

GENERAL INFORMATION

July 08, 2019

CALENDAR

MONDAY, JULY 08, 2019

Agenda - ELECTRIC COMMITTEE Meeting @6:15 pm

- Approval of Minutes
 - ♦ the minutes from the June 10th meeting are enclosed.
- Review/Approval of Power Supply Cost Adjustment Factor for July 2019
 - ♦ The PSCAF reports are attached.
- Electric Department Reports
 - ♦ The Electric Department Reports for June 2019 are enclosed.

Agenda – WATER, SEWER, REFUSE, RECYCLING AND LITTER COMMITTEE Meeting @7:00 pm

- Approval of Minutes
 - ♦ The June 10th meeting minutes are attached.
- Additional Refuse Bag. (w/BOPA)
- Spring Cleanup Summary. (w/BOPA)
 - ♦ The 2019 Spring Cleanup Summary is attached.

Agenda –MUNICIPAL PROPERTIES, BUILDING, LAND USE & ECONOMIC DEVELOPMENT Committee @7:30 pm

- Approval of Minutes
 - ♦ The minutes from the June 10th meeting are attached.
- Tax Increment Financing for the American Road Improvements Project.
 - ♦ Enclosed is a Memorandum from Joel showing funding sources for this project with the Engineer's Estimate of Construction for American Road & Oakwood Avenue Improvements included.
- ODOT Safety Project Application Award: St. Rt. 108 and US 24
 - ♦ Attached is the Safety Application Summary from ODOT and also the Conceptual Drawing for HEN-24 Exit 40.

TUESDAY, JULY 09, 2019

Agenda – Board of Zoning Appeals @4:30 pm

- Approval of Minutes
- BZA 19-06 Variance to the Front Setback – 1115 Sycamore Drive.

Canceled – Planning Commission

SATURDAY, JULY 13, 2019

There will be a joint meeting with the Henry County Commissioners at 7:30 am on Saturday, July 13th. The Commissioners' Clerk is to get back with Amanda if the meeting will be held at Council

Chambers or at the Commissioner's office, once that is established, the agenda will be sent out and published.

INFORMATIONAL ITEMS

- 1) AMP Newsletter / June 28, 2019.

Records Retention - CM-11 - 2 Years

July 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5	6
7	8 6:15 pm Electric Comm 6:15 pm BOPA 7:00 pm Water/Sewer Comm 7:30 pm Muni Prop. Comm.	9 4:30 pm BZA	10	11	12	13 7:30 am Joint Meeting with Henry County Commissioners - Location TBD
14	15 6:00 pm Parks Rec Comm. 6:00 pm Tree Comm. 7:00 pm City Council	16	17	18	19	20
21	22 6:30 pm Finance & Budget 7:30 pm Safety & HR Comm	23 4:30 pm Civil Service	24 8:00 am Healthcare Cost Committee	25	26	27
28	29	30	31 6:30 pm Parks & Rec Bd.	Notes:		

City of Napoleon, Ohio

ELECTRIC COMMITTEE

Meeting Agenda

Monday, July 08, 2019 at 6:15 pm

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

- 1) Approval of Minutes: June 10, 2019 (In the absence of any objections or corrections, the Minutes shall stand approved).
- 2) Review/Approval of the Power Supply Cost Adjustment Factor for July 2019: PSCA 3-month averaged factor \$0.02203; JV2 \$0.024091.
- 3) Electric Department Reports.
- 4) Any other matters to come before the Committee.
- 5) Adjournment.



Roxanne Dietrich
Interim Clerk of Council

Motion to Recommend Council Oppose HB6

Passed
Yea-2
Nay-0

Seemann presented two options that can be utilized for short term funding for engineering and design of the new pool plus demolition of the current pool, around \$500,000 will be needed. Option 1 would be to issue a one-year short term note the current interest rate, of as June 4th, was 1.70%, the cost of the note would be \$20,996 with \$12,500 of that for bond counsel, OMAC fee and financial advisor fee to sell the note the rest would be for 12 months' worth of interest. Short term notes are not pre-payable we may only need the amount for seven months but we will still have to pay 12 months of interest. Option 2 we would issue an internal loan from the Electric Development Fund that has a balance of about \$3.6 million I would recommend paying back interest at 1.70% based upon the current rate for short term borrowing. The bond counsel fee would be \$3,000 to issue the legal paperwork, Billy would do the petition to the court, the cost for

Motion to Recommend Option 2 for Short Term Financing of New Pool

Passed
Yea-2
Nay-0

Other Matters

Comadoll asked if the clubhouse will be torn down at the same time as the pool, both waterlines are off the same one. Mazur said we are tearing down the clubhouse too, that is part of the project the thought process is to keep things rolling, we can get a better price for demolition if we do separate.

O'Brien restated Comadoll asked about tearing down the Clubhouse due to the waterline being the same between the facilities. Mazur said we will have to reconfigure the waterline when construction starts, there will be a lot of water features with waterlines running every direction, the clubhouse will have a new water filtration system, the utilities will be addressed when we build the new underground utility piping and pumps there will be a totally new configuration.

Sheaffer asked you are not shortening the golf season to tear down the clubhouse? Mazur said the clubhouse will remain intact until the end. Comadoll added the waterline that feeds the front end of the pool and drinking faucet also feeds the clubhouse, the main line goes to the pump house over in the pit then you have a 2" service feeds that goes into pit.

Motion: Siclair Second: Sheaffer
to adjourn the Electric Committee meeting at 7:22 pm.

Passed
Yea-2
Nay-0

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

Approved

July 08, 2019

Travis Sheaffer - Chair

DRAFT

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
June'17	Aug '17	13,580,367	\$ 1,096,910.02	37,290,830	\$ 3,046,019.95	\$ 0.08168	\$ (0.07194)	\$ 0.00974	\$ 0.01047
July'17	Sep '17	14,573,346	\$ 1,192,319.89	40,367,108	\$ 3,295,254.14	\$ 0.08163	\$ (0.07194)	\$ 0.00969	\$ 0.01042
Aug'17	Oct '17	14,326,956	\$ 1,182,800.05	42,480,669	\$ 3,472,029.96	\$ 0.08173	\$ (0.07194)	\$ 0.00979	\$ 0.01052
Sept'17	Nov'17	12,915,106	\$ 1,041,374.28	41,815,408	\$ 3,416,494.22	\$ 0.08170	\$ (0.07194)	\$ 0.00976	\$ 0.01049
Oct'17	Dec'17	12,743,776	*\$ 1,064,421.41	39,985,838	\$ 3,288,595.74	\$ 0.08224	\$ (0.07194)	\$ 0.01030	\$ 0.01107
Nov'17	Jan'18	12,424,075	\$ 1,088,533.30	38,082,957	\$ 3,194,328.99	\$ 0.08388	\$ (0.07194)	\$ 0.01194	\$ 0.01284
Dec'17	Feb'18	13,391,143	\$ 1,149,912.68	38,558,994	\$ 3,302,867.39	\$ 0.08566	\$ (0.07194)	\$ 0.01372	\$ 0.01475
Jan'18	Mar'18	13,957,533	\$ 1,336,329.96	39,772,751	\$ 3,574,775.94	\$ 0.08988	\$ (0.07194)	\$ 0.01794	\$ 0.01929
Feb'18	Apr'18	12,213,852	*\$ 914,897.80	39,562,528	\$ 3,401,140.44	\$ 0.08597	\$ (0.07194)	\$ 0.01403	\$ 0.01508
Mar'18	May'18	12,894,285	*\$ 1,115,898.14	39,065,670	\$ 3,367,125.90	\$ 0.08619	\$ (0.07194)	\$ 0.01425	\$ 0.01532
Apr'18	June'18	11,995,837	\$ 1,154,645.74	37,103,974	\$ 3,185,441.68	\$ 0.08585	\$ (0.07194)	\$ 0.01391	\$ 0.01495
May'18	July'18	12,812,421	\$ 1,184,249.00	37,702,543	\$ 3,454,792.88	\$ 0.09163	\$ (0.07194)	\$ 0.01969	\$ 0.02117
June'18	Aug'18	13,813,277	\$ 1,230,516.92	38,621,535	\$ 3,569,411.66	\$ 0.09242	\$ (0.07194)	\$ 0.02048	\$ 0.02202
July'18	Sep'18	15,234,049	\$ 1,312,135.13	41,859,747	\$ 3,726,901.05	\$ 0.08903	\$ (0.07194)	\$ 0.01709	\$ 0.01837
Aug'18	Oct'18	15,634,242	\$ 1,275,023.19	44,681,568	\$ 3,817,675.24	\$ 0.08544	\$ (0.07194)	\$ 0.01350	\$ 0.01451
Sep'18	Nov'18	13,195,770	\$ 1,197,316.71	44,064,061	\$ 3,784,475.03	\$ 0.08589	\$ (0.07194)	\$ 0.01395	\$ 0.01500
Oct'18	Dec'18	12,827,093	\$ 1,201,860.98	41,657,105	\$ 3,674,200.88	\$ 0.08820	\$ (0.07194)	\$ 0.01626	\$ 0.01748
Nov'18	Jan'19	12,694,035	\$ 1,177,330.24	38,716,898	\$ 3,576,507.93	\$ 0.09238	\$ (0.07194)	\$ 0.02044	\$ 0.02197
Dec'18	Feb'19	12,936,598	\$ 1,175,315.11	38,457,726	\$ 3,554,506.33	\$ 0.09243	\$ (0.07194)	\$ 0.02049	\$ 0.02203
Jan'19	Mar'19	13,516,644	\$ 1,157,412.90	39,147,277	\$ 3,510,058.25	\$ 0.08966	\$ (0.07194)	\$ 0.01772	\$ 0.01905
Feb'19	Apr'19	12,112,198	\$ 1,076,627.71	38,565,440	\$ 3,409,355.72	\$ 0.08840	\$ (0.07194)	\$ 0.01646	\$ 0.01769
Mar'19	May'19	12,476,648	\$ 1,111,471.41	38,105,490	\$ 3,345,512.02	\$ 0.08780	\$ (0.07194)	\$ 0.01586	\$ 0.01705
Apr'19	June'19	10,913,916	\$ 1,043,515.66	35,502,762	\$ 3,231,614.78	\$ 0.09102	\$ (0.07194)	\$ 0.01908	\$ 0.02051
May'19	July'19	11,554,553	\$ 1,074,988.04	34,945,117	\$ 3,229,975.11	\$ 0.09243	\$ (0.07194)	\$ 0.02049	\$ 0.02203 <Up

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

PSCAF - Preparers Signature:

Name - Lori A. Rausch, Utility Billing Administrator



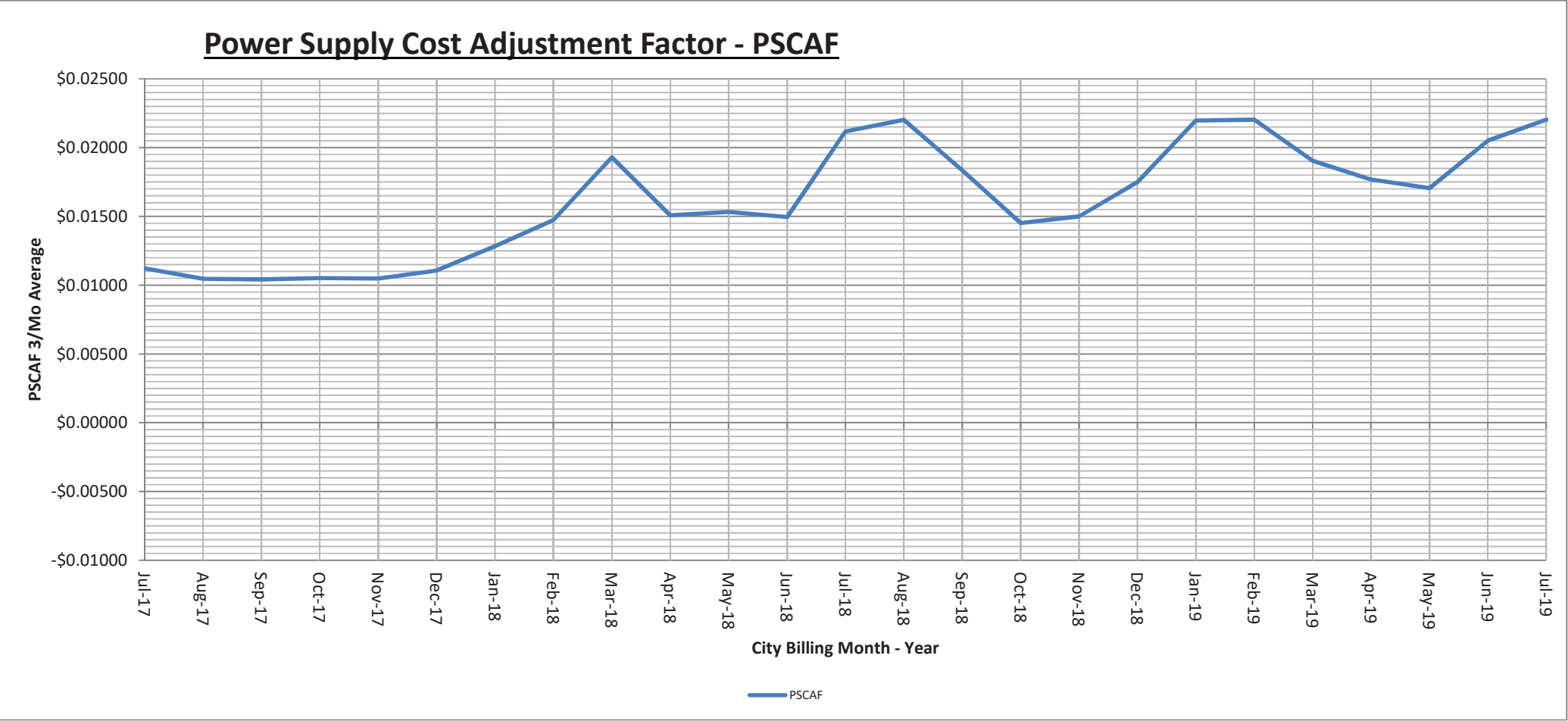
Signature Date 6/20/2019

PSCAF - Reviewers Signature:

Name - Kent Seemann, Finance Director



Signature Date 6/20/2019



6/25/2019

BILLING SUMMARY AND CO.																		
JUNE, 2019																		
2019 - JULY BILLING WITH MAY 2019 AMP BILL																		
		Sep-18				Oct-18					Nov-18				Dec-18			
Class and/or	Rate	# of	Sep-18	Sep-18	Cost / kWh	# of	Oct-18	Oct-18	Cost / kWh	# of	Nov-18	Nov-18	Cost / kWh	# of	Dec-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	3,350	3,081,597	\$381,317.28	\$0.1237	3,337	3,092,403	\$370,556.00	\$0.1198	3,334	2,028,219	\$251,008.17	\$0.1238	3,338	1,889,216	\$239,798.19	\$0.1269	
Residential (Dom-In) w/Ecosmart	E1E	8	6,146	\$768.44	\$0.1250	8	6,413	\$774.97	\$0.1208	8	4,070	\$511.40	\$0.1257	8	3,498	\$454.89	\$0.1300	
Residential (Dom-In - All Electric)	E2	612	480,532	\$59,991.48	\$0.1248	606	477,141	\$57,716.13	\$0.1210	608	341,256	\$42,496.39	\$0.1245	607	462,715	\$57,459.73	\$0.1242	
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	944	\$116.65	\$0.1236	1	882	\$105.90	\$0.1202	1	655	\$80.58	\$0.1230	1	488	\$62.77	\$0.1286	
Total Residential (Domestic)		3,971	3,569,219	\$442,193.85	\$0.1239	3,952	3,576,839	\$429,153.08	\$0.1200	3,951	2,374,200	\$294,096.54	\$0.1239	3,954	2,355,917	\$297,775.58	\$0.1264	
Residential (Rural-Out)	ER1	785	891,997	\$116,624.29	\$0.1307	783	876,121	\$111,314.51	\$0.1271	783	647,138	\$84,620.90	\$0.1308	777	708,091	\$93,471.61	\$0.1320	
Residential (Rural-Out) w/Ecosmart	ER1E	4	3,606	\$479.65	\$0.1330	4	3,496	\$452.74	\$0.1295	4	2,519	\$338.64	\$0.1344	4	2,889	\$389.65	\$0.1349	
Residential (Rural-Out - All Electric)	ER2	373	461,395	\$59,978.41	\$0.1300	372	450,295	\$56,878.39	\$0.1263	373	341,672	\$44,238.91	\$0.1295	372	423,283	\$54,944.35	\$0.1298	
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2	2,179	\$285.67	\$0.1311	2	1,978	\$253.52	\$0.1282	2	1,457	\$192.74	\$0.1323	2	2,084	\$272.23	\$0.1306	
Residential (Rural-Out w/Dmd)	ER3	16	22,592	\$2,912.12	\$0.1289	16	18,482	\$2,340.33	\$0.1266	16	19,264	\$2,441.54	\$0.1267	16	74,328	\$9,129.46	\$0.1228	
Residential (Rural-Out - All Electric w/Dm	ER4	9	9,780	\$1,281.92	\$0.1311	9	8,778	\$1,125.87	\$0.1283	9	7,575	\$987.87	\$0.1304	9	26,753	\$3,321.60	\$0.1242	
Total Residential (Rural)		1,189	1,391,549	\$181,562.06	\$0.1305	1,186	1,359,150	\$172,365.36	\$0.1268	1,187	1,019,625	\$132,820.60	\$0.1303	1,180	1,237,428	\$161,528.90	\$0.1305	
Commercial (1 Ph-In - No Dmd)	EC2	73	38,745	\$6,108.85	\$0.1577	74	38,826	\$5,982.15	\$0.1541	73	31,927	\$5,082.08	\$0.1592	72	31,350	\$5,072.66	\$0.1618	
Commercial (1 Ph-Out - No Dmd)	EC2O	48	7,906	\$1,644.36	\$0.2080	48	7,432	\$1,551.72	\$0.2088	48	7,158	\$1,519.28	\$0.2122	48	11,512	\$2,120.54	\$0.1842	
Total Commercial (1 Ph) No Dmd		121	46,651	\$7,753.21	\$0.1662	122	46,258	\$7,533.87	\$0.1629	121	39,085	\$6,601.36	\$0.1689	120	42,862	\$7,193.20	\$0.1678	
Commercial (1 Ph-In - w/Demand)	EC1	262	398,500	\$59,217.68	\$0.1486	262	448,290	\$63,411.55	\$0.1415	260	333,955	\$50,414.30	\$0.1510	261	301,216	\$47,256.04	\$0.1569	
Commercial (1 Ph-Out - w/Demand)	EC1O	25	52,396	\$7,170.55	\$0.1369	25	50,388	\$6,718.61	\$0.1333	25	43,706	\$5,912.53	\$0.1353	26	42,048	\$5,891.05	\$0.1401	
Total Commercial (1 Ph) w/Demand		287	450,896	\$66,388.23	\$0.1472	287	498,678	\$70,130.16	\$0.1406	285	377,661	\$56,326.83	\$0.1491	287	343,264	\$53,147.09	\$0.1548	
Commercial (3 Ph-Out - No Dmd)	EC4O	2	40	\$41.40	\$1.0350	2	40	\$41.25	\$1.0313	2	80	\$46.53	\$0.5816	2	3,360	\$486.07	\$0.1447	
Total Commercial (3 Ph) No Dmd		2	40	\$41.40	\$1.0350	2	40	\$41.25	\$1.0313	2	80	\$46.53	\$0.5816	2	3,360	\$486.07	\$0.1447	
Commercial (3 Ph-In - w/Demand)	EC3	205	1,852,442	\$246,545.64	\$0.1331	207	1,898,554	\$247,165.90	\$0.1302	209	1,702,362	\$223,994.72	\$0.1316	207	1,489,381	\$201,812.93	\$0.1355	
Commercial (3 Ph-Out - w/Demand)	EC3O	37	302,193	\$41,843.55	\$0.1385	37	303,888	\$39,846.47	\$0.1311	37	298,204	\$41,023.08	\$0.1376	37	478,436	\$61,911.19	\$0.1294	
Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	3	126,360	\$15,879.18	\$0.1257	3	122,920	\$14,951.02	\$0.1216	3	105,920	\$13,083.62	\$0.1235	3	93,080	\$11,597.88	\$0.1246	
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	8,880	\$1,126.29	\$0.1268	1	8,040	\$998.75	\$0.1242	1	7,320	\$925.93	\$0.1265	1	4,040	\$577.48	\$0.1429	
Total Commercial (3 Ph) w/Demand		246	2,289,875	\$305,394.66	\$0.1334	248	2,333,402	\$302,962.20	\$0.1298	250	2,113,806	\$279,027.35	\$0.1320	248	2,064,937	\$275,899.48	\$0.1336	
Large Power (In - w/Dmd & Rct)	EL1	20	2,452,238	\$263,428.77	\$0.1074	20	2,560,069	\$266,286.49	\$0.1040	20	2,330,080	\$248,092.31	\$0.1065	20	2,018,869	\$221,370.58	\$0.1097	
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,127,543	\$111,927.95	\$0.0993	3	1,114,476	\$107,148.68	\$0.0961	3	1,093,394	\$107,573.02	\$0.0984	3	1,116,708	\$108,755.82	\$0.0974	
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	1	507,600	\$54,558.29	\$0.1075	1	488,400	\$51,626.25	\$0.1057	1	471,600	\$51,894.73	\$0.1100	1	514,800	\$54,289.13	\$0.1055	
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	80,800	\$13,357.94	\$0.1653	2	79,122	\$14,827.66	\$0.1874	2	82,736	\$14,921.36	\$0.1803	2	67,570	\$9,376.88	\$0.1388	
Total Large Power		26	4,168,181	\$443,272.95	\$0.1063	26	4,242,067	\$439,889.08	\$0.1037	26	3,977,810	\$422,481.42	\$0.1062	26	3,717,947	\$393,792.41	\$0.1059	
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,140,164	\$108,239.67	\$0.0949	1	1,112,529	\$101,948.30	\$0.0916	1	1,024,215	\$94,884.34	\$0.0926	1	1,028,639	\$99,197.67	\$0.0964	
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	916,506	\$87,069.32	\$0.0950	1	920,929	\$88,265.27	\$0.0958	1	850,818	\$80,494.14	\$0.0946	1	860,021	\$83,657.45	\$0.0973	
Total Industrial		2	2,056,670	\$195,308.99	\$0.0950	2	2,033,458	\$190,213.57	\$0.0935	2	1,875,033	\$175,378.48	\$0.0935	2	1,888,660	\$182,855.12	\$0.0968	
Interdepartmental (In - No Dmd)	ED1	10	48,027	\$6,417.77	\$0.1336	10	27,285	\$3,867.27	\$0.1417	10	24,460	\$3,439.21	\$0.1406	9	30,855	\$4,238.59	\$0.1374	
Interdepartmental (Out - w/Dmd)	ED2O	2	588	\$103.55	\$0.1761	2	387	\$74.91	\$0.1936	2	332	\$67.85	\$0.2044	2	263	\$59.43	\$0.2260	
Interdepartmental (In - w/Dmd)	ED2	29	23,590	\$3,536.12	\$0.1499	28	20,986	\$3,091.87	\$0.1473	28	24,160	\$3,519.12	\$0.1457	27	50,475	\$7,088.03	\$0.1404	
Interdepartmental (3Ph-In - w/Dmd)	ED3	10	154,527	\$20,179.18	\$0.1306	10	166,786	\$20,894.12	\$0.1253	10	140,597	\$17,423.92	\$0.1239	10	144,770	\$18,717.77	\$0.1293	
Interdepartmental (Street Lights)	EDSL	7	63,071	\$5,868.82	\$0.0931	7	63,071	\$5,866.74	\$0.0930	7	63,071	\$5,867.80	\$0.0930	5	14,659	\$1,417.65	\$0.0967	
Interdepartmental (Traffic Signals)	EDTS	8	1,615	\$149.33	\$0.0925	8	1,535	\$141.91	\$0.0924	8	1,563	\$144.53	\$0.0925	8	1,746	\$161.41	\$0.0924	
Generators (JV2 Power Cost Only)	GJV2	1	14,354	\$311.19	\$0.0217	1	14,090	\$382.54	\$0.0271	1	15,181	\$404.57	\$0.0266	1	18,406	\$642.92	\$0.0349	
Generators (JV5 Power Cost Only)	GJV5	1	6,673	\$144.67	\$0.0217	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	
Total Interdepartmental		68	312,445	\$36,710.63	\$0.1175	66	294,140	\$34,319.36	\$0.1167	66	269,364	\$30,867.00	\$0.1146	62	261,174	\$32,325.80	\$0.1238	
SUB-TOTAL CONSUMPTION & DEMAND		5,912	14,285,526	\$1,678,625.98	\$0.1175	5,891	14,384,032	\$1,646,607.93	\$0.1145	5,890	12,046,664	\$1,397,646.11	\$0.1160	5,881	11,915,549	\$1,405,003.65	\$0.1179	
Street Lights (In)		SLO	14	0	\$13.44	\$0.0000	14	0	\$13.43	\$0.0000	14	0	\$13.43	\$0.0000	14	0	\$13.44	\$0.0000
Street Lights (Out)		SLOO	2	0	\$1.91	\$0.0000	2	0	\$1.92	\$0.0000	2	0	\$1.91	\$0.0000	2	0	\$1.91	\$0.0000
Total Street Light Only		16	0	\$15.35	\$0.0000	16	0	\$15.35	\$0.0000	16	0	\$15.34	\$0.0000	16	0	\$15.35	\$0.0000	
TOTAL CONSUMPTION & DEMAND		5,928	14,285,526	\$1,678,641.33	\$0.1175	5,907	14,384,032	\$1,646,623.28	\$0.1145	5,906	12,046,664	\$1,397,661.45	\$0.1160	5,897	11,915,549	\$1,405,019.00	\$0.1179	

BILLING SUMMARY AND CO

JUNE, 2019

2019 - JULY BILLING WITH MAY 2019 AMP BILL

Class and/or Schedule	Rate Code	Jan-19		Jan-19 Billed	Cost / kWh For Month	Feb-19		Feb-19 Billed	Cost / kWh For Month	Mar-19		Mar-19 Billed	Cost / kWh For Month	Apr-19		Apr-19 Billed	Cost / kWh For Month	May-19	
		# of Bills	(kWh Usage)			# of Bills	(kWh Usage)			# of Bills	(kWh Usage)			# of Bills	(kWh Usage)			# of Bills	(kWh Usage)
Residential (Dom-In)	E1	3,329	2,091,530	\$272,665.07	\$0.1304	3,340	2,274,677	\$294,991.21	\$0.1297	3,333	2,465,436	\$310,648.89	\$0.1260	3,342	2,035,692	\$257,277.91	\$0.1264	3,344	1,923,171
Residential (Dom-In) w/Ecosmart	E1E	8	3,404	\$459.27	\$0.1349	8	3,681	\$492.96	\$0.1339	8	3,762	\$491.53	\$0.1307	8	3,079	\$406.83	\$0.1321	8	3,052
Residential (Dom-In - All Electric)	E2	608	614,990	\$77,936.27	\$0.1267	610	676,299	\$85,395.38	\$0.1263	610	833,025	\$101,831.08	\$0.1222	620	672,647	\$82,084.80	\$0.1220	621	557,529
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	585	\$76.68	\$0.1311	1	480	\$64.01	\$0.1334	1	526	\$68.02	\$0.1293	1	508	\$65.20	\$0.1283	1	457
Total Residential (Domestic)		3,946	2,710,509	\$351,137.29	\$0.1295	3,959	2,955,137	\$380,943.56	\$0.1289	3,952	3,302,749	\$413,039.52	\$0.1251	3,971	2,711,926	\$339,834.74	\$0.1253	3,974	2,484,209
Residential (Rural-Out)	ER1	774	786,974	\$106,504.33	\$0.1353	777	887,650	\$119,215.41	\$0.1343	777	961,894	\$125,641.90	\$0.1306	776	794,190	\$104,015.97	\$0.1310	776	699,983
Residential (Rural-Out) w/Ecosmart	ER1E	4	3,143	\$434.51	\$0.1382	4	3,880	\$527.26	\$0.1359	4	3,702	\$493.87	\$0.1334	4	3,058	\$410.74	\$0.1343	4	2,544
Residential (Rural-Out - All Electric)	ER2	371	481,455	\$64,120.63	\$0.1332	371	534,467	\$70,803.11	\$0.1325	371	609,784	\$78,413.48	\$0.1286	370	498,088	\$64,053.38	\$0.1286	370	416,573
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2	2,654	\$353.13	\$0.1331	2	2,987	\$395.11	\$0.1323	2	3,344	\$429.97	\$0.1286	2	2,955	\$378.26	\$0.1280	2	2,425
Residential (Rural-Out w/Dmd)	ER3	16	157,138	\$19,780.75	\$0.1259	15	81,165	\$10,304.66	\$0.1270	15	48,348	\$6,081.31	\$0.1254	15	25,173	\$3,197.46	\$0.1270	15	26,458
Residential (Rural-Out - All Electric w/Drm	ER4	9	21,723	\$2,811.78	\$0.1294	9	12,300	\$1,634.32	\$0.1329	9	11,570	\$1,508.06	\$0.1303	9	10,622	\$1,377.53	\$0.1297	9	9,409
Total Residential (Rural)		1,176	1,453,087	\$194,005.13	\$0.1335	1,178	1,522,449	\$202,879.87	\$0.1333	1,178	1,638,642	\$212,548.61	\$0.1297	1,176	1,334,086	\$173,433.34	\$0.1300	1,176	1,157,392
Commercial (1 Ph-In - No Dmd)	EC2	72	33,835	\$5,516.43	\$0.1630	72	34,992	\$5,719.92	\$0.1635	72	38,814	\$6,133.79	\$0.1580	72	31,999	\$5,166.30	\$0.1615	72	31,882
Commercial (1 Ph-Out - No Dmd)	EC2O	50	14,955	\$2,644.10	\$0.1768	50	11,714	\$2,225.35	\$0.1900	50	14,161	\$2,522.55	\$0.1781	50	11,118	\$2,094.53	\$0.1884	50	9,408
Total Commercial (1 Ph) No Dmd		122	48,790	\$8,160.53	\$0.1673	122	46,706	\$7,945.27	\$0.1701	122	52,975	\$8,656.34	\$0.1634	122	43,117	\$7,260.83	\$0.1684	122	41,290
Commercial (1 Ph-In - w/Demand)	EC1	258	287,417	\$45,278.62	\$0.1575	258	307,384	\$48,124.40	\$0.1566	258	330,566	\$49,985.17	\$0.1512	259	299,031	\$45,856.29	\$0.1533	260	309,521
Commercial (1 Ph-Out - w/Demand)	EC1O	24	43,614	\$6,291.91	\$0.1443	24	49,827	\$7,283.21	\$0.1462	24	46,986	\$6,633.96	\$0.1412	24	41,830	\$5,894.91	\$0.1409	24	43,432
Total Commercial (1 Ph) w/Demand		282	331,031	\$51,570.53	\$0.1558	282	357,211	\$55,407.61	\$0.1551	282	377,552	\$56,619.13	\$0.1500	283	340,861	\$51,751.20	\$0.1518	284	352,953
Commercial (3 Ph-Out - No Dmd)	EC4O	2	18,800	\$2,635.31	\$0.1402	2	15,080	\$2,121.23	\$0.1407	2	160	\$57.71	\$0.3607	2	600	\$116.60	\$0.1943	2	360
Total Commercial (3 Ph) No Dmd		2	18,800	\$2,635.31	\$0.1402	2	15,080	\$2,121.23	\$0.1407	2	160	\$57.71	\$0.3607	2	600	\$116.60	\$0.1943	2	360
Commercial (3 Ph-In - w/Demand)	EC3	214	1,695,547	\$262,209.45	\$0.1546	214	1,695,558	\$232,874.42	\$0.1373	215	1,843,999	\$246,143.40	\$0.1335	214	1,840,308	\$243,290.37	\$0.1322	215	1,680,476
Commercial (3 Ph-Out - w/Demand)	EC3O	37	419,781	\$56,966.14	\$0.1357	37	346,175	\$47,574.03	\$0.1374	38	303,214	\$40,961.20	\$0.1351	37	288,847	\$38,828.23	\$0.1344	37	259,862
Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	3	95,160	\$12,496.97	\$0.1313	3	97,600	\$12,627.24	\$0.1294	3	114,920	\$14,544.21	\$0.1266	3	104,160	\$13,110.89	\$0.1259	3	96,960
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	1,680	\$235.69	\$0.1403	1	1,960	\$267.70	\$0.1366	1	1,880	\$253.74	\$0.1350	1	1,880	\$250.82	\$0.1334	1	1,640
Total Commercial (3 Ph) w/Demand		255	2,212,168	\$331,908.25	\$0.1500	255	2,141,293	\$293,343.39	\$0.1370	257	2,264,013	\$301,902.55	\$0.1333	255	2,235,195	\$295,480.31	\$0.1322	256	2,038,938
Large Power (In - w/Dmd & Rct)	EL1	15	1,597,489	\$180,631.84	\$0.1131	15	1,478,807	\$170,170.64	\$0.1151	15	1,629,248	\$176,214.53	\$0.1082	15	1,519,156	\$166,527.05	\$0.1096	15	1,662,985
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,025,490	\$110,924.41	\$0.1082	3	963,774	\$103,700.34	\$0.1076	3	922,545	\$96,209.85	\$0.1043	3	890,900	\$92,963.95	\$0.1043	3	974,049
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	469,200	\$52,762.88	\$0.1125	1	382,800	\$46,480.47	\$0.1214	1	488,400	\$52,538.17	\$0.1076	1	444,000	\$49,582.76	\$0.1117	1	448,800
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	58,800	\$6,223.37	\$0.1058	2	61,200	\$6,516.36	\$0.1065	2	67,200	\$6,824.48	\$0.1016	2	61,200	\$6,282.65	\$0.1027	2	55,210
Total Large Power		21	3,150,979	\$350,542.50	\$0.1112	21	2,886,581	\$326,867.81	\$0.1132	21	3,107,393	\$331,787.03	\$0.1068	21	2,915,256	\$315,356.41	\$0.1082	21	3,141,044
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	979,077	\$99,325.81	\$0.1014	1	756,625	\$80,906.51	\$0.1069	1	953,746	\$93,976.56	\$0.0985	1	793,516	\$80,520.83	\$0.1015	1	853,543
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	759,385	\$79,525.88	\$0.1047	1	709,545	\$75,871.03	\$0.1069	1	679,242	\$70,650.12	\$0.1040	1	592,800	\$64,867.63	\$0.1094	1	786,160
Total Industrial		2	1,738,462	\$178,851.69	\$0.1029	2	1,466,170	\$156,777.54	\$0.1069	2	1,632,988	\$164,626.68	\$0.1008	2	1,386,316	\$145,388.46	\$0.1049	2	1,639,703
Interdepartmental (In - No Dmd)	ED1	9	30,783	\$4,036.98	\$0.1311	10	36,732	\$4,838.55	\$0.1317	9	41,855	\$5,271.19	\$0.1259	9	33,828	\$4,311.86	\$0.1275	10	28,938
Interdepartmental (Out - w/Dmd)	ED2O	2	251	\$58.94	\$0.2348	2	289	\$64.23	\$0.2222	2	246	\$57.53	\$0.2339	2	234	\$55.59	\$0.2376	2	357
Interdepartmental (In - w/Dmd)	ED2	29	66,602	\$9,567.47	\$0.1437	29	75,208	\$10,762.28	\$0.1431	27	82,014	\$11,431.90	\$0.1394	27	65,129	\$9,060.76	\$0.1391	27	42,935
Interdepartmental (3Ph-In - w/Dmd)	ED3	10	147,035	\$19,433.31	\$0.1322	10	152,446	\$20,037.67	\$0.1314	10	205,686	\$26,332.92	\$0.1280	10	188,404	\$23,936.79	\$0.1271	10	175,037
Interdepartmental (Street Lights)	EDSL	5	14,608	\$1,408.20	\$0.0964	5	18,020	\$1,729.62	\$0.0960	5	14,608	\$1,416.67	\$0.0970	5	14,608	\$1,413.75	\$0.0968	6	21,490
Interdepartmental (Traffic Signals)	EDTS	8	1,606	\$148.50	\$0.0925	8	1,749	\$161.72	\$0.0925	8	1,474	\$136.29	\$0.0925	8	1,267	\$117.15	\$0.0925	8	1,266
Generators (JV2 Power Cost Only)	GJV2	1	19,321	\$700.19	\$0.0362	1	19,808	\$584.93	\$0.0295	1	21,704	\$603.15	\$0.0278	1	18,459	\$450.95	\$0.0244	1	18,241
Generators (JV5 Power Cost Only)	GJV5	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0
Total Interdepartmental		64	280,206	\$35,353.59	\$0.1262	65	304,252	\$38,179.00	\$0.1255	62	367,587	\$45,249.65	\$0.1231	62	321,929	\$39,346.85	\$0.1222	64	288,264
SUB-TOTAL CONSUMPTION & DEMAND		5,870	11,944,032	\$1,504,164.82	\$0.1259	5,886	11,694,879	\$1,464,465.28	\$0.1252	5,878	12,744,059	\$1,534,487.22	\$0.1204	5,894	11,289,286	\$1,367,968.74	\$0.1212	5,901	11,144,153
Street Lights (In)	SLO	14	0	\$13.43	\$0.0000	14	0	\$13.44	\$0.0000	14	0	\$13.43	\$0.0000	14	0	\$13.44	\$0.0000	14	0
Street Lights (Out)	SLOO	2	0	\$1.91	\$0.0000	2	0	\$1.92	\$0.0000	2	0	\$1.92	\$0.0000	2	0	\$1.92	\$0.0000	2	0
Total Street Light Only		16	0	\$15.34	\$0.0000	16	0	\$15.36	\$0.0000	16	0	\$15.35	\$0.0000	16	0	\$15.36	\$0.0000	16	0
TOTAL CONSUMPTION & DEMAND		5,886	11,944,032	\$1,504,180.16	\$0.1259	5,902	11,694,879	\$1,464,480.64	\$0.1252	5,894	12,744,059	\$1,534,502.57	\$0.1204	5,910	11,289,286	\$1,367,984.10	\$0.1212	5,917	11,144,153

BILLING SUMMARY AND CO												
JUNE, 2019												
2019 - JULY BILLING WITH MAY 2019 AMP BILL												
Class and/or Schedule	Rate Code	May-19 Billed	Cost / kWh For Month	Jun-19 # of Bills	Jun-19 (kWh Usage)	Jun-19 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	\$242,954.41	\$0.1263	3,339	1,637,164	\$215,454.91	\$0.1316	27,966,019	\$3,533,130.84	\$0.1263	3,339	56.5068%
Residential (Dom-In) w/Ecosmart	E1E	\$401.71	\$0.1316	8	2,976	\$403.19	\$0.1355	51,699	\$6,661.27	\$0.1288	8	0.1354%
Residential (Dom-In - All Electric)	E2	\$68,338.87	\$0.1226	629	394,726	\$50,889.72	\$0.1289	6,383,998	\$796,626.43	\$0.1248	612	10.3635%
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	\$58.97	\$0.1290	1	458	\$60.66	\$0.1324	7,366	\$938.19	\$0.1274	1	0.0169%
Total Residential (Domestic)		\$311,753.96	\$0.1255	3,977	2,035,324	\$266,808.48	\$0.1311	34,409,082	\$4,337,356.73	\$0.1261	3,960	67.0226%
Residential (Rural-Out)	ER1	\$92,162.85	\$0.1317	778	617,058	\$84,339.73	\$0.1367	9,516,991	\$1,259,630.26	\$0.1324	780	13.1927%
Residential (Rural-Out) w/Ecosmart	ER1E	\$346.81	\$0.1363	4	2,319	\$327.68	\$0.1413	37,417	\$5,065.36	\$0.1354	4	0.0677%
Residential (Rural-Out - All Electric)	ER2	\$53,930.58	\$0.1295	370	347,201	\$46,775.22	\$0.1347	5,428,930	\$709,853.15	\$0.1308	372	6.2917%
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	\$312.46	\$0.1288	2	1,967	\$264.01	\$0.1342	28,226	\$3,702.30	\$0.1312	2	0.0338%
Residential (Rural-Out w/Dmd)	ER3	\$3,336.23	\$0.1261	15	23,350	\$3,042.66	\$0.1303	539,320	\$68,239.55	\$0.1265	16	0.2637%
Residential (Rural-Out - All Electric w/Dm	ER4	\$1,224.75	\$0.1302	9	7,985	\$1,080.63	\$0.1353	143,695	\$18,686.88	\$0.1300	9	0.1523%
Total Residential (Rural)		\$151,313.68	\$0.1307	1,178	999,880	\$135,829.93	\$0.1358	15,694,579	\$2,065,177.50	\$0.1316	1,182	20.0020%
Commercial (1 Ph-In - No Dmd)	EC2	\$5,130.75	\$0.1609	72	31,708	\$5,216.75	\$0.1645	414,078	\$66,565.03	\$0.1608	73	1.2270%
Commercial (1 Ph-Out - No Dmd)	EC2O	\$1,858.70	\$0.1976	50	8,791	\$1,806.71	\$0.2055	119,630	\$23,281.07	\$0.1946	49	0.8293%
Total Commercial (1 Ph) No Dmd		\$6,989.45	\$0.1693	122	40,499	\$7,023.46	\$0.1734	533,708	\$89,846.10	\$0.1683	122	2.0563%
Commercial (1 Ph-In - w/Demand)	EC1	\$46,731.05	\$0.1510	260	267,791	\$42,762.13	\$0.1597	3,937,804	\$602,263.67	\$0.1529	260	4.3990%
Commercial (1 Ph-Out - w/Demand)	EC1O	\$6,099.39	\$0.1404	24	39,876	\$5,796.90	\$0.1454	546,099	\$76,770.70	\$0.1406	25	0.4161%
Total Commercial (1 Ph) w/Demand		\$52,830.44	\$0.1497	284	307,667	\$48,559.03	\$0.1578	4,483,903	\$679,034.37	\$0.1514	285	4.8150%
Commercial (3 Ph-Out - No Dmd)	EC4O	\$84.14	\$0.2337	2	80	\$46.97	\$0.5871	38,720	\$5,765.78	\$0.1489	2	0.0338%
Total Commercial (3 Ph) No Dmd		\$84.14	\$0.2337	2	80	\$46.97	\$0.5871	38,720	\$5,765.78	\$0.1489	2	0.0338%
Commercial (3 Ph-In - w/Demand)	EC3	\$223,008.67	\$0.1327	214	1,672,860	\$228,330.04	\$0.1365	20,548,831	\$2,794,246.81	\$0.1360	211	3.5654%
Commercial (3 Ph-Out - w/Demand)	EC3O	\$35,269.49	\$0.1357	37	235,437	\$33,446.06	\$0.1421	3,783,507	\$515,514.57	\$0.1363	37	0.6276%
Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	\$12,199.22	\$0.1258	3	91,160	\$11,798.87	\$0.1294	1,287,120	\$163,192.68	\$0.1268	3	0.0508%
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	\$221.35	\$0.1350	1	1,720	\$235.63	\$0.1370	46,280	\$6,227.57	\$0.1346	1	0.0169%
Total Commercial (3 Ph) w/Demand		\$270,698.73	\$0.1328	255	2,001,177	\$273,810.60	\$0.1368	25,665,738	\$3,479,181.63	\$0.1356	252	4.2608%
Large Power (In - w/Dmd & Rct)	EL1	\$177,044.25	\$0.1065	15	1,621,674	\$178,664.86	\$0.1102	23,390,830	\$2,560,150.07	\$0.1095	18	0.2962%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	\$99,096.19	\$0.1017	3	1,002,197	\$104,581.35	\$0.1044	12,365,700	\$1,264,718.45	\$0.1023	3	0.0508%
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	\$50,347.54	\$0.1122	1	452,400	\$52,253.99	\$0.1155	5,566,800	\$620,163.61	\$0.1114	1	0.0169%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	\$5,835.99	\$0.1057	2	60,593	\$21,241.23	\$0.3506	835,063	\$136,911.09	\$0.1640	2	0.0338%
Total Large Power		\$332,323.97	\$0.1058	21	3,136,864	\$356,741.43	\$0.1137	42,158,393	\$4,581,943.22	\$0.1087	24	0.3977%
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	\$80,449.78	\$0.0943	1	772,121	\$80,559.60	\$0.1043	11,559,454	\$1,134,317.06	\$0.0981	1	0.0169%
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	\$76,598.10	\$0.0974	1	706,069	\$73,992.70	\$0.1048	9,531,371	\$954,263.39	\$0.1001	1	0.0169%
Total Industrial		\$157,047.88	\$0.0958	2	1,478,190	\$154,552.30	\$0.1046	21,090,825	\$2,088,580.45	\$0.0990	2	0.0338%
Interdepartmental (In - No Dmd)	ED1	\$3,730.91	\$0.1289	10	23,142	\$3,163.33	\$0.1367	415,014	\$55,692.37	\$0.1342	10	0.1664%
Interdepartmental (Out - w/Dmd)	ED2O	\$71.87	\$0.2013	2	446	\$85.32	\$0.1913	4,629	\$918.44	\$0.1984	2	0.0338%
Interdepartmental (In - w/Dmd)	ED2	\$6,062.18	\$0.1412	27	31,110	\$4,592.92	\$0.1476	531,761	\$76,263.81	\$0.1434	28	0.4739%
Interdepartmental (3Ph-In - w/Dmd)	ED3	\$22,596.36	\$0.1291	10	158,726	\$21,126.86	\$0.1331	1,906,565	\$247,943.60	\$0.1300	10	0.1721%
Interdepartmental (Street Lights)	EDSL	\$2,048.15	\$0.0953	6	21,490	\$2,074.95	\$0.0966	434,838	\$40,845.86	\$0.0939	6	0.1015%
Interdepartmental (Traffic Signals)	EDTS	\$117.05	\$0.0925	8	1,386	\$128.17	\$0.0925	18,372	\$1,698.72	\$0.0925	8	0.1368%
Generators (JV2 Power Cost Only)	GJV2	\$514.58	\$0.0282	1	17,475	\$444.56	\$0.0254	207,010	\$5,870.66	\$0.0284	1	0.0169%
Generators (JV5 Power Cost Only)	GJV5	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	21,874	\$577.62	\$0.0264	0	0.0042%
Total Interdepartmental		\$35,141.10	\$0.1219	64	253,775	\$31,616.11	\$0.1246	3,540,063	\$429,811.08	\$0.1214	65	1.1057%
SUB-TOTAL CONSUMPTION & DEMAND		\$1,318,183.35	\$0.1183	5,905	10,253,456	\$1,274,988.31	\$0.1243	147,615,011	\$17,756,696.86	\$0.1203	5,893	99.7278%
Street Lights (In)	SLO	\$13.44	\$0.0000	14	0	\$13.44	\$0.0000	0	\$161.37	\$0.0000	14	0.2384%
Street Lights (Out)	SLOO	\$1.92	\$0.0000	2	0	\$1.92	\$0.0000	0	\$22.99	\$0.0000	2	0.0338%
Total Street Light Only		\$15.36	\$0.0000	16	0	\$15.36	\$0.0000	0	\$184.36	\$0.0000	16	0.2722%
TOTAL CONSUMPTION & DEMAND		\$1,318,198.71	\$0.1183	5,921	10,253,456	\$1,275,003.67	\$0.1243	147,615,011	\$17,756,881.22	\$0.1203	5,909	100.0000%

BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - JULY, 2019									
2019 - JULY BILLING WITH MAY 2019 AMP BILLING PERIOD AND JUNE 2019 CITY CONSUMPTION AND BILLING DATA									
PREVIOUS MONTH'S POWER BILLS - PURCHASED POWER KWH AND COST ALLOCATIONS BY DEMAND & ENERGY:									
<u>DATA PERIOD</u>	<u>MONTH / YR</u>	<u>DAYS IN MONTH</u>	<u>MUNICIPAL PEAK</u>						
AMP-Ohio Bill Month	MAY, 2019	31	22.201						
City-System Data Month	JUNE, 2019	30							
City-Monthly Billing Cycle	JULY, 2019	31							
=====CONTRACTED AND OPEN MARKET POWER=====									
==PEAKING==									
=====HYDRO POWER=====									
(	AMP CT	FREEMONT	PRAIRIE STATE	MORGAN STNLY.	NORTHERN	JV-2	AMP-HYDRO	MELDAHL-HYDRO	GREENUP HYDRO
PURCHASED POWER-RESOURCES -> (	ENERGY	SCHED. @ PJMC	SCHED. @ PJMC	REPLMNT. 2015-20	POWER	PEAKING	CSW	SCHED. @	SCHED. @
(	SCHED. @ ATSI	SCHEDULED	REPLMT@ PJMC	7x24 @ AD	POOL	SCHED. @ ATSI	SCHED. @ PJMC	MELDAHL BUS	GREENUP BUS
Delivered kWh (On Peak) ->	18,134	3,280,575	2,975,748	2,827,200	422,918	109	1,137,064	229,112	94,610
Delivered kWh (Off Peak) ->					96,091				
Delivered kWh (Replacement/Losses/Offset) ->									
Delivered kWh/Sale (Credits) ->					-2,781,464				
Net Total Delivered kWh as Billed ->	18,134	3,280,576	2,975,748	2,827,200	-2,262,455	109	1,137,064	229,112	94,610
<i>Percent % of Total Power Purchased-></i>	<i>0.1569%</i>	<i>28.3922%</i>	<i>25.7539%</i>	<i>24.4683%</i>	<i>-19.5806%</i>	<i>0.0009%</i>	<i>9.8408%</i>	<i>1.9829%</i>	<i>0.8188%</i>
<u>COST OF PURCHASED POWER:</u>									
<u>DEMAND CHARGES (+Debits)</u>									
Demand Charges	\$33,212.27	\$38,054.14	\$49,327.96			\$655.57	\$174,025.50	\$13,338.52	\$7,776.92
Debt Services (Principal & Interest)		\$43,488.86	\$112,073.04						
<u>DEMAND CHARGES (-Credits)</u>									
Transmission Charges (Demand-Credits)	-\$43,529.85					-\$823.90			
Capacity Credit	-\$47,748.21	-\$39,426.47	-\$20,147.67			-\$1,125.71	-\$3,915.63	-\$2,389.42	-\$1,266.16
Sub-Total Demand Charges	-\$58,065.79	\$42,116.53	\$141,253.33	\$0.00	\$0.00	-\$1,294.04	\$170,109.87	\$10,949.10	\$6,510.76
<u>ENERGY CHARGES (+Debits):</u>									
Energy Charges - (On Peak)	\$1,642.05	\$82,347.80	\$37,376.54	\$177,972.24	\$12,881.73		\$40,934.32	\$8,248.02	\$851.49
Energy Charges - (Replacement/Off Peak)					\$2,165.82				
Net Congestion, Losses, FTR		\$3,790.45	\$4,941.00	-\$61.57			\$2,000.82	\$106.55	-\$113.62
Transmission Charges (Energy-Debits)			\$6,590.60						
ESPP Charges									
Bill Adjustments (General & Rate Levelization)		-\$2,536.05	-\$15,771.46			\$9.25			
<u>ENERGY CHARGES (-Credits or Adjustments):</u>									
Energy Charges - On Peak (Sale or Rate Stabilization)					-\$69,553.39				
Net Congestion, Losses, FTR					\$3,908.03				
Bill Adjustments (General & Rate Levelization)							-\$6,822.39	-\$1,374.67	-\$567.66
Sub-Total Energy Charges	\$1,642.05	\$83,602.20	\$33,136.68	\$177,910.67	-\$50,597.81	\$9.25	\$36,112.75	\$6,979.90	\$170.21
<u>TRANSMISSION & SERVICE CHARGES, MISC.:</u>									
RPM / PJM Charges Capacity - (+Debit)									
RPM / PJM Charges Capacity - (-Credit)									
Service Fees AMP-Dispatch Center - (+Debit/-Credit)									
Service Fees AMP-Part A - (+Debit/-Credit)									
Service Fees AMP-Part B - (+Debit/-Credit)									
Other Charges & Bill Adjustments - (+Debit/-Credit)									
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL NET COST OF PURCHASED POWER	-\$56,423.74	\$125,718.73	\$174,390.01	\$177,910.67	-\$50,597.81	-\$1,284.79	\$206,222.62	\$17,929.00	\$6,680.97
<i>Percent % of Total Power Cost-></i>	<i>-5.2488%</i>	<i>11.6947%</i>	<i>16.2225%</i>	<i>16.5500%</i>	<i>-4.7068%</i>	<i>-0.1195%</i>	<i>19.1837%</i>	<i>1.6678%</i>	<i>0.6215%</i>
Purchased Power Resources - Cost per kWh->	-\$3.111489	\$0.038322	\$0.058604	\$0.062928	-\$0.022364	-\$11.787064	\$0.181364	\$0.078254	\$0.070616

BILLING SUMMARY AND CONS									
2019 - JULY BILLING WITH MAY 2019 AMP BILL									
PREVIOUS MONTH'S POWER BILLS - PU									
DATA PERIOD									
AMP-Ohio Bill Month									
City-System Data Month									
City-Monthly Billing Cycle									
	=====			====WIND====	===SOLAR===	===TRANSMISSION, SERVICE FEES & MISC. CONTRACTS===			
(	NYPA	JV-5	JV-6	AMP SOLAR	EFFNCY.SMART	TRANSMISSION	SERVICE FEES	MISCELLANEOUS	TOTAL -
PURCHASED POWER-RESOURCES -> (	HYDRO	HYDRO	WIND	PHASE 1	POWER PLANT	CHARGES	DISPATCH, A & B	CHARGES &	ALL
(	SCHED. @ NYIS	7x24 @ ATSI	SCHED. @ ATSI	SCHED. @ ATSI	2017 - 2020	Other Charges	Other Charges	LEVELIZATION	RESOURCES
Delivered kWh (On Peak) ->	757,707	2,297,472	41,363	124,291	0	0	0	0	14,206,303
Delivered kWh (Off Peak) ->									96,091
Delivered kWh (Replacement/Losses/Offset) ->		33,622							33,622
Delivered kWh/Sale (Credits) ->									-2,781,464
Net Total Delivered kWh as Billed ->	757,707	2,331,094	41,363	124,291	0	0	0	0	11,554,552
Percent % of Total Power Purchased->	6.5576%	20.1747%	0.3580%	1.0757%	0.0000%	0.0000%	0.0000%	0.0000%	100.0001%
								Verification Total ->	100.0000%
COST OF PURCHASED POWER:									
DEMAND CHARGES (+Debits)									
Demand Charges	\$5,738.94	\$31,085.29	\$682.37			\$127,676.71			\$481,574.19
Debt Services (Principal & Interest)		\$55,367.84							\$210,929.74
DEMAND CHARGES (-Credits)									
Transmission Charges (Demand-Credits)		-\$12,940.32	-\$136.05	-\$2,890.30					-\$60,320.42
Capacity Credit	-\$4,685.99	-\$15,470.15	-\$99.50	-\$3,106.19					-\$139,381.10
Sub-Total Demand Charges	\$1,052.95	\$58,042.66	\$446.82	-\$5,996.49	\$0.00	\$127,676.71	\$0.00	\$0.00	\$492,802.41
ENERGY CHARGES (+Debits):									
Energy Charges - (On Peak)	\$7,185.66	\$40,968.29		\$4,760.36		\$12,231.76			\$427,400.26
Energy Charges - (Replacement/Off Peak)									\$2,165.82
Net Congestion, Losses, FTR	\$2,603.88								\$13,267.51
Transmission Charges (Energy-Debits)									\$6,590.60
ESPP Charges					\$16,959.16				\$16,959.16
Bill Adjustments (General & Rate Levelization)									-\$18,298.26
ENERGY CHARGES (-Credits or Adjustments):									
Energy Charges - On Peak (Sale or Rate Stabilization)									-\$69,553.39
Net Congestion, Losses, FTR									\$3,908.03
Bill Adjustments (General & Rate Levelization)									-\$8,764.72
Sub-Total Energy Charges	\$9,789.54	\$40,968.29	\$0.00	\$4,760.36	\$16,959.16	\$12,231.76	\$0.00	\$0.00	\$373,675.01
TRANSMISSION & SERVICE CHARGES, MISC.:									
RPM / PJM Charges Capacity - (+Debit)						\$199,030.43			\$199,030.43
RPM / PJM Charges Capacity - (-Credit)									\$0.00
Service Fees AMP-Dispatch Center - (+Debit/-Credit)							\$0.00		\$0.00
Service Fees AMP-Part A - (+Debit/-Credit)							\$2,774.03		\$2,774.03
Service Fees AMP-Part B - (+Debit/-Credit)							\$6,706.16		\$6,706.16
Other Charges & Bill Adjustments - (+Debit/-Credit)									\$0.00
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$199,030.43	\$9,480.19	\$0.00	\$208,510.62
TOTAL NET COST OF PURCHASED POWER	\$10,842.49	\$99,010.95	\$446.82	-\$1,236.13	\$16,959.16	\$338,938.90	\$9,480.19	\$0.00	\$1,074,988.04
Percent % of Total Power Cost->	1.0086%	9.2104%	0.0416%	-0.1150%	1.5776%	31.5296%	0.8819%	0.0000%	99.9998%
								Verification Total ->	\$1,074,988.04
Purchased Power Resources - Cost per kWh->	\$0.014310	\$0.042474	\$0.010802	-\$0.009945	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.093036
									(Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWH) = JV2 Electric Service Rate ->
									\$0.024091
									(Northern Pool Power - On-Peak + Off-Peak - Energy Charge/kWH) = JV5 Electric Service Rate ->
									\$0.024091

**AMERICAN MUNICIPAL POWER, INC.**

1111 Schrock Rd, Suite 100

COLUMBUS, OHIO 43229

PHONE: (614) 540-1111

FAX: (614) 540-1078

INVOICE NUMBER: 206714**INVOICE DATE:** 6/13/2019**DUE DATE:** 6/28/2019**TOTAL AMOUNT DUE:** \$1,074,988.04**CUSTOMER NUMBER:** 5020**CUSTOMER P.O. #:** RG10046**City of Napoleon**

Attn: Finance Director

255 W. Riverview Ave., P.O. Box 151

Napoleon, Ohio 43545-0151

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

Northern Power Pool Billing - May, 2019

MUNICIPAL PEAK:	22,201 kW
TOTAL METERED ENERGY:	11,562,351 kWh

Total Power Charges:	\$726,568.95
Transmission / Capacity / Ancillary Services:	\$338,938.90
Total Other Charges:	\$9,480.19
Total Miscellaneous Charges:	\$0.00

GRAND TOTAL POWER INVOICE:	\$1,074,988.04
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**The Total Charges on this invoice may include a credit paid to the Municipal for power supply which was invoiced separately and

DETAIL INFORMATION OF POWER CHARGES May , 2019
Napoleon

FOR THE MONTH OF:	May, 2019	Total Metered Load kWh:	11,562,351
		Transmission Losses kWh:	-7,798
		Distribution Losses kWh:	0
		Total Energy Req. kWh:	11,554,553
TIME OF FENTS PEAK:	05/28/2019 @ H.E. 14:00	COINCIDENT PEAK kW:	21,948
TIME OF MUNICIPAL PEAK:	05/28/2019 @ H.E. 13:00	MUNICIPAL PEAK kW:	22,201
TRANSMISSION PEAK:	September 5, 2018 15:00	TRANSMISSION PEAK kW:	30,468
		PJM Capacity Requirement kW:	29,050

Napoleon Resources

AMP CT - Sched @ ATSI			
Demand Charge:	\$2.678409 / kW *	12,400 kW =	\$33,212.27
Energy Charge:	\$0.090550 / kWh *	18,134 kWh =	\$1,642.05
Transmission Credit:	\$3.510472 / kW *	-12,400 kW =	-\$43,529.85
Capacity Credit:	\$3.850662 / kW *	-12,400 kW =	-\$47,748.21
Subtotal		18,134 kWh =	-\$56,423.74
Fremont - sched @ Fremont			
Demand Charge:	\$4.340567 / kW *	8,767 kW =	\$38,054.14
Energy Charge:	\$0.025102 / kWh *	3,280,575 kWh =	\$82,347.80
Net Congestion, Losses, FTR:	\$0.001155 / kWh *		\$3,790.45
Capacity Credit:	\$4.497099 / kW *	-8,767 kW =	-\$39,426.47
Debt Service	\$4.960467 / kW	8,767 kW	\$43,488.86
Adjustment for prior month:			-\$2,536.05
Subtotal		3,280,575 kWh =	\$125,718.73
AMP Hydro CSW - Sched @ PJMC			
Demand Charge:	\$49.750000 / kW *	3,498 kW =	\$174,025.50
Energy Charge:	\$0.036000 / kWh *	1,137,064 kWh =	\$40,934.32
Net Congestion, Losses, FTR:	\$0.001760 / kWh *		\$2,000.82
Capacity Credit:	\$1.119391 / kW *	-3,498 kW =	-\$3,915.63
REC Credit (Estimate)	-\$0.006000 / kWh	1,137,064 kWh	-\$6,822.39
Subtotal		1,137,064 kWh =	\$206,222.62
Meldahl Hydro - Sched @ Meldahl Bus			
Demand Charge:	\$26.465317 / kW *	504 kW =	\$13,338.52
Energy Charge:	\$0.036000 / kWh *	229,112 kWh =	\$8,248.02
Net Congestion, Losses, FTR:	\$0.000465 / kWh *		\$106.55
Capacity Credit:	\$4.740913 / kW *	-504 kW =	-\$2,389.42
REC Credit (Estimate)	-\$0.006000 / kWh *	229,112 kWh =	-\$1,374.67
Subtotal		229,112 kWh =	\$17,929.00
JV6 - Sched @ ATSI			
Demand Charge:	\$2.274567 / kW *	300 kW =	\$682.37
Energy Charge:		41,363 kWh	
Transmission Credit:	\$0.453500 / kW *	-300 kW =	-\$136.05
Capacity Credit:	\$0.331667 / kW *	-300 kW =	-\$99.50
Subtotal		41,363 kWh =	\$446.82
Greenup Hydro - Sched @ Greenup Bus			
Demand Charge:	\$23.566424 / kW *	330 kW =	\$7,776.92
Energy Charge:	\$0.009000 / kWh *	94,610 kWh =	\$851.49
Net Congestion, Losses, FTR:	-\$0.001201 / kWh *		-\$113.62
Capacity Credit:	\$3.836848 / kW *	-330 kW =	-\$1,266.16
REC Credit (Estimate)	-\$0.006000 / kWh *	94,610 kWh =	-\$567.66
Subtotal		94,610 kWh =	\$6,680.97
Prairie State - Sched @ PJMC			
Demand Charge:	\$9.913175 / kW *	4,976 kW =	\$49,327.96
Energy Charge:	\$0.012560 / kWh *	2,975,748 kWh =	\$37,376.54
Net Congestion, Losses, FTR:	\$0.001660 / kWh *		\$4,941.00
Capacity Credit:	\$4.048969 / kW *	-4,976 kW =	-\$20,147.67
Debt Service	\$22.522717 / kW	4,976 kW	\$112,073.04
Transmission from PSEC to PJM/MISO, including non-Prairie State variable charges/credits	\$0.002215 / kWh	2,975,748 kWh	\$6,590.60
Board Approved Rate Levelization			-\$15,771.46
Subtotal		2,975,748 kWh =	\$174,390.01
NYPA - Sched @ NYIS			
Demand Charge:	\$6.105255 / kW *	940 kW =	\$5,738.94
Energy Charge:	\$0.009483 / kWh *	757,707 kWh =	\$7,185.66
Net Congestion, Losses, FTR:	\$0.003437 / kWh *		\$2,603.88
Capacity Credit:	\$5.011754 / kW *	-935 kW =	-\$4,685.99
Subtotal		757,707 kWh =	\$10,842.49
JV5 - 7X24 @ ATSI			
Demand Charge:	\$10.066480 / kW *	3,088 kW =	\$31,085.29
Energy Charge:	\$0.017832 / kWh *	2,297,472 kWh =	\$40,968.29
Transmission Credit:	\$4.190518 / kW *	-3,088 kW =	-\$12,940.32
Capacity Credit:	\$5.009764 / kW *	-3,088 kW =	-\$15,470.15
Debt Service (current month)	\$17.930000 / kW	3,088 kW	\$55,367.84
Subtotal		2,297,472 kWh =	\$99,010.95
JV5 Losses - Sched @ ATSI			
Energy Charge:		33,622 kWh	
Subtotal		33,622 kWh =	\$0.00
JV2 - Sched @ ATSI			
Demand Charge:	\$2.483220 / kW *	264 kW =	\$655.57
Energy Charge:		109 kWh	
Transmission Credit:	\$3.120833 / kW *	-264 kW =	-\$823.90
Capacity Credit:	\$4.264053 / kW *	-264 kW =	-\$1,125.71

DETAIL INFORMATION OF POWER CHARGES May , 2019
Napoleon

JV2 Project Fuel Costs not recovered through Energy Sales to Market			\$9.25
Subtotal		109 kWh =	-\$1,284.79
AMP Solar Phase I - Sched @ ATSI			
Demand Charge:		1,040 kW	
Energy Charge:	\$0.038300 / kWh *	124,291 kWh =	\$4,760.36
Transmission Credit:			-\$2,890.30
Capacity Credit:	\$2.986721 / kW *	-1,040 kW =	-\$3,106.19
Subtotal		124,291 kWh =	-\$1,236.13
Morgan Stanley 2015-2020 - 7x24 @ AD			
Demand Charge:		3,800 kW	
Energy Charge:	\$0.062950 / kWh *	2,827,200 kWh =	\$177,972.24
Net Congestion, Losses, FTR:	-\$0.000022 / kWh *		-\$61.57
Subtotal		2,827,200 kWh =	\$177,910.67
Efficiency Smart Power Plant 2017-2020			
ESPP 2017-2020 obligation @ \$1.400 /MWh x 145,364.3 MWh / 12			\$16,959.16
Subtotal		0 kWh =	\$16,959.16
Northern Power Pool:			
On Peak Energy Charge: (M-F HE 08-23 EDT)	\$0.030459 / kWh *	422,918 kWh =	\$12,881.73
Off Peak Energy Charge:	\$0.022539 / kWh *	96,091 kWh =	\$2,165.82
Sale of Excess Non-Pool Resources to Pool	\$0.025006 / kWh *	-2,781,464 kWh =	-\$69,553.39
Pool Congestion Hedge			\$3,908.03
Subtotal	\$0.022364 / kWh *	-2,262,455 kWh =	-\$50,597.81
Total Demand Charges:			\$365,134.95
Total Energy Charges:			\$361,434.00
Total Power Charges:			\$726,568.95
TRANSMISSION / CAPACITY / ANCILLARY SERVICES:			
Demand Charge:	\$4.190518 / kW *	30,468 kW =	\$127,676.71
Energy Charge:	\$0.001321 / kWh *	9,257,081 kWh =	\$12,231.76
RPM (Capacity) Charges:	\$6.851400 / kW *	29,050 kW =	\$199,030.43
TRANSMISSION / CAPACITY / ANCILLARY SERVICES:	\$0.036614 / kWh *	9,257,081 kWh =	\$338,938.90
Service Fee Part A,			
Based on Annual Municipal Sales	\$0.000229 / kWh *	145,364,250 kWh 1/12 =	\$2,774.03
Service Fee Part B,			
Energy Purchases	\$0.000580 /kWh *	11,562,351 kWh =	\$6,706.16
TOTAL OTHER CHARGES:			\$9,480.19
GRAND TOTAL POWER INVOICE:			\$1,074,988.04

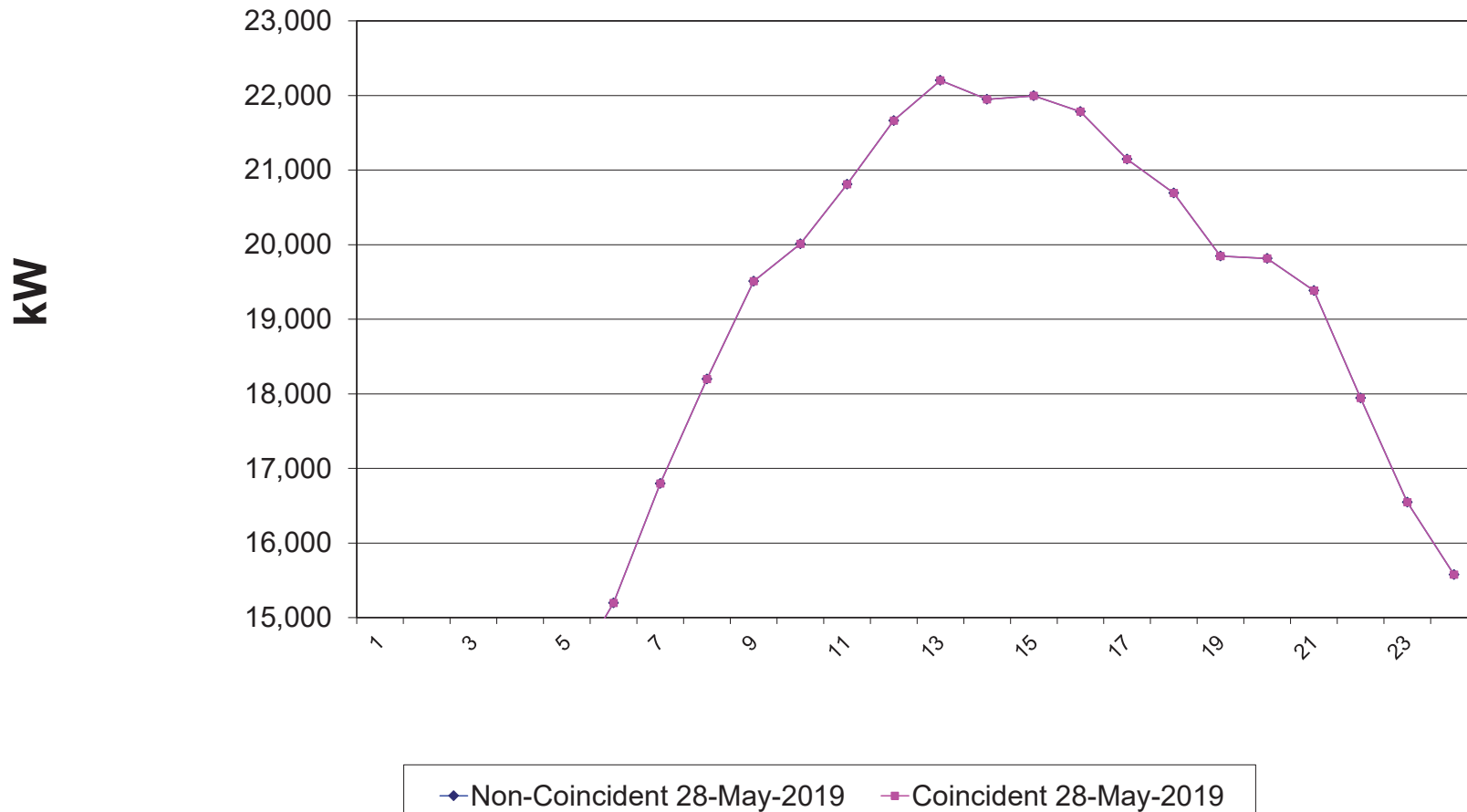
Napoleon Capacity Plan - Actual															
May Days	2019 31	ACTUAL DEMAND =				22.20	MW								% OF DOLLARS
		ACTUAL ENERGY =				11,562	MWH								
	SOURCE (1)	DEMAND MW (2)	DEMAND MW-MO (3)	ENERGY MWH (4)	LOAD FACTOR (5)	DEMAND RATE \$/KW (6)	ENERGY RATE \$/MWH (7)	CONGESTION/L OSSES \$/MWH (8)	CAPACITY CREDIT RATE \$/KW (9)	TRANSMISSION CREDIT RATE \$/KW (10)	TOTAL CHARGES (16)	EFFECTIVE RATE \$/MWH (17)			
1	NYPA - Ohio	0.94	0.94	758	108%	\$6.11	\$9.48	\$3.44	-\$4.99		\$10,842	\$14.31	1.0%		
2	JV5	3.09	3.09	2,297	100%	\$28.00	\$17.83		-\$5.01	-\$4.19	\$99,011	\$43.10	9.2%		
3	JV5 Losses	0.00	0.00	34	0%						\$0		0.0%		
4	JV6	0.30	0.30	41	19%	\$2.27			-\$0.45	-\$0.33	\$447	\$10.80	0.0%		
5	AMP-Hydro	3.50	3.50	1,137	44%	\$49.75	\$30.00	\$1.76	-\$1.12		\$206,223	\$181.36	19.2%		
6	Meldahl	0.50	0.50	229	61%	\$26.47	\$30.00	\$0.47	-\$4.74		\$17,929	\$78.25	1.7%		
7	Greenup	0.33	0.33	95	39%	\$23.57	\$3.00	-\$1.20	-\$3.84		\$6,681	\$70.62	0.6%		
8	AFEC	8.77	8.77	3,281	50%	\$9.30	\$24.33	\$1.16	-\$4.50		\$125,719	\$38.32	11.7%		
9	Prairie State	4.98	4.98	2,976	80%	\$32.44	\$9.48	\$1.66	-\$4.05		\$174,390	\$58.60	16.3%		
10	AMP Solar Phase I	1.04	1.04	124	16%		\$38.30		-\$2.99	-\$2.78	-\$1,236	-\$9.95	-0.1%		
11	Morgan Stanley 2015-2020 7x24	3.80	3.80	2,827	100%		\$62.95	-\$0.02			\$177,911	\$62.93	16.6%		
12	AMPCT	12.40	12.40	18	0%	\$2.68	\$90.55		-\$3.85	-\$3.51	-\$56,424	-\$3,111.47	-5.3%		
13	JV2	0.26	0.26	0	0%	\$2.48			-\$4.26	-\$3.12	-\$1,285		-0.1%		
14	NPP Pool Purchases	0.00	0.00	519	0%		\$36.52				\$18,956	\$36.52	1.8%		
15	NPP Pool Sales	0.00		-2,781	0%		\$25.01				-\$69,553	\$25.01	-6.5%		
	POWER TOTAL	39.91	39.91	11,555	39%	\$564,827	\$331,217	\$1.15	-\$139,418	-\$60,284	\$709,610	\$61.41	66.2%		
16	Energy Efficiency			0							\$16,959		1.6%		
17	Installed Capacity	29.05	29.05			\$6.85					\$199,030	\$17.21	18.6%		
18	Transmission	30.47	30.47	9,257		\$4.19	\$1.32				\$139,908	\$12.10	13.0%		
19	Service Fee B			11,562			\$0.58				\$6,706	\$0.58	0.6%		
20	Dispatch Charge			11,562							\$0		0.0%		
	OTHER TOTAL					\$326,707	\$35,897				\$362,604	\$31.36	33.8%		
GRAND TOTAL PURCHASED				11,555							\$1,072,214				
Delivered to members		22.201	22.201	11,562	70%						\$1,072,214	\$92.73	100.0%		
	2019 Forecast	DEMAND		ENERGY	L.F.						TOTAL \$	\$/MWh	Avg Temp		
	2018 Actual	25.73		12,528	65%						\$1,109,288	\$88.54	59.6		
	2017 Actual	28.62		12,831	60%						\$1,181,338	\$92.07	66.8		
		25.10		12,222	65%						\$1,013,055	\$82.89	58.5		
											Actual Temp		63.1		

NAPOLEON

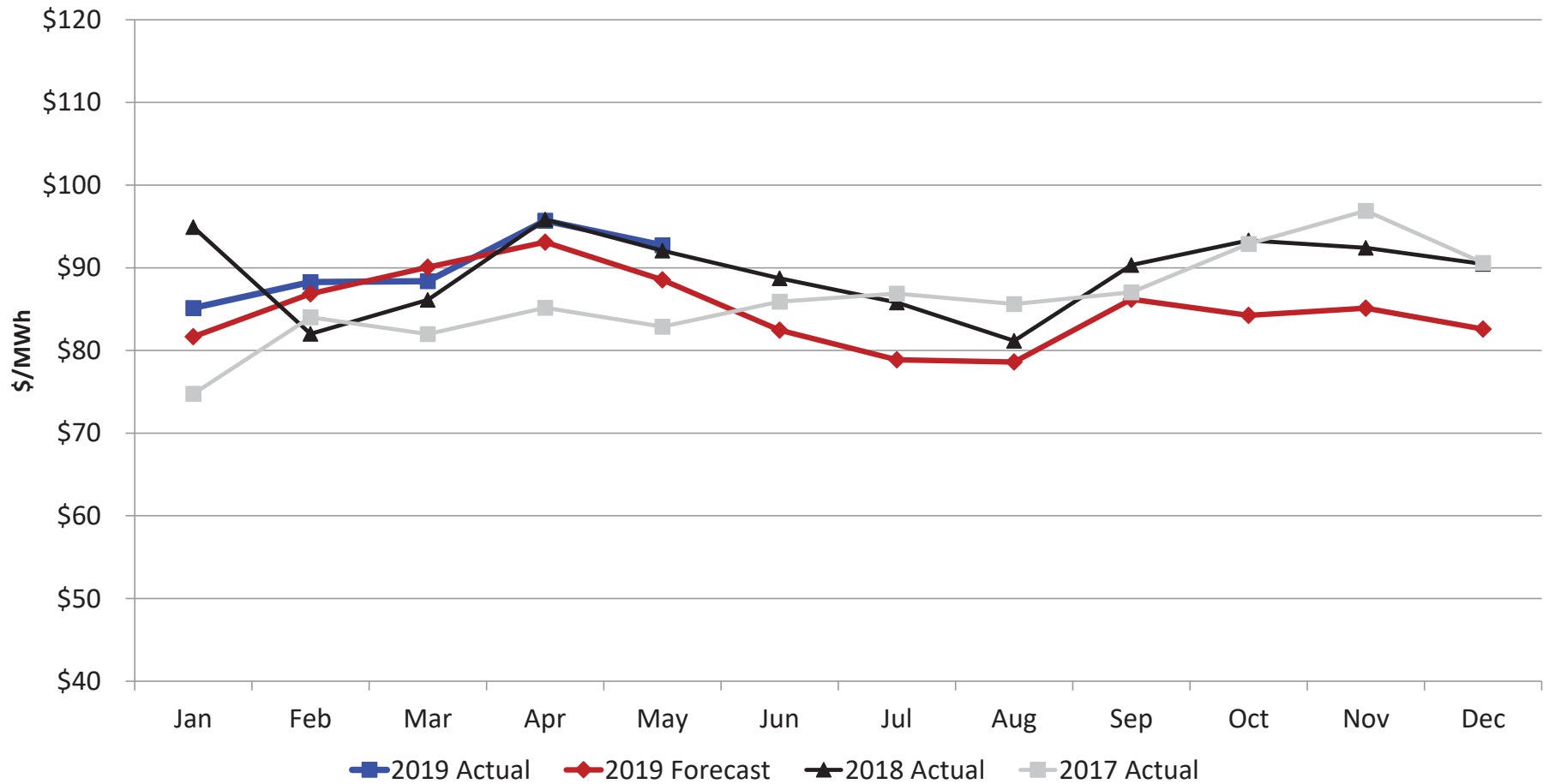
	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday
Date	5/1/2019	5/2/2019	5/3/2019	5/4/2019	5/5/2019	5/6/2019	5/7/2019	5/8/2019	5/9/2019	5/10/2019	5/11/2019	5/12/2019	5/13/2019	5/14/2019	5/15/2019
Hour															
100	14,780	13,534	13,637	12,174	11,541	12,965	13,532	13,754	13,519	13,771	11,989	11,177	13,310	14,567	14,059
200	14,560	13,332	13,644	11,977	11,430	12,891	13,511	13,641	13,428	13,365	11,810	10,955	13,309	14,572	14,007
300	14,446	13,215	13,657	11,829	11,402	12,732	13,400	13,415	13,194	13,115	11,694	10,892	13,139	14,256	13,736
400	14,722	13,646	13,989	12,027	11,331	13,179	13,740	13,802	13,489	13,550	11,805	10,925	13,564	14,720	14,156
500	15,520	14,619	14,780	12,216	11,562	14,170	14,759	14,645	14,187	14,269	12,188	11,141	14,338	15,668	15,193
600	17,139	16,060	16,174	12,661	11,685	15,691	15,892	16,306	15,720	15,804	12,607	11,583	16,124	17,053	16,354
700	18,270	17,204	17,452	13,466	12,245	17,098	17,204	18,015	17,177	17,220	13,504	11,810	17,670	17,992	17,644
800	18,601	17,845	18,012	14,540	12,588	17,709	18,008	18,544	17,761	18,013	14,282	12,378	18,277	18,226	17,971
900	18,355	17,925	18,365	15,017	12,746	17,676	18,167	18,577	17,991	18,135	14,544	12,709	18,344	18,240	17,887
1000	18,355	18,171	18,405	14,905	12,972	18,006	18,347	18,784	18,365	18,166	14,445	12,895	18,539	18,332	18,196
1100	18,383	18,404	18,272	14,446	12,890	18,333	18,077	18,424	18,512	18,203	14,251	13,110	18,595	18,219	17,877
1200	18,453	18,619	18,446	14,344	13,109	18,245	18,495	18,335	18,709	18,210	13,877	12,984	18,617	17,951	18,355
1300	18,240	18,725	18,421	14,249	12,930	18,027	18,196	18,093	18,332	17,908	13,729	12,883	18,398	17,768	18,123
1400	17,908	18,099	17,989	13,981	12,730	17,716	17,797	17,767	18,223	17,708	13,238	12,790	18,000	17,524	17,621
1500	17,568	17,407	17,229	13,539	12,690	17,262	17,100	17,144	17,729	16,672	13,084	12,803	17,713	17,161	17,532
1600	17,146	16,986	16,599	13,215	13,014	16,759	16,977	16,726	17,327	16,161	13,131	13,412	17,592	16,805	17,232
1700	16,640	16,671	16,033	12,790	13,195	16,295	16,460	15,979	17,164	15,596	12,900	13,351	17,397	16,499	16,729
1800	16,444	16,657	15,711	12,809	13,590	16,203	16,154	15,970	16,950	15,170	13,140	13,735	17,116	16,276	16,725
1900	16,208	16,347	15,332	12,779	13,451	15,826	15,956	15,679	16,496	14,833	13,016	13,911	16,496	16,116	16,328
2000	16,703	16,565	15,869	13,320	13,948	16,168	16,470	16,071	16,858	15,065	13,415	14,311	16,523	16,301	16,598
2100	16,502	16,508	15,885	13,710	14,490	16,525	16,673	16,539	16,746	15,826	13,502	14,221	16,962	16,587	16,995
2200	15,400	15,458	14,801	13,138	13,848	15,737	15,701	15,580	15,700	15,113	12,912	13,752	16,249	15,697	15,935
2300	14,664	14,823	13,139	12,365	13,713	14,933	14,929	14,685	15,089	13,317	12,214	13,741	15,559	14,960	15,038
2400	14,122	14,321	12,404	11,813	13,358	14,236	14,443	14,227	14,431	12,479	11,650	13,688	15,122	14,542	14,434
Total	399,129	391,141	384,245	317,310	306,458	384,382	389,988	390,702	393,097	377,669	312,927	305,157	396,953	396,032	394,725

	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
Date	5/16/2019	5/17/2019	5/18/2019	5/19/2019	5/20/2019	5/21/2019	5/22/2019	5/23/2019	5/24/2019	5/25/2019	5/26/2019	5/27/2019	5/28/2019	5/29/2019	5/30/2019	5/31/2019
Hour																
100	13,956	12,742	11,018	11,526	13,074	13,322	13,537	13,548	13,520	11,725	12,258	10,218	13,023	14,918	14,912	14,701
200	13,721	12,696	10,849	11,131	12,864	13,600	13,432	13,468	13,275	11,492	11,779	9,919	12,862	14,601	14,671	14,476
300	13,320	12,390	10,673	10,887	12,807	13,267	13,095	13,061	13,166	11,272	11,516	9,687	12,669	13,968	14,323	14,131
400	13,706	12,536	10,806	10,877	13,192	13,635	13,428	13,302	13,378	11,459	11,130	9,732	13,093	14,257	14,558	14,316
500	14,516	13,411	11,060	10,972	14,087	14,678	13,967	14,448	14,269	11,829	11,129	9,898	14,131	15,067	15,332	14,851
600	15,500	14,470	11,429	10,758	15,085	15,953	15,633	15,961	15,267	11,666	11,458	9,683	15,197	15,859	16,234	15,757
700	17,046	15,865	12,049	11,672	16,588	17,556	17,109	17,091	16,402	12,513	11,848	10,192	16,795	17,109	17,732	17,023
800	17,955	16,645	12,924	12,676	17,659	18,050	17,807	18,083	17,322	13,621	12,568	11,392	18,199	18,202	18,827	18,119
900	18,143	17,065	13,467	13,455	17,235	18,044	18,095	18,474	17,740	14,650	13,153	12,289	19,509	18,718	19,432	18,645
1000	18,377	17,431	13,633	13,919	17,855	18,395	18,391	19,110	17,944	15,488	13,683	12,487	20,012	18,892	19,901	19,282
1100	18,575	17,351	13,635	14,323	18,014	18,315	18,318	19,323	17,971	16,222	14,410	12,944	20,807	19,008	20,267	19,855
1200	18,825	17,437	13,697	14,758	18,251	18,452	18,328	19,547	18,182	16,563	14,882	13,435	21,664	19,659	21,019	20,598
1300	18,680	17,748	13,782	14,782	18,204	18,398	18,341	19,654	18,233	16,698	14,762	13,663	22,201	20,360	21,350	20,962
1400	18,407	17,407	13,994	14,466	17,596	17,972	17,758	19,556	18,056	16,824	14,348	13,765	21,948	20,590	21,596	21,308
1500	17,960	16,622	14,151	14,317	16,466	17,518	17,640	19,311	17,267	16,355	14,287	13,839	21,993	20,772	21,126	20,836
1600	17,492	15,936	14,555	14,295	16,126	17,305	17,074	18,983	16,674	15,972	14,051	14,259	21,784	20,625	20,831	20,352
1700	16,942	15,181	14,583	14,174	15,842	16,915	16,634	18,541	16,004	16,342	13,779	14,838	21,144	20,498	20,321	20,015
1800	16,713	14,559	14,671	14,544	16,129	16,548	16,584	18,162	15,647	16,231	13,534	14,698	20,690	20,432	20,199	20,010
1900	16,230	14,120	14,310	14,335	15,884	16,311	16,233	17,773	15,341	16,009	13,229	14,540	19,847	19,835	19,646	19,277
2000	16,874	14,267	14,212	14,234	16,252	16,485	16,369	17,741	15,417	15,610	12,870	14,735	19,815	19,626	19,138	18,722
2100	16,994	14,451	14,513	14,321	16,433	16,523	16,796	17,787	15,685	15,574	13,166	14,553	19,384	19,378	18,863	18,340
2200	15,061	13,579	13,926	13,836	15,315	15,657	15,954	16,485	14,677	15,011	12,409	13,903	17,942	18,055	17,864	17,226
2300	13,960	12,278	13,001	13,742	14,616	14,868	15,054	15,343	13,133	13,706	11,536	13,640	16,547	16,783	16,668	15,508
2400	13,241	11,412	12,190	13,385	13,853	14,258	14,255	14,390	12,173	12,754	10,842	13,523	15,574	15,720	15,694	14,340
Total	392,194	346,187	313,128	317,385	379,427	392,025	389,832	409,142	376,743	345,586	308,627	301,832	436,830	432,932	440,504	428,650
											Maximum	22,201	Minimum	9,683	Grand Total	11,562,351

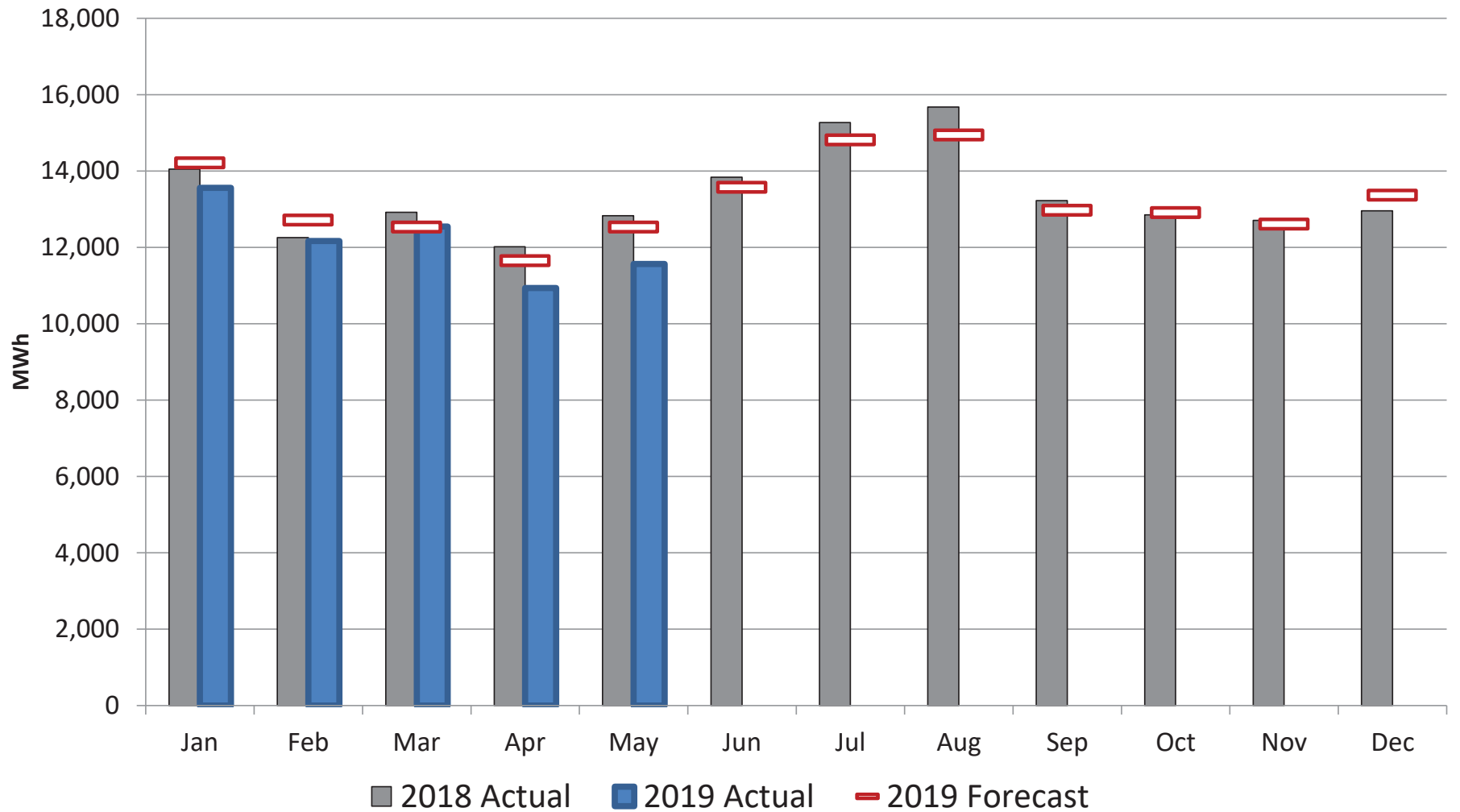
Napoleon Peak Day Load Curve



Napoleon 2019 Monthly Rates



Napoleon 2019 Monthly Energy Usage



RATE REVIEW COMPARISONS - Current to Prior Month and Prior Year

2019 JULY BILLING - ELECTRIC PSCAF - BILLING COMPARISONS TO PRIOR PERIODS										
Rate Comparisons to Prior Month and Prior Year for Same Period										
	Service	Service	Current	Prior Month	Prior Year			Current	Prior Month	Prior Year
	Usage	Units	July	June	July			July	June	July
Customer Type	Usage	Units	2019 Rate	2019 Rate	2018 Rate			2019 Rate	2019 Rate	2018 Rate
<i>Customer Type -></i>	RESIDENTIAL USER - (w/Gas Heat)						RESIDENTIAL USER - (All Electric)			
Customer Charge			\$6.00	\$6.00	\$6.00			\$6.00	\$6.00	\$6.00
Distribution Energy Charge			\$20.93	\$20.93	\$20.93			\$33.39	\$33.39	\$33.39
Distribution Demand Charge										
Power Supply Energy Charge	978	kWh	\$71.20	\$71.20	\$71.20	1,976	kWh	\$143.85	\$143.85	\$143.85
Power Supply Demand Charge										
PSCAF - Monthly Factor	978	kWh	\$21.55	\$20.06	\$20.70	1,976	kWh	\$43.53	\$40.53	\$41.83
kWh Tax- Level 1	978	kWh	\$4.55	\$4.55	\$4.55	1,976	kWh	\$9.19	\$9.19	\$9.19
kWh Tax- Level 2										
kWh Tax- Level 3										
			-----	-----	-----				-----	-----
Total Electric			\$124.23	\$122.74	\$123.38			\$235.96	\$232.96	\$234.26
Water	6	CCF	\$55.35	\$55.35	\$50.55	11	CCF	\$91.89	\$91.89	\$83.14
Sewer (w/Stm.Sew. & Lat.)	6	CCF	\$74.13	\$74.13	\$70.89	11	CCF	\$104.83	\$104.83	\$98.89
Storm Water (Rate/ERU)			\$9.50	\$9.50	\$9.50			\$9.50	\$9.50	\$9.50
Refuse (Rate/Service)			\$18.00	\$18.00	\$18.00			\$18.00	\$18.00	\$18.00
			-----	-----	-----				-----	-----
Sub-Other Services			\$156.98	\$156.98	\$148.94			\$224.22	\$224.22	\$209.53
			-----	-----	-----				-----	-----
Total Billing - All Services			\$281.21	\$279.72	\$272.32			\$460.18	\$457.18	\$443.79
Verification Totals->			\$281.21	\$279.72	\$272.32			\$460.18	\$457.18	\$443.79
				<i>Cr.Mo to Pr.Mo</i>	<i>Cr.Yr to Pr.Yr</i>				<i>Cr.Mo to Pr.Mo</i>	<i>Cr.Yr to Pr.Yr</i>
Dollar Chg.to Prior Periods				\$1.49	\$8.89				\$3.00	\$16.39
% Inc/Dec(-) to Prior Periods				0.53%	3.26%				0.66%	3.69%
=====										
Cost/kWh - Electric	978	kWh	\$0.12702	\$0.12550	\$0.12616	1,976	kWh	\$0.11941	\$0.11789	\$0.11855
% Inc/Dec(-) to Prior Periods				1.21%	0.68%				1.29%	0.73%
Cost/CCF - Water	6	CCF	\$9.22500	\$9.22500	\$8.42500	11	CCF	\$8.35364	\$8.35364	\$7.55818
Cost/GALLONS - Water	4,488	GAL	\$0.01233	\$0.01233	\$0.01126	8,229	GAL	\$0.01117	\$0.01117	\$0.01010
% Inc/Dec(-) to Prior Periods				0.00%	9.50%				0.00%	10.52%
Cost/CCF - Sewer	6	CCF	\$12.35500	\$12.35500	\$11.81500	11	CCF	\$9.53000	\$9.53000	\$8.99000
Cost/GALLON - Sewer	4,488	GAL	\$0.01652	\$0.01652	\$0.01580	8,229	GAL	\$0.01274	\$0.01274	\$0.01202
% Inc/Dec(-) to Prior Periods				0.00%	4.57%				0.00%	6.01%
(Listed Accounts Assume SAME USAGE for kWh and Water (CCF) for All Billing Periods)										
(One "1" Unit CCF of Water = "Hundred Cubic Foot" = 748.05 Gallons)										

RATE REVIEW COMPARISONS - Current to Prior Month and Prior Year

2019 JULY BILLING - ELECTRIC												
Rate Comparisons to Prior Month and Prior Year												
			Current	Prior Month	Prior Year			Current	Prior Month	Prior Year		
	Service	Service	July	June	July		Service	Service	July	June	July	
Customer Type	Usage	Units	2019 Rate	2019 Rate	2018 Rate		Usage	Units	2019 Rate	2019 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	\$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	\$155.09	\$144.39	\$149.04			\$18,126.35	\$16,875.69	\$17,418.74		
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			\$957.47	\$946.77	\$951.42			\$86,361.08	\$85,110.42	\$85,653.47		
Water			\$190.17	\$190.17	\$170.92	300	CCF	\$2,152.61	\$2,152.61	\$1,936.11		
Sewer (w/Stm.Sew. & Lat.)	25	CCF	\$192.19	\$192.19	\$177.29	300	CCF	\$1,880.69	\$1,880.69	\$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			\$396.86	\$396.86	\$362.71			\$4,368.30	\$4,368.30	\$3,988.40		
Total Billing - All Services			\$1,354.33	\$1,343.63	\$1,314.13			\$90,729.38	\$89,478.72	\$89,641.87		
Verification Totals->			\$1,354.33	\$1,343.63	\$1,314.13			\$90,729.38	\$89,478.72	\$89,641.87		
				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				\$10.70	\$40.20				\$1,250.66	\$1,087.51		
% Inc/Dec(-) to Prior Periods				0.80%	3.06%				1.40%	1.21%		
=====			=====	=====	=====	=====	=====	=====	=====	=====		
Cost/kWh - Electric			7,040	kWh	\$0.13600	\$0.13448	\$0.13514	866,108	kWh	\$0.09971	\$0.09827	\$0.09889
% Inc/Dec(-) to Prior Periods						1.13%	0.64%			1.47%	0.83%	
Cost/CCF - Water			25	CCF	\$7.60680	\$7.60680	\$6.83680	300	CCF	\$7.17537	\$7.17537	\$6.45370
Cost/GALLONS - Water			18,701	GAL	\$0.01017	\$0.01017	\$0.00914	224,415	GAL	\$0.00959	\$0.00959	\$0.00863
% Inc/Dec(-) to Prior Periods						0.00%	11.26%			0.00%	11.18%	
Cost/CCF - Sewer			25	CCF	\$7.68760	\$7.68760	\$7.09160	300	CCF	\$6.26897	\$6.26897	\$5.72430
Cost/GALLON - Sewer			18,701	GAL	\$0.01028	\$0.01028	\$0.00948	224,415	GAL	\$0.00838	\$0.00838	\$0.00765
% Inc/Dec(-) to Prior Periods						0.00%	8.40%			0.00%	9.52%	
(Listed Accounts Assume SAME USA)												
(One "1" Unit CCF of Water = "Hundre												

BILLING SUMMARY AND CONSUMPTION for BILLING CYCLE - JULY, 2019																		
JUNE, 2019																		
2019 - JULY BILLING WITH MAY 2019 AMP BILLING PERIOD AND JUNE 2019 CITY CONSUMPTION AND BILLING DATA																		
Class and/or Schedule	Rate Code	# of Bills	Jun-19 (kWh Usage)	Jun-19 Billed	Billed kVA of Demand	Cost / kWh For Month	Prior 12 Mo Average	# of Bills	Jul-18 (kWh Usage)	Jul-18 Billed	Cost / kWh For Month	# of Bills	Aug-18 (kWh Usage)	Aug-18 Billed	Cost / kWh For Month			
Residential (Dom-In)	E1	3,339	1,637,164	\$215,454.91	0	\$0.1316	\$0.1263	3,338	2,295,429	\$295,529.06	\$0.1287	3,341	3,151,485	\$400,929.74	\$0.1272			
Residential (Dom-In) w/Ecosmart	E1E	8	2,976	\$403.19	0	\$0.1355	\$0.1288	8	4,978	\$645.47	\$0.1297	8	6,640	\$850.61	\$0.1281			
Residential (Dom-In - All Electric)	E2	629	394,726	\$50,889.72	0	\$0.1289	\$0.1248	611	391,996	\$50,714.07	\$0.1294	606	481,142	\$61,772.51	\$0.1284			
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	458	\$60.66	0	\$0.1324	\$0.1274	1	574	\$74.89	\$0.1305	1	809	\$103.78	\$0.1283			
Total Residential (Domestic)		3,977	2,035,324	\$266,808.48	0	\$0.1311	\$0.1261	3,958	2,692,977	\$346,963.49	\$0.1288	3,956	3,640,076	\$463,656.64	\$0.1274			
Residential (Rural-Out)	ER1	778	617,058	\$84,339.73	0	\$0.1367	\$0.1324	781	750,836	\$101,456.97	\$0.1351	787	895,059	\$120,261.79	\$0.1344			
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,319	\$327.68	0	\$0.1413	\$0.1354	4	2,824	\$392.21	\$0.1389	4	3,437	\$471.60	\$0.1372			
Residential (Rural-Out - All Electric)	ER2	370	347,201	\$46,775.22	0	\$0.1347	\$0.1308	375	401,084	\$53,774.49	\$0.1341	373	463,633	\$61,942.20	\$0.1336			
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	1,967	\$264.01	0	\$0.1342	\$0.1312	2	2,000	\$269.44	\$0.1347	2	2,196	\$295.76	\$0.1347			
Residential (Rural-Out w/Dmd)	ER3	15	23,350	\$3,042.66	293	\$0.1303	\$0.1265	16	26,514	\$3,461.34	\$0.1305	16	16,508	\$2,231.69	\$0.1352			
Residential (Rural-Out - All Electric w/Dmd)	ER4	9	7,985	\$1,080.63	51	\$0.1353	\$0.1300	9	8,050	\$1,094.00	\$0.1359	9	9,150	\$1,238.53	\$0.1354			
Total Residential (Rural)		1,178	999,880	\$135,829.93	344	\$0.1358	\$0.1316	1,187	1,191,308	\$160,448.45	\$0.1347	1,191	1,389,983	\$186,441.57	\$0.1341			
Commercial (1 Ph-In - No Dmd)	EC2	72	31,708	\$5,216.75	16	\$0.1645	\$0.1608	73	34,703	\$5,661.85	\$0.1632	73	35,297	\$5,773.50	\$0.1636			
Commercial (1 Ph-Out - No Dmd)	EC2O	50	8,791	\$1,806.71	0	\$0.2055	\$0.1946	48	7,605	\$1,625.00	\$0.2137	48	7,870	\$1,668.23	\$0.2120			
Total Commercial (1 Ph) No Dmd		122	40,499	\$7,023.46	16	\$0.1734	\$0.1683	121	42,308	\$7,286.85	\$0.1722	121	43,167	\$7,441.73	\$0.1724			
Commercial (1 Ph-In - w/Demand)	EC1	260	267,791	\$42,762.13	1699	\$0.1597	\$0.1529	260	306,074	\$48,757.18	\$0.1593	261	348,059	\$54,469.26	\$0.1565			
Commercial (1 Ph-Out - w/Demand)	EC1O	24	39,876	\$5,796.90	168	\$0.1454	\$0.1406	25	45,411	\$6,431.09	\$0.1416	25	46,585	\$6,646.59	\$0.1427			
Total Commercial (1 Ph) w/Demand		284	307,667	\$48,559.03	1,867	\$0.1578	\$0.1514	285	351,485	\$55,188.27	\$0.1570	286	394,644	\$61,115.85	\$0.1549			
Commercial (3 Ph-Out - No Dmd)	EC4O	2	80	\$46.97	15	\$0.5871	\$0.1489	2	80	\$47.02	\$0.5878	2	40	\$41.55	\$1.0388			
Total Commercial (3 Ph) No Dmd		2	80	\$46.97	15	\$0.5871	\$0.1489	2	80	\$47.02	\$0.5878	2	40	\$41.55	\$1.0388			
Commercial (3 Ph-In - w/Demand)	EC3	214	1,672,860	\$228,330.04	6070	\$0.1365	\$0.1360	208	1,451,198	\$201,102.33	\$0.1386	206	1,726,146	\$237,768.88	\$0.1377			
Commercial (3 Ph-Out - w/Demand)	EC3O	37	235,437	\$33,446.06	1135	\$0.1421	\$0.1363	37	266,981	\$37,840.28	\$0.1417	37	280,489	\$40,004.85	\$0.1426			
Commercial (3 Ph-Out - w/Dmd.&Sub-St)	E3SO	3	91,160	\$11,798.87	368	\$0.1294	\$0.1268	3	115,360	\$14,950.00	\$0.1296	3	123,520	\$15,953.58	\$0.1292			
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	1,720	\$235.63	5	\$0.1370	\$0.1346	1	1,840	\$378.71	\$0.2058	1	5,400	\$755.48	\$0.1399			
Total Commercial (3 Ph) w/Demand		255	2,001,177	\$273,810.60	7,578	\$0.1368	\$0.1356	249	1,835,379	\$254,271.32	\$0.1385	247	2,135,555	\$294,482.79	\$0.1379			
Large Power (In - w/Dmd & Rct)	EL1	15	1,621,674	\$178,664.86	3539	\$0.1102	\$0.1095	20	2,215,512	\$251,260.17	\$0.1134	20	2,304,703	\$260,458.58	\$0.1130			
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,002,197	\$104,581.35	2020	\$0.1044	\$0.1023	3	1,090,293	\$111,938.86	\$0.1027	3	1,044,331	\$109,898.03	\$0.1052			
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	452,400	\$52,253.99	1068	\$0.1155	\$0.1114	1	465,600	\$52,786.32	\$0.1134	1	433,200	\$51,043.08	\$0.1178			
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	60,593	\$21,241.23	955	\$0.3506	\$0.1640	2	80,064	\$15,683.06	\$0.1959	2	80,568	\$15,820.11	\$0.1964			
Total Large Power		21	3,136,864	\$356,741.43	7,582	\$0.1137	\$0.1087	26	3,851,469	\$431,668.41	\$0.1121	26	3,862,802	\$437,219.80	\$0.1132			
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	772,121	\$80,559.60	1705	\$0.1043	\$0.0981	1	1,100,078	\$109,317.34	\$0.0994	1	1,045,201	\$104,990.65	\$0.1005			
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	706,069	\$73,992.70	1531	\$0.1048	\$0.1001	1	875,036	\$86,537.35	\$0.0989	1	874,860	\$86,734.40	\$0.0991			
Total Industrial		2	1,478,190	\$154,552.30	3,236	\$0.1046	\$0.0990	2	1,975,114	\$195,854.69	\$0.0992	2	1,920,061	\$191,725.05	\$0.0999			
Interdepartmental (In - No Dmd)	ED1	10	23,142	\$3,163.33	80	\$0.1367	\$0.1342	11	40,778	\$5,716.66	\$0.1402	11	48,331	\$6,660.05	\$0.1378			
Interdepartmental (Out - w/Dmd)	ED2O	2	446	\$85.32	0	\$0.1913	\$0.1984	2	566	\$102.15	\$0.1805	2	670	\$117.07	\$0.1747			
Interdepartmental (In - w/Dmd)	ED2	27	31,110	\$4,592.92	0	\$0.1476	\$0.1434	28	25,027	\$3,787.47	\$0.1513	30	24,525	\$3,763.69	\$0.1535			
Interdepartmental (3Ph-In - w/Dmd)	ED3	10	158,726	\$21,126.86	586	\$0.1331	\$0.1300	11	126,536	\$17,385.49	\$0.1374	11	146,015	\$19,879.21	\$0.1361			
Interdepartmental (Street Lights)	EDSL	6	21,490	\$2,074.95	0	\$0.0966	\$0.0939	7	63,071	\$5,867.81	\$0.0930	7	63,071	\$5,865.70	\$0.0930			
Interdepartmental (Traffic Signals)	EDTS	8	1,386	\$128.17	0	\$0.0925	\$0.0925	9	1,710	\$158.12	\$0.0925	8	1,455	\$134.54	\$0.0925			
Generators (JV2 Power Cost Only)	GJV2	1	17,475	\$444.56	38	\$0.0254	\$0.0000	1	16,343	\$476.89	\$0.0292	1	13,628	\$354.19	\$0.0260			
Generators (JV5 Power Cost Only)	GJV5	0	0	\$0.00	0	\$0.0000	\$0.0000	1	11,874	\$346.48	\$0.0292	1	3,327	\$86.47	\$0.0260			
Total Interdepartmental		64	253,775	\$31,616.11	704	\$0.1246	\$0.1214	70	285,905	\$33,841.07	\$0.1184	71	301,022	\$36,860.92	\$0.1225			
SUB-TOTAL CONSUMPTION & DEMAND		5,905	10,253,456	\$1,274,988.31	21,342	\$0.1243	\$0.1203	5,900	12,226,025	\$1,485,569.57	\$0.1215	5,902	13,687,350	\$1,678,985.90	\$0.1227			
Street Lights (In)	SLO	14	0	\$13.43	0	\$0.0000	\$0.0000	14	0	\$13.43	\$0.0000	15	0	\$13.58	\$0.0000			
Street Lights (Out)	SLOO	2	0	\$1.92	0	\$0.0000	\$0.0000	2	0	\$1.91	\$0.0000	2	0	\$1.92	\$0.0000			
Total Street Light Only		16	0	\$15.35	0	\$0.0000	\$0.0000	16	0	\$15.34	\$0.0000	17	0	\$15.50	\$0.0000			
TOTAL CONSUMPTION & DEMAND		5,921	10,253,456	\$1,275,003.66	21,342	\$0.1243	\$0.1203	5,916	12,226,025	\$1,485,584.91	\$0.1215	5,919	13,687,350	\$1,679,001.40	\$0.1227			

BILLING SUMMARY AND CO.																		
JUNE, 2019																		
2019 - JULY BILLING WITH MAY 2019 AMP BILL																		
Class and/or Schedule	Rate Code	# of Bills	Sep-18 (kWh Usage)	Sep-18 Billed	Cost / kWh For Month	# of Bills	Oct-18 (kWh Usage)	Oct-18 Billed	Cost / kWh For Month	# of Bills	Nov-18 (kWh Usage)	Nov-18 Billed	Cost / kWh For Month	# of Bills	Dec-18 (kWh Usage)	Dec-18 Billed	Cost / kWh For Month	Cost / kWh For Month
Residential (Dom-In)	E1	3,350	3,081,597	\$381,317.28	\$0.1237	3,337	3,092,403	\$370,556.00	\$0.1198	3,334	2,028,219	\$251,008.17	\$0.1238	3,338	1,889,216	\$239,798.19	\$0.1269	
Residential (Dom-In) w/Ecosmart	E1E	8	6,146	\$768.44	\$0.1250	8	6,413	\$774.97	\$0.1208	8	4,070	\$511.40	\$0.1257	8	3,498	\$454.89	\$0.1300	
Residential (Dom-In - All Electric)	E2	612	480,532	\$59,991.48	\$0.1248	606	477,141	\$57,716.13	\$0.1210	608	341,256	\$42,496.39	\$0.1245	607	462,715	\$57,459.73	\$0.1242	
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	944	\$116.65	\$0.1236	1	882	\$105.98	\$0.1202	1	655	\$80.58	\$0.1230	1	488	\$62.77	\$0.1286	
Total Residential (Domestic)		3,971	3,569,219	\$442,193.85	\$0.1239	3,952	3,576,839	\$429,153.08	\$0.1200	3,951	2,374,200	\$294,096.54	\$0.1239	3,954	2,355,917	\$297,775.58	\$0.1264	
Residential (Rural-Out)	ER1	785	891,997	\$116,624.29	\$0.1307	783	876,121	\$111,314.51	\$0.1271	783	647,138	\$84,620.90	\$0.1308	777	708,091	\$93,471.61	\$0.1320	
Residential (Rural-Out) w/Ecosmart	ER1E	4	3,606	\$479.65	\$0.1330	4	3,496	\$452.74	\$0.1295	4	2,519	\$338.64	\$0.1344	4	2,889	\$389.65	\$0.1349	
Residential (Rural-Out - All Electric)	ER2	373	461,395	\$59,978.41	\$0.1300	372	450,295	\$56,878.39	\$0.1263	373	341,672	\$44,238.91	\$0.1295	372	423,283	\$54,944.35	\$0.1298	
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	2	2,179	\$285.67	\$0.1311	2	1,978	\$253.52	\$0.1282	2	1,457	\$192.74	\$0.1323	2	2,084	\$272.23	\$0.1306	
Residential (Rural-Out w/Dmd)	ER3	16	22,592	\$2,912.12	\$0.1289	16	18,482	\$2,340.33	\$0.1266	16	19,264	\$2,441.54	\$0.1267	16	74,328	\$9,129.46	\$0.1228	
Residential (Rural-Out - All Electric w/Dmd)	ER4	9	9,780	\$1,281.92	\$0.1311	9	8,778	\$1,125.87	\$0.1283	9	7,575	\$987.87	\$0.1304	9	26,753	\$3,321.60	\$0.1242	
Total Residential (Rural)		1,189	1,391,549	\$181,562.06	\$0.1305	1,186	1,359,150	\$172,365.36	\$0.1268	1,187	1,019,625	\$132,820.60	\$0.1303	1,180	1,237,428	\$161,528.90	\$0.1305	
Commercial (1 Ph-In - No Dmd)	EC2	73	38,745	\$6,108.85	\$0.1577	74	38,826	\$5,982.15	\$0.1541	73	31,927	\$5,082.08	\$0.1592	72	31,350	\$5,072.66	\$0.1618	
Commercial (1 Ph-Out - No Dmd)	EC2O	48	7,906	\$1,644.36	\$0.2080	48	7,432	\$1,551.72	\$0.2088	48	7,158	\$1,519.28	\$0.2122	48	11,512	\$2,120.54	\$0.1842	
Total Commercial (1 Ph) No Dmd		121	46,651	\$7,753.21	\$0.1662	122	46,258	\$7,533.87	\$0.1629	121	39,085	\$6,601.36	\$0.1689	120	42,862	\$7,193.20	\$0.1678	
Commercial (1 Ph-In - w/Demand)	EC1	262	398,500	\$59,217.68	\$0.1486	262	448,290	\$63,411.55	\$0.1415	260	333,955	\$50,414.30	\$0.1510	261	301,216	\$47,256.04	\$0.1569	
Commercial (1 Ph-Out - w/Demand)	EC1O	25	52,396	\$7,170.55	\$0.1369	25	50,388	\$6,718.61	\$0.1333	25	43,706	\$5,912.53	\$0.1353	26	42,048	\$5,891.05	\$0.1401	
Total Commercial (1 Ph) w/Demand		287	450,896	\$66,388.23	\$0.1472	287	498,678	\$70,130.16	\$0.1406	285	377,661	\$56,326.83	\$0.1491	287	343,264	\$53,147.09	\$0.1548	
Commercial (3 Ph-Out - No Dmd)	EC4O	2	40	\$41.40	\$1.0350	2	40	\$41.25	\$1.0313	2	80	\$46.53	\$0.5816	2	3,360	\$486.07	\$0.1447	
Total Commercial (3 Ph) No Dmd		2	40	\$41.40	\$1.0350	2	40	\$41.25	\$1.0313	2	80	\$46.53	\$0.5816	2	3,360	\$486.07	\$0.1447	
Commercial (3 Ph-In - w/Demand)	EC3	205	1,852,442	\$246,545.64	\$0.1331	207	1,898,554	\$247,165.96	\$0.1302	209	1,702,362	\$223,994.72	\$0.1316	207	1,489,381	\$201,812.93	\$0.1355	
Commercial (3 Ph-Out - w/Demand)	EC3O	37	302,193	\$41,843.55	\$0.1385	37	303,888	\$39,846.47	\$0.1311	37	298,204	\$41,023.08	\$0.1376	37	478,436	\$61,911.19	\$0.1294	
Commercial (3 Ph-Out - w/Dmd.&Sub-St)	E3SO	3	126,360	\$15,879.18	\$0.1257	3	122,920	\$14,951.02	\$0.1216	3	105,920	\$13,083.62	\$0.1235	3	93,080	\$11,597.88	\$0.1246	
Commercial (3 Ph-In - w/Demand, No Ta)	EC3T	1	8,880	\$1,126.29	\$0.1268	1	8,040	\$998.75	\$0.1242	1	7,320	\$925.93	\$0.1265	1	4,040	\$577.48	\$0.1429	
Total Commercial (3 Ph) w/Demand		246	2,289,875	\$305,394.66	\$0.1334	248	2,333,402	\$302,962.20	\$0.1298	250	2,113,806	\$279,027.35	\$0.1320	248	2,064,937	\$275,899.48	\$0.1336	
Large Power (In - w/Dmd & Rct)	EL1	20	2,452,238	\$263,428.77	\$0.1074	20	2,560,069	\$266,286.49	\$0.1040	20	2,330,080	\$248,092.31	\$0.1065	20	2,018,869	\$221,370.58	\$0.1097	
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,127,543	\$111,927.95	\$0.0993	3	1,114,476	\$107,148.68	\$0.0961	3	1,093,394	\$107,573.02	\$0.0984	3	1,116,708	\$108,755.82	\$0.0974	
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	507,600	\$54,558.29	\$0.1075	1	488,400	\$51,626.25	\$0.1057	1	471,600	\$51,894.73	\$0.1100	1	514,800	\$54,289.13	\$0.1055	
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	80,800	\$13,357.94	\$0.1653	2	79,122	\$14,827.66	\$0.1874	2	82,736	\$14,921.36	\$0.1803	2	67,570	\$9,376.88	\$0.1388	
Total Large Power		26	4,168,181	\$443,272.95	\$0.1063	26	4,242,067	\$439,889.08	\$0.1037	26	3,977,810	\$422,481.42	\$0.1062	26	3,717,947	\$393,792.41	\$0.1059	
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,140,164	\$108,239.67	\$0.0949	1	1,112,529	\$101,948.30	\$0.0916	1	1,024,215	\$94,884.34	\$0.0926	1	1,028,639	\$99,197.67	\$0.0964	
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	916,506	\$87,069.32	\$0.0950	1	920,929	\$88,265.27	\$0.0958	1	850,818	\$80,494.14	\$0.0946	1	860,021	\$83,657.45	\$0.0973	
Total Industrial		2	2,056,670	\$195,308.99	\$0.0950	2	2,033,458	\$190,213.57	\$0.0935	2	1,875,033	\$175,378.48	\$0.0935	2	1,888,660	\$182,855.12	\$0.0968	
Interdepartmental (In - No Dmd)	ED1	10	48,027	\$6,417.77	\$0.1336	10	27,285	\$3,867.27	\$0.1417	10	24,460	\$3,439.21	\$0.1406	9	30,855	\$4,238.59	\$0.1374	
Interdepartmental (Out - w/Dmd)	ED2O	2	588	\$103.55	\$0.1761	2	387	\$74.91	\$0.1936	2	332	\$67.85	\$0.2044	2	263	\$59.43	\$0.2260	
Interdepartmental (In - w/Dmd)	ED2	29	23,590	\$3,536.12	\$0.1499	28	20,986	\$3,091.87	\$0.1473	28	24,160	\$3,519.12	\$0.1457	27	50,475	\$7,088.03	\$0.1404	
Interdepartmental (3Ph-In - w/Dmd)	ED3	10	154,527	\$20,179.18	\$0.1306	10	166,786	\$20,894.12	\$0.1253	10	140,597	\$17,423.92	\$0.1239	10	144,770	\$18,717.77	\$0.1293	
Interdepartmental (Street Lights)	EDSL	7	63,071	\$5,868.82	\$0.0931	7	63,071	\$5,866.74	\$0.0930	7	63,071	\$5,867.80	\$0.0930	5	14,659	\$1,417.65	\$0.0967	
Interdepartmental (Traffic Signals)	EDTS	8	1,615	\$149.33	\$0.0925	8	1,535	\$141.91	\$0.0924	8	1,563	\$144.53	\$0.0925	8	1,746	\$161.41	\$0.0924	
Generators (JV2 Power Cost Only)	GJV2	1	14,354	\$311.19	\$0.0217	1	14,090	\$382.54	\$0.0271	1	15,181	\$404.57	\$0.0266	1	18,406	\$642.92	\$0.0349	
Generators (JV5 Power Cost Only)	GJV5	1	6,673	\$144.67	\$0.0217	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	
Total Interdepartmental		68	312,445	\$36,710.63	\$0.1175	66	294,140	\$34,319.36	\$0.1167	66	269,364	\$30,867.00	\$0.1146	62	261,174	\$32,325.80	\$0.1238	
SUB-TOTAL CONSUMPTION & DEMAND		5,912	14,285,526	\$1,678,625.98	\$0.1175	5,891	14,384,032	\$1,646,607.93	\$0.1145	5,890	12,046,664	\$1,397,646.11	\$0.1160	5,881	11,915,549	\$1,405,003.65	\$0.1179	
Street Lights (In)	SLO	14	0	\$13.44	\$0.0000	14	0	\$13.43	\$0.0000	14	0	\$13.43	\$0.0000	14	0	\$13.44	\$0.0000	
Street Lights (Out)	SLOO	2	0	\$1.91	\$0.0000	2	0	\$1.92	\$0.0000	2	0	\$1.91	\$0.0000	2	0	\$1.91	\$0.0000	
Total Street Light Only		16	0	\$15.35	\$0.0000	16	0	\$15.35	\$0.0000	16	0	\$15.34	\$0.0000	16	0	\$15.35	\$0.0000	
TOTAL CONSUMPTION & DEMAND		5,928	14,285,526	\$1,678,641.33	\$0.1175	5,907	14,384,032	\$1,646,623.28	\$0.1145	5,906	12,046,664	\$1,397,661.45	\$0.1160	5,897	11,915,549	\$1,405,019.00	\$0.1179	

BILLING SUMMARY AND CO

JUNE, 2019

2019 - JULY BILLING WITH MAY 2019 AMP BILL

Class and/or Schedule	Rate Code	Jan-19		Cost / kWh For Month	Feb-19		Cost / kWh For Month	Mar-19		Cost / kWh For Month	Apr-19		Cost / kWh For Month	May-19	
		# of Bills	(kWh Usage)		# of Bills	(kWh Usage)		# of Bills	(kWh Usage)		# of Bills	(kWh Usage)		# of Bills	(kWh Usage)
Residential (Dom-In)	E1	3,329	2,091,530	\$272,665.07	\$0.1304	3,340	2,274,677	\$294,991.21	\$0.1297	3,333	2,465,436	\$310,648.89	\$0.1260	3,342	2,035,662
Residential (Dom-In) w/Ecosmart	E1E	8	3,404	\$459.27	\$0.1349	8	3,681	\$492.96	\$0.1339	8	3,762	\$491.53	\$0.1307	8	3,079
Residential (Dom-In - All Electric)	E2	608	614,990	\$77,936.27	\$0.1267	610	676,299	\$85,395.38	\$0.1263	610	833,025	\$101,831.08	\$0.1222	620	672,647
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	585	\$76.68	\$0.1311	1	480	\$64.01	\$0.1334	1	526	\$68.02	\$0.1293	1	508
Total Residential (Domestic)		3,946	2,710,509	\$351,137.29	\$0.1295	3,959	2,955,137	\$380,943.56	\$0.1289	3,952	3,302,749	\$413,039.52	\$0.1251	3,971	2,711,926
Residential (Rural-Out)	ER1	774	786,974	\$106,504.33	\$0.1353	777	887,650	\$119,215.41	\$0.1343	777	961,894	\$125,641.90	\$0.1306	776	794,190
Residential (Rural-Out) w/Ecosmart	ER1E	4	3,143	\$434.51	\$0.1382	4	3,880	\$527.26	\$0.1359	4	3,702	\$493.87	\$0.1334	4	3,058
Residential (Rural-Out - All Electric)	ER2	371	481,455	\$64,120.63	\$0.1332	371	534,467	\$70,803.11	\$0.1325	371	609,784	\$78,413.48	\$0.1286	370	498,088
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2	2,654	\$353.13	\$0.1331	2	2,987	\$395.11	\$0.1323	2	3,344	\$429.97	\$0.1286	2	2,955
Residential (Rural-Out w/Dmd)	ER3	16	157,138	\$19,780.75	\$0.1259	15	81,165	\$10,304.66	\$0.1270	15	48,348	\$6,081.31	\$0.1254	15	25,173
Residential (Rural-Out - All Electric w/Drm	ER4	9	21,723	\$2,811.78	\$0.1294	9	12,300	\$1,634.32	\$0.1329	9	11,570	\$1,508.08	\$0.1303	9	10,622
Total Residential (Rural)		1,176	1,453,087	\$194,005.13	\$0.1335	1,178	1,522,449	\$202,879.87	\$0.1333	1,178	1,638,642	\$212,548.61	\$0.1297	1,176	1,334,086
Commercial (1 Ph-In - No Dmd)	EC2	72	33,835	\$5,516.43	\$0.1630	72	34,992	\$5,719.92	\$0.1635	72	38,814	\$6,133.79	\$0.1580	72	31,999
Commercial (1 Ph-Out - No Dmd)	EC2O	50	14,955	\$2,644.10	\$0.1768	50	11,714	\$2,225.35	\$0.1900	50	14,161	\$2,522.55	\$0.1781	50	11,118
Total Commercial (1 Ph) No Dmd		122	48,790	\$8,160.53	\$0.1673	122	46,706	\$7,945.27	\$0.1701	122	52,975	\$8,656.34	\$0.1634	122	43,117
Commercial (1 Ph-In - w/Demand)	EC1	258	287,417	\$45,278.62	\$0.1575	258	307,384	\$48,124.40	\$0.1566	258	330,566	\$49,985.17	\$0.1512	259	299,031
Commercial (1 Ph-Out - w/Demand)	EC1O	24	43,614	\$6,291.91	\$0.1443	24	49,827	\$7,283.21	\$0.1462	24	46,986	\$6,633.96	\$0.1412	24	41,830
Total Commercial (1 Ph) w/Demand		282	331,031	\$51,570.53	\$0.1558	282	357,211	\$55,407.61	\$0.1551	282	377,552	\$56,619.13	\$0.1500	283	340,861
Commercial (3 Ph-Out - No Dmd)	EC4O	2	18,800	\$2,635.31	\$0.1402	2	15,080	\$2,121.23	\$0.1407	2	160	\$57.71	\$0.3607	2	600
Total Commercial (3 Ph) No Dmd		2	18,800	\$2,635.31	\$0.1402	2	15,080	\$2,121.23	\$0.1407	2	160	\$57.71	\$0.3607	2	600
Commercial (3 Ph-In - w/Demand)	EC3	214	1,695,547	\$262,209.45	\$0.1546	214	1,695,558	\$232,874.42	\$0.1373	215	1,843,999	\$246,143.40	\$0.1335	214	1,840,308
Commercial (3 Ph-Out - w/Demand)	EC3O	37	419,781	\$56,966.14	\$0.1357	37	346,175	\$47,574.03	\$0.1374	38	303,214	\$40,961.20	\$0.1351	37	288,847
Commercial (3 Ph-Out - w/Dmd.&Sub-St	E3SO	3	95,160	\$12,496.97	\$0.1313	3	97,600	\$12,627.24	\$0.1294	3	114,920	\$14,544.21	\$0.1266	3	104,160
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	1,680	\$235.69	\$0.1403	1	1,960	\$267.70	\$0.1366	1	1,880	\$253.74	\$0.1350	1	1,880
Total Commercial (3 Ph) w/Demand		255	2,212,168	\$331,908.25	\$0.1500	255	2,141,293	\$293,343.39	\$0.1370	257	2,264,013	\$301,902.55	\$0.1333	255	2,235,195
Large Power (In - w/Dmd & Rct)	EL1	15	1,597,489	\$180,631.84	\$0.1131	15	1,478,807	\$170,170.64	\$0.1151	15	1,629,248	\$176,214.53	\$0.1082	15	1,519,156
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,025,490	\$110,924.41	\$0.1082	3	963,774	\$103,700.34	\$0.1076	3	922,545	\$96,209.85	\$0.1043	3	890,900
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	1	469,200	\$52,762.88	\$0.1125	1	382,800	\$46,480.47	\$0.1214	1	488,400	\$52,538.17	\$0.1076	1	444,000
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	58,800	\$6,223.37	\$0.1058	2	61,200	\$6,516.36	\$0.1065	2	67,200	\$6,824.48	\$0.1016	2	61,200
Total Large Power		21	3,150,979	\$350,542.50	\$0.1112	21	2,886,581	\$326,867.81	\$0.1132	21	3,107,393	\$331,787.03	\$0.1068	21	2,915,256
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	979,077	\$99,325.81	\$0.1014	1	756,625	\$80,906.51	\$0.1069	1	953,746	\$93,976.56	\$0.0985	1	793,516
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	1	759,385	\$79,525.88	\$0.1047	1	709,545	\$75,871.03	\$0.1069	1	679,242	\$70,650.12	\$0.1040	1	592,800
Total Industrial		2	1,738,462	\$178,851.69	\$0.1029	2	1,466,170	\$156,777.54	\$0.1069	2	1,632,988	\$164,626.68	\$0.1008	2	1,386,316
Interdepartmental (In - No Dmd)	ED1	9	30,783	\$4,036.98	\$0.1311	10	36,732	\$4,838.55	\$0.1317	9	41,855	\$5,271.19	\$0.1259	9	33,828
Interdepartmental (Out - w/Dmd)	ED2O	2	251	\$58.94	\$0.2348	2	289	\$64.23	\$0.2222	2	246	\$57.53	\$0.2339	2	234
Interdepartmental (In - w/Dmd)	ED2	29	66,602	\$9,567.47	\$0.1437	29	75,208	\$10,762.28	\$0.1431	27	82,014	\$11,431.90	\$0.1394	27	65,129
Interdepartmental (3Ph-In - w/Dmd)	ED3	10	147,035	\$19,433.31	\$0.1322	10	152,446	\$20,037.67	\$0.1314	10	205,686	\$26,332.92	\$0.1280	10	188,404
Interdepartmental (Street Lights)	EDSL	5	14,608	\$1,408.20	\$0.0964	5	18,020	\$1,729.62	\$0.0960	5	14,608	\$1,416.67	\$0.0970	5	14,608
Interdepartmental (Traffic Signals)	EDTS	8	1,606	\$148.50	\$0.0925	8	1,749	\$161.72	\$0.0925	8	1,474	\$136.29	\$0.0925	8	1,267
Generators (JV2 Power Cost Only)	GJV2	1	19,321	\$700.19	\$0.0362	1	19,808	\$584.93	\$0.0295	1	21,704	\$603.15	\$0.0278	1	18,459
Generators (JV5 Power Cost Only)	GJV5	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	0	0
Total Interdepartmental		64	280,206	\$35,353.59	\$0.1262	65	304,252	\$38,179.00	\$0.1255	62	367,587	\$45,249.65	\$0.1231	62	321,929
SUB-TOTAL CONSUMPTION & DEMAND		5,870	11,944,032	\$1,504,164.82	\$0.1259	5,886	11,694,879	\$1,464,465.28	\$0.1252	5,878	12,744,059	\$1,534,487.22	\$0.1204	5,894	11,289,286
Street Lights (In)	SLO	14	0	\$13.43	\$0.0000	14	0	\$13.44	\$0.0000	14	0	\$13.43	\$0.0000	14	0
Street Lights (Out)	SLOO	2	0	\$1.91	\$0.0000	2	0	\$1.92	\$0.0000	2	0	\$1.92	\$0.0000	2	0
Total Street Light Only		16	0	\$15.34	\$0.0000	16	0	\$15.36	\$0.0000	16	0	\$15.35	\$0.0000	16	0
TOTAL CONSUMPTION & DEMAND		5,886	11,944,032	\$1,504,180.16	\$0.1259	5,902	11,694,879	\$1,464,480.64	\$0.1252	5,894	12,744,059	\$1,534,502.57	\$0.1204	5,910	11,289,286

BILLING SUMMARY AND CO.												
JUNE, 2019												
2019 - JULY BILLING WITH MAY 2019 AMP BILL												
Class and/or Schedule	Rate Code	May-19 Billed	Cost / kWh For Month	Jun-19 # of Bills	Jun-19 (kWh Usage)	Jun-19 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	\$242,954.41	\$0.1263	3,339	1,637,164	\$215,454.91	\$0.1316	27,966,019	\$3,533,130.84	\$0.1263	3,339	56.5068%
Residential (Dom-In) w/Ecosmart	E1E	\$401.71	\$0.1316	8	2,976	\$403.19	\$0.1355	51,699	\$6,661.27	\$0.1288	8	0.1354%
Residential (Dom-In - All Electric)	E2	\$68,338.87	\$0.1226	629	394,726	\$50,889.72	\$0.1289	6,383,998	\$796,626.43	\$0.1248	612	10.3635%
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	\$58.97	\$0.1290	1	458	\$60.66	\$0.1324	7,366	\$938.19	\$0.1274	1	0.0169%
Total Residential (Domestic)		\$311,753.96	\$0.1255	3,977	2,035,324	\$266,808.48	\$0.1311	34,409,082	\$4,337,356.73	\$0.1261	3,960	67.0226%
Residential (Rural-Out)	ER1	\$92,162.85	\$0.1317	778	617,058	\$84,339.73	\$0.1367	9,516,991	\$1,259,630.26	\$0.1324	780	13.1927%
Residential (Rural-Out) w/Ecosmart	ER1E	\$346.81	\$0.1363	4	2,319	\$327.68	\$0.1413	37,417	\$5,065.36	\$0.1354	4	0.0677%
Residential (Rural-Out - All Electric)	ER2	\$53,930.58	\$0.1295	370	347,201	\$46,775.22	\$0.1347	5,428,930	\$709,853.15	\$0.1308	372	6.2917%
Res. (Rural-Out - All Electric) w/Ecosmart	ER2E	\$312.46	\$0.1288	2	1,967	\$264.01	\$0.1342	28,226	\$3,702.30	\$0.1312	2	0.0338%
Residential (Rural-Out w/Dmd)	ER3	\$3,336.23	\$0.1261	15	23,350	\$3,042.66	\$0.1303	539,320	\$68,239.55	\$0.1265	16	0.2637%
Residential (Rural-Out - All Electric w/Dmd)	ER4	\$1,224.75	\$0.1302	9	7,985	\$1,080.63	\$0.1353	143,695	\$18,686.88	\$0.1300	9	0.1523%
Total Residential (Rural)		\$151,313.68	\$0.1307	1,178	999,880	\$135,829.93	\$0.1358	15,694,579	\$2,065,177.50	\$0.1316	1,182	20.0020%
Commercial (1 Ph-In - No Dmd)	EC2	\$5,130.75	\$0.1609	72	31,708	\$5,216.75	\$0.1645	414,078	\$66,565.03	\$0.1608	73	1.2270%
Commercial (1 Ph-Out - No Dmd)	EC2O	\$1,858.70	\$0.1976	50	8,791	\$1,806.71	\$0.2055	119,630	\$23,281.07	\$0.1946	49	0.8293%
Total Commercial (1 Ph) No Dmd		\$6,989.45	\$0.1693	122	40,499	\$7,023.46	\$0.1734	533,708	\$89,846.10	\$0.1683	122	2.0563%
Commercial (1 Ph-In - w/Demand)	EC1	\$46,731.05	\$0.1510	260	267,791	\$42,762.13	\$0.1597	3,937,804	\$602,263.67	\$0.1529	260	4.3990%
Commercial (1 Ph-Out - w/Demand)	EC1O	\$6,099.39	\$0.1404	24	39,876	\$5,796.90	\$0.1454	546,099	\$76,770.70	\$0.1406	25	0.4161%
Total Commercial (1 Ph) w/Demand		\$52,830.44	\$0.1497	284	307,667	\$48,559.03	\$0.1578	4,483,903	\$679,034.37	\$0.1514	285	4.8150%
Commercial (3 Ph-Out - No Dmd)	EC4O	\$84.14	\$0.2337	2	80	\$46.97	\$0.5871	38,720	\$5,765.78	\$0.1489	2	0.0338%
Total Commercial (3 Ph) No Dmd		\$84.14	\$0.2337	2	80	\$46.97	\$0.5871	38,720	\$5,765.78	\$0.1489	2	0.0338%
Commercial (3 Ph-In - w/Demand)	EC3	\$223,008.67	\$0.1327	214	1,672,860	\$228,330.04	\$0.1365	20,548,831	\$2,794,246.81	\$0.1360	211	3.5654%
Commercial (3 Ph-Out - w/Demand)	EC3O	\$35,269.49	\$0.1357	37	235,437	\$33,446.06	\$0.1421	3,783,507	\$515,514.57	\$0.1363	37	0.6276%
Commercial (3 Ph-Out - w/Dmd.&Sub-St)	E3SO	\$12,199.22	\$0.1258	3	91,160	\$11,798.87	\$0.1294	1,287,120	\$163,192.68	\$0.1268	3	0.0508%
Commercial (3 Ph-In - w/Demand, No Tax)	EC3T	\$221.35	\$0.1350	1	1,720	\$235.63	\$0.1370	46,280	\$6,227.57	\$0.1346	1	0.0169%
Total Commercial (3 Ph) w/Demand		\$270,698.73	\$0.1328	255	2,001,177	\$273,810.60	\$0.1368	25,665,738	\$3,479,181.63	\$0.1356	252	4.2608%
Large Power (In - w/Dmd & Rct)	EL1	\$177,044.25	\$0.1065	15	1,621,674	\$178,664.86	\$0.1102	23,390,830	\$2,560,150.07	\$0.1095	18	0.2962%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	\$99,096.19	\$0.1017	3	1,002,197	\$104,581.35	\$0.1044	12,365,700	\$1,264,718.45	\$0.1023	3	0.0508%
Large Power (Out - w/Dmd & Rct, w/SbCr)	EL2O	\$50,347.54	\$0.1122	1	452,400	\$52,253.99	\$0.1155	5,566,800	\$620,163.61	\$0.1114	1	0.0169%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	\$5,835.99	\$0.1057	2	60,593	\$21,241.23	\$0.3506	835,063	\$136,911.09	\$0.1640	2	0.0338%
Total Large Power		\$332,323.97	\$0.1058	21	3,136,864	\$356,741.43	\$0.1137	42,158,393	\$4,581,943.22	\$0.1087	24	0.3977%
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	\$80,449.78	\$0.0943	1	772,121	\$80,559.60	\$0.1043	11,559,454	\$1,134,317.06	\$0.0981	1	0.0169%
Industrial (In - w/Dmd & Rct, No/SbCr)	EI2	\$76,598.10	\$0.0974	1	706,069	\$73,992.70	\$0.1048	9,531,371	\$954,263.39	\$0.1001	1	0.0169%
Total Industrial		\$157,047.88	\$0.0958	2	1,478,190	\$154,552.30	\$0.1046	21,090,825	\$2,088,580.45	\$0.0990	2	0.0338%
Interdepartmental (In - No Dmd)	ED1	\$3,730.91	\$0.1289	10	23,142	\$3,163.33	\$0.1367	415,014	\$55,692.37	\$0.1342	10	0.1664%
Interdepartmental (Out - w/Dmd)	ED2O	\$71.87	\$0.2013	2	446	\$85.32	\$0.1913	4,629	\$918.44	\$0.1984	2	0.0338%
Interdepartmental (In - w/Dmd)	ED2	\$6,062.18	\$0.1412	27	31,110	\$4,592.92	\$0.1476	531,761	\$76,263.81	\$0.1434	28	0.4739%
Interdepartmental (3Ph-In - w/Dmd)	ED3	\$22,596.36	\$0.1291	10	158,726	\$21,126.86	\$0.1331	1,906,565	\$247,943.60	\$0.1300	10	0.1721%
Interdepartmental (Street Lights)	EDSL	\$2,048.15	\$0.0953	6	21,490	\$2,074.95	\$0.0966	434,838	\$40,845.86	\$0.0939	6	0.1015%
Interdepartmental (Traffic Signals)	EDTS	\$117.05	\$0.0925	8	1,386	\$128.17	\$0.0925	18,372	\$1,698.72	\$0.0925	8	0.1368%
Generators (JV2 Power Cost Only)	GJV2	\$514.58	\$0.0282	1	17,475	\$444.56	\$0.0254	207,010	\$5,870.66	\$0.0284	1	0.0169%
Generators (JV5 Power Cost Only)	GJV5	\$0.00	\$0.0000	0	0	\$0.00	\$0.0000	21,874	\$577.62	\$0.0264	0	0.0042%
Total Interdepartmental		\$35,141.10	\$0.1219	64	253,775	\$31,616.11	\$0.1246	3,540,063	\$429,811.08	\$0.1214	65	1.1057%
SUB-TOTAL CONSUMPTION & DEMAND		\$1,318,183.35	\$0.1183	5,905	10,253,456	\$1,274,988.31	\$0.1243	147,615,011	\$17,756,696.86	\$0.1203	5,893	99.7278%
Street Lights (In)	SLO	\$13.44	\$0.0000	14	0	\$13.44	\$0.0000	0	\$161.37	\$0.0000	14	0.2384%
Street Lights (Out)	SLOO	\$1.92	\$0.0000	2	0	\$1.92	\$0.0000	0	\$22.99	\$0.0000	2	0.0338%
Total Street Light Only		\$15.36	\$0.0000	16	0	\$15.36	\$0.0000	0	\$184.36	\$0.0000	16	0.2722%
TOTAL CONSUMPTION & DEMAND		\$1,318,198.71	\$0.1183	5,921	10,253,456	\$1,275,003.67	\$0.1243	147,615,011	\$17,756,881.22	\$0.1203	5,909	100.0000%

Electric Department Report June 2019

There were 7 callouts with 5 of them resulting in outages during the month of June. 1 callout was due to an electric turn on request. 2 outages were caused by blown fuses of unknown cause. 1 outage was due to a truck ripping down a 3 phase service drop on Scott Street. 1 callout was due to a SUV running over a power pedestal at the H.C. Fairgrounds. 1 outage was due to an animal causing a blown fuse in a cutout. 1 outage was due to a lightning arrestor failure causing 3 fuses to blow.

Linemen/Service Truck: Crews repaired feeder 4042 on road U between roads 12 and 13 damaged by lightning storm. Repaired broken pole on 108 South. Crews performed shutoffs for billing department. Crews replaced capacitor bank pole on Rd. U West of Gerald. Linemen set pole for Gerald Ag. At elevator on Rd. U. Crews installed guy and anchor at 805 Strong street. Crews moved crossover for bridge construction on Road 12 in Fulton County back to normal configuration. Linemen reconfigured street lighting at corner of Clinton and Norton streets. Crews removed a capacitor bank on Road 12 North of Road. S. and replaced it with a recloser to enhance reliability. Crews worked on underground construction for Westview Villa's housing development. Electric personnel helped locate and mark Golf Course water intake for Park and Recreation department. The service truck performed locates, repaired downtown tree outlets, installed LED street lights and completed work orders as needed.

Substation Crew: The substation crew performed weekly and monthly checks at all substations and re-energized Glenwood Substation after testing and oil processing was completed. They also helped with storm outages during the month as needed.

Tree Crew: The tree trimming crew trimmed trees on Rd. Z, Stevenson, Helped crews on Rd. 12 reconfiguration in Fulton County, Reynolds Street, Rd. V between 16 and 17, Ohio Street and miscellaneous work orders for small trim and pick up requests.

Storeroom/Inventory/Meter Reading: Shawn read meters, mowed at 1775 Industrial Service Building, ordered inventory, offloaded trucks for deliveries, helped line crews as needed.

The **Peak Load** for June was **25.6 MW** occurring on June 27th at 7:00 PM. This was a decrease of 3.85 MW compared to June 2018. The **Average** load for June 2019 was **16.12 MW**. This was a decrease of 2.02 MW compared to June 2018. JV2 diesels units ran on 6/27 and produced 3.92 MWh. The gas turbines ran on 5 separate days and produced 277.87 MWh. The solar meter was unavailable due to a meter changeout that does not have a port for NPL.

City of Napoleon, Ohio



SUMMARY OF JUNE 2019 OUTAGE/STANDBY CALL-OUTS

June 07, 2019:

One employee was dispatched at 4:05 p.m. to 832 Monroe Street. The call-out resulted in a non-outage. The call-out was due to a turn on.

June 11, 2019:

Electric personnel were dispatched at 3:18 p.m. to 413 E Main Street. The outage lasted twenty-seven minutes and affected ten customers. The cause of the outage was unknown. Personnel refused cutout and reenergized.

June 19, 2019:

Electric personnel were dispatched at 10:00 p.m. to 1400 Scott Street. The outage lasted four hours and affected one customer. The outage was due to service ripped down by a truck that left the scene. Personnel repaired service (3 ph service).

June 27, 2019:

Electric personnel were dispatched at 12:45 a.m. to 1423 Scott Street. The outage lasted one and a half hour and affected two customers. The outage was due to lightning arrestor. Personnel replaced L/A and cutout and refused the cutouts.

June 29, 2019:

Electric personnel were dispatched at 4:15 a.m. to 15172 County Road M. The outage lasted one hour and affected one customer. The cause of the outage was unknown. Personnel refused cutout.

June 29, 2019:

Electric personnel were dispatched at 7:30 a.m. to 800 block of Scott Street. The outage lasted one hour and affected twelve customers. The outage was due to an animal. Personnel refused cutout.

June 29, 2019:

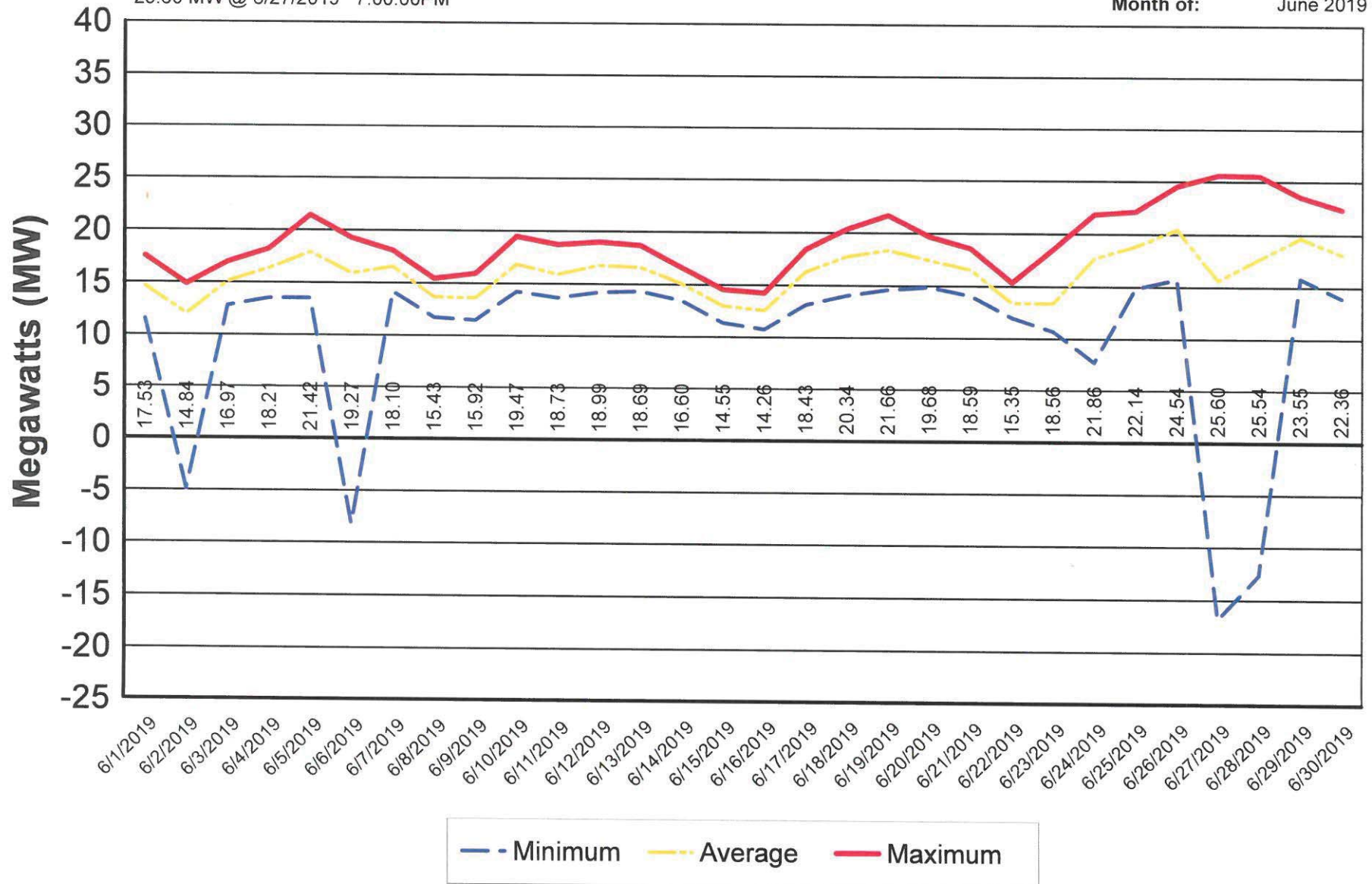
Electric personnel were dispatched at 8:00 a.m. to Fairgrounds. The call-out resulted in a non-outage. A car ran over breaker box. Personnel cleared car of breaker box.

Napoleon Power & Light

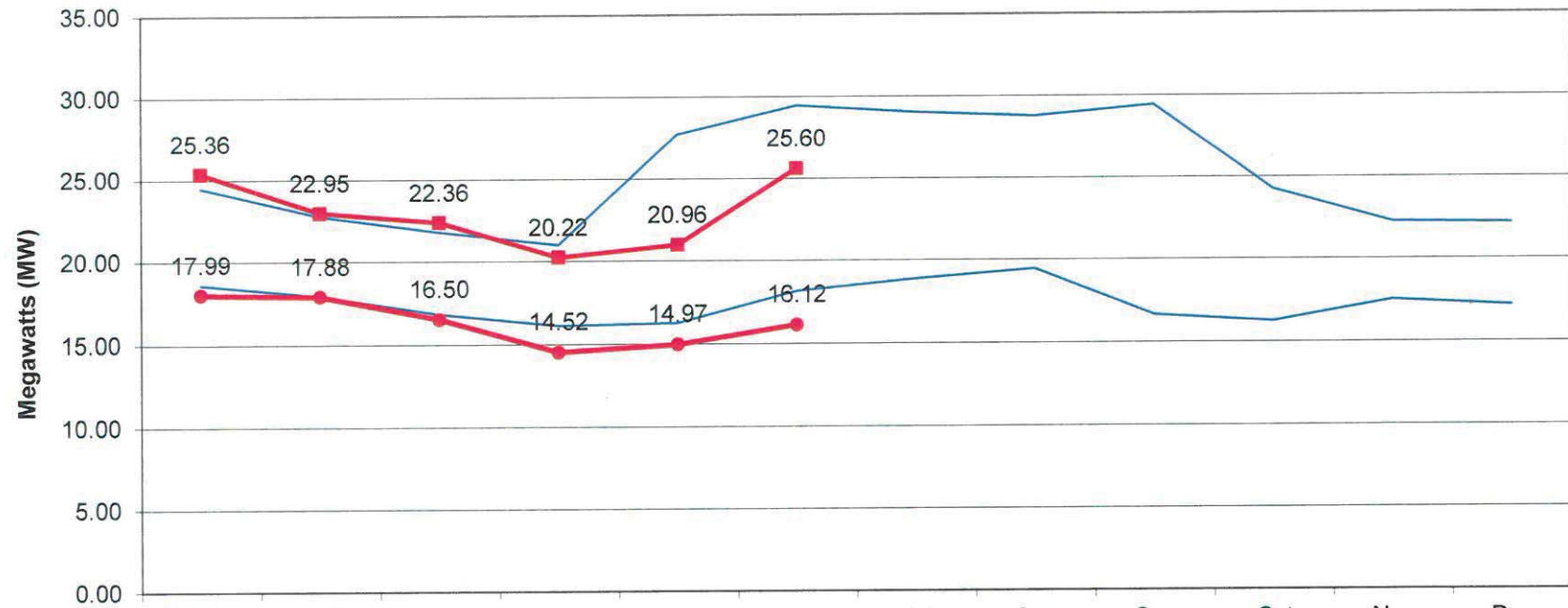
System Load

Peak Load:
25.60 MW @ 6/27/2019 7:00:00PM

Month of: June 2019



NAPOLEON POWER & LIGHT

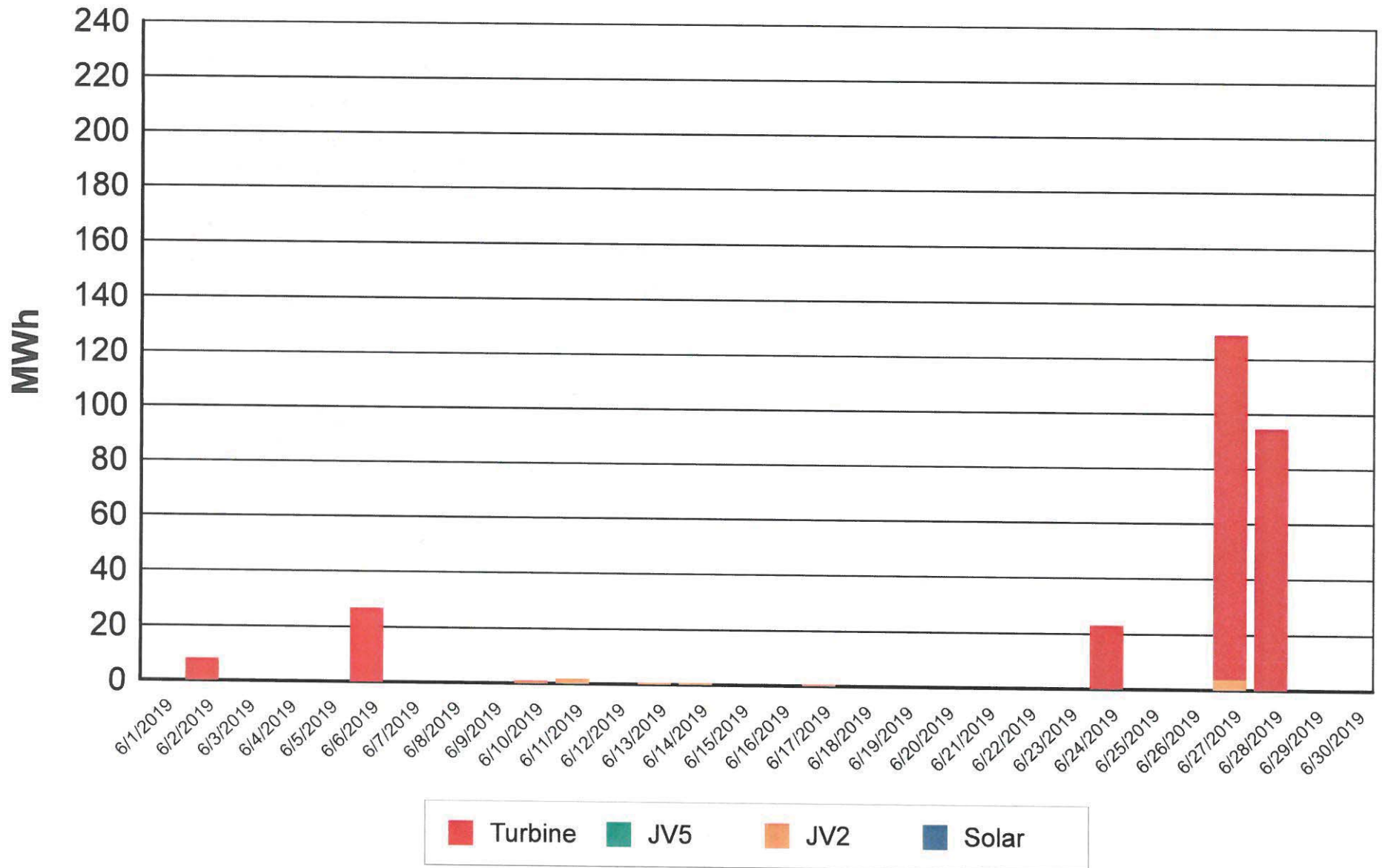


	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1/1/2018	2/1/2018	3/1/2018	4/1/2018	5/1/2018	6/1/2018	7/1/2018	8/1/2018	9/1/2018	10/1/2018	11/1/2018	12/1/2018
2018 MAX	24.46	22.74	21.78	20.99	27.72	29.45	29.03	28.77	29.43	24.25	22.23	22.16
2018 AVG	18.58	17.91	16.80	16.11	16.25	18.14	18.87	19.44	16.64	16.23	17.49	17.15
2019 MAX	25.36	22.95	22.36	20.22	20.96	25.60						
2019 AVG	17.99	17.88	16.50	14.52	14.97	16.12						

—■— 2018 MAX
 —●— 2018 AVG
 —■— 2019 MAX
 —●— 2019 AVG

Napoleon Power & Light

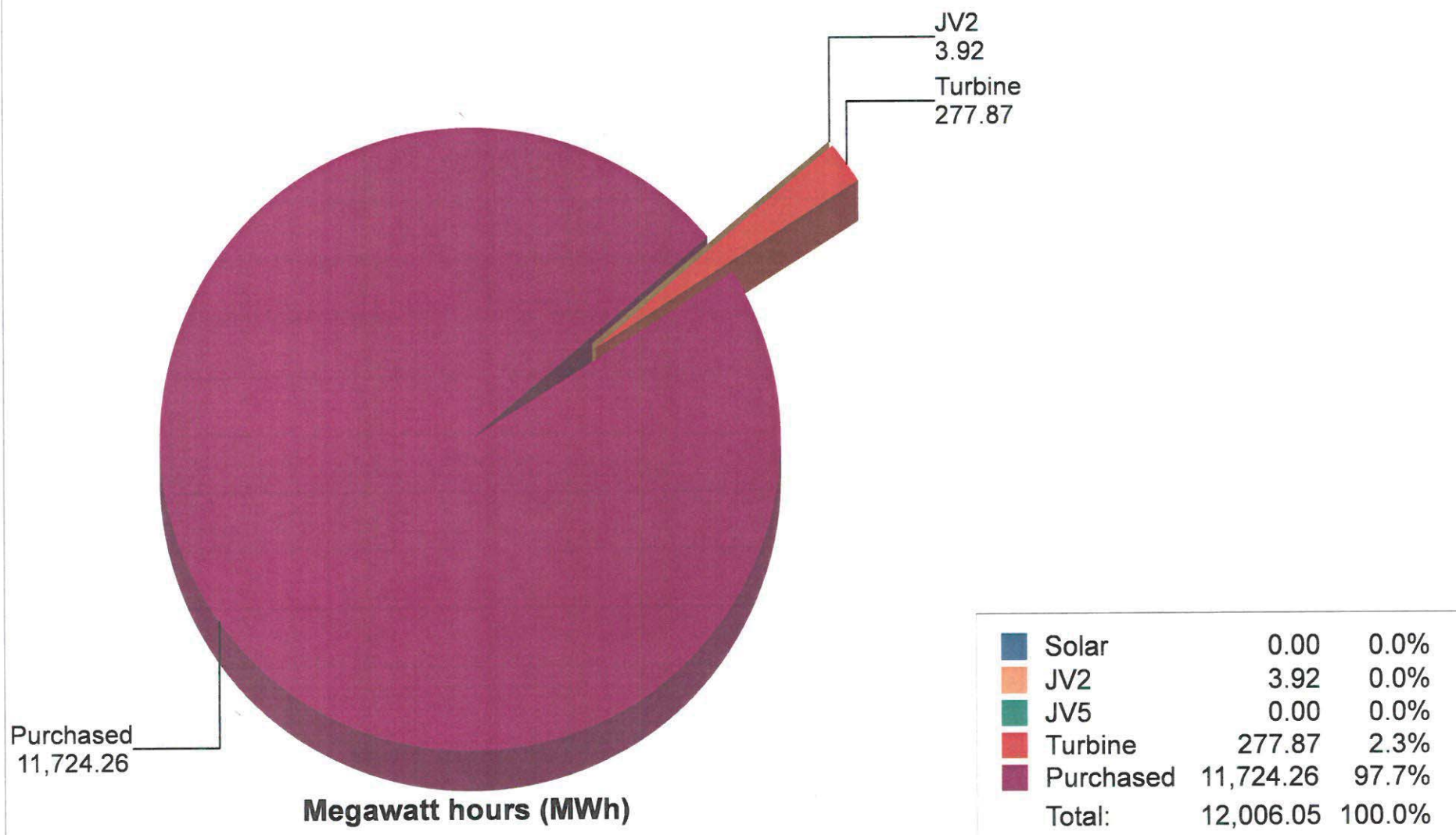
Daily Generation Output



Napoleon Power & Light

Power Portfolio

June 2019



City of Napoleon, Ohio

WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE

MEETING AGENDA

Monday, July 08, 2019 at 7:00 pm

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

- 1) Approval of Minutes: June 10, 2019. (In the absence of any objections or corrections, the Minutes shall stand approved).
- 2) Additional Refuse Bag.
- 3) Spring Cleanup Summary.
- 4) Any other matters currently assigned to the Committee.
- 5) Adjournment.



Roxanne Dietrich
Interim Clerk of Council

WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE

Monday, June 10, 2019 at 7:00 pm

Page 1 of 3

Mazur gave an update on sludge management at the Wastewater Treatment Plant, he indicated Arcadis was hired to do an analysis on how to handle the sludge management, if sludge management is done at the Water Treatment Plant, how would it be done through the lagoons at the WTP; or, will it be more economical to handle sludge management at the Wastewater Treatment Plant? Arcadis does not have a recommendation at this point. Jones & Henry will be starting the design for the Wastewater Treatment Plant, in the interim we have a bigger load of solids coming from the Water Treatment Plant to the Wastewater Treatment Plant and overwhelming the WWTP. We were going to rehab the digester but, decided to bypass the digesters and landfill the solids. The volume of solids being received by the Wastewater Treatment Plant from the new Water Treatment Plant has increased the costs for the Wastewater Treatment Plant. Comadoll asked if the Water Treatment Plant can help pay for some of the costs. Mazur said we did budget what we estimated to be about 10%, the Wastewater Treatment Plant pays for water but, the Water Treatment Plant does not pay for sewer the plan is to incrementally step in the sewer charges though the amount is not enough to address managing solids at the Wastewater Treatment Plant. WWTP Superintendent Pike indicated the volume of solids coming to the Wastewater Treatment Plant has doubled and with that high of a volume we are overloading our plant and are dangerously close to violating our NPDES Permit. The weather has not been our friend everything is full, this type of sludge takes a lot longer to dry than the normal sludge, we need to bring in the geo bag to help offset some of the load coming into the Wastewater Treatment Plant, we have taken some of the sludge to the landfill. If we were to have a major breakdown a budget adjustment will be needed, compared to 2018 we are seeing an increase of \$21,000 in operating expenses, the current process is overwhelming the plant. DeWit asked if it is the intention for the Wastewater Treatment Plant to bear the cost as sewage cost or charge the cost back to the Water Treatment Plant. Mazur said past practice has been the Wastewater Treatment Plant pays for water but the Water Treatment Plant is not paying for sewer, at budget time we discussed to start have the Water Treatment Plant incrementally pay sewer charges. DeWit said to keep our satellite customers the true cost cannot be absorbed by the sewer side of the business. Mazur said the design engineer did not give us an accurate estimation on volume of solids going to the Wastewater Treatment Plant, they were off by about 300%, no matter what we do the belt press has to go away the EPA is cracking down on regulations and on land applications because of the phosphorous issues, over the next 5-10 years we will have to either landfill or compost. Seemann added it is important we continue to monitor throughout, we weren't expecting the costs and need to monitor and hope there are no major breakdowns, this definitely will need to go in the next budget.

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

Passed

Yea-3

Nay-0

Approved:

July 08, 2019

Roll call vote on the above motion:

Yea-Sheaffer, Siclair, Comadoll

Nay-

Jeff Comadoll, Chairman



City of NAPOLEON, Ohio

Operations Department

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

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

MEMORANDUM

To: Chad Lulfs, P.E. and P.S. Director of Public Works
From: Jeffrey Rathge, Operations Superintendent
Date: July 5, 2019
Subject: 2019 Spring Cleanup Summary

EXPENSES

LABOR	HOURS	2019	2018	2017	2016
Regular rate - includes 38.5% for benefits and longevity	448.0	\$ 14,062.60	\$ 15,231.49	\$ 13,115.91	\$ 12,619.56
Overtime rate - includes 38.5% for benefits and longevity	85.5	\$ 3,709.42	\$ 3,314.89	\$ 1,678.14	\$ 4,911.01
TOTAL	533.5	\$ 17,772.02	\$ 18,546.38	\$ 14,794.05	\$ 17,530.57

TRUCK RENTAL	HOURS	2019	2018	2017	2016
Truck #262	46.0	\$ 5,704.00	\$ 11,656.00	\$ 10,943.00	\$ 4,900.00
Truck #328	10.0	\$ 1,240.00			
Truck #344	40.0	\$ 4,960.00			
TOTAL	96.0	\$ 11,904.00	\$ 11,656.00	\$ 10,943.00	\$ 4,900.00

FUEL FOR CITY TRUCKS	GALLONS	2019	2018	2017	2016
Truck #39	158.21	\$ 506.12	\$ 751.39	\$ 563.71	\$ 361.13
Truck #42	29.89	\$ 95.62	\$ 183.14	\$ 74.79	\$ 42.48
Truck #43	0.00	\$ -	\$ 113.02	\$ 80.02	\$ 59.68
Truck #44	34.80	\$ 111.32			\$ 635.63
TOTAL	222.90	\$ 713.06	\$ 1,047.55	\$ 718.52	\$ 1,098.92

LANDFILL WASTE DISPOSAL	LOADS	TONS	2019	2018	2017	2016
04/29/19	6	46.82	\$ 1,775.02	\$ 1,753.02	\$ 1,755.33	\$ 1,759.84
04/30/19	6	47.39	\$ 1,781.29	\$ 2,027.30	\$ 2,272.55	\$ 2,041.05
05/01/19	8	61.85	\$ 2,300.46	\$ 2,170.55	\$ 1,981.86	\$ 2,514.79
05/02/19	8	59.92	\$ 2,279.12	\$ 1,992.53	\$ 2,257.76	\$ 2,247.02
05/03/19	7	57.14	\$ 1,993.54	\$ 2,289.47	\$ 1,231.43	\$ 1,674.87
05/06/19	1	5.89	\$ 244.79	\$ 2,270.77		
TOTAL	36	279.01	\$ 10,374.22	\$ 12,503.64	\$ 9,498.93	\$ 10,237.57

SCRAP TIRE DISPOSAL	COUNT	TONS	2019	2018	2017	2016
05/06/19	49	0.62	\$ 124.00	\$ 103.20	\$ 55.20	\$ 62.40
TOTAL	49	0.62	\$ 124.00	\$ 103.20	\$ 55.20	\$ 62.40
TAGS PURCHASED (47 Car, 2 Semi)			\$ 110.00	\$ 134.00	\$ 92.00	

PROFIT

SCRAP METALS	LOADS	TONS	2019	2018	2017	2016
04/29/19	15	7.06	\$ 1,270.80	\$ 1,077.30	\$ 1,038.16	\$ 3,372.71
04/30/19	13	5.1	\$ 918.00	\$ 1,060.50	\$ 1,136.96	
05/01/19	14	5.95	\$ 1,071.00	\$ 871.50	\$ 840.56	
05/02/19	11	5.16	\$ 928.80	\$ 987.00	\$ 901.36	
05/03/19	11	4.47	\$ 804.60	\$ 539.70	\$ 998.64	
05/06/19	3	0.77	\$ 138.60	\$ 871.50		
9 freon appliances					\$ (65.00)	\$ (48.00)
TOTAL	67	28.51	\$ 5,131.80	\$ 5,407.50	\$ 4,850.68	\$ 3,324.71
TAGS PURCHASED			\$ 90.00	\$ 30.00	\$ 65.00	

TOTAL SPRING CLEANUP \$ 35,755.50 \$ 38,449.27 \$ 31,159.02 \$ 30,504.75

City of Napoleon, Ohio

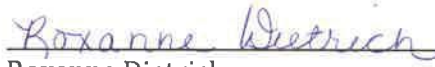
BOARD OF PUBLIC AFFAIRS

Meeting Agenda

Monday, July 08, 2019 at 6:15 pm

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

- 1) Approval of Minutes: June 10, 2019 (In the absence of any objections or corrections, the Minutes shall stand approved).
- 2) Review/Approval of the Power Supply Cost Adjustment Factor for July 2019:
Power Supply Cost Adjustment (PSCA) 3-month averaged factor \$0.02203;
JV2 \$0.024091.
- 3) Electric Department Reports.
- 4) Additional Refuse Bag. (with Water & Sewer Committee)
- 5) Spring Cleanup Summary. (with Water & Sewer Committee)
- 6) Any other matters to come before the Board.
- 7) Adjournment.



Roxanne Dietrich
Interim Clerk of Council

plants in Ohio qualify for any type of funding from this clean air program they are setting up. HB6 will completely get rid of renewable portfolio standards, Napoleon has invested heavily into renewables, HB6 will get rid of the renewable energy credit program all our projects that get renewable energy credits will not receive these credits, the monetary effect will affect our rates. There was a piece added for protection of coal plants that is getting support from a lot of people in Southern Ohio. The House passed HB6 and the bill is being debated in the Senate, they want HB6 to pass before the State budget on July 1st. Sheaffer said Bowling Green reported HB6 would cost them \$400,000. Dr. Cordes said hydro gets renewable credits that will affect everything we have. Mazur replied they are claiming the nuclear plants are not making money, if the committee and board wants to oppose for all the reasons we talked about we can put this on the Council Agenda to get legislation drafted. DeWit asked how can the State take away federal tax credits on renewables? Mazur said Federal Tax Credits are for new projects, the State Renewable Energy Credits is energy generated from sources. My recommendation would be to have Council pass a resolution formally opposing things that harm our customer base, HB6 devalues our renewable energy facilities, HB6 eliminates the renewable portfolio standards and eliminates the renewable energy credit market for existing renewable energy facilities generating assets. Clapp said any large out-of-state company seeing Ohio do this will affect industry coming to Ohio from other states, we could lose business. Mazur noted Oak Harbor will be negatively affected, a lot of people work at Davis Bessie that's around 1,400 jobs. Sheaffer noted some industries may not care about renewable energy credits but if renewable credits go away our rates go up, between Build America Bonds, the EPA and Local Government Funds (LGF) we should take a really hard look at whatever the government is selling us because the government is not here for us, in all three of those instances the government took funds away from us.

**Motion to Recommend
Council Oppose HB6**

Motion: Dr. Cordes Second: DeWit
to recommend City Council oppose House Bill 6 due to negatively impacting our renewable portfolio and prior investments made by the City for Economic Development.

Passed
Yea-3
Nay-0

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

**Motion to Recess BOPA
Meeting**

Motion: Dr. Cordes Second: DeWit
to recess the Board of Public Affairs meeting at 7:01 pm.

Passed
Yea-3
Nay-0

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

**Motion to Reconvene
BOPA Meeting**

Motion: Dr. Cordes Second: Prigge
to reconvene the BOPA meeting at 7:23 pm.

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

Mazur stated last year this House Bill came up as a creditary municipality bill targeting the City of Columbus, if you wanted water service from the City of Columbus you had to annex in, whereas the City of Toledo has JEDZ (Joint Economic District Zone) where any jobs created in that zone the city gets the income tax. There are some communities around Columbus that want water service but do not want to annex, there were enough complaints that legislation was drafted trying to prevent and eliminate communities from charging surcharges to outside water customers. The house bill did not pass last year and this year's version affects us and also the communities looking at the aquifers, the legislation is calling any community that charges a surcharge non-compliant and that municipality will get a reduction in the amount of the Local Government Fund (LGF) so what little we do get they will try to take away if we charge a surcharge to our satellite communities. In going forward, it will definitely have a negative impact on our ability to negotiate contracts and deliver water. I do get a sense none of our legislators were supportive of this. It is out there and has come up before, I wanted to make sure everyone is aware of this my recommendation would be to do a resolution to oppose HB163.

Motion: Prigge Second: DeWit
to recommend Council oppose House Bill 163 as it will have a negative impact for
the City and to have the appropriate legislation drafted.

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

Motion: DeWit Second: Prigge
to adjourn the Board of Public Affairs meeting at 7:33 pm.

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

Dr. David Cordes - Chair

City of Napoleon, Ohio

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

MEETING AGENDA

Monday, July 08, 2019 at 7:30 pm

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

- 1) Approval of Minutes: June 10, 2019 (In the absence of any objections or corrections, the Minutes shall stand approved)
- 2) Tax Increment Financing for the American Road Improvements Project.
- 3) ODOT Safety Project Application Award: St. Rt. 108 and U.S. 24.
- 4) Any other matters currently assigned to the Committee.
- 5) Adjournment.



Roxanne Dietrich
Interim Clerk of Council

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

Monday, June 10, 2019 at 7:30 PM

Page 1 of 2

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Records Retention: FIN-33 Permanent

Nay-0

Nay-

Miller said he will talk to each NORA establishment so they understand. Harmon added he will call the State to make sure there aren't any steps we need to take. Miller noted they will also put information in their advertising so the public will know.

Alex Birkhold from Boy Scout Troop 46 was at the meeting and informed the committee he is trying to get his eagle rank and needs to do a project for the community and would like to replace the sign on 14B with a newer one that shows Napoleon and needs approval from the City. Maassel asked him what will the sign look like? Alex said like the airport sign but will have the date Napoleon was established with the logo to represent Napoleon leaning on an end. Siclair asked him if he is building the whole thing? Alex replied yes out of wood. Maassel informed him if approved tonight it will go to City Council next Monday night, what is your next step? Alex stated he will start fundraising through service organizations. Maassel asked how much do you think this will cost? Alex said around \$2,500. Mires asked about the time when it will be done. Alex replied that will depend on the fundraising and weather. O'Brien asked if the cost included the concrete to put the sign in the ground. Alex said everything. Mrs. Birkhold said he is not allowed to do anything above his head. Maassel replied we have guys to help out, you can get with Dennie Clapp at the Electric Department, he can give you a guided tour.

Motion: Maassel Second: Mires
to approve Alex Birkhold's Eagle Scout Project to replace the city entrance sign
at Glenwood and U.S. 24.

Nav-0

Nav-

None.

Motion: Maassel Second: Mires
to adjourn the Municipal Properties, Building, Land Use and Economic
Development Committee meeting at 8:22 pm.

Date Approved:

Nay-

Lori Siclair - Chair



City of **NAPOLÉON**, Ohio

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

Mayor
Jason Maassel

Members of Council

PRESIDENT:
Joseph Bialorucki

PRESIDENT PRO-TEM:
Daniel Baer

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

City Manager
Joel L. Mazur

Finance Director
Gregory J. Heath

Law Director
Billy D. Harmon

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

Memorandum

To: Napoleon City Council and Mayor
From: Joel Mazur, City Manager
cc: Chad Lulfs, Public Works Director

Date: 7/5/19
Subject: American Road Reconstruction

Attached is the cost estimate of the American Road Reconstruction and an aerial view of the project for the Municipal Properties, Building, Land Use, and Economic Development Committee meeting.

The funding sources for the project are below:

• Transportation Improvement District	\$250,000	Not Secured
• ODOT 629 Funding	\$250,000	Secured
• ODOT Jobs and Commerce	\$150,000	Secured
• HUD Small Cities ED	\$500,000	Not Secured
• Love's Travel Stop	\$400,000	Unofficial
• Tax Increment Financing	\$1,450,000	Secured

Please note that not all of these sources have been secured. Any funds that are not secured would be rolled into the Tax Increment Financing portion. Also, the Maumee Valley Planning Organization is the lead agency working on this project.

**CITY OF NAPOLEON, OHIO
AMERICAN ROAD & OAKWOOD AVENUE IMPROVEMENTS**

Engineer's Estimate of Construction

ITEM NO.	<u>DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>TOTAL</u>
ROADWAY					
1	Clearing & Grubbing	1	LS	\$25,000.00	\$25,000.00
2	Roadway & Driveway Excavation & Embankment	10,000	CY	\$15.00	\$150,000.00
3	Roadway Excavation - Undercutting Contingency	6,500	CY	\$15.00	\$97,500.00
4	Full Depth Pavement Sawing	300	LF	\$5.00	\$1,500.00
5	Subgrade Compaction	18,500	SY	\$1.50	\$27,750.00
6	Subgrade Stabilization Fabric	3,725	SY	\$1.50	\$5,587.50
6	BX 1200 Geogrid	14,500	SY	\$4.00	\$58,000.00
7	6" Aggregate Base (ODOT 304 - 2 Lifts)	625	CY	\$45.00	\$28,125.00
7	8" Aggregate Base (ODOT 304 - 2 Lifts)	3,300	CY	\$45.00	\$148,500.00
8	12" Aggregate Base (ODOT 304 - 2 Lifts) - Undercutting	6,200	CY	\$45.00	\$279,000.00
9	2" Asphalt Concrete Surface Course (ODOT 448 Type 1H, PG76-22 M)	700	CY	\$190.00	\$133,000.00
10	2" Asphalt Concrete Intermediate Course (ODOT 448 Type 2H, PG76-22 M)	700	CY	\$180.00	\$126,000.00
11	5" Asphalt Base (ODOT 301, PG64-22)	1,750	CY	\$150.00	\$262,500.00
9	11" Plain Portland Cement Concrete Pvement, Class QC1 with QC/QA	3,600	SY	\$65.00	\$234,000.00
10	8" Plain Portland Cement Concrete Pavement With 6" Crushed Aggregate Base	900	SY	\$60.00	\$54,000.00
13	Type 2 Concrete Curb Modified	7,250	LF	\$10.00	\$72,500.00

33	48" Diameter Storm Manhole With Standard Cone	6	EA	\$5,000.00	\$30,000.00
34	Storm Manhole Casting with Vented Lid Marked "STORM SEWER"	6	EA	\$750.00	\$4,500.00
ESTIMATED COST OF STORM SEWER CONSTRUCTION:					\$442,000.00

TOTAL ESTIMATED COST OF CONSTRUCTION: \$2,500,000.00

10% CONSTRUCTION CONTINGENCY: \$250,000.00

10% ENGINEERING DESIGN: \$250,000.00

TOTAL PROJECT COST: \$3,000,000.00

These costs are based on the utilization of Prevailing Wage rates for labor as established by the Department of Industrial Relations.

The estimated useful life of these improvements is fifty (50) years.

Chad E. Lulfs, P.E., P.S.
Director of Public Works
City of Napoleon, Ohio

Napoleon Engineering Department
Napoleon, Ohio
2019.04.11



Created: 7/2/19	Plotted: 7/2/19	Scale: 1"=100'
Drawn: Mark B. Cline	Approved: Chad E. Lulis	
Drawing Name: 1918-CT-03 - American Rd. Exhibit		

**City Of Napoleon
American Road
Exhibit**

City Of Napoleon
Engineering Department
255 West Riverside Avenue
Napoleon, Ohio 43545
Phone: (419) 592-4319
Fax: (419) 599-0393



Plans Prepared By:
City Of Napoleon
Engineering Department
Chad E. Lulis, P.E., P.S.
Director Of Public Works

No.	Date	Revision	Chkd. By

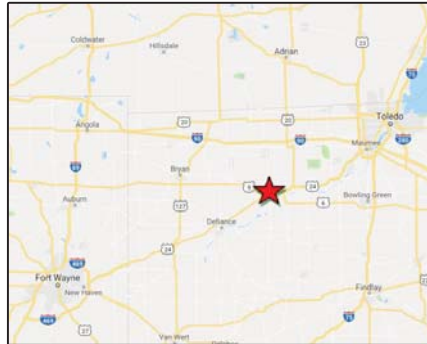
SAFETY APPLICATION SUMMARY

HEN-24 Exit 40 (SR-108)

US-24/SR-108 Interchange

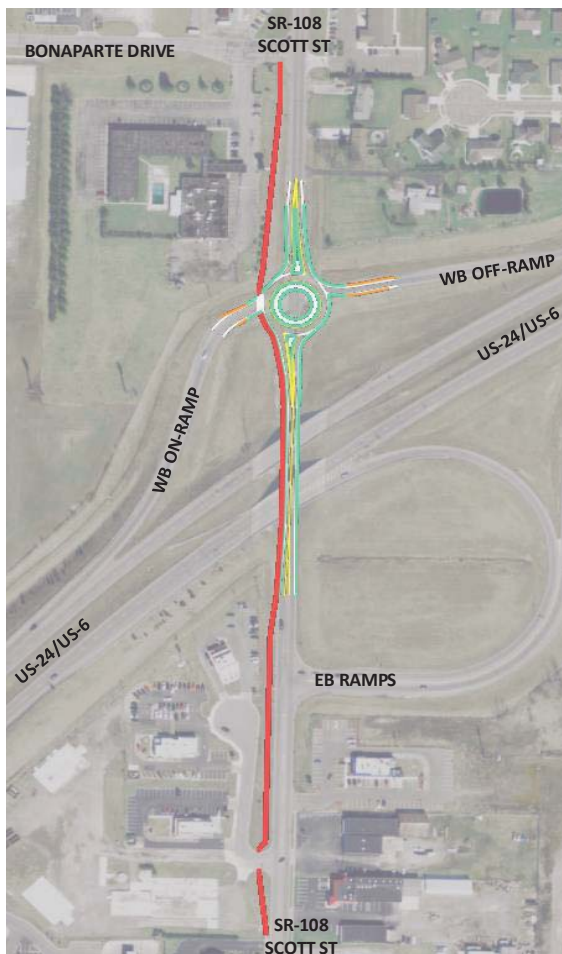
City of Napoleon, Henry County

April 2019



Crash Data (2016-2018)

- 17 total crashes
- 8 injury crashes (47%)
- 9 rear end crashes (53%)
- 6 angle crashes (35%)



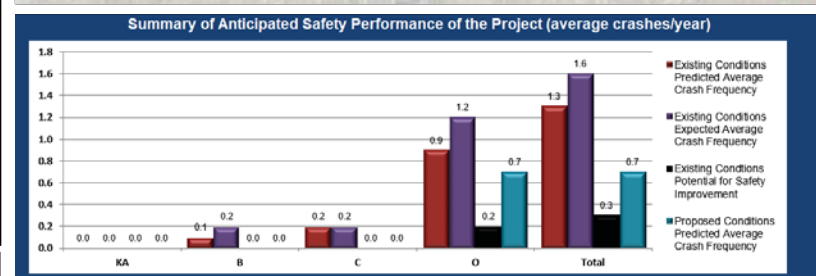
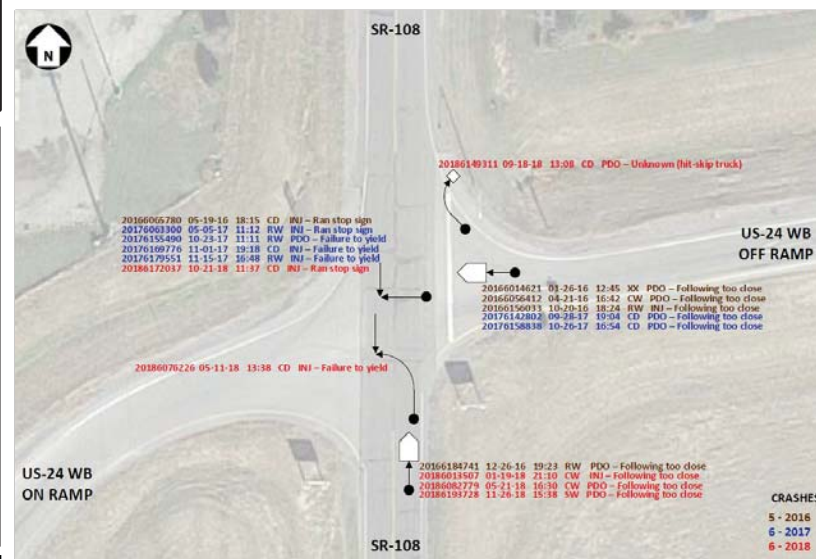
Project Description

- Install a roundabout at the WB US-24 ramps (\$1,929,897)
- Realign SR-108 to accommodate installation of 5' wide sidewalk on SR-108 from south of Wood Drive to Bonaparte Drive (\$1,872,340)
- Install Type-D barrier wall at the US-24 overpass (\$107,706)
- \$3,909,943 total project cost
- \$391,385 (10.01%) in local contribution (from City)
- Construction in FY 2022

	CY 2019				CY 2020				CY 2021				CY 2022				CY 2023			
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
Safety Study																				
Funding Award																				
Stage 1 & 2																				
Environmental																				
Stage 3																				
Final Plans																				
ROW Acquisition																				
Award Const.																				
Construction																				

Existing Conditions

- Located within overall #2 crash section as ranked by MVPO in 2010-2014 safety report
- Unexpected increases in traffic on US-24 since freeway conversion
- Pedestrian traffic common along SR-108, which links housing to Walmart & other employers

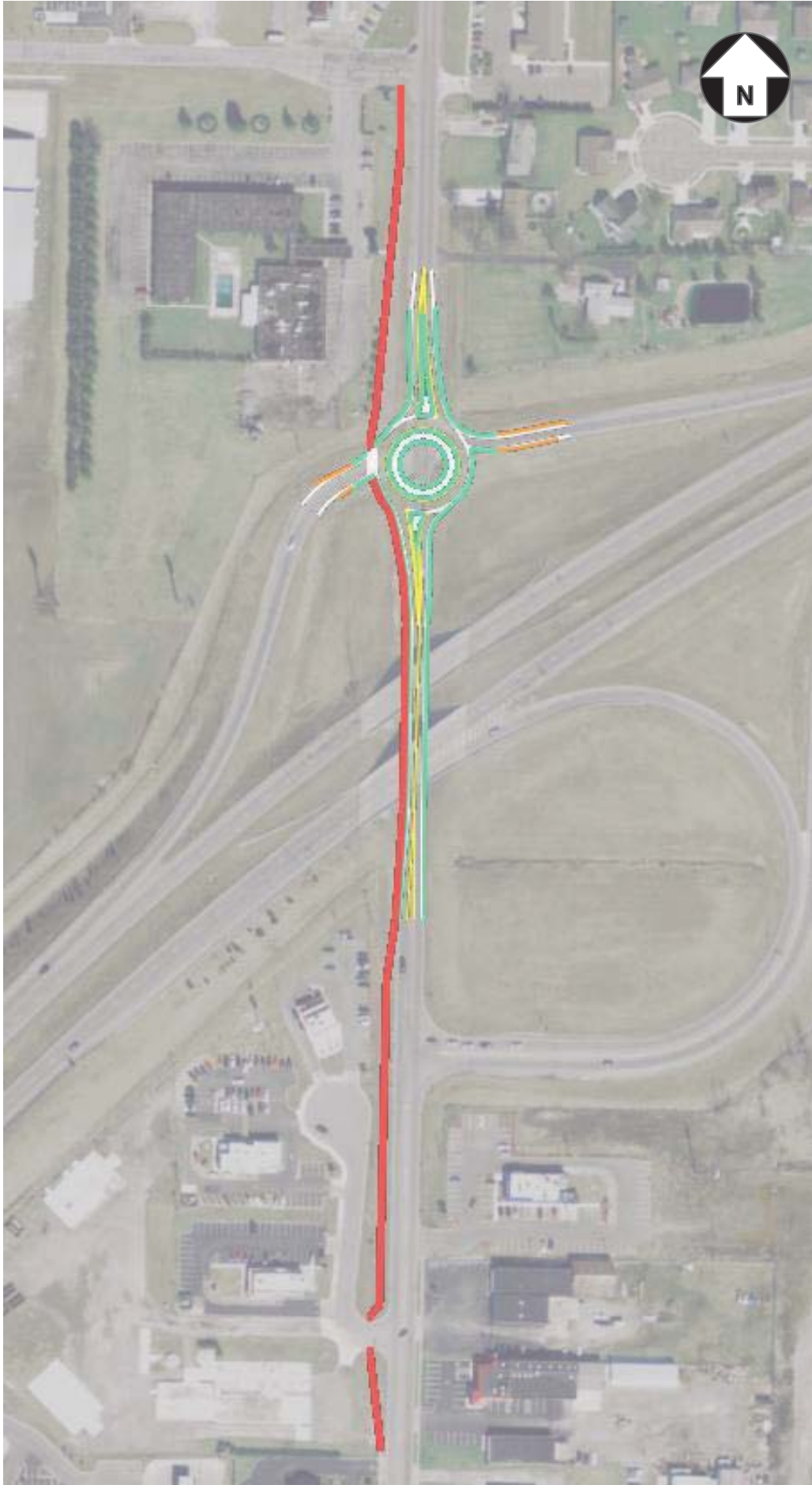


Strategic Highway Safety Plan

- Ohio Emphasis
 - Emphasis Area II – Serious Crash Types
 - Intersection Crashes
- FHWA Emphasis
 - Improving the design & operation of highway intersections
 - Modify control – two way stop to roundabout

HEN-24 Exit 40

Conceptual Drawing



City of Napoleon, Ohio

BOARD OF ZONING APPEALS

Meeting Agenda

Tuesday, July 09, 2019 at 4:30 pm

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

1. Call to Order.
2. Approval of Minutes - June 11, 2019. (*In the absence of any corrections or objections, the Minutes shall stand approved.*)
3. New Business
 - i. BZA 19-06 – Variance to the Front Setback – 1115 Sycamore Drive

An Application for Public Hearing has been filed by Randy and Deb Nemire. The Applicant is requesting a Variance to Section 1147 regarding the Building Setbacks in an R-2 Zone, Low Density Residential, Located at 1115 Sycamore Drive. The Applicant is requesting the Variance to Reduce the Front Building Setback from 30' to 25'.
4. Closing Remarks.
5. Adjournment.



Roxanne Dietrich

Interim Clerk of Council

Tuesday, June 11, 2019 at 4:30 PM
BZA 19-04 - Variance to Property Setback at 1130 Willard St

Page 1 of 2
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Records Retention: FIN33 Permanent

Motion: Rausch Second: Sans
to approve BZA 19-04 Variance to Property Setback at 1130 Willard Street.

Roll call vote on the above motion:
Yea-Mack, Rausch, Sans
Nay-

The meeting was continued with consideration of BZA 19-05.

Tom Mack – Chairman

City of Napoleon, Ohio
BOARD OF ZONING APPEALS
MEETING MINUTES

Tuesday, June 11, 2019 at 4:30 PM

BZA 19-05 – Appeal to Zoning Administrator’s Decision for 125 West Clinton Street

(Meeting continued after consideration of BZA 19-04)

PRESENT Board Members Recording Secretary Zoning Administrator City Staff Others ABSENT BZA Members	Tom Mack-Chairman, Laurie Sans, Lynn Rausch Roxanne Dietrich Mark Spiess Billy D. Harmon-City Law Director, Clayton O’Brien-Acting City Manager, David J. Mack-Chief of Police, Jason Maassel-Mayor, Jeff Mires-Councilmember, Lori Siclair-Councilmember Northwest Signal, Tom Manahan, Todd Burton, Katie Meyers
BZA 19-05 Background	Mack read the background for BZA 19-05: An application for public hearing has been filed by Dolgen Midwest, LLC (Dollar General) 100 Mission Ridge, Goodlettsville, TN 37072. The applicant is requesting an appeal to the Zoning Administrator’s decision to deny a zoning permit in a C-1 General Commercial Zone. The appeal process is pursuant to code section 175.04 Appeals of the Codified Ordinances.
Research and Findings	<p>Spiess read his Research and Findings: Upon review of the zoning application, it was determined a Dollar General store falls under the definition of a “Grocery Store” as defined in code section 1101.01 Definitions. <u>GROCERY STORES</u>. Stores where most of the floor area is devoted to the sale of food products for home preparation and consumption, which typically also offer other home care and personal care products, and which are substantially larger and carry a broader range of merchandise than convenience stores. According to section 1145.01 Table of Permissible Uses, a grocery store is not permitted in a C-1 Zone. (See Attached) Spiess explained the discrepancy is the definition, whether the store falls under it or not, my determination is they do as the definition is written.</p> <p>Mack stated as a point of clarification, I asked the City Law Director to be here as this appeal is a different matter than what we’ve had before us, we do not have latitude to say that this doesn’t make sense to us, that it is not logical, I want the committee to be aware this is much different than what we have looked at before.</p> <p>Harmon stated under Section 175.04 it specifies grounds for the appeal should be listed, I will note there were no grounds listed in the documentation I received just today, that was too quick for my office to fully respond. Spiess said they have a quicker timeline than we do and I wanted to get this in front of you otherwise, they would have to wait until July and I did not want to put this off any longer.</p> <p>Mack stated basically this comes down to either it is defined as a grocery store or retail operation or am I overly simplifying.</p>

Testimony
Tom Manahan

Spiess replied you are not overly simplifying, you have to find in the table grocery store and it did not fit and to me that is where they fall.

Mack clarified you are saying it did not fit in the zoning? Spiess said it does not in C1, that is why this came to you to get a decision to see am I interpreting the definition correctly or not. Mack asked what made your interpretation that it is a grocery store?

Spiess said the definition. Mack asked Spiess to pull up the definition of a grocery store for all to see. Spiess read the definition *stores where most of the floor area is devoted to the sale of food products for home preparation and consumption, which typically also offer other home care and personal care products, and which are substantially larger and carry a broader range of merchandise than convenience stores.* Mack asked Spiess did you think there were any other options to classify other than a grocery store? Spiess said he has not found anything. Harmon intercepted what Mark is saying he scheduled this very quickly in an attempt to get this in front of you, upon bringing it to my attention today it was determined, at least in my opinion, in order to give everyone a fair shake it might be helpful to have a little bit more time. I do not feel like I had a sufficient amount of time to look at this particular issue in order to say it was fair one way or another, unfortunately this information come to me at the last minute and it seems the grocery store definition fits but to give advice one way another to say absolutely was too short of time, to give everyone a fair shake I would ask that this be tabled.

Mack said since we are here let's go ahead and hear from the parties that are here and see if we can form some conclusion today or if we have to table it. If someone would like to speak on behalf of this request, please come to the mike and state your name.

I have Todd Burton from Dollar General here to answer any specific questions you may have on the floor plan things. I want to let you know Mark Spiess has been very helpful and tried to work with us to get things taken care of, I do want to clarify this has not been in just the last week or two I think the process started over a month or two ago that we have been trying to work with this, again Mark has always gotten back with me and always tried to be helpful. Our contention is the grocery store definition doesn't fit and again it's a matter of how you read it, the way we read it, the definition really does not fit our scenario and that is why Todd will answer any questions as far as the grocery store aspect of the definition. We have a timeline and with due diligence we can't truly wait another month or so unless we get permission from Family Video is my understanding. I understand what Mr. Harmon is saying, I think we just interpret that section a little differently.

Todd Burton
Dollar General

I'm the real estate manager for the State of Ohio. To give some additional context Mark, and I spoke before we started the portfolio process around two months ago when I made the initial call to get on the zoning. This is the actual merchandise plan the store plan areas are the red hash-mark areas, actual sales area of space is 5,593 sq. ft., the total area for food is 1,680 sq. ft., that's 30% and does not meet the majority threshold is how we are interpreting it on our end, to me 50% majority. Wall Street defines Dollar General as a mixed merchant that's a 32 billion-dollar organization that has people investing in its stock and the analysts are calling us a mixed merchant not a grocer. We operate 16,000 stores only 134 of those are what we call gaign markets and they are 21,000 sq. ft. with a full meat department and a full produce department, this is not what this store is, it is more of a convenience store. Dollar General has a new format that we call the DG Urban, you take a 7-Eleven and you take a standard Dollar General and mix the two is probably the best way to describe it. Frankly, in our opinion, we can see Walgreens as a greater competitor to us than a grocery store is, if you take the pharmacy out of the CVS and

Walgreens the assortment mix are similar. That is where the disconnect is on our interpretation relative to what Mark's is and again it is not to be combative it is just stating the facts at this point and why I was asked to come out to this meeting to explain and answer any questions the public or Council might have.

Mack asked if anybody had any questions or wanted to speak on behalf of the request? Manahan said I think if you look around town and look around the cities the single purpose store is gone it is always going to be a multi-purpose type of store so if you take the interpretation of that code section and they sold 5% of food would it still qualify under their interpretation of a grocery store. You look at WalMart, the new Krogers they have everything so we are asking you to realize what is happening in today's world, they are trying to offer a service to the community downtown.

Harmon stated we understand some of the complications, the issue with Family Video, based on this new information some that is coming to me today I feel it is prudent to try to get more information to potentially work this out one way or another.

Mack stated Billy help me out, the definition says *stores where most of the floor area is devoted to the sale of food products for home preparation and consumption* that is what is defining the 30% right, so the rest of his statement is inclusive of that percentage or is that just helping to define what a grocery store usually is.

Harmon responded in my opinion I would say it is conjunctive I could see this to be we are looking at a grocery store definition and in my opinion, at this point would be offering sale of food products for preparation and consumption along with

Mack-so you are saying in your interpretation that is inclusive.

Harmon-I would say that.

Mack-I have a real problem with grocery stores, I went into one the other day and the first thing I came across is flowers and mulch so is that a grocery store, a hardware or a garden center? I had a conversation with somebody if you go into most stores and they have food in there, could be 5% and with the rest of those items that would get them over 50% so all of a sudden that is a grocery store?

Harmon-as Mark stated perhaps there is a need for some updating for some of the code, maybe not, the way I read it I think it is inclusive of all those items.

Sans-to me it looks like a list.

Mack-every time I have looked at this, and admittedly I have spent more time than I wanted to, I keep coming back to *defined as grocery or retail* you talk about more time would it come down to something different, are there other options that I'm not seeing here?

Harmon-there is the potential for other options I can't speculate exactly what I might find these two options do seem to be the logical start based on this code, again I would ask for some time.

Manahan-and again we don't have time.

Katie Meyers

Why does this matter I'm confused I'm going to be his neighbor, I hope to be his neighbor because I own a business downtown also, I look at the wording and I think that stores where most is also a trigger question because it could also be some and why does this little glitch matter so much he wants to have his business here and we are looking at holding them up getting there and that building is not in use now and I'm befuddled that you just don't say can we just go ahead and then fix this, unless there is somebody who doesn't want them there, but I'm not hearing that at all.

Sans asked when was the last time you think, if you know, something did not fit the definition but was still allowed to put their business in without changing the zoning? Spiess replied I cannot speak before me, I've been in the chair for two years now I do not want to set a precedent is my fear, if we let this one slide it becomes a slippery slope why do we have rules at all, it's not I'm trying to stop it I wanted to get this in front of you and did not realize their timeframe was tomorrow.

Sans added I know there was an instance some years back when Walmart put in their gas station, it was not zoned for it they moved it a few feet and said let's change the zoning there to accommodate Walmart.

Mack said we need to stay within the guidelines, when we come back will it hinge on a grocery store and what all gets included. What is the definition of most? I would say it is 51%, to include all items I'm not sure that was intended other than for definition purpose.

Manahan asked about zoning on West Washington Street.

Spiess replied it is a C1 zone.

Manahan said I don't want to throw anyone under the bus, but the places selling donuts, cupcakes, coffee and candy are they a grocery store?

Spiess said there may be another definition they fell under we used.

Mack asked if there were any other questions or comments. Being none, Mack said he appreciates and respects the good faith everybody has worked on this project with and I think that in the end this just comes down to people reading that phrase and determining what that means to them and I think it falls on us to make that determination. I think the other option that you have is to table and I don't think that resolves the issue before us today.

Rausch commented if you look at the fact that they are only 30% food consumption they are not a grocery store, I don't know who came up with that regulation to begin with, years ago was there was a hospital there, it's not like we are asking to put a junkyard in place, we're utilizing an existing building and the adjoining people and businesses are not against it and personally I do not have anything against it.

**Motion to Approve the
Appeal and Overturn
the Zoning
Administrator's
Decision for BZA 19-05**

Motion: Rausch

Second: Sans

to Approve the Appeal and Overturn the Zoning Administrator's decision to deny a Zoning Permit for 125 West Clinton Street.

Passed
Yea-3
Nay-0

Roll call vote on the above motion:

Yea-Mack, Rausch, Sans

Nay-

Adjournment

Motion: Sans

Second: Rausch

to adjourn the Board of Zoning Appeals meeting at 5:03 p.m.

Passed
Yea-3
Nay-0

Roll call vote on the above motion:

Yea-Mack, Rausch, Sans

Nay-

Approved:

July 09, 2019

Tom Mack, Chairman

DRAFT



City of Napoleon, Ohio

255 West Riverview Avenue, P.O. Box 151

Napoleon, OH 43545

Telephone: (419) 599-1235 Fax: (419) 599-8393

www.napoleonohio.com

Memorandum

To: City Council, Mayor, City Manager, City Law Director, Department Supervisors, Newsmedia
From: Roxanne Dietrich, *Interim* Clerk of Council 
Date: July 5, 2019
Subject: Planning Commission – Cancellation

The regularly scheduled meeting of the **PLANNING COMMISSION** for Tuesday, July 09, 2019 at 5:00 pm has been *canceled* due to a lack of agenda items.

AMP Update for June 28, 2019

American Municipal Power, Inc.

Fri 6/28/2019 3:24 PM

To: Roxanne Dietrich <rdietrich@napoleonohio.com>;

Having trouble viewing this email? [Click here to view web page version](#)



AMP Lineworkers Rodeo registration and event information now available online

By Jennifer Flockerzie - manager of technical services logistics

Registration and event information for the 2019 AMP Lineworkers Rodeo, Aug. 23-24, is now available on the [rodeo page](#) of the [AMP website](#). Now in its sixth year, the rodeo provides journeyman and apprentice lineworkers the opportunity to demonstrate their skill and knowledge of the craft.

The Rodeo is a wonderful event that showcases the talents of lineworkers in AMP member communities. Competitors have the opportunity to compete in one of three categories: apprentice, individual journeyman and journeyman team. Teams can be comprised of individuals from multiple municipalities.



To register as a competitor, judge, volunteer or vendor/sponsor, click [here](#). If you have questions about the rodeo or registration, please contact me at jflockerzie@amppartners.org or 614.540.0853.

Rodeo events

Apprentice	Individual Journeyman	Team Journeyman
<ul style="list-style-type: none">• Hurtman Rescue Single Phase• Written Test• Alley Arm Change Out• 2 Phase Horizontal Cutout Change Out• Mystery Event	<ul style="list-style-type: none">• Hurtman Rescue Single Phase• Journeyman Written Test• Alley Arm Change Out• 2 Phase Horizontal Cutout Change Out• Mystery Event	<ul style="list-style-type: none">• Hurtman Rescue Single Phase• Journeyman Written Test• 2 Phase Horizontal Cutout Change Out• Obstacle Course• Mystery Event

AMP to hold groundworker training

By Jennifer Flockerzie

AMP is set to hold a groundworker training course in Jackson Center on July 18, 7 a.m. to 3:30 p.m., at 122 E. Pike St. This course is designed for entry-level apprentices as a beginning course or for municipal employees who assist the electric line crew as groundmen. As such, it is an excellent cross training opportunity for employees in other departments.

Throughout the year, AMP offers high-quality training designed to improve employee performance and enhance safety. Members are encouraged to browse the [2019 AMP Training Catalog](#) on the [member extranet](#) (login required) and sign up for any courses that might benefit their community.

If you would like to register for groundworker training or have questions, please contact Jennifer Flockerzie at jflockerzie@amppartners.org or 614.540.0853.

AMP members encouraged to take APPA annual survey

By Michelle Palmer - vice president of technical services

AMP strongly encourages its members to participate in the recently released American Public Power Association (APPA) annual salary survey. Similar to last year, the survey will help gather results that can help members with their local efforts to provide competitive salaries. To take the survey, click [here](#).

The deadline to submit survey responses is July 12. Survey participants receive a free copy of the full salary report, published shortly after the survey is closed. Non-participants will only receive an executive summary and would otherwise have to pay APPA for the full report. The report contains a breakdown by utility size and revenue, as well as by region.

Similar to last year, AMP will work with APPA to obtain more granular data than the standard issue reports. These reports will be useful to compare your utility's salaries with those of other utilities in our member footprint. All information that is provided will be held confidential.

Thank you in advance for your participation. For questions or additional information regarding the APPA surveys, please contact Paul Zummo, APPA, at pzummo@publicpower.org or 202.467.2969.

Register opens for AMP/OMEA Annual Conference

By Jodi Allalen - Manager of member events and programs

The AMP/OMEA Annual Conference, set to take place Sept. 23-25 at the Hilton Columbus at Easton, is the premier opportunity for AMP and OMEA members to connect with public power colleagues and municipal electric partners to learn more about industry trends, as well as AMP projects and programs.

Attendees will be able to attend general sessions focused on industry trends as well as breakout sessions covering various topic areas. The popular "lightning talks" are back with a twist, as well as the annual general membership and participant meetings for AMP, MESA, OMEA, the joint ventures and generation projects.



[Conference registration](#) is only available on the [AMP website](#) this year, though an informational brochure will be mailed soon. If you have questions about conference or registration, please contact me at jallalen@amppartners.org or 614.540.0916.

Hometown Connections completes re-branding

By Zachary Hoffman - communications and public relations specialist

Hometown Connections, Inc., (HCI) the national, non-profit utility services organization that is partially owned by AMP, recently completed re-branding efforts, including a new logo and website. The new site emphasizes how HCI products and services help community-owned utilities to meet today's challenges and plan for the future.



For more than 20 years, HCI has helped over 900 utilities to modernize processes and systems without the high price tag of private industry. HCI works with utilities of all sizes, facilitating access to technology, services and other solutions for issues in the arena of operations, cybersecurity, business strategy, customer care, finance, workforce and more.

To visit the new website and learn about HCI's offerings, click [here](#).

Energy market update

By Jerry Willman - assistant vice president of energy marketing

The August 2019 natural gas contract is now trading as the prompt month contract and increased \$0.056/MMBtu to close at \$2.324 yesterday. The EIA reported an injection of 98 bcf for the week ending June 21. Market expectations were for an injection of 99 Bcf. Natural gas stocks are 236 Bcf higher than last year at this time and 171 Bcf below the five-year average of 2,472 Bcf.

On-peak power prices for 2020 at AD Hub closed yesterday at \$31.59/MWh, which decreased \$1.06/MWh for the week.

On Peak (16 hour) prices into AEP/Dayton hub				
Week ending June 28				
MON	TUE	WED	THU	FRI
\$30.46	\$29.37	\$30.99	\$32.77	\$33.93
Week ending June 21				
MON	TUE	WED	THU	FRI
\$28.75	\$26.65	\$26.87	\$25.62	\$23.61
AEP/Dayton 2020 5x16 price as of June 27 — \$31.59				
AEP/Dayton 2020 5x16 price as of June 20 — \$32.65				

AFEC weekly update

By Jerry Willman

The AMP Fremont Energy Center (AFEC) was available for 2x1 operation for the week. Below-average temperatures earlier in the week continued to suppress system loads and prices causing PJM to dispatch the plant offline overnight Saturday, Sunday, Tuesday and Wednesday due to economics. Duct firing operated for 69 hours this week. For the week, the plant generated at a 69 percent capacity factor (based on 675 MW rating).

DEMEC hosts internal lineworker climbing training

By Heather Contant - director of media relations and communications - DEMEC

DEMEC recently had training poles placed behind their Administrative Building to help facilitate more hands-on, internal training opportunities for their member communities' lineworkers. The instructors covered safe climbing techniques along with hurt-man rescue training for nearly 30 linemen.



Beware of voice mail phishing scams

By Jared Price - vice president of information technology and CTO



If your organization uses online voice mail services, you've probably used links in notification emails to check your new messages. Lately, scammers are creating look-alike notification messages that trick you into giving up your login credentials.

The fake voicemail notifications take you through a series of steps. They'll first prompt you to click a link to listen to your "new message." Then, you are directed to a web page containing another link to click on so you can finally listen to your "new message."

If you click this link, you're brought to a realistic-looking Microsoft sign-in page where you're prompted for your email and password. If you enter your login details here, the bad guys will have full access to your account, where they can steal sensitive data or perform further attacks on your organization.

Remember the following to stay safe:

- Before clicking, always hover over links to see where they're taking you.
- If you're already logged into your email account, you shouldn't be prompted to log in again. When asked to log in to an online service you're using, type the web address into your browser yourself,

rather than using unexpected links.

- Get familiar with the format of your voicemail notification emails. If you're ever in doubt, contact the proper department in your organization before you click on any links or download attachments.

AMP promotes Barta to assistant vice president of hydroelectric operations

By Willey Sandell - vice president of generation operations and development

AMP is pleased to announce that Scott Barta has been promoted to assistant vice president of hydroelectric operations. In his new role, Barta will manage AMP's hydroelectric operations, including staffing, budgeting, outage planning and maintenance for safe, reliable and economic operation.

Barta joined AMP in 1990 as station engineer at the Richard H. Gorsuch Generating Station, and has held positions in operations, planning and management since then. Prior to that, he spent five years working at AEP's Mitchell Station. He holds a bachelor's degree in mechanical engineering from the University of Akron and a third-class power engineer's license from NIUPLE.



Please join me in congratulating Scott on his new role!

AMP welcomes two new employees

By Tracy Reimbold - vice president of human resources and administrative services

Tony Parrett joined AMP on June 27 as senior accountant. In this role, Parrett will focus on the monthly financial close process, data governance, regulatory and GAAP accounting and financial reporting, assisting with the consolidation of the financial statements, analysis of actual results, footnote disclosures and issuance of financial statements.

Prior to joining AMP, Parrett worked as a senior accountant/cyberquery developer for TS Tech Americas, Inc. He holds bachelors degrees in accounting and German from Franklin University and The Ohio State University respectively, as well as a master's degree in professional counseling from Grand Canyon University.



Sylvester Quainton joined AMP on June 27 as power dispatcher. In this role, Quainton will make hourly purchasing and selling decisions for the use of available generating resources and power supply resources to optimally meet load obligations and reduce member cost.

Prior to joining AMP, Quainton worked as a process operator for the Shell Chemical Company in Norco, Louisiana. He holds an associate degree in general science from Henry Ford Community College and a bachelor's degree in applied science-energy management from Bismarck State College.



Please join me in welcoming Tony and Sylvester to AMP.

AMP TRAINING SERIES:

Register for these upcoming courses

Lineworker Training Basic 1

Prerequisite: None

Date: July 29–Aug. 2 Class length: Weeklong

Size: Limited to 16

Lineworker Training Advanced

Prerequisite: Intermediate is required unless instructor approves

Date: Sept. 9–13 Class length: Weeklong

Size: Limited to 12

Hotline Training

Prerequisite: First- and second-year apprentice training is required

Date: Oct. 7–10 Class length: Three full days

Size: Minimum of 8

Advanced Transformer Workshop

Prerequisite: None

Date: Oct. 22-23 Class length: Two full days

Size: Minimum of 15

For a complete schedule and full details of the 2019 training courses, see the 2019 AMP Training Catalog at: www.amppartners.org/services/technical-services.

To register contact Jennifer Flockerzie, manager of technical services logistics, at 614.540.0853 or jflockerzie@amppartners.org



AMERICAN PUBLIC
POWER ASSOCIATION

2019

THE ACADEMY
Webinars

Register now for Webinars

Learn from your office! Individual webinars are \$109 (or sign up for a series at a discounted rate). Register today at www.PublicPower.org under Education & Events. Non-members can enter coupon code **AMP** to receive the member rate.

- The Site Selection Process and Megatrends:
July 8 *Economic Development Series*
- Monitoring Financial Health with a Check-up:
July 11 *Financial Planning Series*
- Marketing to Site Selectors: **July 22**
Economic Development Series
- Defining Revenue Requirements: **July 25**
Financial Planning Series





Classifieds

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

City of Cuyahoga Falls seeks applicants for lineworker

The City of Cuyahoga Falls is accepting applications for lineman class a. Starting pay is \$32.25-\$38.45 per hour, depending on qualifications. Three years of lineman experience and a Class A CDL is required. Non-smoking environment. Visit www.cityofcf.com for details and an application packet. Applications must be postmarked by July 5. EEO/ADA

City of Marshall seeks applicant for assistant director of electric utilities

The City of Marshall is a quaint Norman Rockwell style community with a population of 7,068 in lower, central Michigan. Located less than one hour from the campuses of the University of Michigan and Michigan State University, two hours from Detroit and beautiful Lake Michigan, and three hours from Chicago. The City has installed a fiber to the premise system to every property in the city with symmetrical speeds up to 10 mbps.

The community is seeing unusual growth with over \$1 billion of industrial growth. Click [here](#) to view the Choose Marshall video. Located at the intersection of I-94 and I-69, the crossroads of international highways, the city is preparing for large industrial and residential growth with a 1,000-acre mega industrial site. The downtown district is 97 percent commercially occupied. The city has the largest National Historic Landmark District in Michigan with many neighborhoods of historic homes.

In the next three years, it is anticipated a peak-demand growth from 23 MW to 123 MW. The city will be constructing infrastructure to meet this demand. A privately developed dual unit 500 MW gas fired power plant is proposed in the city. A complete job description can be found at www.cityofmarshall.com

Qualifications for the Assistant Director of Electric Utilities position include a degree in electrical engineering or a closely-related field, and a minimum of three to five years of experience working for an electric utility with supervisory or executive leadership responsibilities. A State of Michigan licensed professional engineer desired. Annual salary of \$80,000 with excellent benefits.

To apply for this position, submit a cover letter, resume and professional references to HumanResources@cityofmarshall.com.

The City of Marshall is an Equal Opportunity Employer. Position open until filled.

Borough of Schuylkill Haven seeks applicants for journeyman and apprentice electric lineworker

The Borough of Schuylkill Haven is seeking applicants for the position of journeyman electric lineman position. Minimum qualifications include: graduation from the standard four-year high school, successful completion of an approved apprenticeship program of at least four years in duration, journeyman accreditation and Pennsylvania CDL license.

Schuylkill Haven Borough owns and operates their own electric system including: substation, poles, distribution lines, transformers and secondary services. The applicant should have thorough background knowledge of these types of appurtenances. The successful candidate must pass a complete background investigation including reference, employment, criminal/personal record checks and a pre-employment drug screening test.

The borough is also accepting applications for an apprentice electric lineworker. This position is a trainee position.

Schuylkill Haven is located In Schuylkill County, Pa. and has a population of 5,550 people. The borough has an excellent compensation/benefit package and is an Equal Opportunity Employer. A complete job description and job application can be obtained by contacting the borough office at 570.385.2841 or by logging on to the Borough's website at www.schuylkillhaven.org.

Please submit a completed job application, resume, certifications and three references to: Scott J. Graver, Borough Administrator, Schuylkill Haven Borough Office, 333 Centre Ave., Schuylkill Haven, PA 17972. This position will remain open until filled.

PMEA seeks applicants for executive director

The Pennsylvania Municipal Electric Association (PMEA), a statewide organization of 33 Pennsylvania Boroughs who operate public power systems, seeks skilled, organized and motivated applicants for the position of executive director. The full time executive director will be the Association's only employee. This is an outstanding opportunity to shape an important and growing organization. Duties include managing the legislative and organizational affairs under a seven-member Board of Directors; managing legal, engineering and legislative consultants; organizing and fulfilling membership services; public speaking on the role, purpose and benefits of public power; lobbying and legislative activities with state elected officials and staff; and providing services for member communities. Required skills include demonstrated leadership and management experience; excellent oral and written communication skills; ability to work both independently and with other state and national associations; and the ability to effectively build and nurture professional relationships. Applicants must possess a bachelor's degree; experience in government preferred; knowledge of public power a plus. Ability to qualify as a Pennsylvania State Lobbyist is required. Salary range \$90,000-\$110,000 with excellent benefits; actual salary based on experience/qualifications. Send cover letter, resume and salary history/expectation with all included in only one attachment to woglomd@lafayette.edu. Deadline is noon on July 16, 2019. For full job description, go to www.pmea.us. EOE.

City of Coldwater seeks applicants for engineering manager

The City of Coldwater is seeking a qualified individual to fill the available position of engineering manager.

This individual will serve on the executive management team and provide professional support to the utility director and city manager. This individual will oversee all engineering functions for the Coldwater Board of Public Utilities (CBPU) and city. Extensive management and supervision is exercised over the electrical engineer, engineering technician and GIS and mapping coordinator.

The engineering manager will provide leadership in project development, design and implementation; coordination and issue resolution; manage technical research to support recommendations; assist with

estimating project costs while maintaining departmental budgets; prepare surveys and studies based on economic engineering practices in order to prepare plans for proposed construction projects; draft specifications for equipment and materials used in construction, maintenance and operation of utility and municipal systems; make on-site inspections of work to ensure compliance with plans; develop creative and effective strategies and coordinate with other utility and city engineering personnel to avoid conflicts of utility construction projects with other services; ability to prepare, review and interpret engineering plans and specifications; ability to conduct research projects; ability to prepare technical reports; keep record and documentation updated; mentor and facilitate the succession planning within the department; develop a departmental training program; develop and set priorities for department; ability to establish and maintain an effective working relationships with associates and build professional customer relations; research methods to improve workplace efficiency, productivity and recommend policy change; and perform related tasks as required thorough knowledge of engineering principles and practices.

Successful applicant should have a minimum of 10 years of experience in engineering or project management with an emphasis on electrical or civil engineering. An electrical engineering degree is preferred, but other engineering degrees will be considered. Salary commensurate with experience.

Send resume to: Nicki Luce, Coldwater Board of Public Utilities, One Grand St., Coldwater, MI 49036 or email to resume@coldwater.org.

Opportunities available at AMP

AMP is seeking applicants for the following positions:

Accountant

Manager/Director - debt management

System administrator - enterprise content

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

American Municipal Power, Inc.

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