b>\$0.1111</b>	<b>5,892</b>	<b>11,862,989</b>	<b>\$1,317,942.26</b>	<b>\$0.1111</b>	<b>5,882</b>	<b>11,821,141</b>	<b>\$1,354,053.34</b>	<b>\$0.1145</b>	<b>5,887</b>	<b>12,832,355</b>	<b>\$1,510,575.94</b>	<b>\$0.1177</b>
Street Lights (In)	SLO	13	0	\$13.28	\$0.0000	13	0	\$13.29	\$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	\$1.92	\$0.0000	2	0	\$1.91	\$0.0000
<b>Total Street Light Only</b>		<b>15</b>	<b>0</b>	<b>\$15.20</b>	<b>\$0.0000</b>	<b>15</b>	<b>0</b>	<b>\$15.21</b>	<b>\$0.0000</b>	<b>15</b>	<b>0</b>	<b>\$15.20</b>	<b>\$0.0000</b>	<b>15</b>	<b>0</b>	<b>\$15.19</b>	<b>\$0.0000</b>
<b>TOTAL CONSUMPTION &amp; DEMAND</b>		<b>5,914</b>	<b>12,241,728</b>	<b>\$1,360,228.80</b>	<b>\$0.1111</b>	<b>5,907</b>	<b>11,862,989</b>	<b>\$1,317,957.47</b>	<b>\$0.1111</b>	<b>5,897</b>	<b>11,821,141</b>	<b>\$1,354,068.54</b>	<b>\$0.1145</b>	<b>5,902</b>	<b>12,832,355</b>	<b>\$1,510,591.13</b>	<b>\$0.1177</b>



**BILLING SUMMARY AND COMPARISON**

SEPTEMBER, 2018

2018 - SEPTEMBER BILLING WITH JULY 2018 AI

Class and/or Schedule	Rate Code	# of Bills	Mar-18		Cost / kWh For Month	# of Bills	Apr-18		Cost / kWh For Month	# of Bills	May-18		Cost / kWh For Month	# of Bills	Jun-18		Cost / kWh For Month	# of Bills
			(kWh Usage)	Billed			(kWh Usage)	Billed			(kWh Usage)	Billed			(kWh Usage)	Billed		
Residential (Dom-In)	E1	3,335	2,361,100	\$298,911.41	\$0.1266	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
Residential (Dom-In) w/Ecosmart	E1E	8	4,002	\$520.81	\$0.1301	8	3,412	\$438.16	\$0.1284	8	3,653	\$463.51	\$0.1269	8	3,214	\$413.78	\$0.1287	8
Residential (Dom-In - All Electric)	E2	606	786,539	\$96,518.49	\$0.1227	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
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	523	\$67.78	\$0.1296	1	464	\$59.06	\$0.1273	1	499	\$62.77	\$0.1258	1	440	\$56.08	\$0.1275	1
<b>Total Residential (Domestic)</b>		<b>3,950</b>	<b>3,152,164</b>	<b>\$396,018.49</b>	<b>\$0.1256</b>	<b>3,942</b>	<b>2,421,991</b>	<b>\$300,590.98</b>	<b>\$0.1241</b>	<b>3,946</b>	<b>2,644,524</b>	<b>\$324,479.09</b>	<b>\$0.1227</b>	<b>3,953</b>	<b>2,032,478</b>	<b>\$255,014.03</b>	<b>\$0.1255</b>	<b>3,958</b>
Residential (Rural-Out)	ER1	771	908,972	\$119,325.99	\$0.1313	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
Residential (Rural-Out) w/Ecosmart	ER1E	4	3,609	\$483.33	\$0.1339	4	2,843	\$378.47	\$0.1331	4	2,900	\$383.51	\$0.1322	4	1,927	\$268.34	\$0.1393	4
Residential (Rural-Out - All Electric)	ER2	376	583,114	\$75,345.72	\$0.1292	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
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	3,058	\$395.64	\$0.1294	2	2,323	\$296.55	\$0.1277	2	2,756	\$346.45	\$0.1257	2	1,963	\$252.62	\$0.1287	2
Residential (Rural-Out w/Dmd)	ER3	16	25,797	\$3,325.21	\$0.1289	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
Residential (Rural-Out - All Electric w/Dmd)	ER4	9	11,504	\$1,502.79	\$0.1306	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
<b>Total Residential (Rural)</b>		<b>1,178</b>	<b>1,536,054</b>	<b>\$200,378.68</b>	<b>\$0.1305</b>	<b>1,179</b>	<b>1,202,907</b>	<b>\$154,903.78</b>	<b>\$0.1288</b>	<b>1,178</b>	<b>1,268,478</b>	<b>\$161,988.29</b>	<b>\$0.1277</b>	<b>1,185</b>	<b>976,825</b>	<b>\$127,601.50</b>	<b>\$0.1306</b>	<b>1,187</b>
Commercial (1 Ph-In - No Dmd)	EC2	74	41,741	\$6,562.97	\$0.1572	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
Commercial (1 Ph-Out - No Dmd)	EC2O	48	10,219	\$1,966.08	\$0.1924	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
<b>Total Commercial (1 Ph) No Dmd</b>		<b>122</b>	<b>51,960</b>	<b>\$8,529.05</b>	<b>\$0.1641</b>	<b>121</b>	<b>41,828</b>	<b>\$6,974.93</b>	<b>\$0.1668</b>	<b>121</b>	<b>44,123</b>	<b>\$7,259.66</b>	<b>\$0.1645</b>	<b>119</b>	<b>38,014</b>	<b>\$6,435.30</b>	<b>\$0.1693</b>	<b>121</b>
Commercial (1 Ph-In - w/Demand)	EC1	261	339,671	\$51,012.55	\$0.1502	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
Commercial (1 Ph-Out - w/Demand)	EC1O	25	52,526	\$7,223.28	\$0.1375	25	46,069	\$6,223.64	\$0.1351	25	48,846	\$6,563.38	\$0.1344	25	44,323	\$5,986.77	\$0.1351	25
<b>Total Commercial (1 Ph) w/Demand</b>		<b>286</b>	<b>392,197</b>	<b>\$58,235.83</b>	<b>\$0.1485</b>	<b>284</b>	<b>334,104</b>	<b>\$49,880.58</b>	<b>\$0.1493</b>	<b>285</b>	<b>356,419</b>	<b>\$52,158.28</b>	<b>\$0.1463</b>	<b>286</b>	<b>324,555</b>	<b>\$48,788.34</b>	<b>\$0.1503</b>	<b>285</b>
Commercial (3 Ph-Out - No Dmd)	EC4O	2	1,400	\$226.32	\$0.1617	2	80	\$46.57	\$0.5821	2	160	\$57.04	\$0.3565	2	160	\$57.06	\$0.3566	2
<b>Total Commercial (3 Ph) No Dmd</b>		<b>2</b>	<b>1,400</b>	<b>\$226.32</b>	<b>\$0.1617</b>	<b>2</b>	<b>80</b>	<b>\$46.57</b>	<b>\$0.5821</b>	<b>2</b>	<b>160</b>	<b>\$57.04</b>	<b>\$0.3565</b>	<b>2</b>	<b>160</b>	<b>\$57.06</b>	<b>\$0.3566</b>	<b>2</b>
Commercial (3 Ph-In - w/Demand)	EC3	204	1,414,470	\$190,732.90	\$0.1348	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
Commercial (3 Ph-Out - w/Demand)	EC3O	37	336,281	\$45,317.24	\$0.1348	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
Commercial (3 Ph-Out - w/Dmd & Sub-St.)	E3SO	3	128,240	\$16,205.40	\$0.1264	3	116,440	\$14,345.25	\$0.1232	3	112,760	\$13,817.29	\$0.1225	3	111,800	\$13,732.62	\$0.1228	3
Commercial (3 Ph-In - w/Demand, No Tax)	EC3T	1	1,920	\$259.83	\$0.1353	1	1,840	\$244.53	\$0.1329	1	1,560	\$211.67	\$0.1357	1	1,760	\$231.87	\$0.1317	1
<b>Total Commercial (3 Ph) w/Demand</b>		<b>245</b>	<b>1,880,911</b>	<b>\$252,515.37</b>	<b>\$0.1343</b>	<b>246</b>	<b>1,773,327</b>	<b>\$232,423.80</b>	<b>\$0.1311</b>	<b>247</b>	<b>1,666,058</b>	<b>\$220,057.18</b>	<b>\$0.1321</b>	<b>249</b>	<b>1,692,931</b>	<b>\$225,100.84</b>	<b>\$0.1330</b>	<b>249</b>
Large Power (In - w/Dmd & Rct)	EL1	20	2,068,532	\$229,984.97	\$0.1112	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
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	949,906	\$96,998.93	\$0.1021	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
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	523,200	\$56,086.13	\$0.1072	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
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	110,023	\$10,673.16	\$0.0970	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
<b>Total Large Power</b>		<b>26</b>	<b>3,651,661</b>	<b>\$393,743.19</b>	<b>\$0.1078</b>	<b>26</b>	<b>3,328,433</b>	<b>\$359,696.76</b>	<b>\$0.1081</b>	<b>26</b>	<b>3,570,595</b>	<b>\$377,956.29</b>	<b>\$0.1059</b>	<b>26</b>	<b>3,604,317</b>	<b>\$385,267.19</b>	<b>\$0.1069</b>	<b>26</b>
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,048,501	\$101,993.48	\$0.0973	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
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	749,970	\$75,744.35	\$0.1010	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
<b>Total Industrial</b>		<b>2</b>	<b>1,798,471</b>	<b>\$177,737.83</b>	<b>\$0.0988</b>	<b>2</b>	<b>1,729,515</b>	<b>\$168,833.98</b>	<b>\$0.0976</b>	<b>2</b>	<b>1,894,536</b>	<b>\$178,720.00</b>	<b>\$0.0943</b>	<b>2</b>	<b>1,855,433</b>	<b>\$175,179.67</b>	<b>\$0.0944</b>	<b>2</b>
Interdepartmental (In - No Dmd)	ED1	10	60,747	\$7,601.39	\$0.1251	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
Interdepartmental (Out - w/Dmd)	ED2O	2	265	\$60.17	\$0.2271	2	249	\$57.06	\$0.2292	2	383	\$74.54	\$0.1946	2	375	\$73.51	\$0.1960	2
Interdepartmental (In - w/Dmd)	ED2	27	72,209	\$10,123.32	\$0.1402	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
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	280,875	\$35,935.72	\$0.1279	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
Interdepartmental (Street Lights)	EDSL	7	63,071	\$5,859.59	\$0.0929	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
Interdepartmental (Traffic Signals)	EDTS	9	1,800	\$166.43	\$0.0925	9	1,574	\$145.53	\$0.0925	9	1,683	\$155.62	\$0.0925	9	1,458	\$134.83	\$0.0925	9
Generators (JV2 Power Cost Only)	GJV2	1	27,905	\$375.32	\$0.0134	1	22,929	\$567.95	\$0.0248	1	23,658	\$606.35	\$0.0256	1	19,731	\$666.32	\$0.0338	1
Generators (JV5 Power Cost Only)	GJV5	1	16,182	\$217.65	\$0.0135	1	14,121	\$349.78	\$0.0248	1	15,046	\$399.17	\$0.0265	1	12,430	\$419.76	\$0.0338	1
<b>Total Interdepartmental</b>		<b>68</b>	<b>523,054</b>	<b>\$60,339.59</b>	<b>\$0.1154</b>	<b>67</b>	<b>450,973</b>	<b>\$51,899.46</b>	<b>\$0.1151</b>	<b>67</b>	<b>442,083</b>	<b>\$50,305.00</b>	<b>\$0.1138</b>	<b>69</b>	<b>368,469</b>	<b>\$43,109.44</b>	<b>\$0.1170</b>	<b>70</b>
<b>SUB-TOTAL CONSUMPTION &amp; DEMAND</b>		<b>5,879</b>	<b>12,987,872</b>	<b>\$1,547,724.35</b>	<b>\$0.1192</b>	<b>5,869</b>	<b>11,283,158</b>	<b>\$1,325,250.84</b>	<b>\$0.1175</b>	<b>5,874</b>	<b>11,886,976</b>	<b>\$1,372,980.83</b>	<b>\$0.1155</b>	<b>5,891</b>	<b>10,893,182</b>	<b>\$1,266,553.37</b>	<b>\$0.1163</b>	<b>5,900</b>
Street Lights (In)	SLO	13	0	\$13.28	\$0.0000	13	0	\$13.28	\$0.0000	14	3,877	\$30.60	\$0.0079	14	0	\$13.44	\$0.0000	14
Street Lights (Out)	SLOO	2	0	\$1.91	\$0.0000	2	0	\$1.92	\$0.0000	2	0	\$1.91	\$0.0000	2	0	\$1.92	\$0.0000	2
<b>Total Street Light Only</b>		<b>15</b>	<b>0</b>	<b>\$15.19</b>	<b>\$0.0000</b>	<b>15</b>	<b>0</b>	<b>\$15.20</b>	<b>\$0.0000</b>	<b>16</b>	<b>3,877</b>	<b>\$32.51</b>	<b>\$0.0084</b>	<b>16</b>	<b>0</b>	<b>\$15.36</b>	<b>\$0.0000</b>	<b>16</b>
<b>TOTAL CONSUMPTION &amp; DEMAND</b>		<b>5,894</b>	<b>12,987,872</b>	<b>\$1,547,739.54</b>	<b>\$0.1192</b>	<b>5,884</b>	<b>11,283,158</b>	<b>\$1,325,266.04</b>	<b>\$0.1175</b>	<b>5,890</b>	<b>11,890,853</b>	<b>\$1,373,013.34</b>	<b>\$0.1155</b>	<b>5,907</b>	<b>10,893,182</b>	<b>\$1,266,568.73</b>	<b>\$0.1163</b>	<b>5,916</b>

<b>BILLING SUMMARY AND COST</b>													
<b>SEPTEMBER, 2018</b>													
<b>2018 - SEPTEMBER BILLING WITH JULY 2018 AVERAGE</b>													
Class and/or Schedule	Rate Code	Jul-18 (kWh Usage)	Jul-18 Billed	Cost / kWh For Month	Aug-18 # of Bills	Aug-18 (kWh Usage)	Aug-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	2,295,429	\$295,529.06	\$0.1287	3,341	3,151,485	\$400,929.74	\$0.1272	27,137,305	\$3,331,502.45	\$0.1228	3,338	56.5460%
Residential (Dom-In) w/Ecosmart	E1E	4,978	\$645.47	\$0.1297	8	6,640	\$850.61	\$0.1281	56,602	\$7,040.00	\$0.1244	8	0.1426%
Residential (Dom-In - All Electric)	E2	391,996	\$50,714.07	\$0.1294	606	481,142	\$61,772.51	\$0.1284	6,261,022	\$757,193.32	\$0.1209	605	10.2486%
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	574	\$74.89	\$0.1305	1	809	\$103.78	\$0.1283	6,817	\$847.45	\$0.1243	1	0.0169%
<b>Total Residential (Domestic)</b>		<b>2,692,977</b>	<b>\$346,963.49</b>	<b>\$0.1288</b>	<b>3,956</b>	<b>3,640,076</b>	<b>\$463,656.64</b>	<b>\$0.1274</b>	<b>33,461,746</b>	<b>\$4,096,583.22</b>	<b>\$0.1224</b>	<b>3,952</b>	<b>66.9542%</b>
Residential (Rural-Out)	ER1	750,836	\$101,456.97	\$0.1351	787	895,059	\$120,261.79	\$0.1344	9,262,417	\$1,191,528.43	\$0.1286	777	13.1585%
Residential (Rural-Out) w/Ecosmart	ER1E	2,824	\$392.21	\$0.1389	4	3,437	\$471.60	\$0.1372	35,170	\$4,654.31	\$0.1323	4	0.0678%
Residential (Rural-Out - All Electric)	ER2	401,084	\$53,774.49	\$0.1341	373	463,633	\$61,942.20	\$0.1336	5,386,131	\$683,740.03	\$0.1269	376	6.3618%
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2,000	\$269.44	\$0.1347	2	2,196	\$295.76	\$0.1347	27,522	\$3,506.49	\$0.1274	2	0.0339%
Residential (Rural-Out w/Dmd)	ER3	26,514	\$3,461.34	\$0.1305	16	16,508	\$2,231.69	\$0.1352	500,458	\$60,670.49	\$0.1212	16	0.2711%
Residential (Rural-Out - All Electric w/Dm	ER4	8,050	\$1,094.00	\$0.1359	9	9,150	\$1,238.53	\$0.1354	143,317	\$17,958.15	\$0.1253	9	0.1525%
<b>Total Residential (Rural)</b>		<b>1,191,308</b>	<b>\$160,448.45</b>	<b>\$0.1347</b>	<b>1,191</b>	<b>1,389,983</b>	<b>\$186,441.57</b>	<b>\$0.1341</b>	<b>15,355,015</b>	<b>\$1,962,057.90</b>	<b>\$0.1278</b>	<b>1,183</b>	<b>20.0455%</b>
Commercial (1 Ph-In - No Dmd)	EC2	34,703	\$5,661.85	\$0.1632	73	35,297	\$5,773.50	\$0.1636	433,677	\$67,643.09	\$0.1560	74	1.2467%
Commercial (1 Ph-Out - No Dmd)	EC2O	7,605	\$1,625.00	\$0.2137	48	7,870	\$1,668.23	\$0.2120	101,753	\$20,305.59	\$0.1996	48	0.8132%
<b>Total Commercial (1 Ph) No Dmd</b>		<b>42,308</b>	<b>\$7,286.85</b>	<b>\$0.1722</b>	<b>121</b>	<b>43,167</b>	<b>\$7,441.73</b>	<b>\$0.1724</b>	<b>535,430</b>	<b>\$87,948.68</b>	<b>\$0.1643</b>	<b>122</b>	<b>2.0599%</b>
Commercial (1 Ph-In - w/Demand)	EC1	306,074	\$48,757.18	\$0.1593	261	348,059	\$54,469.26	\$0.1565	3,885,190	\$579,800.70	\$0.1492	260	4.4092%
Commercial (1 Ph-Out - w/Demand)	EC1O	45,411	\$6,431.09	\$0.1416	25	46,585	\$6,646.59	\$0.1427	557,571	\$75,853.65	\$0.1360	25	0.4250%
<b>Total Commercial (1 Ph) w/Demand</b>		<b>351,485</b>	<b>\$55,188.27</b>	<b>\$0.1570</b>	<b>286</b>	<b>394,644</b>	<b>\$61,115.85</b>	<b>\$0.1549</b>	<b>4,442,761</b>	<b>\$655,654.35</b>	<b>\$0.1476</b>	<b>285</b>	<b>4.8342%</b>
Commercial (3 Ph-Out - No Dmd)	EC4O	80	\$47.02	\$0.5878	2	40	\$41.55	\$1.0388	50,520	\$7,018.24	\$0.1389	2	0.0339%
<b>Total Commercial (3 Ph) No Dmd</b>		<b>80</b>	<b>\$47.02</b>	<b>\$0.5878</b>	<b>2</b>	<b>40</b>	<b>\$41.55</b>	<b>\$1.0388</b>	<b>50,520</b>	<b>\$7,018.24</b>	<b>\$0.1389</b>	<b>2</b>	<b>0.0339%</b>
Commercial (3 Ph-In - w/Demand)	EC3	1,451,198	\$201,102.33	\$0.1386	206	1,726,146	\$237,768.88	\$0.1377	17,469,801	\$2,296,673.65	\$0.1315	206	3.4816%
Commercial (3 Ph-Out - w/Demand)	EC3O	266,981	\$37,840.28	\$0.1417	37	280,489	\$40,004.85	\$0.1426	3,947,434	\$520,809.52	\$0.1319	37	0.6325%
Commercial (3 Ph-Out - w/Dmd.&Sub-St.	E3SO	115,360	\$14,950.00	\$0.1296	3	123,520	\$15,953.58	\$0.1292	1,426,840	\$175,019.16	\$0.1227	3	0.0508%
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1,840	\$378.71	\$0.2058	1	5,400	\$755.48	\$0.1399	37,160	\$5,337.40	\$0.1436	1	0.0169%
<b>Total Commercial (3 Ph) w/Demand</b>		<b>1,835,379</b>	<b>\$254,271.32</b>	<b>\$0.1385</b>	<b>247</b>	<b>2,135,555</b>	<b>\$294,482.79</b>	<b>\$0.1379</b>	<b>22,881,235</b>	<b>\$2,997,839.73</b>	<b>\$0.1310</b>	<b>247</b>	<b>4.1819%</b>
Large Power (In - w/Dmd & Rct)	EL1	2,215,512	\$251,260.17	\$0.1134	20	2,304,703	\$260,458.58	\$0.1130	25,303,885	\$2,721,662.29	\$0.1076	20	0.3388%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	1,090,293	\$111,938.86	\$0.1027	3	1,044,331	\$109,898.03	\$0.1052	12,476,201	\$1,222,920.95	\$0.0980	3	0.0508%
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	465,600	\$52,786.32	\$0.1134	1	433,200	\$51,043.08	\$0.1178	5,763,600	\$604,997.75	\$0.1050	1	0.0169%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	80,064	\$15,683.06	\$0.1959	2	80,568	\$15,820.11	\$0.1964	1,042,797	\$155,424.93	\$0.1490	2	0.0339%
<b>Total Large Power</b>		<b>3,851,469</b>	<b>\$431,668.41</b>	<b>\$0.1121</b>	<b>26</b>	<b>3,862,802</b>	<b>\$437,219.80</b>	<b>\$0.1132</b>	<b>44,586,483</b>	<b>\$4,705,005.92</b>	<b>\$0.1055</b>	<b>26</b>	<b>0.4405%</b>
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1,100,078	\$109,317.34	\$0.0994	1	1,045,201	\$104,990.65	\$0.1005	12,671,264	\$1,185,173.38	\$0.0935	1	0.0169%
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	875,036	\$86,537.35	\$0.0989	1	874,860	\$86,734.40	\$0.0991	9,311,507	\$900,704.39	\$0.0967	1	0.0169%
<b>Total Industrial</b>		<b>1,975,114</b>	<b>\$195,854.69</b>	<b>\$0.0992</b>	<b>2</b>	<b>1,920,061</b>	<b>\$191,725.05</b>	<b>\$0.0999</b>	<b>21,982,771</b>	<b>\$2,085,877.77</b>	<b>\$0.0949</b>	<b>2</b>	<b>0.0339%</b>
Interdepartmental (In - No Dmd)	ED1	40,778	\$5,716.66	\$0.1402	11	48,331	\$6,660.05	\$0.1378	537,526	\$68,649.61	\$0.1277	9	0.1595%
Interdepartmental (Out - w/Dmd)	ED2O	566	\$102.15	\$0.1805	2	670	\$117.07	\$0.1747	4,519	\$886.95	\$0.1963	2	0.0339%
Interdepartmental (In - w/Dmd)	ED2	25,027	\$3,787.47	\$0.1513	30	24,525	\$3,763.69	\$0.1535	512,715	\$71,477.65	\$0.1394	28	0.4716%
Interdepartmental (3Ph-In - w/Dmd)	ED3	126,536	\$17,385.49	\$0.1374	11	146,015	\$19,879.21	\$0.1361	2,549,559	\$320,549.00	\$0.1257	11	0.1864%
Interdepartmental (Street Lights)	EDSL	63,071	\$5,867.81	\$0.0930	7	63,071	\$5,865.70	\$0.0930	756,468	\$70,321.35	\$0.0930	7	0.1186%
Interdepartmental (Traffic Signals)	EDTS	1,710	\$158.12	\$0.0925	8	1,455	\$134.54	\$0.0925	20,080	\$1,856.69	\$0.0925	9	0.1511%
Generators (JV2 Power Cost Only)	GJV2	16,343	\$476.89	\$0.0292	1	13,628	\$354.19	\$0.0260	258,504	\$6,293.42	\$0.0243	1	0.0169%
Generators (JV5 Power Cost Only)	GJV5	11,874	\$346.48	\$0.0292	1	3,327	\$86.47	\$0.0260	155,351	\$3,807.02	\$0.0245	1	0.0169%
<b>Total Interdepartmental</b>		<b>285,905</b>	<b>\$33,841.07</b>	<b>\$0.1184</b>	<b>71</b>	<b>301,022</b>	<b>\$36,860.92</b>	<b>\$0.1225</b>	<b>4,794,722</b>	<b>\$543,841.69</b>	<b>\$0.1134</b>	<b>68</b>	<b>1.1549%</b>
<b>SUB-TOTAL CONSUMPTION &amp; DEMAND</b>		<b>12,226,025</b>	<b>\$1,485,569.57</b>	<b>\$0.1215</b>	<b>5,902</b>	<b>13,687,350</b>	<b>\$1,678,985.90</b>	<b>\$0.1227</b>	<b>148,090,683</b>	<b>\$17,141,827.50</b>	<b>\$0.1158</b>	<b>5,887</b>	<b>99.7388%</b>
Street Lights (In)	SLO	0	\$13.43	\$0.0000	15	0	\$13.58	\$0.0000	3,877	\$177.30	\$0.0457	13	0.2273%
Street Lights (Out)	SLOO	0	\$1.91	\$0.0000	2	0	\$1.92	\$0.0000	0	\$22.99	\$0.0000	2	0.0339%
<b>Total Street Light Only</b>		<b>0</b>	<b>\$15.34</b>	<b>\$0.0000</b>	<b>17</b>	<b>0</b>	<b>\$15.50</b>	<b>\$0.0000</b>	<b>3,877</b>	<b>\$200.29</b>	<b>\$0.0517</b>	<b>15</b>	<b>0.2612%</b>
<b>TOTAL CONSUMPTION &amp; DEMAND</b>		<b>12,226,025</b>	<b>\$1,485,584.91</b>	<b>\$0.1215</b>	<b>5,919</b>	<b>13,687,350</b>	<b>\$1,679,001.40</b>	<b>\$0.1227</b>	<b>148,094,560</b>	<b>\$17,142,027.79</b>	<b>\$0.1158</b>	<b>5,902</b>	<b>100.0000%</b>



# Electric Department Report August 2018

There were 4 callouts/outages in August. One callout was for a car that hit a pole. One callout was for a broken phone wire. One callout was for a branch hanging on the electric wires and it affected 18 customers. The last callout was for a line locates for a water main break.

**Linemen/Service Truck:** Linemen rebuilt Vine St. Crews installed 3 phase on Freedom Dr. Crews assisted the tree crew on Vine St. & Welsted rebuild. Lineman rebuilt the 400 block of Welsted & Main St. Crews replaced poles on County Road B. Linemen found a primary fault on County Road S. Crews did shop maintenance. Crews ran underground service to 1525 Williamsburg Ave. Linemen set a pole on Short St. for rebuild. Crews trenched in conduit for JAC Industries. Crews trenched in underground service at 960 W. Riverview Ave. Crews worked on Independence Dr. for primary rebuild for JAC Industries. Crews worked on a complete upgrade service at the old McDonalds building. Crews stripped out crossarms on Independence Dr. Lineman upgraded a 15KVA to 25KVA transformer at Sheffield Ave. & Riverview. Crews terminated primary underground at R&M building on N. Scott St. Crews also attended safety class by Sandi Sherwood. The Service Truck Lineman performed line locates and completed work orders.

**Substation Crew:** The substation crew performed monthly maintenance checks at all substations, switching for various line work and testing, NERC compliance and breaker testing. They also attended OSHA training.

**Tree Crew:** The tree trimming crew trimmed trees on the 400 block of Welsted St., Jahns Rd., County Rd. U, County Rd. T, County Rd. V and Rd. 12 north of Rd. S. The crew did shop maintenance and also attended OSHA training.

**Storeroom/Inventory:** Shawn read meters, ordered inventory, mowed Service Building and Substations, performed maintenance in shop and helped crews as needed. He also attended OSHA training.

**The Peak Load** for August, 2018 was **28.7 MW** occurring on the 27th at 7:00 P.M. The Turbine JV-2 ran 3.62 MWh & the JV-5 did not run. The Solar Field produced 470.18 MWh in August, 2018.

KLM 9/7/2018

# City of Napoleon, Ohio



## SUMMARY OF AUGUST 2018 OUTAGE/STANDBY CALL-OUTS

### **August 24, 2018:**

Electric personnel were dispatched at 6:15 p.m. to County Road 16 & V due to a car that hit a pole and broke the pole. The primary was drooping a few feet from ground level and Greg Kuhlman stayed until the electrical lineman arrived to guard the wire. The lineman had to take 20 customers out of power to replace the pole. The outage lasted four hours until the pole was replaced.

---

### **August 27, 2018:**

One employee was dispatched by City Hall at 3:30 p.m. to 1022 Dodd St. due to a wire lying on the ground. The wire was a phone wire that had broken and the employee removed the wire.

---

### **August 27, 2018:**

Electric personnel were dispatched at 4:00 p.m. to Park St. due to a power outage. The outage lasted forty five minutes and affected eighteen customers. The outage was due to a tree branch that fell on the electric wires. The personnel removed the branch.

---

### **August 28, 2018:**

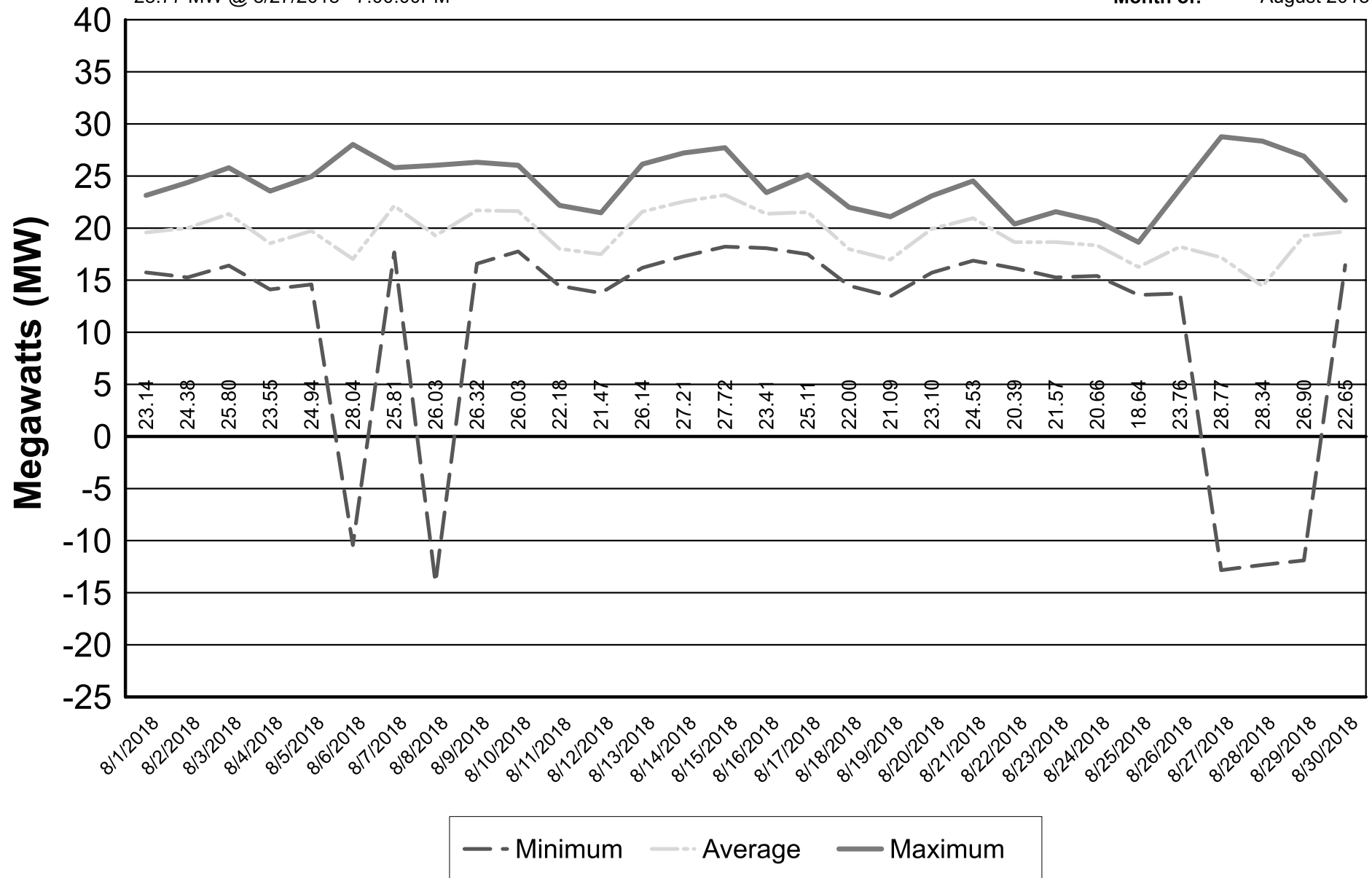
One employee was dispatched at 6:10 a.m. to W. Main St. west of Sheffield Ave to do a line locate for a water main break. The employee let them know they were in the clear.

# Napoleon Power & Light

## System Load

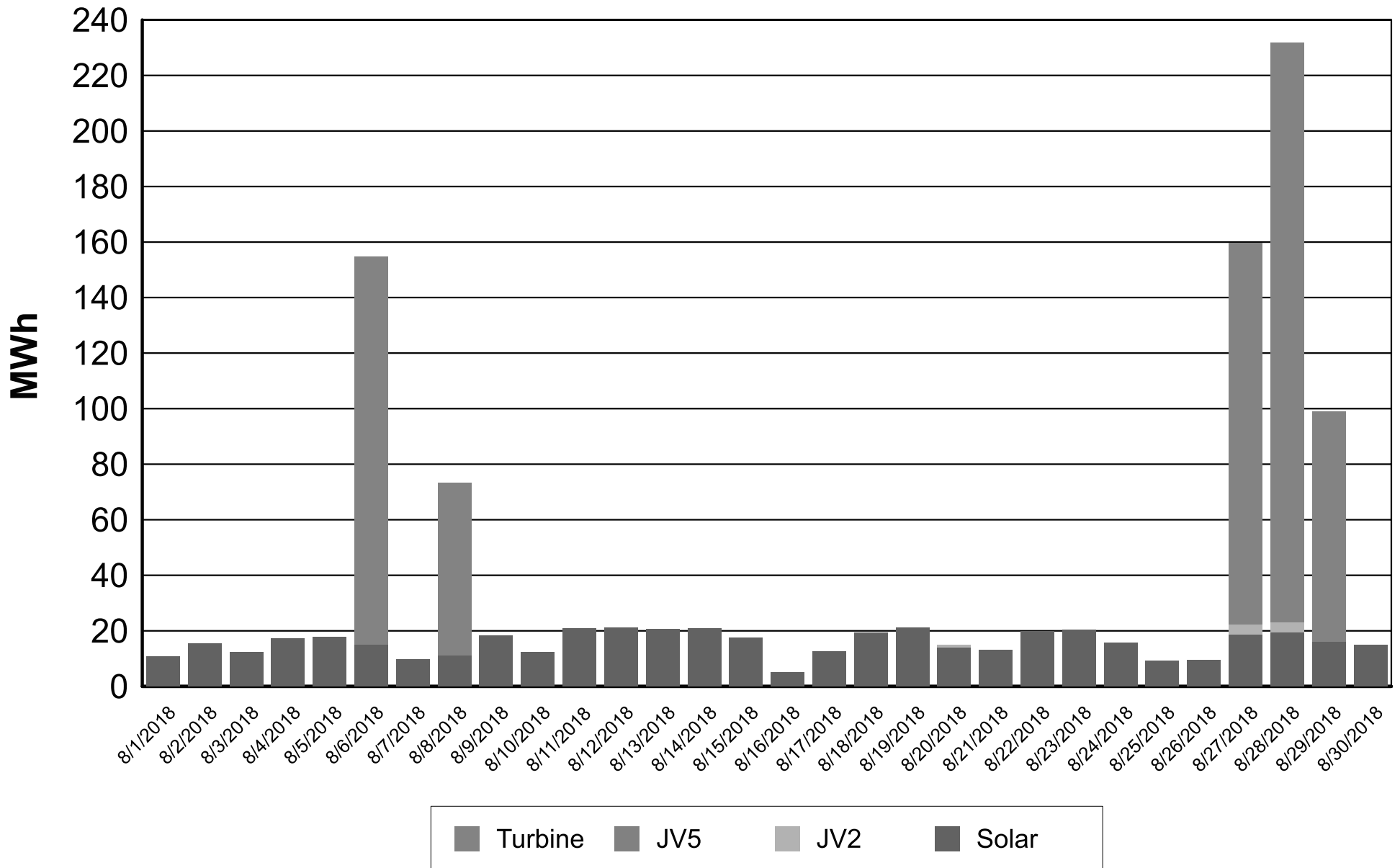
Peak Load:  
28.77 MW @ 8/27/2018 7:00:00PM

Month of: August 2018



# Napoleon Power & Light

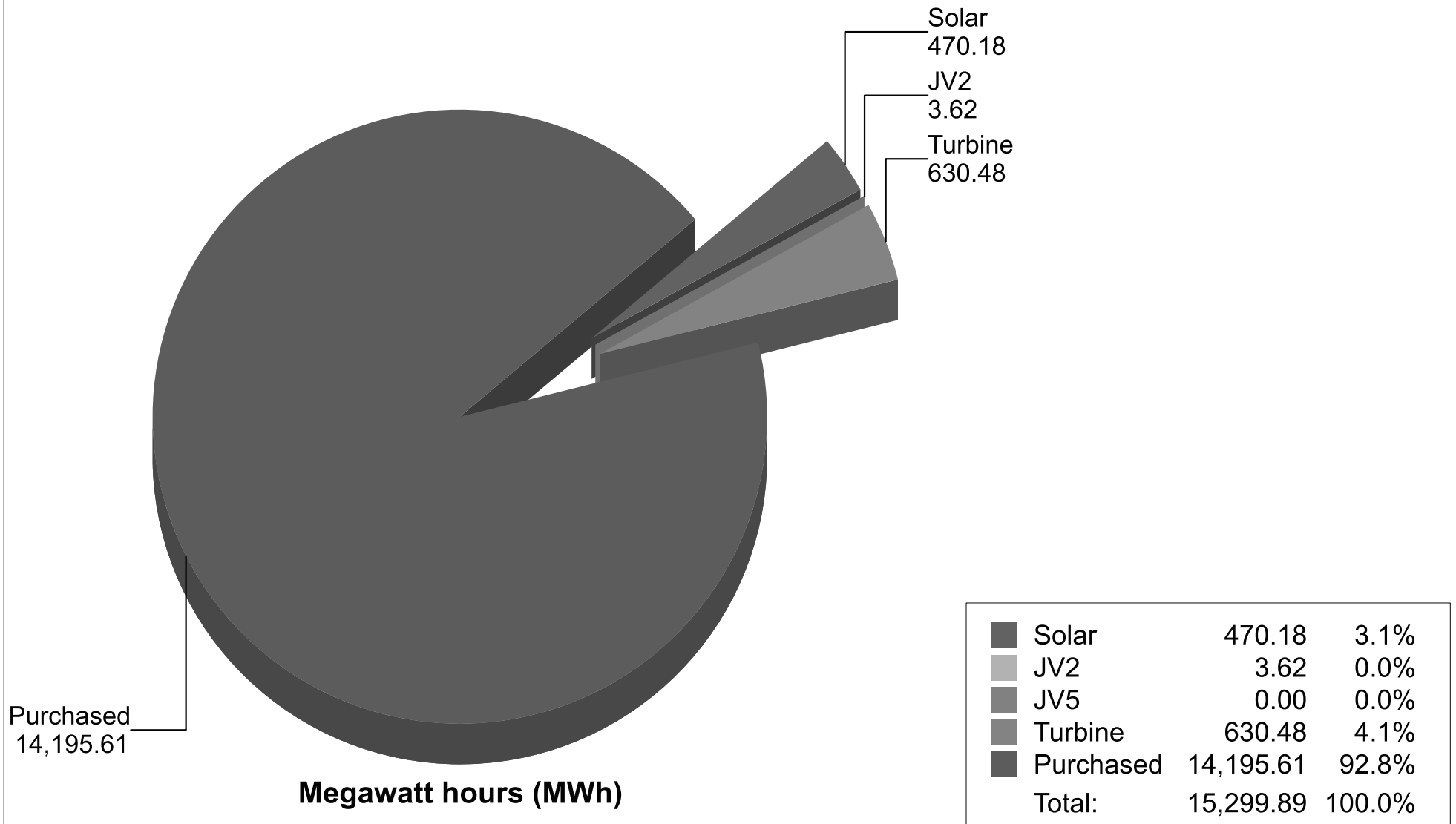
## Daily Generation Output



# Napoleon Power & Light

## Power Portfolio

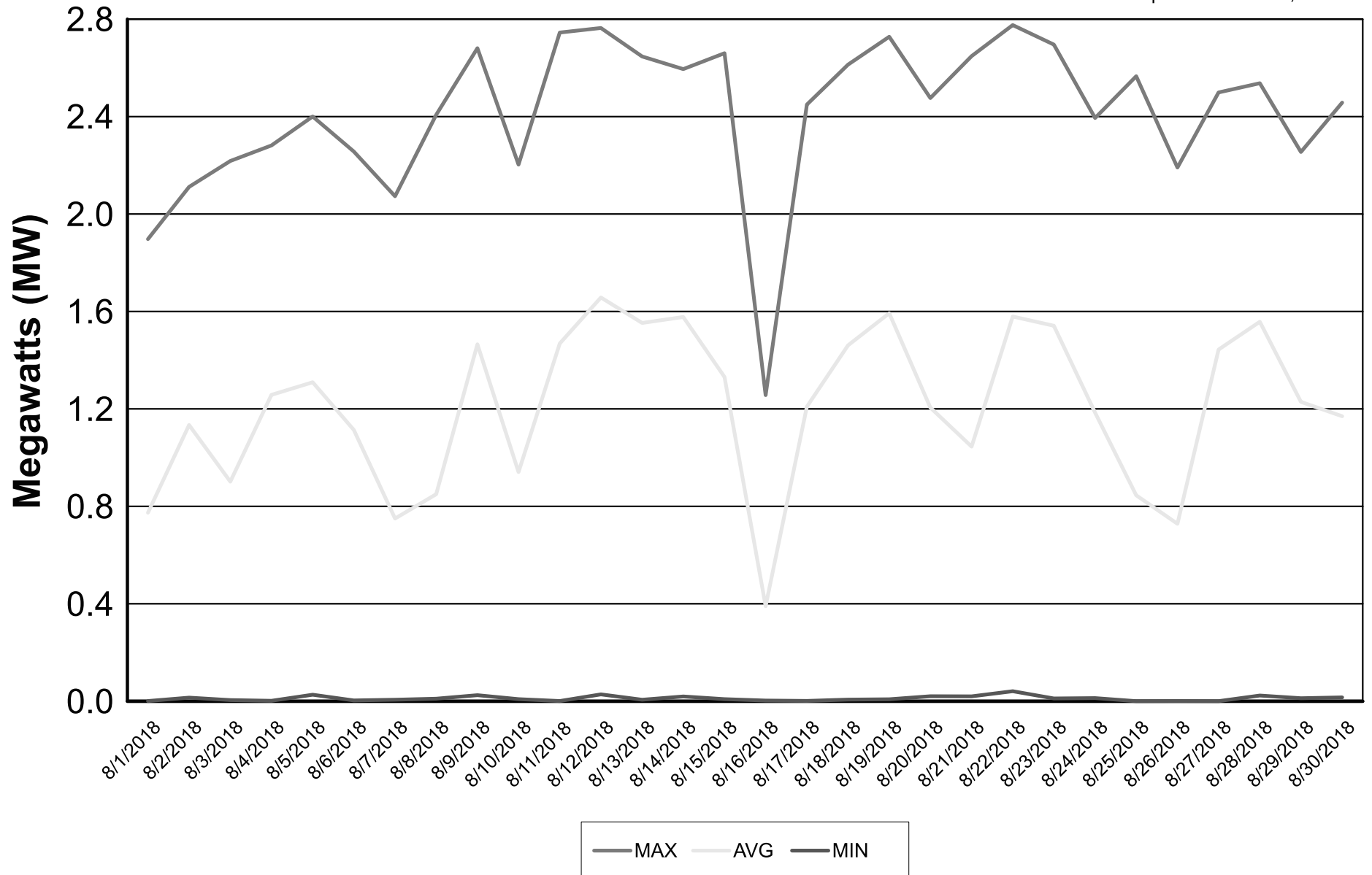
August 2018



# Napoleon Power & Light

## Solar Field Output

Peak Output: 2.78  
kWh Output 470,179.00



*City of Napoleon, Ohio*

## **BOARD OF PUBLIC AFFAIRS**

Meeting Agenda

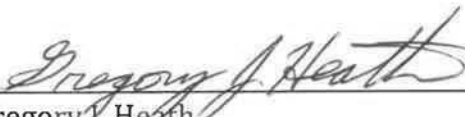
**Monday, September 10, 2018 at 6:15 pm**

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

- 1) Approval of Minutes: August 13, 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 September 2018: PSCAF – three (3) month averaged factor \$0.01837, JV2 \$0.021676, and JV5 \$0.021676
- 3) Status of Transmission Ownership.
- 4) Electric Department Reports.

---

- 5) 2017 Sewer Rate Study (*with the Water & Sewer Committee*).
- 6) Yard Waste Site Policies (*with the Water & Sewer Committee*).
- 7) Any other matters to come before the Board.
- 8) Adjournment.

  
\_\_\_\_\_  
Gregory J. Heath  
Finance Director/Clerk of Council





**Passed**  
**Yea-3**  
**Nay-0**

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

**Discussion**

Mazur stated instead of paying fines on the Gorsuch Project, the EPA gave the option to do a supplemental project, which was the Efficiency Smart Program. Initially we signed a three-year agreement and then renewed the agreement for another three years, there is currently a year and half left on this last agreement and we do not have any money left for incentives. There is \$56,000 committed in rebates and some what ifs on another \$100,000. Bialorucki asked what is the time limit when they could get money and their project done? Clapp said we should know by the end of the year if someone will take the money or not. Dr. Cordes stated, I thought at the last meeting we said we would just honor the current commitments to \$56,000 and end the program. Mazur noted Efficiency Smart is one of the few job retention tools we have, a lot of communities are dropping out of the Efficiency Smart Program. Dr. Cordes reiterated we honor the commitments up to \$56,000 and close out the program, it served its purpose.

**Electric Department  
Reports**

Electric Superintendent, Dennis Clapp, passed out copies of the Electric Department Reports for both June 2018 and July 2018. He noted there were just two outages in June with July having fifteen different outages.

**2017 Sewer Rate Study**

Mazur reported Courtney & Associates did a Sewer Rate and Cost of Service Study back in 2017 that was presented to the Committee, Board of Public Affairs and City Council in October. No action was taken to change the sewer rates for 2018 at that time due to: (1) the Integrated Plan for the WWTP was not done, (2) we did not know what was going on with WTP; and (3) the Clairmont project, which was a one-million-dollar project, was removed from the 2018 budget. We now know the WWTP is going to be a solid \$8 million project. DeWit stated, basically the new plant and cost of equipment will impact the sewer rates. Mazur noted the moving head works will cost between \$3.5 million - \$4 million. When Courtney presented his report back in October, he was recommending a forty percent rate adjustment through 2023 based on a \$12 million project rehab for the wastewater treatment plant. Sheaffer stated he could not justify a forty percent increase. Mazur contended the increase should not be that high anymore, the rehab of the Wastewater Treatment Plant (WWTP) should be in the \$8 million - \$9 million range instead of \$12 million. We have already spent \$25 million on Long Term Control Projects for the collection system, we made an appeal to the EPA and are still in the negotiating stage, our rates are 65% higher than the Ohio average with our 1959 wastewater plant needing a rehab. DEFA has WPCLF loan funds we are will apply for. For our bond ratings they look at the sewer enterprise fund and if a rate increase is not put in place that is frowned upon. No action is required tonight this is informational to let you know there will be a line item in the 2019 budget to start planning the WWTP design.

DeWit inquired about the water rates, noting until it is determined how much it costs to make water at the new plant how can an actual rate be determined? We told the satellites to come down at the end of August and we'd have a rate. Mazur responded once the membrane plant is started we were going to try to

## Yard Waste Site Policies

## Other Matters

## Motion to Adjourn BOPA Meeting

**Passed**  
**Yea-3**  
**Nay-0**

Motion: DeWit                      Second: Prigge  
to adjourn the Board of Public Affairs meeting at 8:00 pm.

**Approved**

Dr. David Cordes - Chair

*City of Napoleon, Ohio*

## **WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE**

### **MEETING AGENDA**

Monday, September 10, 2018 at 7:00 pm

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

- 1) Approval of Minutes: August 13, 2018. *(In the absence of any objections or corrections, the Minutes shall stand approved).*
- 2) 2017 Sewer Rate Study. [Tabled]
- 3) Yard Waste Site.
- 4) Update on the Williams Pumping Station Project.
- 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, August 13, 2018 at 7:00 pm**

---

#### **PRESENT**

Committee Members  
BOPA Members  
City Manager  
Asst. 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  
Christine Peddicord  
Roxanne Dietrich  
Dave Pike, WWTP Superintendent  
Northwest Signal

#### **ABSENT**

#### **Call to Order**

Chairman Comadoll called the Water, Sewer, Refuse, Recycling and Litter Committee to order at 7:05 pm.

#### **Approval Minutes**

Hearing no objections or corrections, the minutes of June 11, 2018 stand approved as presented.

#### **2017 Sewer Rate Study**

Mazur reported Courtney & Associates did a Sewer Rate and Cost of Service Study back in 2017 that was presented to the Committee, Board of Public Affairs and City Council in October. No action was taken to change the sewer rates for 2018 at that time due to: (1) the Integrated Plan for the WWTP was not done, (2) we did not know what was going on with WTP; and (3) the Clairmont project, which was a one-million-dollar project, was removed from the 2018 budget. We now know the WWTP is going to be a solid \$8 million project. DeWit stated, basically the new plant and cost of equipment will impact the sewer rates. Mazur noted the moving head works will cost between \$3.5 million - \$4 million. When Courtney presented his report back in October, he was recommending a forty percent rate adjustment through 2023 based on a \$12 million project rehab for the wastewater treatment plant. Sheaffer stated he could not justify a forty percent increase. Mazur contended the increase should not be that high anymore, the rehab of the Wastewater Treatment Plant (WWTP) should be in the \$8 million - \$9 million range instead of \$12 million. We have already spent \$25 million on Long Term Control Projects for the collection system, we made an appeal to the EPA and are still in the negotiating stage, our rates are 65% higher than the Ohio average with our 1959 wastewater plant needing a rehab. DEFA has WPCLF loan funds we are will apply for. For our bond ratings they look at the sewer enterprise fund and if a rate increase is not put in place that is frowned upon. No action is required tonight, this is informational to let you know there will be a line item in the 2019 budget to start planning the WWTP design.

DeWit inquired about the water rates, noting until it is determined how much it costs to make water at the new plant how can an actual rate be determined? We told the satellites to come down at the end of August and we'd have a rate.

Mazur responded once the membrane plant is started we were going to try to evaluate our costs. April and May were startup costs this is the final year of the 10%-10%-10% increase that had been passed we can leave it as is or have Courtney do his best to give us an estimate.

Comadoll said he understands the WTP is shipping stuff down to the WWTP and hear there are issues. Mazur noted there are a lot of solids in the wash water that is causing problems at the WWTP. DeWit asked what the design guys think? Mazur said they missed it and do not have a solution, the discharge was not contemplated. The solids issue needs to be addressed, we can:

- 1) build a press building to press out the water and put it back into the intake, and then haul. Pike added a good filter press would cost \$350,000.
- 2) Or we can use the lagoons. Comadoll thought we were doing away with the lagoons? Mazur said it would be a cheaper option. Comadoll noted if you clean the lagoons and bring in a drag line in instead of shooting water down, you could go down deeper.

**Motion to Table 2017  
Sewer Rate Study**

Motion: Siclair  
to table 2017 Sewer Rate Study.

Second: Sheaffer

**Passed**  
**Yea-3**  
**Nay-0**

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

**Yard Waste Site Policies**

Mazur reported back in September 2017 the Commissioners and City Council held a joint meeting where the Commissioners said they were not paying the \$4,100 to allow the county residents to dump at the Yard Waste Site. There is an Agreement that the County will pay the City \$4,100 if the City took their garbage to the Henry County Landfill, the landfill is now closed, the City cannot take their garbage there and the Commissioners are not paying the \$4,100. Sheaffer suggested having cameras put up and send notices out and ticket them. Mazur noted the Yard Waste Site is paid for by the citizens of Napoleon, it is on their bill. DeWit suggested putting a policy together and have it put in the newspaper and on the radio. Prigge mentioned the Commissioners do not realize how many county people use the Yard Waste. Mazur suggested coming up with a policy/charge for illegal dumping to be enacted in 2019.

**Motion to Adjourn**

Motion: Sheaffer  
to adjourn the Water, Sewer, Refuse, Recycling & Litter Committee meeting at 8:00 pm.

Second: Siclair

**Passed**  
**Yea-3**  
**Nay-0**

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

**Approved:**

September 10, 2018

\_\_\_\_\_  
Jeff Comadoll, Chairman



# City of Napoleon Williams Pumping Station Replacement Project Fact Sheet

## Project Location:



## Existing Williams Pumping Station:

<b>Installation Date:</b>	1973
<b>Sewershed:</b>	Oberhaus Interceptor Sewershed
<b>Service Area:</b>	Glenwood Estates
<b>Existing Flows:</b>	Average – 0.10 Million Gallons Per Day (MGD) Peak – 0.30 MGD
<b>Pump Capacity:</b>	0.47 MGD
<b>Existing Issues:</b>	<ul style="list-style-type: none"> <li>▪ The oldest pumping station in the City.</li> <li>▪ Utilizes the original pumps and controls.</li> <li>▪ Deteriorating performance and increased maintenance costs.</li> <li>▪ Increased flow rates from development.</li> </ul>



# City of Napoleon

## Williams Pumping Station Replacement

### Project Fact Sheet

#### **Proposed Glenwood Pumping Station:**

<b>New Sewershed:</b>	Van Hyning Interceptor Sewershed
<b>Proposed Capacity:</b>	0.69 MGD (~50% increase in capacity)
<b>Major Project Components:</b>	<ul style="list-style-type: none"><li>▪ Construction of a new pumping station</li><li>▪ 1,000 feet of directionally drilled 6" force main (under wetland).</li><li>▪ 3,600 feet of 12" gravity sewer from Glenwood Estates to Scott Street.</li><li>▪ 475 feet of 10" gravity sewer to promote future development.</li><li>▪ 530 feet of 8" water main to promote future development.</li><li>▪ Abandonment of the existing force main and demolition of the existing Williams Pumping Station.</li></ul>
<b>Opinion of Probable Cost:</b>	\$1,600,000
<b>Expected Project Schedule:</b>	Bidding / Project Award: September – October 2018 Construction Phase: November 2018 – June 2019

The primary goals of this project are to replace the existing 40+ year old Williams Pumping Station that is in poor condition and to increase pumping capacity in the area north of US-24 to provide potential for future development. In addition, the removal of Glenwood Estates sanitary flows from the Oberhaus Interceptor will reduce sewer surcharging in areas along the Oberhaus Creek during heavy rainfalls.

The proposed pumping station will be located on City-owned property and the project alignment along the US-24 ROW was designed to minimize the disturbance of private properties during construction as much as possible. During design, a large wetland was observed on the City's property. Stantec and the City coordinated closely with the Ohio EPA and Army Corp of Engineers to assess the wetland and ensure minimal disturbance resulting from construction. Only 1,300 square feet (0.03 acres) of the 14-acre wetland will be permanently displaced, and 0.2 acres will be temporarily disturbed during construction and restored as part of the project.

The project will be funded through the Ohio EPA Water Pollution Control Loan Fund (WPCLF) and is part of the City's Long-Term Control Plan to reduce overflow activity and protect the water quality of the Maumee River. The new pumping station will greatly improve collection system reliability and provide additional capacity for potential future growth in the areas to the north and west of the City.

#### **Comments:**

Please use the space below to provide comments or questions to the City of Napoleon regarding this project:

---

---

---

---

---

*City of Napoleon, Ohio*


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

**MEETING AGENDA**

**Monday, September 10, 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.
- 3) Grant Opportunity for Downtown Revitalization.
- 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, August 13, 2018 at 7:30 PM**

---

#### **PRESENT**

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

Lori Siclair-Chair, Jeff Mires, Joseph D. Bialorucki, Mayor Jason Maassel  
Joel L. Mazur  
Christine Peddicord  
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 8:03 pm.

#### **Approval of Minutes**

Hearing no objections or corrections, the minutes from the June 11, 2018 meeting stand approved as presented.

#### **City Right-of-Way Occupancy Permit**

Mazur informed the committee this item regards a right-of-way occupancy permit relating to accommodating small cell wireless companies. Mayor Maassel asked if there will be a charge. Mazur replied, if there is a pole attachment, there will be a cost. Siclair said, if a citizen has something planted in the right-of-way, can they cut what is in the right-of-way? Maassel added, will these people drive around long term vegetation that is in the right-of-way or will they not care? Mazur said, they will have to get a permit before anything can be put in the right-of-way, if a trench needs to be dug and something is planted in the right-of-way people may lose that vegetation. Maassel commented, Dennie just said the Electric Department works around long term vegetation, it may have some emotional strings tied to it, will this be handled in the same manner, how many poles are you expecting? Mazur anticipates very few poles I have not seen any in residential neighborhoods.

#### **Expansion of CRA No. 6**

Mazur explained at tomorrow's Planning Commission meeting, the project on the agenda will be looking at expanding the CRA Area No. 6. Maassel asked what the CRA allows for. Mazur responded, it is mostly for work being performed by people wanting to build on a large scale.

#### **NORA Update**

Mazur reported the NORA is being used. As written in the application, we are to have a review within the first thirty days and then a quarterly review must be done the first year with another review being done in year five. I have not noticed any increase in litter, the rule that each individual person is only allowed to take one cup out instead of one person buying a couple and taking them out, we did not contemplate the inconvenience factor during events.

Siclair asked how would you card? Bialorucki said it would be same the same as going to a store and buying beer when you leave you can give to whoever you want. Siclair asked if the Civic Center is part of the NORA district? Mazur replied the sidewalk on Scott Street borders it, the Civic Center is its own property and does not have a liquor permit. Maassel suggested posting a sign that says "leaving NORA" and have a place for litter to be put into. Mazur indicated Council can change the rules, only major changes need to be sent to the Liquor Control.

**Motion to Add to August 20, 2018 Council Agenda Change to a NORA Rule**

Motion: Maasel Second: Bialorucki  
to add under Discussion/Action on the August 20, 2018 City Council agenda: potential change rule *Only One Official Cup will be Permitted at a Time per NORA Participant.*

**Passed**  
**Yea-4**  
**Nay-0**

Roll call vote on the above motion:  
Yea-Siclair, Bialorucki, Mires, Maassel  
Nay-

**Brownfield Grant Opportunity**

Mazur indicated after speaking with Dennis Miller at Maumee Valley Planning Organization (MVPO) and Jeff Leonard at the City of Defiance, it was decided it may be best to apply for the Brownfield Grant in a partnership, each city would have their own project(s). I do not believe there is a match requirement, Universal Coop is interested, there are other potential areas on the riverfront and outskirts of the downtown for anyone wanting to develop property, it is expensive and takes a long time to redevelop brownfield properties.

**Motion to Add Discussion on this Item to August 20, 2018 Council Agenda**

Motion: Maassel Second: Bialorucki  
to add this item under Discussion/Action on the August 20, 2018 City Council Agenda.

**Passed**  
**Yea-4**  
**Nay-0**

Roll call vote on the above motion:  
Yea-Siclair, Bialorucki, Mires, Maassel  
Nay-

**Any Other Matters**

None.

**Motion to Adjourn**

Motion: Maassel Second: Mires  
to adjourn the Municipal Properties, Building, Land Use and Economic Development Committee meeting at 8:29 pm.

**Passed**  
**Yea-4**  
**Nay-0**

Roll call vote on the above motion:  
Yea-Siclair, Bialorucki, Mires, Maassel  
Nay-

**Date Approved:**

September 10, 2018

\_\_\_\_\_  
Lori Siclair - Chair

*City of Napoleon, Ohio*

## **CIVIL SERVICE COMMISSION**

### **Meeting Agenda**

**Tuesday, September 11, 2018 at 4:30 pm**

Location: Council Chambers, 255 West Riverview Avenue, Napoleon, OH

1. Approve Applicants for the Position of Firefighter/Paramedic.
2. Certify List for the Position of Firefighter/Paramedic.
3. Any other matters to come before the Commission.
4. Adjournment.



\_\_\_\_\_  
Gregory J. Heath  
Finance Director/Clerk of Council

*City of Napoleon, Ohio*

## **PLANNING COMMISSION**

### **Meeting Agenda**

**Tuesday, September 11, 2018 at 5:00 pm**

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

1) Approval of Minutes (*In the absence of any corrections or objections, the minutes shall stand approved.*).

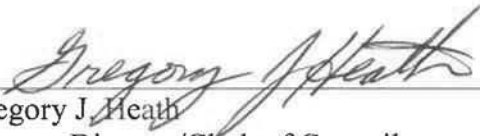
2) New Business

PC 18-03 – CONDITIONAL USE PERMIT

An application for a public hearing has been filed by Stock Development Company, LLC (John Stock). The applicant is requesting the approval of a Conditional Use Permit to allow for a Planned Residential Development. The request is pursuant to Chapter 1141 of the Codified Ordinances of Napoleon, Ohio. The property is in an R-3 Moderate Density Residential District.

3) Closing Remarks.

4) Adjournment.

  
\_\_\_\_\_  
Gregory J. Heath  
Finance Director/Clerk of Council



# 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](http://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 Council *G.J.H.*  
**cc:**  
**Date:** September 06, 2018  
**Subject:** BZA – Cancellation

The regularly scheduled meeting of the Board of Zoning Appeals set for Tuesday, September 11, 2018 at 4:30 pm has been CANCELED due to lack of agenda items.



## Competitors showcase skills during 2018 AMP Lineworkers Rodeo

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

Lineworkers representing nine AMP member communities in three states showcased their skills during the Fifth Annual AMP Lineworkers Rodeo, Aug. 24-25 at AMP headquarters in Columbus.

Participants from Bryan, Cleveland, Cuyahoga Falls, Central Virginia Electric Cooperative, Jackson Center, Marshall, Piqua, Wadsworth and Westerville competed in five events that were designed to test the skills demanded daily in the field, including hurtman rescue, insulator change out and others.



Winners were evaluated and scored on safety, work practices, neatness, ability, equipment handling and timely event completion. Overall winners will be offered sponsorship to attend and compete in the national American Public Power Association Rodeo in 2019. A full list of competitor's event scores and photos from the event are available on the [Rodeo page](#) of the [AMP website](#).

The 2018 Overall Competition winners for the Apprentice events are first: Jeremiah Thomsen, Cleveland; second: James Nelson, Cleveland; and third: Curtis Blase, Westerville. Overall Competition winners for the Individual Journeyman events are first: David Overman, Jackson Center; second: Dan Cline, Piqua; and third: Matt Freds, Marshall. Overall Competition winners for the Journeyman Team events are: first: Westerville; second: Bryan; and third: CVEC Team 1.

A big thanks to all of the volunteers, judges, sponsors and competitors who helped make this year's event a success. We look forward to seeing you all next year!

## APPRENTICE



Apprentices (left to right): Curtis Blase, Westerville, Jeremiah Thomsen, Cleveland, James Nelson, Cleveland

## Apprentice event winners

<b>Written Test</b> 1st: Tyler Martin, Piqua 2nd: Jeremiah Thomsen, Cleveland 3rd: Clay McClure, Cleveland	<b>Rope Toss</b> 1st: Kindric Link, Piqua 2nd: Curtis Blase, Westerville 3rd: Jeremiah Thomsen, Cleveland
<b>Hurtman Rescue</b> 1st: Billy Cascio, CVEC 2nd: Terin Seevers, Westerville 3rd: James Nelson, Cleveland	<b>Cutout Change Out</b> 1st: Jeremiah Thomsen, Cleveland 2nd: Curtis Blase, Westerville 3rd: James Nelson, Cleveland
<b>Obstacle Course</b> 1st: Jeremiah Thomsen, Cleveland 2nd: Curtis Blase, Westerville 3rd: Kindric Link, Piqua	<b>Overall</b> 1st: Jeremiah Thomsen, Cleveland 2nd: James Nelson, Cleveland 3rd: Curtis Blase, Westerville

## INDIVIDUAL JOURNEYMAN



Journeyman (left to right): Dan Cline, Piqua, David Overman, Jackson Center, Matt Freds, Marshall

### Journeyman event winners

<b>Hurtman Rescue</b> 1st: Dustin Foley, CVEC 2nd: David Overman, Jackson Center 3rd: William Houser, Cuyahoga Falls	<b>Rope Toss</b> 1st: Kenneth Wagner, Piqua 2nd: William Houser, Cuyahoga Falls 3rd: David Overman, Jackson Center
<b>Insulator Change Out</b> 1st: Dan Cline, Piqua 2nd: David Overman, Jackson Center 3rd: Dustin Foley, CVEC	<b>Cutout Change Out</b> 1st: Dan Cline, Piqua 2nd: David Overman, Jackson Center 3rd: Kenneth Wagner, Piqua
<b>Obstacle Course</b> 1st: David Overman, Jackson Center 2nd: Dustin Foley, CVEC 3rd: Dan Cline, Piqua	<b>Overall</b> 1st: David Overman, Jackson Center 2nd: Dan Cline, Piqua 3rd: Matt Freds, Marshall

### TEAM





Westerville team (left to right): Michael Roark, Cody Leitner and Chris Revennaugh

## Team event winners

<b>Hurtman Rescue</b> 1st: Westerville 2nd: CVEC Team 1 3rd: CVEC Team 2	<b>Wire Down</b> 1st: Westerville 2nd: CVEC Team 2 3rd: CVEC Team 1
<b>Insulator Change Out</b> 1st: Westerville 2nd: Bryan 3rd: CVEC Team 2	<b>Cross Arm Change Out - Grounded</b> 1st: Westerville 2nd: Bryan 3rd: CVEC Team 2
<b>Three Phase Transfer</b> 1st: Westerville 2nd: Bryan 3rd: CVEC Team 1	<b>Overall</b> 1st: Westerville 2nd: Bryan 3rd: CVEC Team 1

### Teams:

Bryan - J.J. Rupp, Brad Plummer and Whit Longcore

CVEC Team 1 - Jimmy Wilmoth, Steven Matney and Brian Prue

CVEC Team 2 - D.J. Noble, Brandon Hudson and Brute Gardner

Westerville - Cody Leitner, Michael Roark, Chris Revennaugh and John Friley



Bryan team (left to right), Brad Plummer, JJ Rupp and Whit Longcore



CVEC team (left to right): Steven Matney, Jimmy Wilmoth and Brian Prue

## **PJM, FirstEnergy, Penelec and MetEd set new 2018 peaks**

*By Mike Migliore - vice president of power supply planning*

Summer has not finished quietly, as another round of hot and humid weather spread across the entire PJM footprint, Aug. 27-29. Aug. 28 was the hottest day of the week throughout the RTO and led PJM to

one of their top 10 loads of all time at 150,640 MW. FirstEnergy's (ATSI) load of 12,701 MW on Aug. 28 at 5 p.m. exceeded their previous June 18 peak of 12,624 MW. PJM's Aug. 27 load of 145,792 MW also became one of PJM's 5CPs for the summer. July 5 and July 16 had previously been the fourth and fifth PJM CPs. Temperatures on Aug. 29 were hotter in eastern PJM, but the cold front and storms that passed through Illinois and Ohio during the afternoon kept the PJM load below 144,000 MW. The oppressive conditions on Aug. 29 lead to new 1CPs in Penelec and MetEd. Despite the warm temperatures, day-ahead prices at the AEP/Dayton Hub topped out at only \$88/MWh at 5 p.m. on Aug. 28. Real-time prices in FirstEnergy saw a short one-hour spike to \$211/MWh at 7 p.m. on Aug. 28.

The hot weather is not done yet. Loads on Sept. 4-6 have potential to exceed the year-to-date peaks, so peak shaving efforts will likely be needed.

The current CPs for 2018 are shown below. (EPT = Eastern Prevailing Time, also known as clock time)

ZONE	2018 Peak Load Thru 8/29/18	Date	Hour Ending EPT	2017 Peak
AEP	<b>22,759</b>	1/3/2018	8	<b>21,660</b>
FE	<b>12,701</b>	8/28/2018	17	<b>12,051</b>
APS	<b>9,342</b>	1/5/2018	20	<b>8,755</b>
PPL	<b>7,681</b>	1/5/2018	18	<b>7,401</b>
DUKE	<b>5,195</b>	6/18/2018	16	<b>5,036</b>
DELMARV	<b>4,002</b>	7/2/2018	18	<b>3,813</b>
DAYTON	<b>3,249</b>	6/18/2018	14	<b>3,204</b>
METED	<b>3,026</b>	8/29/2018	18	<b>2,897</b>
PENELEC	<b>2,993</b>	8/29/2018	14	<b>2,890</b>
PJM 1CP	<b>150,640</b>	8/28/2018	17	<b>145,331</b>
PJM 2CP	<b>148,459</b>	6/18/2018	17	<b>145,097</b>
PJM 3CP	<b>145,792</b>	8/27/2018	17	<b>142,003</b>
PJM 4CP	<b>145,668</b>	7/3/2018	16	<b>140,660</b>
PJM 5CP	<b>145,155</b>	7/2/2018	17	<b>138,365</b>

## Conference session to highlight utility industry disruptors

*By Brannndon Kelley - chief information officer*

The electric grid in the United States is experiencing a profound technological shift. This will be the focus of Morning General Session II of the 2018 AMP/OMEA Annual Conference, to take place Sept. 24-27 in Cleveland.

The traditional foundations of the industry are beginning to erode for the first time in a century, only to be replaced by new and exciting technologies and services. Much of this change is occurring at the edges of the distribution grid, where the majority of public power systems operate. While grid transformation does pose some significant challenges, there are also a great deal of opportunities for public power systems to take advantage of.

On Sept. 25, 10 a.m., Steve Collier of Milsoft Utility Solutions will help attendees to learn more about the new technologies and business models that are disrupting our industry, and how they might affect public power.

Conference registration can be completed [here](#). For additional information or questions about the AMP/OMEA Annual Conference, please contact Jodi Allalen at 614.540.0916 or [jallalen@amppartners.org](mailto:jallalen@amppartners.org).

## Conference session to feature Lightning Round talks

*By Michelle Palmer, P.E.*

The 2018 AMP/OMEA Annual Conference will again feature the popular Lightning Round session, which features a series of brief presentations from a number of different subject matter experts. These presentations are brief, insightful and efficient talks, intended to grab the attention of the audience and convey key information quickly.

This session is very popular with attendees, as it provides them with a great deal of engineering and operations insight in a short period of time. In past years, this session has featured presentations on topics such as substation projects, lighting and distribution upgrades, or updates on mutual aid. The hour-long session will feature five speakers, who's presentations are brief but impactful.

Conference registration can be completed [here](#). For additional information or questions about the AMP/OMEA Annual Conference, please contact Jodi Allalen at 614.540.0916 or [jallalen@amppartners.org](mailto:jallalen@amppartners.org).

## New content from the Smart Electric Power Alliance

*By Brad Benton - senior manager, membership - SEPA*

As a member of the Smart Electric Power Alliance, you have unlimited access to all SEPA content. From webinars, research reports or participating in working groups, it is all included in your membership.



Below is a snapshot of a few recent reports and upcoming webinars. You can access all these resources and more at [www.sepapower.org](http://www.sepapower.org).

### Reports

#### 2018 Utility Energy Storage Market Snapshot

Want to know what actually happened in the energy storage market last year? SEPA made it easy and did the hard work for you. The Utility Energy Storage Market Snapshot Series delivers unbiased analysis and figures based on verified interconnection data from over 130 U.S. utilities. Get the report [here](#).

#### 2018 Utility Solar Market Snapshot

The 11th Annual Utility Solar Market Snapshot delivers analysis and figures based on verified interconnection data from over 420 utilities across the U.S. This year you will discover signs of resilience, in spite of concerns about potential market decline and uncertainty. Get the report [here](#).

### Webinars:

#### Reinventing Demand Response with DERs

*Thursday, Sept. 6, 2 p.m.*

During this webinar you will dive deeper into Arizona Public Services' reverse demand response efforts, hear about DR renewable integration from Navigant, preview key insights from the SEPA-PLMA Demand Response Snapshot Report and explore the potential expanding role of DR. Register [here](#).

Learn more about our Oct. 25 webinar on Electrifying Transportation [here](#) and our Nov. 8 webinar on Utility Green Tariffs and Corporate Buyers [here](#).

As always, do not hesitate to contact Spencer Schecht on the SEPA Membership Team to learn more about your benefits. He can be reached at [sschecht@sepapower.org](mailto:sschecht@sepapower.org) or 202.350.4671.

## Energy markets update

*By Jerry Willman - assistant vice president of energy marketing*

The October 2018 natural gas contract increased \$0.011/MMBtu to close at \$2.874 yesterday. The EIA reported an injection of 70 Bcf for the week ending Aug. 24, which was above market expectations of 62 Bcf. The injection was larger than the five-year average of 59 Bcf and marked the first storage build above the five-year average in the last eight weeks. Weather forecast models are indicating a warm September, and some are forecasting that it could possibly be one of the warmest on record.

On-peak power prices for 2019 at AD Hub closed yesterday at \$36.28/MWh, which was \$.16/MWh lower for the week.

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

Week ending Aug. 31

MON	TUE	WED	THU	FRI
\$43.66	\$51.13	\$45.76	\$32.79	\$34.88

Week ending Aug. 24

MON	TUE	WED	THU	FRI
\$36.18	\$31.76	\$31.37	\$28.70	\$28.04

AEP/Dayton 2019 5x16 price as of Aug. 30 — \$36.28

AEP/Dayton 2019 5x16 price as of Aug. 23 — \$36.44

## AFEC weekly update

*By Jerry Willman*

The AMP Fremont Energy Center was available for 2x1 operation for the week. PJM dispatched the plant offline on Saturday and Sunday overnight based on economics. The plant operated between base load and duct fire range during the peak hours. Duct firing operated for 116 hours this week. The plant generated at a 78 percent capacity factor (based on 675 MW rating).

## Calling all hobby photographers!

*By Holly Karg - director of media relations and communications*

Do you or does someone you know within your community have a creative eye and talent of photography?

AMP is seeking outstanding and colorful photos of municipal electric operations, systems and professionals at work. As you know, each year we put together a calendar highlighting Members. For 2019, AMP is looking to spotlight local photography talent. Please consider submitting photos for consideration to be featured in the 2019 AMP Calendar. Following are some basic guidelines:

- Be sure the images are high resolution and in focus - must produce well in print.
- Be sure the images are full color.

- If using a phone camera, be sure the camera settings are set for high resolution, best quality.
- Photos of electric system staff working in the field, especially with great landscape, Public Power Week celebrations, fall colors or winter snow images featuring the community or utility are highly recommended.
- The photographer will be credited by name and municipality in the caption of the photo. No payment or advertising will be given.

**Deadline for photo submissions is Nov. 20.**

Please send photos directly to me at [hkarg@ampppartners.org](mailto:hkarg@ampppartners.org). If you have any questions feel free to email me or call at 614.540.6407.



# 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](http://www.PublicPower.org) under Education & Events. Non-members can enter coupon code **AMP** to receive the member rate.

- Strategic Planning Series  
Down to Brass Tacks: Implementing Your Strategic Plan **Sept. 6**
- Accounting & Finance Series  
Developing Cash Reserve Policies **Sept. 10**
- Wireless Pole Attachment Series  
Lessons from the Field: Wireless Deployment Best Practices and Issues **Sept. 13**
- Electric Diagnostic Testing of Power Transformers for Municipals **Sept. 20**



## Classifieds

Members interested in posting classifieds in Update may send a job description with start and end advertisement dates to [zhoffman@ampppartners.org](mailto:zhoffman@ampppartners.org). There is no charge for this service.

## City of Newton Falls seeks applicants for city manager

The City of Newton Falls is seeking applicants for the position of city manager. Salary negotiable, plus excellent benefits. Newton Falls residency is required. Newton Falls has a charter form of government with a five-member council and mayor. \$17.6 million budget, 38 full-time employees and 23 part-time employees. Municipal utilities include water treatment, water pollution control and electric distribution. A graduate degree in government/public administration/business-related field with a background in electric, water, water pollution control, administration, personnel management and economic development or municipal finance is preferred. Desire a credentialed City Manager who is a strong leader and motivator. Please send a letter of interest, resume, salary history, requirements and at least three work-related references to Kathleen King, city clerk, 19 N. Canal St., Newton Falls, OH 44444 or email [cityclerk@ci.newtonfalls.oh.us](mailto:cityclerk@ci.newtonfalls.oh.us) by Aug. 31, 2018. EOE

## Opportunities available at AMP

AMP is seeking applicants for the following positions:

AMI/MDM operator

For complete job descriptions, please visit the [AMP careers page](#).

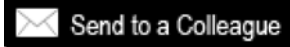
American Municipal Power, Inc.

STAY CONNECTED



[www.amppartners.org](http://www.amppartners.org)



[Cities & Villages Magazines](#)[Join Our Mailing List](#)[OML Classified Ads](#)[Update Municipal Officials](#) ~ New

## Legislative Bulletin

**September 7, 2018**

### OML UPDATE AT-A-GLANCE

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

- Ohio Secretary of State Jon Husted has announced that 9,652 new businesses have filed to do business in Ohio in July. That is an increase from the 852 businesses that filed in July of 2017. This new number brings the total of new businesses in Ohio since January to 76,130.
- Only four of the 26 businesses that have been selected to grow medical marijuana in Ohio have passed inspections and been approved for planting seeds, the first of which were planted July 31<sup>st</sup>. This means the medical marijuana program will not meet its legislated deadline of Sept. 8<sup>th</sup>.
- U.S. Senator Rob Portman announced that 25 Ohio organizations have received \$125,000 in grants through the Drug-Free Communities Act. These organizations will use the funds for evidence-based anti-drug programs throughout their local communities.

### 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. 31<sup>st</sup> through Friday, Nov. 2<sup>nd</sup>. 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 week. 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 31<sup>st</sup> through Thursday, November 1<sup>st</sup>. 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](#)

We are excited about these upcoming opportunities and look forward to seeing you there!

## **OHIO BOARD OF BUILDING STANDARDS SEEKS STAKEHOLDER INPUT**

The Ohio Board of Building Standards is seeking stakeholder input for residential code and certification rules changes. All state agencies are required to draft rules in collaboration with stakeholders, assess and justify any adverse impact on the business community, and provide opportunity for the affected public to provide input on the rules.

On July 19, 2018, the board issued a notice of its intent to amend the Certification Rules and the proposed update to the Residential Code of Ohio based on the 2018 International Residential Code with Ohio amendments as summarized below. The board sought input on these amendments and conducted a stakeholder meeting on August 17, 2018. Based on the comments received during this process, the board has modified the proposed rules. The board conducted a business regulatory impact analysis of the proposed rules and has documented its findings and summarized the changes in Business Impact Analysis (BIA) reports.

The proposed new rules and Business Impact Analysis reports can be found at the following link: <http://www.com.ohio.gov/ProposedRules.aspx>

Comments regarding these proposed amendments should be submitted by **September 30, 2018**. You may submit your comments via [email](#) or U.S. Mail at Ohio Board of Building Standards, 6606 Tussing Rd, Reynoldsburg, Ohio 43068, Attn: Regina Hanshaw.

## **Upcoming Meetings & Events**

<b><u>OML/OMAA Webinar Drone Technology, The Essential Guide</u></b>	<b>September 20, 2018  10:00 a.m. ~ 11:00 a.m.</b>	<b><u>Registration Information</u> Online Registration Now Available</b>
<b><u>OML Annual Conference</u></b>	<b><u>October 31 ~ November 2</u></b>	<b><u>Registration Information</u></b>
<b><u>MFOA Annual Conference</u></b>	<b><u>October 31 &amp; November 1</u></b>	<b><u>Registration Information</u></b>

[Ohio Municipal League](#)

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