# Memorandum

To:	Mayor and Members of City Council
сс:	City Manager, City Law Director, Interim Finance Director
From:	Roxanne
Regarding:	General Information
Date:	February 08, 2019

### 1. CALENDAR

### Monday, February 11, 2019

- 2. AGENDA-Electric Committee @6:15 pm with BOPA
  - 1. Approval of Minutes.
  - 2. Review/Approval of February 2019 PSCAF.
  - 3. Discussion on Mutual Aid to the Navajo Nation.
  - 4. Electric Department Reports
    - i. the Electric Department Report for January 2019 is attached.
- 3. AGENDA Water, Sewer, Refuse, Recycling & Litter Committee
  - 1. Approval of Minutes.
  - 2. Water Treatment Plant Solids Management (Tabled) with BOPA
  - 3. Waterline on Second River Bridge. with BOPA

### 4. AGENDA-Municipal Properties, Buildings, Land Use & Economic Development Comm. at 7:30 pm

:

- 1. Approval of Minutes.
- 2. Clairmont Avenue Proposal from Napoleon Area Schools. (Tabled)
- 3. Review of Napoleon Outdoor Refreshment Area (NORA).
- 4. Sign Code Review.
  - a. Enclosed is a Memorandum from Joel and also sections from the sign code and pictures.

### **MISCELLANEOUS INFORMATION**

- 1. Meetings Cancelled:
  - a. Board of Zoning Appeals
  - b. Planning Commission
- 2. AGENDA Personnel Committee Saturday, February 16, 2019 @8:30 am
- 3. OML Legislative Bulletin/February 8, 2019.

Records Retention - CM-11 - 2 Years

February 2019													
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday							
					1	2 Groundhog Day							
3	4	5	6	7	8	9							
	6:15 pm Technology Committee 7:00 pm City Council		<b>4:30 pm</b> Special Civil Service Commission	5:15 pm Personnel Committee									
10 7:00 am - 1:00 pm Fire Department ANNUAL PANCAKE BREAKFAST	<b>11</b> 6:15 pm Electric Comm. 6:15 pm BOPA 7:00 pm Water/Sewer 7:30 pm Municipal Properties	12	13	14	15	16 8:30 am Personnel Committee							
17	<b>18</b> 6:00 pm Tree Comm. 6:00 pm Parks & Rec Committee 7:00 pm City Council	19	20	21	22	23							
24	25 6:30 pm Finance & Budget Committee 7:30 pm Safety & HR with Townships and HCSJAD A Legislative Rally, Washi		<b>27</b> 6:30 pm Parks & Rec Board	28	1 MARCH	2 MARCH 10:00 am Special Civil Service Commission							

### **ELECTRIC COMMITTEE**

Meeting Agenda

### Monday, February 11, 2019 at 6:15 pm

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

- 1) Approval of Minutes: January 14, 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 February 2019: PSCAF – three (3) month averaged factor \$0.02203 JV2 \$0.029531 JV5 \$0.029531
- 3) Discussion on Mutual Aid to the Navajo Nation.
- 4) Electric Department Reports.
- 5) Any other matters to come before the Committee.
- 6) Adjournment.

Lotrich

Roxanne Dietrich Interim Clerk of Council

### **ELECTRIC COMMITTEE**

Meeting Minutes

### Monday, January 14, 2019 at 6:15 pm

PRESENT	
Committee Members Board of Public Affairs	Travis Sheaffer-Chair (arrived at 6:19 pm), Joseph D. Bialorucki, Lori Siclair Dr. David Cordes-Chair, Mike DeWit, Rory Prigge
City Manager	Joel L. Mazur
Interim Finance Director	Christine Peddicord
Interim Clerk of Council	Roxanne Dietrich
City Staff	Dennis P. Clapp-Electric Distribution Superintendent; Todd Wachtman-Substation
	Specialist
ABSENT	
Call to Order	Bialorucki called the Electric Committee meeting to order at 6:15 pm.
Approval of Minutes	Hearing no corrections or objections, the minutes from the October 08, 2018 Electric Committee meeting stand approved.
January 2019 PSCAF	Mazur reported the PSCAF is higher due to the rate levelization being depleted
	and the combined hydro project going online.
Discussion	Sheaffer arrived at 6:19 pm.
	AMP had to borrow a little on the line of credit due to power not being produced
Sheaffer Arrived	last spring with a few plants being shut down due to the rains, the next couple of billing cycles will see that come to an end. John Courtney, Lori, Chris and myself will be meeting with Tom from AMP to review the billing determinants equations, this is the year for the electric rate review study. Dr. Cordes thought a rate review
	would be a good idea with the new Water Treatment Plant; plus, a new business will be coming on added Prigge. Mazur said the Morgan Stanley contract comes off in 2020, I will not recommend a five-year contract, my recommendation will be for a one-year contract unless there is a compelling reason for a longer
	contract. Prigge stated the PCF has went up considerably since I've been on the board this short time, you are saying it may stabilize in March? Mazur responded
	believe so with the purchase of the solar field, paying that debt off and the rates on the hydro plant should come down. We have more power than we actually use is why the Morgan Stanley contract is important. Dr. Cordes said he thought AMP was going to give a presentation on peaking project. Mazur is not sure we should get into this when we already have way too much power behind our meter, if in February you still want a presentation, I can ask Mike Migloire to
	come out. Sheaffer did not think a presentation was necessary, when Jac Products comes online that should help with long run power. Mazur said if they ramp up to where they are saying they will be, we could be short. Backtracking on what I said before about getting into the project, I'm thinking five to ten years down the road batteries will be coming online and we don't want to be strapped

	with diesel generators. Clapp said he wants to wait until the batteries are mature before we jump in.
Motion to Accept the BOPA Recommendation to Approve	Motion: SiclairSecond: Sheafferto accept the BOPA recommendation to approve the January 2019 PSCAF as threemonth averaged factor \$0.02197, JV2 \$0.036239 and JV5 \$0.036239.
Passed Yea-3 Nay-0	Roll call vote on the above motion: Yea-Sheaffer, Bialorucki, Siclair Nay-
AMP O&M Agreement	Mazur gave an update on the AMP Operations and Maintenance (O&M) Agreement for the Northside Substation. The agreement is for maintenance of the equipment that we have been maintaining all along, the only difference is now AMP will be paying us to maintain the equipment, AMP is asking for a six- year commitment. Clapp continued, Todd Wachtman had some questions and sent those down to AMP, we have not had received any answers yet. Wachtman explained everything is on a schedule, we have to coordinate with AMP they have priority over the schedule and what needs to be done, any costs incurred goes back to AMP. We are currently trying to work out the schedule, there is a major maintenance cycle every five years and we want to make sure we have all costs covered thru AMP so the City doesn't incur any costs. There are two parts to the agreement, the annual budget where we submit big ticket items to AMP and the annual fee we get paid. Clapp said myself, Todd, Mike Dietrich and Nick Hogrefe are all trained to be the switching personnel for GridForce. Dr. Cordes asked why did they go with six years? Wachtman replied that is what AMP brought to us, I think it is a good interval and a good trial for us should it be too much of a burden, that gives us an out.
Electric Department Reports	Clapp reported in November they had six callouts and December had five callouts with three being power outages, two from accidents and one was from a squirrel. The Christmas lights have been taken down and the guys are doing pole scraping as the ground did not freeze. The crews have been doing a lot of tree trimming, substation crew mechanical, paperwork, equipment issues bucket truck is down the new bucket truck just came in and should be delivered within the next few weeks.
Other Matters	Mazur said the APPA Legislative Rally information came out last Friday, we did not receive the information in time to get it into the packets.
Motion to Adjourn Electric Committee Mtg.	Motion: Siclair Second: Sheaffer to adjourn the Electric Committee meeting at 7:04 pm.
Passed Yea-3 Nay-0	Roll call vote on the above motion: Yea-Sheaffer, Bialorucki, Siclair Nay-

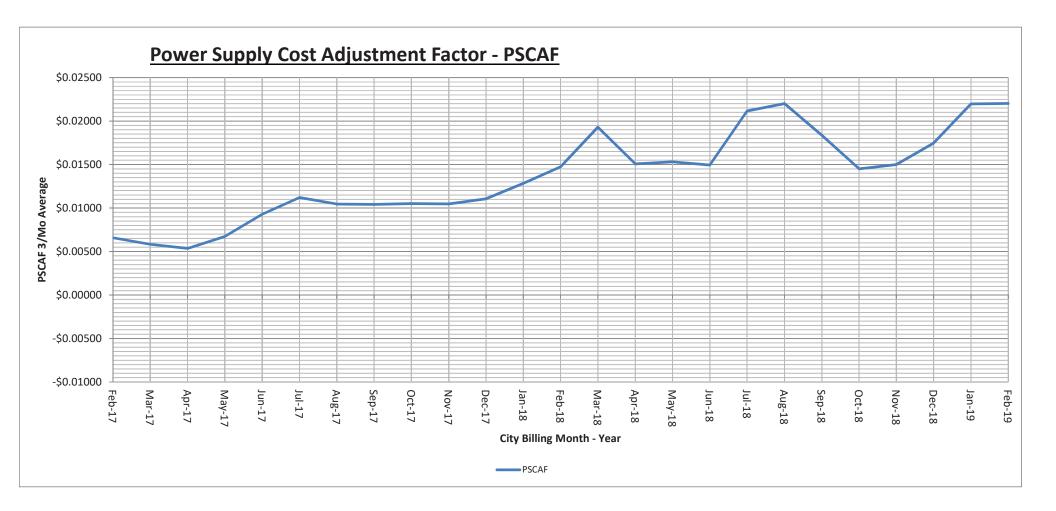
Approved

February 11, 2019

Travis Sheaffer - Chair

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				CITY OF N	IAPOLEON, OF	llC	- PSCAF			
		POWER SU	JPPLY COST A	<b>DJUSTMENT F</b>	ACTOR (PSCA	F)	- COMPUT	TATION OF MO	NTHLY PSC	AF
			COMPUTATIO	ONS WITH CORREC	TED DATA FROM JU	JLŶ	, 2015, THROU	GH MARCH, 2017		
			1			_				
AMP	PSCAF	AMP - kWh	Purchased Power				Rolling	Less: Fixed	PSCA	PSCA-Corrto
Billed	City	Delivered	Supply Costs		Ionth Totals		3 Month	Base Power	Dollar	3 MONTH
Usage	Billing	As Listed on	(*=Net of Known)		rior 2 Months		Average	Supply	Difference	AVG.FACTO
Month	Month	AMP Invoices	· · · · · · · · · · · · · · · · · · ·		Cost		Cost	Cost	+ or (-)	+ Line Loss
(a)	(b)	(c)	(d)	(e)	(f)		(g)	(h)	(i)	(j)
		10	Actual Billed w/Cr's		d + prior 2 Mo		f/e	\$0.07194 Fixed	g + h	i X 1.075
Apr'17	June '17	11,497,068		-			0.08058		0.00864	
May'17	July '17		\$ 1,006,024.23				0.08237		0.01043	0.01121
June'17	Aug '17	13,580,367			TO DE COMO PORTA DE ANTRESO	\$	0.08168	\$ (0.07194) \$	0.00974 \$	0.01047
July'17	Sep '17	14,573,346			\$ 3,295,254.14	\$	0.08163	\$ (0.07194) \$	0.00969	0.01042
Aug'17	Oct '17	14,326,956		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	
Nov'17	Jan'18	12,424,075	\$ 1,088,533.30	38,082,957	\$ 3,194,328.99	\$	0.08388	\$ (0.07194)\$	0.01194	
Dec'17	Feb'18	13,391,143	\$ 1,149,912.68	38,558,994	\$ 3,302,867.39	\$	0.08566	\$ (0.07194) \$	0.01372 \$	
Jan'18	Mar'18	13,957,533	\$ 1,336,329.96	39,772,751	\$ 3,574,775.94	\$	0.08988		0.01794 \$	
Feb'18	Apr'18	12,213,852	*\$ 914,897.80	39,562,528	\$ 3,401,140.44	\$	0.08597		0.01403	
Mar'18	May'18	12,894,285	*\$ 1,115,898.14	39,065,670	\$ 3,367,125.90	\$	0.08619		0.01425	22 J
Apr'18	June'18	11,995,837	\$ 1,154,645.74	37,103,974	\$ 3,185,441.68	\$	0.08585		0.01391	
May'18	July'18	12,812,421	\$ 1,184,249.00	37,702,543	\$ 3,454,792.88	\$	0.09163		0.01969	
June'18	Aug'18	13,813,277	\$ 1,230,516.92	38,621,535	\$ 3,569,411.66	\$	0.09242		0.02048	
July'18	Sep'18	15,234,049	\$ 1,312,135.13	41,859,747	\$ 3,726,901.05	\$	0.08903		0.01709	
Aug'18	Oct'18	15,634,242	\$ 1,275,023.19	44,681,568	\$ 3,817,675.24	\$	0.08544		0.01350	
Sep'18	Nov'18	13,195,770	\$ 1,197,316.71	44,064,061			0.08589		0.01395	
Oct'18	Dec'18	12,827,093	\$ 1,201,860.98	41,657,105			0.08820		0.01626 \$	
Nov'18	Jan'19	12,694,035	\$ 1,177,330.24	38,716,898			0.09238		0.02044 \$	
Dec'18	Feb'19	12,936,598	\$ 1,175,315.11	38,457,726	\$ 3,554,506.33	\$			0.02049 \$	
Total Incl	udes Other	(-) Credits / (+)	) Debits in Purchase	ed Power Costs, N	ot Listed on AMP	Bill	lings:		-	
	reparers S	ispoturo								
		and the second se	ng Administrator					iewers Signature		
	LOIT A. Rau		ng Administrator			Ń	lame -	Christine R. Peddi	cord, Asst. Fina	ance Director
Sou	U.R.	ausch	1/23/2019				Christen	ne R Pedde	iora	1/23/2019
Signature			Date			S	Signature			Date



BILLING SUMMARY AND CONS		or PILLINI			/ 2010				
2019 - FEBRUARY BILLING WITH DECEMBER									
PREVIOUS MONTH'S POWER BILLS - PU			i.		DEMAND & E	NERGY:			
DATA PERIOD			MUNICIPAL PEAK						
AMP-Ohio Bill Month	DECEMBER, 2018	31	22.610						
City-System Data Month	JANUARY, 2019	31							
City-Monthly Billing Cycle	FEBRUARY, 2019	28							
			D AND OPEN MAI						
(		FREEMONT	PRAIRIE STATE		NORTHERN	JV-2		MELDAHL-HYDRO	
PURCHASED POWER-RESOURCES -> (	AMP CT	ENERGY	SCHED. @ PJMC 8		POWER	PEAKING	CSW	SCHED. @	SCHED. @
<u>(</u>	SCHED. @ ATSI		REPLMT@ PJMC	<u>7x24 @ AD</u>	POOL			MELDAHL BUS	GREENUP BUS
Delivered kWh (On Peak) ->		4,466,712	3,437,190	2,827,200	166,064	19	603,318	106,583	31,608
Delivered kWh (Off Peak) ->					248,292				
Delivered kWh (Replacement/Losses/Offset) ->									
Delivered kWh/Sale (Credits) ->					-2,085,977				
Net Total Delivered kWh as Billed ->	0	4,466,712	3,437,190	2,827,200	-1,671,621	19	603,318	106,583	31,608
Percent % of Total Power Purchased->	0.0000%	34.5277%	26.5695%	21.8543%	-12.9216%	0.0001%	4.6637%	0.8239%	0.2443%
COST OF PURCHASED POWER:									
DEMAND CHARGES (+Debits)									
Demand Charges	\$31,620.00	\$33,588.73	\$57,642.82			\$639.26	\$213,447.96	\$17,302.32	\$2,258.33
Debt Services (Principal & Interest)		\$44,287.77	\$100,580.99						\$6,468.58
DEMAND CHARGES (-Credits)									
Transmission Charges (Demand-Credits)	-\$48,665.72					-\$891.76			
Capacity Credit	-\$47,748.21	-\$39,427.71	-\$20,147.67			-\$1,125.71	-\$3,915.63	-\$2,391.32	-\$1,266.16
	•••••					••••			ψ1,200.10
Sub-Total Demand Charges	-\$64,793.93	\$38,448.79	\$138,076.14	\$0.00	\$0.00	-\$1,378.21	\$209,532.33	\$14,911.00	\$7,460.75
ENERGY CHARGES (+Debits):									
Energy Charges - (On Peak)	\$0.00	\$149,998.50	\$41,850.33	\$177,972.24	\$6,640.56	\$0.61	\$19,155.35	\$3,384.00	\$148.09
Energy Charges - (Replacement/Off Peak)					\$8,457.17				
Net Congestion, Losses, FTR		\$2,159.36	\$10,382.20	\$2,799.85			\$1,898.04	\$221.13	-\$3.90
Transmission Charges (Energy-Debits)			\$22,868.74	, ,			. ,		
ESPP Charges									
Bill Adjustments (General & Rate Levelization)		\$676.85	-\$32,762.75						-\$5,329.60
ENERGY CHARGES (-Credits or Adjustments):									
Energy Charges - On Peak (Sale or Rate Stabilization)					-\$64,462.56				
Net Congestion, Losses, FTR					\$667.72				
Bill Adjustments (General & Rate Levelization)							-\$1,055.81	-\$186.52	-\$55.31
Sub-Total Energy Charges	\$0.00	\$152,834.71	\$42,338.52	\$180,772.09	-\$48,697.11	\$0.61	\$19,997.58	\$3,418.61	-\$5,240.72
TRANSMISSION & SERVICE CHARGES, MISC .: RPM / PJM Charges Capacity - (+Debit)									
RPM / PJM Charges Capacity - (-Credit)									
Service Fees AMP-Dispatch Center - (+Debit/-Credit)									
Service Fees AMP-Part A - (+Debit/-Credit)									
Service Fees AMP-Part B - (+Debit/-Credit)									
Other Charges & Bill Adjustments - (+Debit/-Credit)									
Sub-Total Service Fees & Other Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL NET COST OF PURCHASED POWER	-\$64,793.93	\$191,283.50	\$180,414.66	\$180,772.09	-\$48,697.11	-\$1,377.60	\$229,529.91	\$18,329.61	\$2,220.03
Percent % of Total Power Cost->	-5.5129%	16.2753%	15.3503%	15.3807%	-4.1433%	-0.1172%	19.5292%	1.5595%	0.1889%
Purchased Power Resources - Cost per kWH->	\$0.000000	\$0.042824	\$0.052489	\$0.063940	-\$0.029132	-\$72.505263	\$0.380446	\$0.171975	\$0.070236

BILLING SUMMARY AND CONS	s								
2019 - FEBRUARY BILLING WITH DECEMBER	-								
PREVIOUS MONTH'S POWER BILLS - PU	2								
DATA PERIOD									
AMP-Ohio Bill Month									
City-System Data Month									
City-Monthly Billing Cycle									
						•		MISCELLANEOUS	TOTAL
PURCHASED POWER-RESOURCES -> (	NYPA HYDRO	JV-5 HYDRO	JV-6 WIND	PHASE 1	POWER PLANT	CHARGES	DISPATCH, A & E		TOTAL - ALL
FURCHASED FOWER-RESOURCES -> [	SCHED. @ NYIS	7x24 @ ATSI	SCHED. @ ATSI	-	2017 - 2020	Other Charges	Other Charges		RESOURCES
L Delivered kWh (On Peak) ->	702,724	2.297.472	41,045	60,761	2017 - 2020	Other Charges	Other Charges		14,740,696
Delivered kWh (Off Peak) ->	102,124	2,291,412	41,043	00,701	0	0	0	0	248,292
Delivered kWh (Replacement/Losses/Offset) ->		33,588							33,588
Delivered kWh/Sale (Credits) ->		55,500							-2,085,977
Delivered KWI/Sale (Credits) ->									-2,005,577
Net Total Delivered kWh as Billed ->	702,724	2,331,060	41,045	60,761	0	0	0	0	12,936,599
Percent % of Total Power Purchased->	- 1			,			•	-	
Percent % of Total Power Purchased->	5.4321%	18.0191%	0.3173%	0.4697%	0.0000%	0.0000%	0.0000%	0.0000% Verification Total - >	100.0001%
COST OF PURCHASED POWER:	+ +							verillcation Total - >	100.0000%
DEMAND CHARGES (+Debits)									
Demand Charges	\$6,848.79	\$34,667.96	\$1.593.83			\$138,430.54			\$538,040.54
Debt Services (Principal & Interest)	φ0,010.10	\$55,367.84	1 11 11 11			\$100,100.01			\$206,705.18
DEMAND CHARGES (-Credits)		φ00,001.01							\$200,100.10
Transmission Charges (Demand-Credits)		-\$14,399.35	-\$46.75						-\$64,003.58
Capacity Credit	-\$4,685.99	-\$15,470.15	-\$99.50						-\$136,278.05
		φτο, πο.το							+100,210.00
Sub-Total Demand Charges	\$2,162.80	\$60,166.30	\$1,447.58	\$0.00	\$0.00	\$138,430.54	\$0.00	\$0.00	\$544,464.09
ENERGY CHARGES (+Debits):									
Energy Charges - (On Peak)	\$8,214.32	\$46,127.06		\$5,286.20		\$3,269.83			\$462,047.09
Energy Charges - (Replacement/Off Peak)	<i><b>Q</b></i> <b>0</b> ,211102	¢.0,121100		\$0,200.20		<i>\\</i> 0,200.00			\$8,457.17
Net Congestion, Losses, FTR	-\$665.04								\$16,791.64
Transmission Charges (Energy-Debits)									\$22,868.74
ESPP Charges					\$18,012.14				\$18,012.14
Bill Adjustments (General & Rate Levelization)									-\$37,415.50
ENERGY CHARGES (-Credits or Adjustments):									
Energy Charges - On Peak (Sale or Rate Stabilization)									-\$64,462.56
Net Congestion, Losses, FTR									\$667.72
Bill Adjustments (General & Rate Levelization)	-\$708.63							\$0.00	-\$2,006.27
Sub-Total Energy Charges	\$6,840.65	\$46,127.06	\$0.00	\$5,286.20	\$18,012.14	\$3,269.83	\$0.00	\$0.00	\$424,960.17
TRANSMISSION & SERVICE CHARGES, MISC.:	,								
RPM / PJM Charges Capacity - (+Debit)						\$195,585.15			\$195,585.1
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)							\$7,516.52		\$7,516.52
Other Charges & Bill Adjustments - (+Debit/-Credit)							. ,	\$15.15	\$15.1
Sub-Total Service Fees & Other Charges	 \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$195,585.15	\$10,290.55	 \$15.15	\$205,890.85
		φ0.00				φ130,000.13			ψ2.00,030.00
TOTAL NET COST OF PURCHASED POWER	\$9,003.45	\$106,293.36	\$1,447.58	\$5,286.20	\$18,012.14	\$337,285.52	\$10,290.55	\$15.15	\$1,175,315.11
Percent % of Total Power Cost->	0.7660%	9.0438%	0.1232%	0.4498%	1.5325%	28.6975%	0.8756%	0.0013%	100.0002%
								Verification Total - >	\$1,175,315.11
Purchased Power Resources - Cost per kWH->	\$0.012812	\$0.045599		\$0.087000		\$0.000000			\$0.090852
						0, 0	/kWH) = JV2 Electr		\$0.029531
			(Nortl	hern Pool Power -	On-Peak + Off-Pea	k - Energy Charge	/kWH) = JV5 Electr	ic Service Rate - >	\$0.029531

BILLING SUMMARY AN	VD CO	NSUN	IPTION fo	or BILLING	CYCLE	- FEBR	UARY, 20	<u>019</u>							
FEBRUARY, 2019															
2019 - FEBRUARY BILLING WITH DEC	CEMBER 2	¥.	P BILLING PERI	OD AND JANUAR	2019 CITY (	CONSUMPTIC					ļ	Max 40			
Class and/or	Rate	Jan-19 # of	Jan-19	Jan-19	Billed kVa	Cost / kWH	Cost / kWH Prior 12 Mo	Feb-18 # of	Feb-18	Feb-18	Cost / kWH	Mar-18 # of	Mar-18	Mar-18	Cost / kWH
Schedule	Code	Bills	(kWh Usage)	Billed	of Demand	For Month	Average	# 01 Bills	(kWh Usage)	Billed	For Month	# OI Bills	(kWh Usage)	Billed	For Month
	E1	3,329	2,091,530	\$272,665.07	or Demand			3,343	2,600,843	\$315,462,64		3,335	2,361,100	\$298.911.41	\$0.1266
Residential (Dom-In) Residential (Dom-In) w/Ecosmart	E1E	3,329	2,091,530	\$459.27	0	\$0.1304 \$0.1349		3,343	2,000,843	\$559.08		3,335		\$296,911.41	\$0.1200
Residential (Dom-In - All Electric)	E1E E2	608		\$77,936.27	0	\$0.1349		602	864,143	\$101,722.88		606		\$96,518.49	\$0.1301
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	585	\$76.68	0	\$0.1207		1	535	\$66.78		1	523	\$90,518.49	
rtes.(Domente 7 in Elect.) w/Ecosman				¢10.00		¢0.1011	¢0.1200				φ0.1240		020	¢01.10	¢0.1200
Total Residential (Domestic)		3,946	2,710,509	\$351,137.29	0	\$0.1295	\$0.1248	3,954	3,470,020	\$417,811.38	\$0.1204	3,950	3,152,164	\$396,018.49	\$0.1256
Residential (Rural-Out) Residential (Rural-Out) w/Ecosmart	ER1 ER1E	774	786,974 3,143	\$106,504.33 \$434.51	0	\$0.1353 \$0.1382		771	986,496 4,035	\$124,341.31 \$517.35		771		\$119,325.99 \$483.33	\$0.1313 \$0.1339
Residential (Rural-Out) wecosman	ER1E	371		\$64,120.63	0	\$0.1382		377		\$79,311.81		376		\$75,345.72	
Res. (Rural-Out - All Electric) w/Ecosmar		2	2.654	\$353.13	0	\$0.1332		311	3,571	\$442.41		2		\$395.64	\$0.1292
Residential (Rural-Out - All Electric) w/Ecositial	ER3	16		\$19,780.75	680	\$0.1331		16		\$11,174.66		16		\$3,325.21	\$0.1294
Residential (Rural-Out - All Electric w/Dm		9	21,723	\$2,811.78	187	\$0.1233		9	11,992	\$1,508.09		9		\$1,502.79	\$0.1203
						ψ0.1234	φ0.1203				ψ0.1230				ψ0.1500
Total Residential (Rural)		1,176	1,453,087	\$194,005.13	867	\$0.1335	\$0.1301	1,179	1,738,647	\$217,295.63	\$0.1250	1,178	1,536,054	\$200,378.68	\$0.1305
Commercial (1 Ph-In - No Dmd)	EC2	72	33,835	\$5,516.43	9	\$0.1630	\$0.1583	73	43,883	\$6,642.26	\$0.1514	74	41,741	\$6,562.97	\$0.1572
Commercial (1 Ph-Out - No Dmd)	EC20	50		\$2,644.10	0	\$0.1768		48	12,402	\$2,206.58		48		\$1,966.08	\$0.1924
Total Commercial (1 Ph) No Dmd		122	48,790	\$8,160.53	9	\$0.1673	\$0.1663	121	56,285	\$8,848.84	\$0.1572	122	51,960	\$8,529.05	\$0.1641
Commercial (1 Ph-In - w/Demand)	EC1	258	287,417	\$45,278.62	1669	\$0.1575	\$0.1514	261	328,599	\$48,114,24	\$0.1464	261	339,671	\$51,012.55	\$0.1502
Commercial (1 Ph-Out - w/Demand)	EC10	230		\$6,291.91	165	\$0.1373		201	50,064	\$6,772.87		201		\$7,223.28	\$0.1302
Commercial (1111-Out - W/Demand)	LOID	24	40,014	ψ0,231.31	105	ψ0.1443	ψ0.1575	20	50,004	ψ0,112.01	ψ0.1555	20	52,520	ψ1,223.20	ψ0.1373
Total Commercial (1 Ph) w/Demand		282	331,031	\$51,570.53	1,834	\$0.1558	\$0.1496	286	378,663	\$54,887.11	\$0.1449	286	392,197	\$58,235.83	\$0.1485
Commercial (3 Ph-Out - No Dmd)	EC4O	2	18,800	\$2,635.31	78	\$0.1402	\$0.1415	2		\$4,075.47	\$0.1320	2	1,400	\$226.32	\$0.1617
Total Commercial (3 Ph) No Dmd		2	18,800	\$2,635.31	78	\$0.1402	\$0.1415	2	30,880	\$4,075.47	\$0.1320	2	1,400	\$226.32	\$0.1617
	500		1 005 5 17	A000 000 45	10105	00.4540	00.1057		4 074 070	A 170 00 1 00			4 444 470	A100 700 00	00.4040
Commercial (3 Ph-In - w/Demand)	EC3	214		\$262,209.45	12165	\$0.1546		206	1,371,679	\$179,694.62		204		\$190,732.90	\$0.1348
Commercial (3 Ph-Out - w/Demand)	EC3O	37		\$56,966.14	1582	\$0.1357		37		\$50,165.48		37		\$45,317.24	\$0.1348
Commercial (3 Ph-Out - w/Dmd.&Sub-St Commercial (3 Ph-In - w/Demand, No Ta		3	95,160 1.680	\$12,496.97 \$235.69	385	\$0.1313 \$0.1403		3	121,400 1,880	\$14,925.35 \$246.39		3	128,240 1.920	\$16,205.40 \$259.83	\$0.1264 \$0.1353
	LOJI														
Total Commercial (3 Ph) w/Demand		255	2,212,168	\$331,908.25	14,137	\$0.1500	\$0.1349	247	1,881,985	\$245,031.84	\$0.1302	245	1,880,911	\$252,515.37	\$0.1343
Large Power (In - w/Dmd & Rct)	EL1	15	1,597,489	\$180,631.84	3643	\$0.1131	\$0.1095	20	1,814,927	\$198,455.18	\$0.1093	20	2,068,532	\$229,984.97	\$0.1112
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,025,490	\$110,924.41	2186	\$0.1082	\$0.1002	3	966,577	\$96,296.51	\$0.0996	3	949,906	\$96,998.93	\$0.1021
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	1	469,200	\$52,762.88	1036	\$0.1125	\$0.1093	1	367,200	\$41,884.75	\$0.1141	1	523,200	\$56,086.13	\$0.1072
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	58,800	\$6,223.37	108	\$0.1058	\$0.1557	2	116,013	\$10,980.28	\$0.0946	2	110,023	\$10,673.16	\$0.0970
Total Large Power		21	3,150,979	\$350,542.50	6,973	\$0.1112	\$0.1078	26	3,264,717	\$347,616.72	\$0.1065	26	3,651,661	\$393,743.19	\$0.1078
Industrial (In - w/Dmd & Rct, w/SbCr)	El1	1	979,077	\$99,325.81	1886	\$0.1014	\$0.0968	1	839,013	\$84,432.41	\$0.1006	1	1,048,501	\$101,993.48	\$0.0973
	EI1 EI2	1	759,385		1575	\$0.1014		1	589,615			1		\$75,744.35	
Industrial (In - w/Dmd & Rct, No/SbCr)	EIZ			\$79,525.88		\$0.1047	\$U.U901				\$0.1095			\$75,744.35	<b>Φ</b> 0.1010
Total Industrial		2	1,738,462	\$178,851.69	3,461	\$0.1029	\$0.0974	2	1,428,628	\$149,018.17	\$0.1043	2	1,798,471	\$177,737.83	\$0.0988
Interdepartmental (In - No Dmd)	ED1	9	30,783	\$4,036.98	73	\$0.1311	\$0.1308	9	63,930	\$7,771.28	\$0.1216	10	60,747	\$7,601.39	\$0.1251
Interdepartmental (Out - w/Dmd)	ED2O	2		\$58.94	0	\$0.2348	\$0.1972	2		\$57.92	\$0.2254	2		\$60.17	\$0.2271
Interdepartmental (In - w/Dmd)	ED2	29		\$9,567.47	0	\$0.1437		30		\$11,592.07		27		\$10,123.32	
Interdepartmental (3Ph-In - w/Dmd)	ED3	10		\$19,433.31	464	\$0.1322		11		\$38,870.80		11		\$35,935.72	\$0.1279
Interdepartmental (Street Lights)	EDSL	5		\$1,408.20	0	\$0.0964		7		\$5,866.74		7		\$5,859.59	\$0.0929
Interdepartmental (Traffic Signals)	EDTS	8	1,606	\$148.50	0	\$0.0925	\$0.0925	9	1,772	\$163.83	\$0.0925	9	1,800	\$166.43	\$0.0925
Generators (JV2 Power Cost Only)	GJV2	1	19,321	\$700.19	52	\$0.0362		1	30,393	\$1,009.05		1	27,905	\$375.32	
Generators (JV5 Power Cost Only)	GJV5	0	0	\$0.00	0	\$0.0000	\$0.0000	1	19,852	\$659.09	\$0.0332	1	16,182	\$217.65	\$0.0135
Total Interdepartmental		64	280,206	\$35,353.59		\$0.1262	\$0.1173	70		\$65,990.78	\$0.1133	68	523,054	\$60,339.59	\$0.1154
SUB-TOTAL CONSUMPTION & DEMAN	ND	5,870			27,948	\$0.1259	\$0.1185	5,887		\$1,510,575.94	\$0.1177	5,879		\$1,547,724.35	\$0.1192
	-							<sup>-</sup>							
Street Lights (In)	SLO	14	0	\$13.43		\$0.0000	\$0.0459	13	0	\$13.28	\$0.0000	13	0	\$13.28	\$0.0000
Street Lights (Out)	SLOO	14	0	\$1.91	0	\$0.0000		13	0			2		\$13.20	\$0.0000
Ligito (out)	0200			ψ1.91		\$0.0000	ç0.0000	2		φ1.91				ψ1.01	Ç3.0000
Total Street Light Only		16	0	\$15.34	0	\$0.0000	\$0.0519	15	0	\$15.19	\$0.0000	15	0	\$15.19	\$0.0000
TOTAL CONSUMPTION & DEMAND		5,886				\$0.1259	\$0.1185	5,902			-	5,894		\$1,547,739.54	\$0.1192
I				============	=========	-				============		======	=============		

Shallow         Solar         Main         Main       <	BILLING SUMMARY AN	ID CO																
Party - Regulary PLANE PROFILE         PARTY         <																		
Chase activ         Bits         Add         Add        Add         Add <th< th=""><th></th><th>EMBER 2</th><th>2</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>		EMBER 2	2															
Shallow         Solar         Main         Main       <			Apr-18				May-18				Jun-18				Jun-18			
Increment (protect)         (1)         (2)	Class and/or	Rate	# of	Apr-18	Apr-18	Cost / kWH	# of	May-18	May-18	Cost / kWH	# of	Jun-18	Jun-18	Cost / kWH	# of	Jun-18	Jun-18	Cost / kWH
Bakker (Parker) (Park	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
Backers (Particular)         Col         Col         Status (Particular)         Col         Col         Status (Particular)         Status (Particular) <thstatus (particular)<="" th="">         Status (Particu</thstatus>	Residential (Dom-In)	E1	3,327	1,844,873	\$230,921.77	\$0.1252	3,338	2,025,759	\$250,458.51	\$0.1236	3,335	1,635,032	\$206,075.76	\$0.1260	3,335	1,635,032	\$206,075.76	\$0.1260
Ball Dockson         SP         I         Edit Dockson         Ball	Residential (Dom-In) w/Ecosmart				\$438.16	\$0.1284			\$463.51	\$0.1269			\$413.78	\$0.1287			\$413.78	\$0.1287
Image: Constraint (from and fight	Residential (Dom-In - All Electric)		606	573,242	\$69,171.99		599	614,613	\$73,494.30	\$0.1196	609	393,792	\$48,468.41	\$0.1231	609	393,792	\$48,468.41	\$0.1231
Internet filter-Solu         OP         P	Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	464	\$59.06	\$0.1273	1	499	\$62.77	\$0.1258	1	440	\$56.08	\$0.1275	1	440	\$56.08	\$0.1275
Rescent Burster ()         EPS16         4         2.000         BUILD         81.102         1.007         BUILD         81.102         SUB10         4         LU27         BUILD	Total Residential (Domestic)		3,942	2,421,991	\$300,590.98	\$0.1241	3,946	2,644,524	\$324,479.09	\$0.1227	3,953	2,032,478	\$255,014.03	\$0.1255	3,953	2,032,478	\$255,014.03	\$0.1255
Rescent Burster ()         EPS16         4         2.000         BUILD         81.102         1.007         BUILD         81.102         SUB10         4         LU27         BUILD																		
Instant of A Benthol         BF2         S10         442.07         544.000         541.020			772				772				778				778			\$0.1317
Bill         Desc         Desc <thdesc< th="">         Desc         Desc         <thd< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>4</td><td></td><td></td><td>\$0.1393</td></thd<></thdesc<>							4								4			\$0.1393
Biodenial (Burdenial							375								376			\$0.1296
Basecond J. H. Indox wills         FEA         6         50.17         51.273         50.073         51.273         51.073        <							2								2			\$0.1287
Image: control (LP-bb - 4b Dam)         Image: control	· · · · · · · · · · · · · · · · · · ·																1 1 1 1 1 1 1	\$0.1225
Taol Resolved Runn)         1.71         1.220.70         1149.407.7         1.71         1.284.70         1.914.20         9.77         1.19         97.403         9.10.90         1.10         97.403         97.70         1.10         97.70	Residential (Rural-Out - All Electric w/Dm	ER4		9,571	\$1,229.34	\$0.1284	9	9,461	\$1,210.66	\$0.1280	9	7,732	\$1,006.25	\$0.1301	g	7,732	\$1,006.25	\$0.1301
Communical (1-Ph, 0-16 Lond)         C/2         33.31         Status																		
Commercial (1 Ph-04. No Dmi)         EC20         46         Total Commercial (1 Ph-04. No Dmi)         EC30         46         Total Commercial (1 Ph-04. No Dmi)         EC31         File (1 Strates)         File (1 Strates) <th< td=""><td>Total Residential (Rural)</td><td></td><td>1,179</td><td>1,202,907</td><td>\$154,903.78</td><td>\$0.1288</td><td>1,178</td><td>1,268,478</td><td>\$161,988.29</td><td>\$0.1277</td><td>1,185</td><td>976,825</td><td>\$127,601.50</td><td>\$0.1306</td><td>1,185</td><td>976,825</td><td>\$127,601.50</td><td>\$0.1306</td></th<>	Total Residential (Rural)		1,179	1,202,907	\$154,903.78	\$0.1288	1,178	1,268,478	\$161,988.29	\$0.1277	1,185	976,825	\$127,601.50	\$0.1306	1,185	976,825	\$127,601.50	\$0.1306
Commercial (1 Ph-04. No Dmi)         EC20         46         Total Commercial (1 Ph-04. No Dmi)         EC30         46         Total Commercial (1 Ph-04. No Dmi)         EC31         File (1 Strates)         File (1 Strates) <th< td=""><td>Operation of the Device State State</td><td>500</td><td></td><td>04.012</td><td>AC 105 33</td><td>eo 15</td><td></td><td>00.400</td><td>AE 075 : :</td><td>A0.4555</td><td></td><td>01.005</td><td>A4 077 51</td><td>AA 1505</td><td></td><td>01.000</td><td>64 077 01</td><td><b>AO</b> 1505</td></th<>	Operation of the Device State	500		04.012	AC 105 33	eo 15		00.400	AE 075 : :	A0.4555		01.005	A4 077 51	AA 1505		01.000	64 077 01	<b>AO</b> 1505
Image: Contract (IP Ph) No Dml         Image:	- 1	-		1 1 1 1	1.												1.12	\$0.1589
Commercial (Phi) - wDemand)         EC1         250         285.05         61.55.05	Commercial (1 Ph-Out - No Dmd)	EC20	48	7,512	\$1,569.60	\$0.2089	48	7,657	\$1,584.22	\$0.2069	48	6,691	\$1,457.49	\$0.2178	48	6,691	\$1,457.49	\$0.2178
Commercial (Phi) - wDemand)         EC1         250         285.05         61.55.05	Total Commercial (1 Dh) No David			44.000	¢0.074.00	60.4000			e7 050 00	60.4075				60 4000			en 105 00	60 4000
Commercial (Ph-Qui - wDemand)         EC10         25         44.000         94.2204         90.1551         25         44.020         55.988.77         90.155         20         44.323         55.988.77         90.155         20         44.323         55.988.77         90.155         20         44.323         55.988.77         90.155         20         44.323         55.988         70         45.988.77         90.155         20         44.323         55.988         20         46.98         52.988         52.988         52.988         52.988         52.988         52.988         52.988         52.988         2         100         52.798         50.988         2         100         55.798         50.988         2         100         55.798         50.988         2         100         55.798         50.988         2         100         55.798         50.988         2         100         55.798         50.798	Total Commercial (1 Ph) No Dmd		121	41,828	\$6,974.93	\$0.1668	121	44,123	\$7,259.66	\$0.1645	119	38,014	\$6,435.30	\$0.1693	119	38,014	\$6,435.30	\$0.1693
Instrumental (P Ph) WDemand         Instrumental (P Ph) WDemand <t< td=""><td>- ( , ,</td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td>1 1111 11</td><td></td><td></td><td></td><td>1 1 1 1 1</td><td></td><td></td><td></td><td>1 12 2</td><td>\$0.1527</td></t<>	- ( , ,	-							1 1111 11				1 1 1 1 1				1 12 2	\$0.1527
Teal Commercial (PP) wDemand         284         334,149         448,886,85         94,149         284         364,419         982,168,28         564,465         286         948,768,34         948,768,34         948,768,34         90,160         270,100         567,06         90,160         567,06         90,160         567,06         90,160         567,06         90,160         567,06         90,160         567,06         90,160         567,06         90,160         567,06         90,160         567,06         90,160         567,06         90,160         567,06         90,160         567,06         90,160         567,06         90,160         567,06         90,160         90,160         90,170         90,160         90,170	Commercial (1 Ph-Out - w/Demand)	EC10	25	46,069	\$6,223.64	\$0.1351	25	48,846	\$6,563.38	\$0.1344	25	44,323	\$5,986.77	\$0.1351	25	44,323	\$5,986.77	\$0.1351
Commercial (2 Pb-Qu <sup>-1</sup> No Dmi)         C-Cu         No																		
Instruction         Instrum	Total Commercial (1 Ph) w/Demand		284	334,104	\$49,880.58	\$0.1493	285	356,419	\$52,158.28	\$0.1463	286	324,555	\$48,788.34	\$0.1503	286	324,555	\$48,788.34	\$0.1503
Teal Commercial (3 Ph) to Ord         2         80         94.65         9.2         100         957.66         92.356         2         100         957.66         92.356         2         100         957.66         92.356         2         100         957.66         92.350         517.857.10         50.330         517.857.10         50.330         517.857.10         50.330         517.857.10         50.330         517.857.10         50.330         517.857.10         50.337.30         517.857.10         50.337.30         517.857.10         50.337.30         517.857.10         50.337.30         517.857.10         50.337.30         517.857.10         50.337.30         517.857.10         50.337.30         517.857.10         50.337.30         517.857.10         50.337.30         517.857.20         50.137         517.857.10         50.337.30         517.857.10         50.137         517.857.10         50.137         517.857.10         50.137         517.857.10         50.137         517.857.10         50.137         517.857.10         50.137         517.857.10         50.137         517.857.10         50.137         517.857.10         50.137         50.137         50.137         50.137         50.137         50.137         50.137         50.137         50.137         50.137         50.137	Commercial (3 Ph-Out - No Dmd)	EC4O	2	80	\$46.57	\$0.5821	2	160	\$57.04	\$0.3565	2	160	\$57.06	\$0.3566	2	160	\$57.06	\$0.3566
Commercial (3 H-Inia - wDomand)         EG3         20         1.352.64         5177.68.71         50.133         200         1.352.76         5177.68.71         50.133         200         1.352.76         5177.68.71         50.133         200         1.352.76         5177.68.71         50.133         200         1.352.76         5177.68.71         50.133         201         5177.68.71         50.133         201         5177.68.71         50.133         201         5177.68.71         50.133         201         5177.68.71         50.133         201         5177.68.71         50.133         201         5177.68.71         50.133         201         5177.68.71         50.133         201         5177.68.71         50.133         201         5177.68.71         50.133         201         5177.68.71         50.133         201         5177.68.71         50.133         201         5177.68.71         50.133         200         5177.68.71         50.133         200         5177.68.71         50.133         200         5177.68.71         50.135         201         5177.68.71         50.135         201         50.135         201         50.135         201         50.135         201         50.135         201         50.135         201.751         50.135         201.751																		
Commercial (3 Ph. OutWDmanned) E (250) 37 202.03 940,77.61: 90.128 37 291.800 (5 13,72.20 50.128	Total Commercial (3 Ph) No Dmd		2	80	\$46.57	\$0.5821	2	160	\$57.04	\$0.3565	2	160	\$57.06	\$0.3566	2	160	\$57.06	\$0.3566
Commercial (3 Ph. OutWDmanned) E (250) 37 202.03 940,77.61: 90.128 37 291.800 (5 13,72.20 50.128																		
Commercial (3Ph-Out -wDmA &Sub-St)         ESS0         3         111.400         \$13.722.62         \$0.1226         3         111.800         \$13.722.62         \$0.1226         3         111.800         \$13.722.62         \$0.1226         3         111.800         \$13.722.62         \$0.1226         3         111.800         \$13.722.62         \$0.1226         3         111.800         \$13.722.62         \$0.1226         3         111.800         \$13.722.62         \$0.1226         3         111.800         \$13.722.62         \$0.122         3         111.800         \$13.722.62         \$0.122         3         111.800         \$13.722.62         \$0.122         246         16.52.31         522.610.64         \$0.173.726.17         \$0.123         246         16.52.31         226         16.52.31         226         16.52.31         226         16.52.31         226         16.52.51         260.13         260.66         30.107         1         47.60         50.107         1         47.60         50.107         1         47.60         50.107         1         47.60         50.107         26.60         50.000         51.47.55         50.11         26.60         50.007         1         45.60         50.006         51.47.55         60.11.61         60.106													1 11 1					\$0.1330
Commercial (2 Phin - w/Demand, No Ta         EC31         1         1.400         \$221.07         \$0.137         1         1.700         \$223.187         \$0.137         1         1.700         \$223.187         \$0.137         1         1.700         \$223.187         \$0.137         1         1.700         \$223.187         \$0.137         1         1.700         \$223.187         \$0.137         1         1.700         \$223.187         \$0.137         1         1.700         \$223.187         \$0.137         1         1.700         \$223.187         \$0.137         1         1.700         \$223.187         \$0.137         1         1.700         \$223.187         \$0.133         20         1.66.500         \$223.187         \$0.137         2         2.66.500         \$218.441.15         \$0.1071         20         2.04.304         \$201.500.25         \$1.66.500         \$50.028.66         \$1.002.25         \$1.002.244         \$0.002.25         \$1.002.244         \$0.002.25         \$1.002.244         \$0.002.25         \$1.002.244         \$0.002.25         \$1.002.25         \$1.002.25         \$1.002.25         \$1.002.25         \$1.002.25         \$1.002.25         \$1.002.25         \$1.002.25         \$1.002.25         \$1.002.25         \$1.002.25         \$1.002.25         \$1.002.25         \$1.002.25 <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1.1.1.1.1.1.1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1 1 1 1 1 1</td> <td>\$0.1373</td>			-						1.1.1.1.1.1.1								1 1 1 1 1 1	\$0.1373
Instrumental (3 Phy urbane)         Image			3				3		1 11 1						3			\$0.1228
Large Power (In - wDmd & Rct, wShCr)         EL2         3         209,0333         50,0993         3         1,045,523         50,1071         20         2,043,094         5218,841,153         50,1071         20         2,043,094         5218,841,153         50,1071         20         2,043,094         5218,841,153         50,0072         20         2,043,094         5218,841,153         50,0072         50 </td <td>Commercial (3 Ph-In - w/Demand, No Ta</td> <td>EC3T</td> <td>1</td> <td>1,840</td> <td>\$244.53</td> <td>\$0.1329</td> <td>1</td> <td>1,560</td> <td>\$211.67</td> <td>\$0.1357</td> <td>1</td> <td>1,760</td> <td>\$231.87</td> <td>\$0.1317</td> <td>1</td> <td>1,760</td> <td>\$231.87</td> <td>\$0.1317</td>	Commercial (3 Ph-In - w/Demand, No Ta	EC3T	1	1,840	\$244.53	\$0.1329	1	1,560	\$211.67	\$0.1357	1	1,760	\$231.87	\$0.1317	1	1,760	\$231.87	\$0.1317
Large Power (in- wDmd & Rct, wSbCr)         EL2         3         998,847         \$98,304.33         \$0.0993         3         1.049,105         \$10,90,022         \$101,982.44         \$0.0982         3         1.039,022         \$101,982.44         \$0.0982         \$101,982.44         \$0.0982         \$101,982.44         \$0.0098         \$0.1076         \$10,980.22         \$101,982.44         \$0.0982         \$0.1076         \$10,980.22         \$101,982.44         \$0.0098         \$0.1076         \$10,980.22         \$101,982.44         \$0.0098         \$0.1076         \$10,980.22         \$101,982.44         \$0.0098         \$0.1076         \$10,980.22         \$101,982.44         \$0.0098         \$0.1076         \$10,980.22         \$101,982.44         \$0.0098         \$0.0176         \$10,980.22         \$101,982.44         \$0.0098         \$10,980.22<	Total Commercial (3 Ph) w/Demand		246	1,773,327	\$232,423.80	\$0.1311	247	1,666,058	\$220,057.18	\$0.1321	249	1,692,931	\$225,100.84	\$0.1330	249	1,692,931	\$225,100.84	\$0.1330
Large Power (in- wDmd & Rct, wSbCr)         EL2         3         998,847         \$98,304.33         \$0.0993         3         1.049,105         \$10,90,022         \$101,982.44         \$0.0982         3         1.039,022         \$101,982.44         \$0.0982         \$101,982.44         \$0.0982         \$101,982.44         \$0.0098         \$0.1076         \$10,980.22         \$101,982.44         \$0.0982         \$0.1076         \$10,980.22         \$101,982.44         \$0.0098         \$0.1076         \$10,980.22         \$101,982.44         \$0.0098         \$0.1076         \$10,980.22         \$101,982.44         \$0.0098         \$0.1076         \$10,980.22         \$101,982.44         \$0.0098         \$0.1076         \$10,980.22         \$101,982.44         \$0.0098         \$0.0176         \$10,980.22         \$101,982.44         \$0.0098         \$10,980.22<	Large Dewar (In/Dred & Dat)		20	1 917 001	\$205 026 01	¢0 1122	20	1 062 522	¢040.044.05	¢0 1071	20	2.042.004	¢040.044.45	¢0 4074	20	2.042.004	0010 044 45	¢0 1071
Large Power (D4 - wUmd & Rct, wISbC)         EL20         1         4446.000         \$47.885.41;         \$0.1079         1         471.600         \$50.751.07;         \$0.1076         1         4465.000         \$50.028.06;         \$0.1074         1         4465.000         \$50.028.06;         \$0.1074         1         4465.000         \$50.028.06;         \$0.1074         1         4465.000         \$50.028.06;         \$0.1074         1         4465.000         \$50.028.06;         \$0.1074         1         4465.000         \$50.028.06;         \$0.1074         1         4465.000         \$50.028.06;         \$0.1074         1         4465.000         \$50.028.06;         \$0.074         1         4465.000         \$50.028.06;         \$0.074         1         4445.000         \$50.028.06;         \$0.076         1         4445.000         \$50.027.01;         \$0.0864         1         4465.000         \$50.771, \$50.05;         \$0.076         1         4465.000         \$50.078.07         \$0.076         1         4465.000         \$50.0771         \$0.0864         1         1.020.923         \$50.697.73         \$0.0964         1         1.020.923         \$50.787.071         \$0.0964         1         1.020.923         \$50.787.071         \$0.0964         1         40.550.05         \$0.077 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>20</td><td></td><td></td><td>\$0.1071</td></th<>															20			\$0.1071
Large Power (n. w/Dmd & Ret, w/ShC/)         EL3         2         96.895         \$99.570.11         \$00.088         2         90.379         311.189.72         90.790         2         96.001         \$14.415.51         \$0.2247         2         56.001         \$14.415.51         \$00.247         2         56.001         \$14.415.51         \$00.247         2         56.001         \$14.415.51         \$00.247         2         56.001         \$14.415.51         \$00.247         2         56.001         \$14.415.51         \$00.247         2         56.001         \$14.415.51         \$0.0247         2         56.001         \$14.415.51         \$0.0247         2         56.001         \$14.415.51         \$0.0247         \$0.077         \$0.098         1         10.020.323         \$66.97.71         \$0.0980         1         10.020.323         \$66.97.71         \$0.0976         \$0.0976         \$1<.1020.323         \$66.97.71         \$0.0976         \$0.126         \$11         10.020.323         \$57.57.56.97         \$0.094         2         1.856.433         \$17.57.867         \$0.0944         2         1.856.433         \$17.57.867         \$0.0944         2         1.856.433         \$17.57.867         \$0.0944         2         1.856.433         \$17.57.76.87         \$0.0944         2			3				3								3			
Colal Large Power         26         3,328,433         \$\$355,666.76         50.0981         26         3,575,955         \$377,956.29         50.0999         26         5,664,317         \$385,267.19         50.0089         26         5,664,317         \$385,267.19         50.0089         26         5,664,317         \$385,267.19         50.0089         21         10.029 023         \$96,972.13         50.0089         21         10.029 023         \$96,972.13         50.0089         21         7.752.06.94         \$0.0089         21         10.029 023         \$96,972.13         50.0084         21         1.020 023         \$96,972.13         50.0084         21         1.020 023         \$96,972.13         50.0084         21         1.853,451         375,206.94         \$0.0937         1         838,510         375,206.94         \$0.0937         1         838,510         375,206.94         \$0.0937         1         838,510         375,206.94         \$0.0937         1         838,510         375,206.94         \$0.0937         1         838,510         375,350         \$0.0147         \$0.0147         \$0.0147         \$0.0147         \$0.0147         \$0.0147         \$0.0147         \$0.0147         \$0.0147         \$0.0147         \$0.01437         \$0.01437         \$0.01437         \$0.01437			1	10.00	1 1 1 1 1 1		1	1							1			\$0.1074
Industrial (in - wDmd & Ret, wSbCr)         EI         1         1992.995         \$\$96.6817.31         \$\$0.0974         1         1.020.925         \$\$96.6817.31         \$\$0.0974         1         1.020.925         \$\$96.687.73         \$\$0.0980         1         1.020.925         \$\$96.687.73         \$\$0.0987         1         1.020.925         \$\$96.697.73         \$\$0.0987         1         1.020.925         \$\$96.697.73         \$\$0.0987         1         1.020.925         \$\$96.697.73         \$\$0.0984         \$\$0.0984         1         1.020.925         \$\$96.697.73         \$\$0.0984         \$\$0.0984         1         1.020.925         \$\$96.697.73         \$\$0.0984         2         1.855.433         \$\$175,179.67         \$\$0.0944         2         1.855.433         \$\$175,179.67         \$\$0.0944         2         1.855.433         \$\$175,179.67         \$\$0.0944         2         1.855.433         \$\$175,179.67         \$\$0.0944         2         1.855.433         \$\$175,179.67         \$\$0.0944         2         1.855.433         \$\$175,179.67         \$\$0.0944         2         1.855.433         \$\$175,179.67         \$\$0.0944         2         1.855.433         \$\$175,179.67         \$\$0.0946         2         3.755         \$\$0.0947         2         1.855.433         \$\$0.0145         \$\$0.0145         \$\$0.01	Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	2	96,895	\$9,570.11	\$0.0988	2	90,319	\$16,168.72	\$0.1790	2	56,601	\$14,415.51	\$0.2547	2	56,601	\$14,415.51	\$0.2547
Industrial (n - wDmd & Ret, NorSbCr)       EI2       1       736,520       \$72,152.25       \$0.0900       1       786,160       \$74,992.99       \$0.0954       1       834,510       \$78,206.94       \$0.0937       1       834,510       \$78,206.94       \$0.0937       1       834,510       \$78,206.94       \$0.0937       1       834,510       \$78,206.94       \$0.0937       1       834,510       \$78,206.94       \$0.0937       1       834,510       \$78,206.94       \$0.0937       1       834,510       \$78,206.94       \$0.0937       1       834,510       \$78,206.94       \$0.0937       1       834,510       \$78,206.94       \$0.0937       1       834,510       \$78,206.94       \$0.0937       1       834,510       \$78,206.94       \$0.0937       1       834,510       \$78,206.94       \$0.0937       1       834,510       \$78,206.94       \$0.0937       1       834,510       \$78,206.94       \$0.0937       1       80.0937       1       80.0933       \$10       \$0.0933       \$10       \$0.0933       \$10       \$0.0933       \$10       \$0.0933       \$10       \$0.0933       \$10       \$0.0933       \$10       \$0.0933       \$10       \$0.0933       \$10       \$0.0933       \$10       \$0.0937       \$0.0937       <	Total Large Power		26	3,328,433	\$359,696.76	\$0.1081	26	3,570,595	\$377,956.29	\$0.1059	26	3,604,317	\$385,267.19	\$0.1069	26	3,604,317	\$385,267.19	\$0.1069
Industrial (n - wDmd & Ret, NorSbCr)       EI2       1       736,520       \$72,152.25       \$0.0900       1       786,160       \$74,992.99       \$0.0954       1       834,510       \$78,206.94       \$0.0937       1       834,510       \$78,206.94       \$0.0937       1       834,510       \$78,206.94       \$0.0937       1       834,510       \$78,206.94       \$0.0937       1       834,510       \$78,206.94       \$0.0937       1       834,510       \$78,206.94       \$0.0937       1       834,510       \$78,206.94       \$0.0937       1       834,510       \$78,206.94       \$0.0937       1       834,510       \$78,206.94       \$0.0937       1       834,510       \$78,206.94       \$0.0937       1       834,510       \$78,206.94       \$0.0937       1       834,510       \$78,206.94       \$0.0937       1       834,510       \$78,206.94       \$0.0937       1       834,510       \$78,206.94       \$0.0937       1       80.0937       1       80.0933       \$10       \$0.0933       \$10       \$0.0933       \$10       \$0.0933       \$10       \$0.0933       \$10       \$0.0933       \$10       \$0.0933       \$10       \$0.0933       \$10       \$0.0933       \$10       \$0.0933       \$10       \$0.0937       \$0.0937       <	Industrial (In. w/Drad & Dat. w/ShCr)	<b>E14</b>	1	002.005	¢06 691 73	£0.0074	1	1 108 376	¢102 727 01	¢0.0036	1	1 020 022	¢06 070 70	¢0.0050	1	1 000 000	¢06 070 72	¢0.0050
Interdepartmental         Image: Marcol			1				1				1				1			\$0.0950 \$0.0937
Total Industrial         2         1,729,515         \$168,833,88         \$0.0976         2         1,894,536         \$178,720,00         \$0.0943         2         1,855,433         \$175,179,67         \$0.0944         2         1,855,433         \$175,179,67         \$0.0944         2         1,855,433         \$175,179,67         \$0.0944         2         1,855,433         \$175,179,67         \$0.0944         2         1,855,433         \$175,179,67         \$0.0944         2         1,855,433         \$175,179,67         \$0.0944         2         1,855,433         \$175,179,67         \$0.0944         2         1,855,433         \$175,179,67         \$0.0944         2         1,855,433         \$175,179,67         \$0.0944         2         1,855,433         \$175,179,67         \$0.0944         2         1,855,433         \$175,179,67         \$0.0944         2         1,855,433         \$175,179,67         \$0.0944         2         1,855,433         \$175,179,67         \$0.0943         2         1,855,433         \$175,179,67         \$0.0944         2         1,855,433         \$175,179,67         \$0.0943         2         1,856,433         \$175,179,67         \$0.0943         2         1,856,433         \$175,179,67         \$0.0943         2         1,856,853         \$0.0133         \$175,179,67		EIZ		1 30,520	φιΖ, ΙΟΖ.ΖΟ	\$U.U96U		100,100	φ14,992.99	<sub>ອ</sub> ບ.ບອວ4		034,310	φιο,200.94	φU.U937		004,010	φι 0,200.94	φU.U937
Interdepartmental (Out - wOmd)         ED20         2         249         \$57.061         \$0.2292         2         383         \$74.54         \$0.1946         2         375         \$73.51         \$0.0960         2         375         \$73.51         \$0.1960         2         375         \$73.51         \$0.1960         2         375         \$73.51         \$0.1960         2         375         \$73.51         \$0.1960         2         375         \$73.51         \$0.1960         2         375         \$73.51         \$0.090         12         24.355         \$3.855.19         \$0.1437         27         26.820         \$3.855.19         \$0.1437         27         26.820         \$3.855.19         \$0.1437         27         26.820         \$3.855.19         \$0.1437         27         26.820         \$3.855.19         \$0.1437         \$2.865.21         \$0.1437         \$2.865.22         \$0.0927         7         63.071         \$5.865.78         \$0.0925         9         1.458         \$13.483         \$0.0927         7         63.071         \$5.865.25         \$0.0925         9         1.458         \$13.483         \$0.0927         7         63.071         \$5.865.25         \$0.0925         9         1.458         \$1.346.92         \$0.0338         1 <td>Total Industrial</td> <td></td> <td></td> <td>1,729,515</td> <td>\$168,833.98</td> <td>\$0.0976</td> <td>2</td> <td>1,894,536</td> <td>\$178,720.00</td> <td>\$0.0943</td> <td>2</td> <td>1,855,433</td> <td>\$175,179.67</td> <td>\$0.0944</td> <td>2</td> <td>1,855,433</td> <td>\$175,179.67</td> <td>\$0.0944</td>	Total Industrial			1,729,515	\$168,833.98	\$0.0976	2	1,894,536	\$178,720.00	\$0.0943	2	1,855,433	\$175,179.67	\$0.0944	2	1,855,433	\$175,179.67	\$0.0944
Interdepartmental (Out - wOmd)         ED20         2         249         \$57.061         \$0.2292         2         383         \$74.54         \$0.1946         2         375         \$73.51         \$0.0960         2         375         \$73.51         \$0.1960         2         375         \$73.51         \$0.1960         2         375         \$73.51         \$0.1960         2         375         \$73.51         \$0.1960         2         375         \$73.51         \$0.1960         2         375         \$73.51         \$0.090         12         24.355         \$3.855.19         \$0.1437         27         26.820         \$3.855.19         \$0.1437         27         26.820         \$3.855.19         \$0.1437         27         26.820         \$3.855.19         \$0.1437         27         26.820         \$3.855.19         \$0.1437         \$2.865.21         \$0.1437         \$2.865.22         \$0.0927         7         63.071         \$5.865.78         \$0.0925         9         1.458         \$13.483         \$0.0927         7         63.071         \$5.865.25         \$0.0925         9         1.458         \$13.483         \$0.0927         7         63.071         \$5.865.25         \$0.0925         9         1.458         \$1.346.92         \$0.0338         1 <td>Interdeportmental (In No Dord)</td> <td>ED4</td> <td>0</td> <td>40.000</td> <td>¢e 0e0 77</td> <td>¢0.4000</td> <td>_</td> <td>47.000</td> <td>¢E 070 07</td> <td>¢0.4040</td> <td>4.4</td> <td>20.000</td> <td>¢4.004.40</td> <td>¢0.4040</td> <td></td> <td>20.000</td> <td>¢4.004.40</td> <td>¢0.4040</td>	Interdeportmental (In No Dord)	ED4	0	40.000	¢e 0e0 77	¢0.4000	_	47.000	¢E 070 07	¢0.4040	4.4	20.000	¢4.004.40	¢0.4040		20.000	¢4.004.40	¢0.4040
Interdepartmental (in - w/Dmd)         ED2         27         52,880         \$7,304.00;         \$0.1381         27         55,096         \$7,563.78         \$0.1373         27         26,820         \$3,855.19;         \$0.1437         27         26,820         \$3,855.19;         \$0.1437         27         26,820         \$3,855.19;         \$0.1437         27         26,820         \$3,855.19;         \$0.1437         27         26,820         \$3,855.19;         \$0.1437         27         26,820         \$3,855.19;         \$0.1437         27         26,820         \$3,855.19;         \$0.1437         27         26,820         \$1,433         \$22,052.21;         \$0.1437         27         26,820         \$1,438         \$0.092         7         63,071         \$5,866.55         \$0.0246         \$1,458         \$13,483         \$0.0925         9         1,458         \$13,483         \$0.0925         9         1,458         \$13,483         \$0.0925         9         1,458         \$13,483         \$0.0925         9         1,458         \$13,483         \$0.0926         1         1,458         \$13,483         \$0.0925         9         1,458         \$13,483         \$0.0926         1         1,458         \$1,458         \$1,478         \$0.2265         1         2,430																		\$0.1343 \$0.1960
Interdepartmental (3P+In - w/Dmd)       ED3       11       247,163       \$31,549,711       \$0.1276       11       235,246       \$29,667.69       \$0.1261       11       214,351       \$28,052.21       \$0.1309       11       214,351       \$28,052.21       \$0.1309       11       214,351       \$28,052.21       \$0.1309       11       214,351       \$28,052.21       \$0.1309       11       214,351       \$28,052.21       \$0.1309       11       214,351       \$28,052.21       \$0.1309       11       214,351       \$28,052.21       \$0.1309       11       214,351       \$28,052.21       \$0.1309       11       214,351       \$28,052.21       \$0.1309       11       214,351       \$28,052.21       \$0.1309       11       214,351       \$28,052.21       \$0.1309       11       214,351       \$28,052.21       \$0.1155       \$0.2161       11       214,351       \$28,052.21       \$0.0309       11       214,351       \$28,052.21       \$0.0308       11       214,351       \$28,052.21       \$0.0308       11       214,351       \$28,052.21       \$0.0338       11       214,351       \$28,052.21       \$0.0338       11       214,351       \$28,052.21       \$0.0338       11       214,351       \$28,052.21       \$0.0338       11       214,351																		\$0.1960
Interdepartmental (Street Lights)         EDSL         7         63,071         \$5,865.66         \$0.0928         7         63,071         \$5,867.78         \$0.0930         7         63,071         \$5,846.52         \$0.0927         7         63,071         \$5,846.52         \$0.0927         7         63,071         \$5,846.52         \$0.0927         7         63,071         \$5,846.52         \$0.0927         9         1,458         \$134.83         \$0.0926         9         1,458         \$134.83         \$0.0926         9         1,458         \$134.83         \$0.0926         9         1,458         \$134.86         \$2         \$0.038         1         19,731         \$666.32         \$0.038         1         19,731         \$666.468         \$43,199.44         \$0.0126         1         12,430         \$419.76         \$0.038         1         12,430         \$419.76         \$0.038         1         12,430         \$419.76         \$0.038         1         12,430         \$419.76         \$0.038         1         12,430         \$419.76         \$0.038         1         12,430         \$419.76         \$0.038         1         12,430         \$419.76         \$0.038         1         12,430         \$419.76         \$0.038         1         12,430																		
Interdepartmental (Traffic Signals)         EDTS         9         1,574         \$145.53         \$0.0925         9         1,458         \$134.83         \$0.0925         9         1,458         \$134.83         \$0.0925         9         1,458         \$134.83         \$0.0925         9         1,458         \$134.83         \$0.0925         9         1,458         \$134.83         \$0.0925         9         1,458         \$134.83         \$0.0925         9         1,458         \$134.83         \$0.0925         9         1,458         \$134.83         \$0.0925         9         1,458         \$134.83         \$0.0925         9         1,458         \$134.83         \$0.0925         9         1,458         \$134.83         \$0.0925         9         1,458         \$134.83         \$0.0266         1         19,731         \$666.32         \$0.0338         1         19,731         \$666.32         \$0.0266         1         12,430         \$419.76         \$0.038         1         12,430         \$419.76         \$0.0265         1         12,430         \$419.76         \$0.0266         1         12,430         \$419.76         \$0.0266         1         12,430         \$419.76         \$0.0266         1         12,430         \$0.0388         1         12,830			1															\$0.1309 \$0.0927
Generators (JV2 Power Cost Only)       GJV2       1       22,929       \$567,95       \$0.0248       1       23,658       \$0.0256       1       19,731       \$666.32       \$0.038       1       19,731       \$666.32       \$0.038       1       19,731       \$666.32       \$0.038       1       19,731       \$666.32       \$0.038       1       19,731       \$666.32       \$0.038       1       19,731       \$666.32       \$0.038       1       19,731       \$666.32       \$0.038       1       19,731       \$666.32       \$0.038       1       19,731       \$666.32       \$0.038       1       19,731       \$666.32       \$0.038       1       19,731       \$666.32       \$0.038       1       19,731       \$666.32       \$0.038       1       19,731       \$666.32       \$0.038       1       19,731       \$666.32       \$0.038       1       12,430       \$419,76       \$0.038       1       12,430       \$419,76       \$0.038       1       12,430       \$419,76       \$0.0176       \$0.0176       \$0.0176       \$0.0176       \$0.0176       \$0.0176       \$0.0176       \$0.0176       \$0.0176       \$0.0176       \$1,372,980.83       \$0.0155       \$0.811       10,893,182       \$1,266,553.37       \$0.0163       \$0.0163																		
Generators (JV5 Power Cost Only)       GJV5       1       14,121       \$349.78       \$0.0248       1       15,046       \$399.17       \$0.0265       1       12,430       \$419.76       \$0.0338       1       12,430       \$419.76       \$0.0338       1       12,430       \$419.76       \$0.0338       1       12,430       \$419.76       \$0.0338       1       12,430       \$419.76       \$0.0338       1       12,430       \$419.76       \$0.0338       1       12,430       \$419.76       \$0.0338       1       12,430       \$419.76       \$0.0338       1       12,430       \$419.76       \$0.0338       1       12,430       \$419.76       \$0.0338       1       12,430       \$419.76       \$0.0338       1       12,430       \$419.76       \$0.0338       1       12,430       \$419.76       \$0.0338       1       12,430       \$419.76       \$0.0338       1       12,430       \$419.76       \$0.0338       1       12,430       \$419.76       \$0.0338       \$0.1156       \$69       343,109.44       \$0.0176       \$0.0076       \$0.01176       \$0.01176       \$0.01176       \$0.01176       \$0.01176       \$0.01176       \$1.342,93.030       \$0.01156       \$0.01176       \$0.01176       \$0.01176       \$0.0076       \$1.02,93.00			1				1	1,000							•	1,100		
Total Interdepartmental			1				1								1			
SUB-TOTAL CONSUMPTION & DEMAND         5,869         11,283,158         \$1,325,250.84         \$0.1175         5,874         11,886,976         \$1,372,980.83         \$0.1155         5,891         10,893,182         \$1,266,553.37         \$0.1163         5,891         10,893,182         \$1,266,553.37         \$0.1163         5,891         10,893,182         \$1,266,553.37         \$0.1163         5,891         10,893,182         \$1,266,553.37         \$0.1163         5,891         10,893,182         \$1,266,553.37         \$0.1163         5,891         10,893,182         \$1,266,553.37         \$0.1163         5,891         10,893,182         \$1,266,553.37         \$0.1163         5,891         10,893,182         \$1,266,553.37         \$0.1163         5,891         10,893,182         \$1,266,553.37         \$0.1163         \$0.9000         14         0         \$13.44         \$0.0000         14         0         \$13.44         \$0.0000         14         0         \$13.44         \$0.0000         14         0         \$13.44         \$0.0000         14         0         \$13.44         \$0.0000         14         0         \$13.44         \$0.0000         14         0         \$13.44         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000 <td></td> <td>2010</td> <td></td>		2010																
Image: second				+00,973	401,099.46 	φU.1131		442,U03	#50,305.00 	φ <b>U.1138</b>			ə+ə,109.44	φU.11/U				
Street Lights (In)         SLO         13         0         \$13.28         \$0.0000         14         3,877         \$30.60         \$0.0079         14         0         \$13.44         \$0.0000         14         0         \$13.44         \$0.0000         14         0         \$13.44         \$0.0000         14         0         \$13.44         \$0.0000         14         0         \$13.44         \$0.0000         14         0         \$13.44         \$0.0000         14         0         \$13.44         \$0.0000         14         0         \$13.44         \$0.0000         14         0         \$13.44         \$0.0000         14         0         \$13.44         \$0.0000         14         0         \$13.44         \$0.0000         14         0         \$13.44         \$0.0000         14         0         \$13.44         \$0.0000         14         0         \$13.44         \$0.0000         14         0         \$13.44         \$0.0000         14         0         \$1.92         \$0.0000         15         \$0.0000         14         0         \$1.92         \$0.0000         16         3.877         \$32.51         \$0.0084         16         0         \$1.53         \$0.0000         16         \$3.877         \$32.51	SUB-TOTAL CONSUMPTION & DEMAN	1D	5,869	11,283,158	\$1,325,250.84	\$0.1175			\$1,372,980.83	\$0.1155	5,891	10,893,182	\$1,266,553.37	\$0.1163	5,891	10,893,182	\$1,266,553.37	\$0.1163
Street Lights (Out)         SLOO         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.000         10         \$1.92         \$0.000         10         \$1.92         \$0.000         10         \$1.92         \$0.000         10         \$0.000         10         \$1.92         \$0.000         10         \$0.155         \$0.000         10         \$0.155         \$0.000         10         \$0.1163         \$0.000 <td></td> <td></td> <td>=:</td> <td></td> <td>============</td> <td></td> <td></td> <td>========</td> <td></td> <td></td> <td></td> <td>========</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			=:		============			========				========						
Street Lights (Out)         SLOO         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.0000         2         0         \$1.92         \$0.000         10         \$1.92         \$0.000         10         \$1.92         \$0.000         10         \$1.92         \$0.000         10         \$0.000         10         \$1.92         \$0.000         10         \$0.155         \$0.000         10         \$0.155         \$0.000         10         \$0.1163         \$0.000 <td></td>																		
Total Street Light Only         15         0         \$15.20         \$0.0000         16         3.877         \$32.51         \$0.0084         16         0         \$15.36         \$0.0000         \$0.0000         16         3.877         \$32.51         \$0.0084         16         0         \$15.36         \$0.0000         \$0.0000         16         3.877         \$32.51         \$0.0084         16         0         \$15.36         \$0.0000         \$0.0		SLO	13	0	\$13.28	\$0.0000	14	3,877	\$30.60	\$0.0079	14	0	\$13.44	\$0.0000	14	0	\$13.44	\$0.0000
Total Street Light Only         15         0         \$15.20         \$0.0000         16         3,877         \$32.51         \$0.0084         16         0         \$15.36         \$0.0000         16         0         \$15	Street Lights (Out)	SLOO	2	0	\$1.92	\$0.0000	2	0	\$1.91	\$0.0000	2	0	\$1.92	\$0.0000	2	0	\$1.92	\$0.0000
TOTAL CONSUMPTION & DEMAND         5,884         11,283,158         \$1,325,266.04         \$0.1175         5,890         11,890,853         \$1,373,013.34         \$0.1155         5,907         10,893,182         \$1,266,568.73         \$0.1163         5,907         10,893,182         \$1,266,568.73         \$0.1163         \$	Total Street Light Cuby					60.0000			*00 = f	60.0001				¢0.0000				¢0.0000
	I otal Street Light Only			0	\$15.20	\$0.0000	16	3,877	\$32.51	\$0.0084	16	0	\$15.36	\$0.0000		0	\$15.36	\$0.0000
	TOTAL CONSUMPTION & DEMAND		5,884	11,283,158	\$1,325,266.04	\$0.1175	5,890	11,890,853	\$1,373,013.34	\$0.1155	5,907	10,893,182	\$1,266,568.73	\$0.1163	5,907	10,893,182	\$1,266,568.73	\$0.1163
			======													=================		

BILLING SUMMARY AN	VD CO																		
FEBRUARY, 2019																			
2019 - FEBRUARY BILLING WITH DEC	CEMBER 2																		
		Jul-18				Aug-18				Sep-18				Oct-18				Dec-18	
Class and/or	Rate	# of	Jul-18	Jul-18	Cost / kWH	# of	Aug-18	Aug-18	Cost / kWH	# of	Sep-18	Sep-18	Cost / kWH	# of	Oct-18	Oct-18	Cost / kWH	# of	Dec-18
<u>Schedule</u>	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	Bills	(kWh Usage)
Residential (Dom-In)	E1	3,338	2,295,429	\$295,529.06	\$0.1287	3,341	3,151,485	\$400,929.74	\$0.1272	3,350	3,081,597	\$381,317.28	\$0.1237	3,337	3,092,403	\$370,556.00	\$0.1198	3,338	1,889,216
Residential (Dom-In) w/Ecosmart	E1E	8	4,978	\$645.47	\$0.1297	8	6,640	\$850.61	\$0.1281	8	6,146	\$768.44	\$0.1250	8	6,413	\$774.97	\$0.1208	8	3,498
Residential (Dom-In - All Electric)	E2	611	391,996	\$50,714.07	\$0.1294	606	481,142	\$61,772.51	\$0.1284	612	480,532	\$59,991.48	\$0.1248	606	477,141	\$57,716.13	\$0.1210	607	462,715
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	574	\$74.89	\$0.1305	1	809	\$103.78	\$0.1283	1	944	\$116.65	\$0.1236	1	882	\$105.98	\$0.1202	1	488
Total Residential (Domestic)		3,958	2,692,977	\$346,963.49	\$0.1288	3,956	3,640,076	\$463,656.64	\$0.1274	3,971	3,569,219	\$442,193.85	\$0.1239	3,952	3,576,839	\$429,153.08	\$0.1200	3,954	2,355,917
Residential (Rural-Out)	ER1	781	750,836	\$101,456.97	\$0.1351	787	895,059	\$120,261.79	\$0.1344	785	891,997	\$116,624.29	\$0.1307	783	876,121	\$111,314.51	\$0.1271	777	708,091
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,824	\$392.21	\$0.1389	4	3,437	\$471.60	\$0.1372	4	3,606	\$479.65	\$0.1330	4	3,496	\$452.74	\$0.1295	4	2,889
Residential (Rural-Out - All Electric)	ER2	375	401,084	\$53,774.49	\$0.1341	373	463,633	\$61,942.20	\$0.1336	373	461,395	\$59,978.41	\$0.1300	372	450,295	\$56,878.39	\$0.1263	372	423,283
Res. (Rural-Out - All Electric) w/Ecosmar		2	2,000	\$269.44	\$0.1347	2	2,196	\$295.76	\$0.1347	2	2,179	\$285.67	\$0,1311	2		\$253.52		2	2,084
Residential (Rural-Out w/Dmd)	ER3	16	26,514	\$3,461.34	\$0.1305	16	16,508	\$2,231.69	\$0.1352	16	1 1	\$2,912.12	\$0.1289	16	1.1.1	\$2,340.33		16	74,328
Residential (Rural-Out - All Electric w/Dm		9	8,050	\$1,094.00	\$0.1359	9	9,150	\$1,238.53	\$0.1354	9	9,780	\$1,281.92	\$0.1311	9	8,778	\$1,125.87	÷	9	26,753
			0,000	\$1,001.00			0,100	\$1,200.00	\$0.100 l		0,700	¢1,201.02	<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>		0,110	¢1,120.01	¢0.1200		20,100
Total Residential (Rural)		1.187	1,191,308	\$160,448.45	\$0.1347	1,191	1,389,983	\$186,441.57	\$0.1341	1,189	1,391,549	\$181,562.06	\$0.1305	1,186	1,359,150	\$172,365.36	\$0.1268	1,180	1,237,428
rotar tesidential (ttural)	<u> </u>	1,107	1,131,300	\$100,440.45	ψ0.13 <i>41</i>	1,131	1,505,505	\$100, <del>44</del> 1.57	ψ0.13 <del>4</del> 1	1,103	1,551,545	\$101,302.00	ψ0.1505	1,100	1,555,150	ψ172,303.30	<i>\$</i> 0.1200	1,100	1,237,420
Commorpial (1 Ph In No Durd)	ECO	70	04 700	\$5.661.85	¢0.4600	70	25 207	¢F 770 50	¢0.4600	70	20 745	\$6.108.85	¢0 4577	74	20.000	¢E 000 45	CO 4544	70	04 050
Commercial (1 Ph-In - No Dmd)	EC2	73	34,703	1.11.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	\$0.1632	73	35,297	\$5,773.50	\$0.1636	73		1.1.1.1.1.1.1.1	\$0.1577	74		\$5,982.15		72	31,350
Commercial (1 Ph-Out - No Dmd)	EC2O	48	7,605	\$1,625.00	\$0.2137	48	7,870	\$1,668.23	\$0.2120	48	7,906	\$1,644.36	\$0.2080	48	7,432	\$1,551.72	\$0.2088	48	11,512
Total Communication (CDI ) No. 1	<u> </u>				60 1 <b>7</b> 55				60 1TC -				60.105-						
Total Commercial (1 Ph) No Dmd		121	42,308	\$7,286.85	\$0.1722	121	43,167	\$7,441.73	\$0.1724	121	46,651	\$7,753.21	\$0.1662	122	46,258	\$7,533.87	\$0.1629	120	42,862
	<u> </u>																		
Commercial (1 Ph-In - w/Demand)	EC1	260	306,074	\$48,757.18	\$0.1593	261	348,059	\$54,469.26	\$0.1565	262	398,500	\$59,217.68	\$0.1486	262		\$63,411.55		261	301,216
Commercial (1 Ph-Out - w/Demand)	EC10	25	45,411	\$6,431.09	\$0.1416	25	46,585	\$6,646.59	\$0.1427	25	52,396	\$7,170.55	\$0.1369	25	50,388	\$6,718.61	\$0.1333	26	42,048
Total Commercial (1 Ph) w/Demand		285	351,485	\$55,188.27	\$0.1570	286	394,644	\$61,115.85	\$0.1549	287	450,896	\$66,388.23	\$0.1472	287	498,678	\$70,130.16	\$0.1406	287	343,264
																	1		
Commercial (3 Ph-Out - No Dmd)	EC4O	2	80	\$47.02	\$0.5878	2	40	\$41.55	\$1.0388	2	40	\$41.40	\$1.0350	2	40	\$41.25	\$1.0313	2	3,360
· · · · · · · · · · · · · · · · · · ·																			
Total Commercial (3 Ph) No Dmd		2	80	\$47.02	\$0.5878	2	40	\$41.55	\$1.0388	2	40	\$41.40	\$1.0350	2	40	\$41.25	\$1.0313	2	3,360
	-			+												+ · · · = •			-,
Commercial (3 Ph-In - w/Demand)	EC3	208	1,451,198	\$201,102,33	\$0.1386	206	1,726,146	\$237,768.88	\$0.1377	205	1.852.442	\$246,545,64	\$0.1331	207	1.898.554	\$247,165,96	\$0,1302	207	1.489.381
Commercial (3 Ph-Out - w/Demand)	EC30	37	266,981	\$37,840.28	\$0.1417	37	280,489	\$40,004.85	\$0.1426	37		\$41,843.55	\$0.1385	37		\$39,846.47		37	478,436
Commercial (3 Ph-Out - w/Demand)		37	115,360	\$14,950.00	\$0.1417	31	123,520	\$15,953.58	\$0.1420	37	126,360	\$15,879.18	\$0.1385	37		\$14,951,02		31	93,080
Commercial (3 Ph-In - w/Demand, No Ta		1	1.840	\$378.71	\$0.1290	3	5.400	\$755.48	\$0.1292	1	8.880	\$1,126.29	\$0.1257	3	8.040	\$998.75			4.040
Commercial (3 Pri-in - W/Demand, No Ta	ECOL	1	1,040	\$370.71	\$0.2056	1	5,400	\$700.40	\$0.1399		0,000	φ1,120.29	<b>ψ</b> 0.1200	1	0,040	\$990.70		-	4,040
Total Commercial (3 Ph) w/Demand	<u> </u>	249	1,835,379	\$254,271.32	\$0.1385	247	2,135,555	\$294,482.79	\$0.1379	246	2,289,875	\$305,394.66	\$0.1334	248	2,333,402	\$302,962.20	\$0.1298	248	2,064,937
Total Commercial (3 Ph) w/Demand		249	1,035,379	\$254,271.32	\$0.1305	247	2,135,555	\$294,402.79	\$0.1379	240	2,209,075	\$305,394.00	<b>\$0.1334</b>	240	2,333,402	\$302,962.20	\$0.1290	240	2,064,937
Lanza Davias (la su/David & Dat)	EL4	00	0.045.540	\$054 000 47	¢0.4404	00	0.004.700	\$000 450 50	60.4400	00	0.450.000	¢000 400 77	¢0.4074	00	0.500.000	\$000 000 40	¢0.4040	00	0.040.000
Large Power (In - w/Dmd & Rct)	EL1	20	2,215,512	\$251,260.17	\$0.1134	20	2,304,703	\$260,458.58	\$0.1130	20		\$263,428.77	\$0.1074	20		\$266,286.49		20	2,018,869
Large Power (In - w/Dmd & Rct, w/SbCr)	) EL2	3	1,090,293	\$111,938.86	\$0.1027	3	1,044,331	\$109,898.03	\$0.1052	3	1,127,543	\$111,927.95	\$0.0993	3	1 1 2	\$107,148.68		3	1,116,708
Large Power (Out - w/Dmd & Rct, w/SbC		1	465,600	\$52,786.32	\$0.1134	1	433,200	\$51,043.08	\$0.1178	1	507,600	\$54,558.29	\$0.1075	1		\$51,626.25		1	514,800
Large Power (In - w/Dmd & Rct, w/SbCr)	) EL3	2	80,064	\$15,683.06	\$0.1959	2	80,568	\$15,820.11	\$0.1964	2	80,800	\$13,357.94	\$0.1653	2	79,122	\$14,827.66	\$0.1874	2	67,570
Total Large Power		26	3,851,469	\$431,668.41	\$0.1121	26	3,862,802	\$437,219.80	\$0.1132	26	4,168,181	\$443,272.95	\$0.1063	26	4,242,067	\$439,889.08	\$0.1037	26	3,717,947
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	1,100,078	\$109,317.34	\$0.0994	1	1,045,201	\$104,990.65	\$0.1005	1	1,140,164	\$108,239.67	\$0.0949	1	1,112,529	\$101,948.30	\$0.0916	1	1,028,639
Industrial (In - w/Dmd & Rct, No/SbCr)	El2	1	875,036	\$86,537.35	\$0.0989	1	874,860	\$86,734.40	\$0.0991	1	916,506	\$87,069.32	\$0.0950	1	920,929	\$88,265.27	\$0.0958	1	860,021
Total Industrial		2	1,975,114	\$195,854.69	\$0.0992	2	1,920,061	\$191,725.05	\$0.0999	2	2,056,670	\$195,308.99	\$0.0950	2	2,033,458	\$190,213.57	\$0.0935	2	1,888,660
	1																		
Interdepartmental (In - No Dmd)	ED1	11	40,778	\$5,716.66	\$0.1402	11	48,331	\$6,660.05	\$0.1378	10	48,027	\$6,417.77	\$0.1336	10	27,285	\$3,867.27	\$0.1417	9	30,855
Interdepartmental (Out - w/Dmd)	ED20	2	-1 -	\$102.15	\$0.1805	2	670	\$117.07	\$0.1747	2	588	\$103.55	\$0.1761	2		\$74.91		2	263
Interdepartmental (In - w/Dmd)	ED2	28	25,027	\$3,787.47	\$0.1513	30	24,525	\$3,763.69	\$0.1535	29		\$3,536.12	\$0.1499	28		\$3,091.87	÷	27	50,475
Interdepartmental (3Ph-In - w/Dmd)	ED3	11	126,536	\$17,385.49	\$0.1374	11	146,015	\$19,879.21	\$0.1361	10		\$20,179.18	\$0.1306	10		\$20,894.12		10	144,770
Interdepartmental (Street Lights)	EDSL	7	63,071	\$5,867.81	\$0.0930	7	63,071	\$5,865.70	\$0.0930	7	63,071	\$5,868.82	\$0.0931	7		\$5,866.74		5	14,659
Interdepartmental (Traffic Signals)	EDTS	9	1.710	\$158.12	\$0.0925	8	1.455	\$134.54	\$0.0925	8	1.615	\$149.33	\$0.0925	8	1.535	\$141.91		8	1,746
Generators (JV2 Power Cost Only)	GJV2	1	16,343	\$476.89	\$0.0323	1	13,628	\$354.19		1	14,354	\$311.19		1	14,090	\$382.54		1	18,406
Generators (JV5 Power Cost Only)	GJV2 GJV5	4	11,874	\$346.48	\$0.0292	1	3,327	\$86.47		1	6,673	\$144.67	\$0.0217	0	14,030	\$0.00	÷	0	10,400
Generators (3V3 Fower Cost Only)	0373		11,074	ψ040.40	ψ0.0232		5,527	φ00. <del>4</del> 7	ψ0.0200		0,075	ψ144.07	ψ0.0217	0	0	ψ0.00	φ0.0000	0	0
		70	285,905	\$33,841.07	\$0.1184	71	301,022	\$36,860.92	\$0.1225	68	312,445	\$36,710.63	\$0.1175	66	294,140	\$34,319.36	\$0.1167	62	261,174
Total Interdepartmental	1	10	200,905	φ33,041.U7	φ <b>0.116</b> 4	71	301,022	<i>\$</i> 30,000.92	φ <b>0.1225</b>	80	512,445	#30,710.63	φ0.11/5	00	294,140	\$34,319.3b	φυ.116/	62	201,174
Total Interdepartmental	+		12,226,025	\$1,485,569.57	60 404-	E 000	43 607 050	£4 670 005 00	60 400-	E 040	44 005 500	£4 670 005 00	60 44	E 001	44 204 000	\$1.646.607.93	eo 44		44.045.540
•		E 000		a1 485 569 57	\$0.1215	5,902	13,687,350	\$1,678,985.90	\$0.1227	5,912		\$1,678,625.98	\$0.1175	5,891		1 1		5,881	11,915,549
Total Interdepartmental SUB-TOTAL CONSUMPTION & DEMAN	ND	5,900																	
· · ·	ND			========		:								-	===========	==========			
SUB-TOTAL CONSUMPTION & DEMAN		=		==========															
SUB-TOTAL CONSUMPTION & DEMAN Street Lights (In)	SLO	14		\$13.43	\$0.0000	15	0	\$13.58		14	0	\$13.44		14	0	\$13.43	\$0.0000	14	0
SUB-TOTAL CONSUMPTION & DEMAN		=		==========	\$0.0000 \$0.0000					14	0				0		\$0.0000		0
SUB-TOTAL CONSUMPTION & DEMAN	SLO	14 		\$13.43 \$1.91	\$0.0000	15 2	0	\$13.58 \$1.92 	\$0.0000	2	0	\$13.44 \$1.91	\$0.0000	14 2	0	\$13.43 \$1.92	\$0.0000 \$0.0000	14 2	0
SUB-TOTAL CONSUMPTION & DEMAN	SLO	14		\$13.43			0	\$13.58			0	\$13.44	\$0.0000	14	0	\$13.43	\$0.0000 \$0.0000	14	0 0 
SUB-TOTAL CONSUMPTION & DEMAN Street Lights (In) Street Lights (Out) Total Street Light Only	SLO	14 	0 0 	\$13.43 \$1.91  \$15.34	\$0.0000	15 2	0 0  0	\$13.58 \$1.92  \$ <b>15.50</b>	\$0.0000 <b>\$0.0000</b>	2	0 0	\$13.44 \$1.91  <b>\$15.35</b>	\$0.0000 <b>\$0.0000</b>	14 2	0 0 	\$13.43 \$1.92  <b>\$15.35</b>	\$0.0000 \$0.0000 <b>\$0.0000</b>	14 2	0 0  0
SUB-TOTAL CONSUMPTION & DEMAN	SLO	14 2 	0 0  0	\$13.43 \$1.91	\$0.0000	15 2 	0 0  0	\$13.58 \$1.92 	\$0.0000 <b>\$0.0000</b>	2 16	0 0	\$13.44 \$1.91	\$0.0000 <b>\$0.0000</b>	14 2 	0 0  0	\$13.43 \$1.92  <b>\$15.35</b>	\$0.0000 \$0.0000 <b>\$0.0000</b>	14 2  16	0 0  0  11,915,549
SUB-TOTAL CONSUMPTION & DEMAN Street Lights (In) Street Lights (Out) Total Street Light Only	SLO	14 2  16  5,916	0 0 	\$13.43 \$1.91  \$15.34	\$0.0000 <b>\$0.0000</b>	15 2  17  5,919	0 0  0	\$13.58 \$1.92  \$ <b>15.50</b>	\$0.0000 \$0.0000 \$0.1227	2  16  5,928	0 0	\$13.44 \$1.91  \$15.35 	\$0.0000 \$0.0000 \$0.1175	14 2  16  5,907	0 0 	\$13.43 \$1.92  <b>\$15.35</b>	\$0.0000 \$0.0000 <b>\$0.0000</b> <b>\$0.0000</b> <b>\$0.1145</b>	14 2  16  5,897	0 0  0

BILLING SUMMARY AN	ID CO											
FEBRUARY, 2019												
2019 - FEBRUARY BILLING WITH DEC	CEMBER 2	2										
				Jan-19				TOTAL	TOTAL	Avg.Cost	Avg.Num.	Avg.Per.%
Class and/or	Rate	Dec-18	Cost / kWH	# of	Jan-19	Jan-19	Cost / kWH	KWH USEAGE	BILLING	Per kWH	of Bills	of Bills
Schedule	Code	Billed	For Month	Bills	(kWh Usage)	Billed	For Month	PRIOR 12 MO	PRIOR 12 MO	For Period	For Period	For Period
Residential (Dom-In)	E1	\$239,798.19	\$0.1269	3,329	2,091,530	\$272,665.07	\$0.1304	27,704,299	\$3,468,701.19	\$0.1252	3,337	56.5326%
Residential (Dom-In) w/Ecosmart	E1E	\$454.89	\$0.1300	8	3,404	\$459.27	\$0.1349	53,073	\$6,762.77	\$0.1274	8	0.1355%
Residential (Dom-In - All Electric)	E2	\$57,459.73	\$0.1242	608	614,990	\$77,936.27	\$0.1267	6,534,637	\$803,434.67	\$0.1230	607	10.2785%
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	\$62.77	\$0.1286	1	585	\$76.68	\$0.1311	7,183	\$909.30	\$0.1266	1	0.0169%
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Total Residential (Domestic)		\$297,775.58	\$0.1264	3,946	2,710,509	\$351,137.29	\$0.1295	34,299,192	\$4,279,807.93	\$0.1248	3,953	66.9636%
Residential (Rural-Out)	ER1	\$93,471.61	\$0.1320	774	786,974	\$106.504.33	\$0.1353	9.460.289	\$1,239,277.70	\$0.1310	777	13.1697%
Residential (Rural-Out) w/Ecosmart	ER1E	\$389.65	\$0.1349	4	3,143	\$434.51	\$0.1382	36,636	\$4,919.70		111	0.0678%
Residential (Rural-Out) w/Loosman	ER2	\$54,944.35		371	481,455	\$64,120.63	\$0.1332	5,493,302	\$709,930.35		374	6.3413%
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	\$272.23		2		\$353.13		28,725	\$3,716.04		214	0.0339%
Residential (Rural-Out - All Electric) w/Ecositian	ER2E	\$9,129.46	\$0.1300	16		\$19,780.75	\$0.1351	561,063	\$69,939.98		16	0.0339%
Residential (Rural-Out w/Dild)	ER3			9				142,226	\$18,337.08		10	
	ER4	\$3,321.60				\$2,811.78					9	0.1525%
Total Residential (Rural)		\$161,528.90	\$0.1305	1,176	1,453,087	\$194,005.13	\$0.1335	15,722,241	\$2,046,120.85	\$0.1301	1,183	20.0361%
Commercial (1 Ph-In - No Dmd)	EC2	\$5,072.66	\$0.1618	72	33,835	\$5,516.43	\$0.1630	431,808	\$68,357.06	\$0.1583	73	1.2310%
Commercial (1 Ph-In - No Drid) Commercial (1 Ph-Out - No Dmd)	EC2 EC20	\$2,120.54		50		\$2,644.10	\$0.1630	108,452	\$00,357.06 \$21,495.41		48	0.8160%
	2020	φ∠,1∠0.54	φU.1042		14,900	φ2,044.10	φυ. 1700	100,452	φ∠ 1,490.41	φU.1902	40	0.0100%
Total Commercial (1 Ph) No Dmd		\$7,193.20	\$0.1678	122	48,790	\$8,160.53	\$0.1673	540,260	\$89,852.47	\$0.1663	121	2.0470%
Commercial (1 Ph-In - w/Demand)	EC1	\$47,256.04	\$0.1569	258	287,417	\$45,278.62	\$0.1575	3,913,898	\$592,372.10	\$0.1514	261	4.4144%
Commercial (1 Ph-Out - w/Demand)	EC10	\$5,891.05	\$0.1401	24	43,614	\$6,291.91	\$0.1443	566,593	\$77,906.51	\$0.1375	25	0.4235%
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Total Commercial (1 Ph) w/Demand		\$53,147.09	\$0.1548	282	331,031	\$51,570.53	\$0.1558	4,480,491	\$670,278.61	\$0.1496	286	4.8379%
Commercial (3 Ph-Out - No Dmd)	EC4O	\$486.07	\$0.1447	2	18,800	\$2,635.31	\$0.1402	55,200	\$7,812.12	\$0.1415	2	0.0339%
Commercial (3 Ph-Out - No Dhid)	EC40		<b>Φ</b> 0.1447	2		\$2,035.31	<b>ξ</b> 0.1402		\$7,012.12	<b>ψ</b> 0.1415	2	0.0339%
Total Commercial (3 Ph) No Dmd		\$486.07	\$0.1447	2	18,800	\$2,635.31	\$0.1402	55,200	\$7,812.12	\$0.1415	2	0.0339%
Commercial (3 Ph-In - w/Demand)	EC3	\$201,812.93	\$0.1355	214	1,695,547	\$262,209.45	\$0.1546	18,171,393	\$2,465,925.90	\$0.1357	207	3.5066%
Commercial (3 Ph-Out - w/Demand)	EC3O	\$61,911.19	\$0.1294	37	419,781	\$56,966.14	\$0.1357	3,868,626	\$521,136.95	\$0.1347	37	0.6268%
Commercial (3 Ph-Out - w/Dmd.&Sub-St.	E3SO	\$11,597.88	\$0.1246	3	95,160	\$12,496.97	\$0.1313	1,378,840	\$172,587.16	\$0.1252	3	0.0508%
Commercial (3 Ph-In - w/Demand, No Ta	EC3T	\$577.48	\$0.1429	1	1,680	\$235.69	\$0.1403	40,600	\$5,498.56	\$0.1354	1	0.0169%
Total Commercial (3 Ph) w/Demand		\$275,899.48	\$0.1336	255	2,212,168	\$331,908.25	\$0.1500	23,459,459	\$3,165,148.57	\$0.1349	248	4.2012%
Large Power (In - w/Dmd & Rct)	EL1	\$221,370.58	\$0.1097	15	1,597,489	\$180,631.84	\$0.1131	24,899,951	\$2,725,737.14	\$0.1095	20	0.3317%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	\$108,755.82	\$0.0974	3	1,025,490	\$110,924.41	\$0.1082	12,528,158	\$1,254,953.55	\$0.1002	3	0.0508%
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	\$54,289.13	\$0.1055	1	469,200	\$52,762.88	\$0.1125	5,616,000	\$613,729.49	\$0.1093	1	0.0169%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	\$9,376.88	\$0.1388	2	58,800	\$6,223.37	\$0.1058	973,376	\$151,512.31	\$0.1557	2	0.0339%
Total Large Power		\$393,792.41	\$0.1059	21		\$350,542.50	\$0.1112	44,017,485	\$4,745,932.49		26	0.4334%
Total Laige Power		\$555,752.41	φ0.1055	21	3,130,373	\$330,342.30	ψ0.1112	44,017,400	ψ <del>1</del> ,145,352.43	φ0.1070	20	0.433478
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	\$99,197.67	\$0.0964	1	979,077	\$99,325.81	\$0.1014	12,436,419	\$1,203,799.53	\$0.0968	1	0.0169%
Industrial (In - w/Dmd & Rct, No/SbCr)	El2	\$83,657.45	\$0.0973	1	759,385	\$79,525.88	\$0.1047	9,738,022	\$955,678.90	\$0.0981	1	0.0169%
Total Industrial		\$182,855.12	\$0.0968	2	1,738,462	\$178,851.69	\$0.1029	22,174,441	\$2,159,478.43	\$0.0974		0.0339%
างเลา กานบริเาสา		φ102,000.12	40.0908	2	1,7 30,402	\$170,001.09	φ0.1029	22,1/4,441	φ <b>∠,139,4</b> /0.43	φ0.09/4		0.0335%
Interdepartmental (In - No Dmd)	ED1	\$4,238.59		9		\$4,036.98	\$0.1311	508,088	\$66,472.03		10	0.1680%
Interdepartmental (Out - w/Dmd)	ED2O	\$59.43		2		\$58.94	\$0.2348	4,629	\$912.76		2	0.0339%
Interdepartmental (In - w/Dmd)	ED2	\$7,088.03	\$0.1404	29	66,602	\$9,567.47	\$0.1437	530,699	\$75,128.20	\$0.1416	28	0.4743%
Interdepartmental (3Ph-In - w/Dmd)	ED3	\$18,717.77	\$0.1293	10	147,035	\$19,433.31	\$0.1322	2,395,241	\$308,617.42	\$0.1288	11	0.1807%
Interdepartmental (Street Lights)	EDSL	\$1,417.65	\$0.0967	5		\$1,408.20	\$0.0964	659,977	\$61,437.73		7	0.1129%
Interdepartmental (Traffic Signals)	EDTS	\$161.41		8		\$148.50	\$0.0925	19,412	\$1,794.88		9	0.1454%
(india)	GJV2	\$642.92		1	19,321	\$700.19	\$0.0362	240,489	\$6,759.23		1	0.0169%
				0		\$0.00		111,935	\$3,042.83		1	0.0127%
Generators (JV2 Power Cost Only) Generators (JV5 Power Cost Only)	GJV5	\$0.00	\$0.0000	-								
Generators (JV2 Power Cost Only)		\$0.00  \$32,325.80		64	280,206	\$35,353.59	\$0.1262	4,470,470	\$524,165.08	\$0.1173	68	1.1449%
Generators (JV2 Power Cost Only) Generators (JV5 Power Cost Only) Total Interdepartmental	GJV5	 \$32,325.80 	\$0.1238	64							68	
Generators (JV2 Power Cost Only) Generators (JV5 Power Cost Only)	GJV5	\$32,325.80 	\$0.1238	64  5,870	11,944,032	\$1,504,164.82			\$17,688,596.55	\$0.1185		1.1449% 99.7318%
Generators (JV2 Power Cost Only) Generators (JV5 Power Cost Only) Total Interdepartmental	GJV5	 \$32,325.80 	\$0.1238	64  5,870						\$0.1185	68	
Generators (JV2 Power Cost Only) Generators (JV5 Power Cost Only) Total Interdepartmental SUB-TOTAL CONSUMPTION & DEMAN	GJV5	\$32,325.80 \$1,405,003.65 =======	\$0.1238 \$0.1179	64  5,870	 11,944,032 	\$1,504,164.82	\$0.1259	 149,219,239 ======	\$17,688,596.55	\$0.1185	68	99.7318%
Generators (JV2 Power Cost Only) Generators (JV5 Power Cost Only) Total Interdepartmental SUB-TOTAL CONSUMPTION & DEMAN Street Lights (In)	GJV5	\$32,325.80 \$1,405,003.65 \$13.44	\$0.1238 \$0.1179 \$0.0000	64  5,870	 11,944,032 	\$1,504,164.82 ====================================	<b>\$0.1259</b> \$0.0000		\$17,688,596.55 ===================================	\$0.1185 \$0.0459	68  5,887	<b>99.7318%</b>
Generators (JV2 Power Cost Only) Generators (JV5 Power Cost Only) Total Interdepartmental SUB-TOTAL CONSUMPTION & DEMAN	GJV5 ND SLO	\$32,325.80 \$1,405,003.65 =======	\$0.1238 \$0.1179 \$0.0000	64  5,870 14	 11,944,032 ======== 0	\$1,504,164.82	<b>\$0.1259</b> \$0.0000	 149,219,239 ======	\$17,688,596.55	\$0.1185 \$0.0459	68  5,887	99.7318%
Generators (JV2 Power Cost Only) Generators (JV5 Power Cost Only) Total Interdepartmental SUB-TOTAL CONSUMPTION & DEMAN Street Lights (In)	GJV5 ND SLO	\$32,325.80 \$1,405,003.65 \$13.44	\$0.1238 \$0.1179 \$0.0000	64  5,870 14	 11,944,032 ======= 0 0 	\$1,504,164.82 ====================================	<b>\$0.1259</b> \$0.0000	 149,219,239 ======	\$17,688,596.55 ===================================	\$0.1185 \$0.0459 \$0.0000	68  5,887 14 2  16	<b>99.7318%</b>
Generators (JV2 Power Cost Only) Generators (JV5 Power Cost Only) Total Interdepartmental SUB-TOTAL CONSUMPTION & DEMAN Street Lights (In) Street Lights (Out)	GJV5 ND SLO	\$32,325.80 \$1,405,003.65 ========== \$13.44 \$1.91	\$0.1238 \$0.1179 \$0.0000 \$0.0000 \$0.0000	64  5,870 14 2		\$1,504,164.82 ====================================	\$0.1259 \$0.0000 \$0.0000 \$0.0000		\$17,688,596.55 ===================================	\$0.1185 \$0.0459 \$0.0000 \$0.0519	68  5,887  14 2 	99.7318%

	AMERICAN MUNICIPAL POWER, INC.	INVOICE NUMBER:	205813
$\Lambda \Lambda \Lambda D_{-}$	1111 Schrock Rd, Suite 100	INVOICE DATE:	1/17/2019
	COLUMBUS, OHIO 43229	DUE DATE:	2/1/2019
PUBLIC POWER PARTNERS	PHONE: (614) 540-1111	TOTAL AMOUNT DUE:	\$1,175,315.11
ТМ	FAX: (614) 540-1078	CUSTOMER NUMBER:	5020
		CUSTOMER P.O. #:	RG10046
<b>City of Napoleon</b> Gregory J. Heath, Finance Directo 255 W. Riverview Ave., P.O. Box Napoleon, Ohio 43545-0151		PLEASE WRITE INVOICE NUMBER ON REMITTANCE. MAKE CHECK PAYABLE TO AMP	

### Northern Power Pool Billing - December, 2018

MUNICIPAL PEAK:	22,610 kW
TOTAL METERED ENERGY:	12,959,517 kWh

Total Power Charges:	\$827,723.89
Transmission / Capacity / Ancillary Services:	\$337,285.52
Total Other Charges:	\$10,290.55
Total Miscellaneous Charges:	\$15.15

### **GRAND TOTAL POWER INVOICE:**

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

\$1,175,315.11

### NOTE: PLEASE SEE ENCLOSED BACKUP FOR MORE DETAILED INFORMATION

\*\*\* To avoid a delayed payment charge, payment must be made to provide available funds for use by AMP on or before the due date. Wire or ACH Transfer Information : Mailing Address : Huntington National Bank AMP, Inc. Columbus, Ohio Dept. L614 Account 0189-2204055 Columbus, Oh 43260 ABA: #044 000024

Notes:

If you have any questions regarding the detail on this invoice, please contact Mitch Gross at mgross@amppartners.org or at 614-540-0873.

### DETAIL INFORMATION OF POWER CHARGES December , 2018 Napoleon

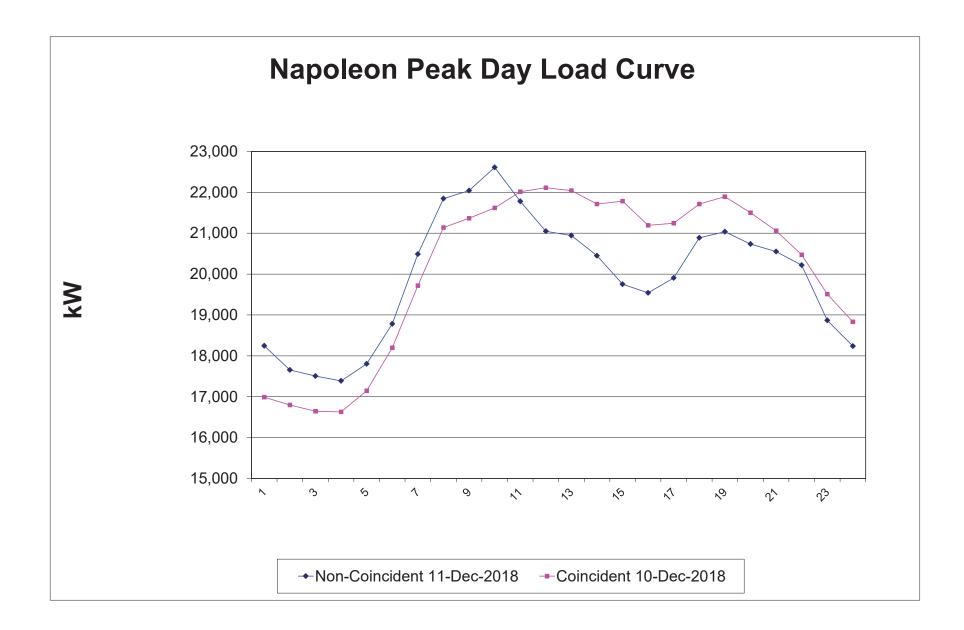
FOR THE MONTH OF:	December, 2018		Total Metered Load kWh: Transmission Losses kWh: Distribution Losses kWh:	12,959,517 -22,919 0
			Total Energy Req. kWh:	12,936,598
TIME OF FENTS PEAK: TIME OF MUNICIPAL PEAK: TRANSMISSION PEAK:	12/10/2018 @ H.E. 18:00 12/11/2018 @ H.E. 10:00 July 19, 2017 18:00		COINCIDENT PEAK kW: MUNICIPAL PEAK kW: TRANSMISSION PEAK kW: PJM Capacity Requirement kW:	21,712 22,610 29,687 29,050
Napoleon Resources				
AMP CT - Sched @ ATSI				
Demand Charge: Transmission Credit:	\$2.550000 \$3.924655	/ kW * / kW *	12,400 kW = -12,400 kW =	\$31,620.00 -\$48,665.72
Capacity Credit:	\$3.850662	/ kW *	-12,400 kW =	-\$40,005.72 -\$47,748.21
Subtotal		,	0 kWh =	-\$64,793.93
Fremont - sched @ Fremont				
Demand Charge: Energy Charge:	\$3.831268 \$0.033581	/ kW * / kWh *	8,767 kW = 4,466,712 kWh =	\$33,588.73 \$149,998.50
Net Congestion, Losses, FTR:	\$0.000483	/ kWh *	4,400,712 KW11 -	\$2,159.36
Capacity Credit:	\$4.497286	/ kW *	-8,767 kW =	-\$39,427.71
Debt Service	\$5.051645	/ kW	8,767 kW	\$44,287.77
Adjustment for prior month:				\$676.85
Subtotal AMP Hydro CSW - Sched @ PJMC			4,466,712 kWh =	\$191,283.50
Demand Charge:	\$61.020000	/ kW *	3,498 kW =	\$213,447.96
Energy Charge:	\$0.031750	/ kWh *	603,318 kWh =	\$19,155.35
Net Congestion, Losses, FTR:	\$0.003146	/ kWh *		\$1,898.04
Capacity Credit:	\$1.119391	/ kW *	-3,498 kW =	-\$3,915.63
REC Credit (Estimate) Subtotal	-\$0.001750	/ kWh	603,318 kWh 603,318 kWh =	-\$1,055.81 <b>\$229,529.91</b>
Meldahl Hydro - Sched @ Meldahl Bus			603,318 KWII -	\$229,529.91
Demand Charge:	\$34.330000	/ kW *	504 kW =	\$17,302.32
Energy Charge:	\$0.031750	/ kWh *	106,583 kWh =	\$3,384.00
Net Congestion, Losses, FTR:	\$0.002075	/ kWh *		\$221.13
Capacity Credit:	\$4.744683	/ kW *	-504 kW =	-\$2,391.32
REC Credit (Estimate) Subtotal			106,583 kWh =	-\$186.52 <b>\$18,329.61</b>
JV6 - Sched @ ATSI			100,000 RWH -	ψ10,525.01
Demand Charge:	\$5.312767	/ kW *	300 kW =	\$1,593.83
Energy Charge:			41,045 kWh	
Transmission Credit: Capacity Credit:	\$0.155833	/ kW *	-300 kW =	-\$46.75
Subtotal	\$0.331667	/ kW *	-300 kW = 41,045 kWh =	-\$99.50 <b>\$1,447.58</b>
Greenup Hydro - Sched @ Greenup Bus			-1,0+0 KM	\$1,441.00
Demand Charge:	\$6.843424	/ kW *	330 kW =	\$2,258.33
Energy Charge:	\$0.004685	/ kWh *	31,608 kWh =	\$148.09
Net Congestion, Losses, FTR: Capacity Credit:	-\$0.000123	/ kWh *	000 1111	-\$3.90
Debt Service	\$3.836848 \$19.601758	/ kW * / kW	-330 kW = 330 kW	-\$1,266.16 \$6,468.58
Board Approved Rate Levelization	ψ13.001730	/ 1. V V	550 KW	-\$5,329.60
REC Credit (Estimate)				-\$55.31
Subtotal			31,608 kWh =	\$2,220.03
Prairie State - Sched @ PJMC	¢11 504460	(1.) ( ) *	4.076 1444	¢57,640,00
Demand Charge: Energy Charge:	\$11.584168 \$0.012176	/ kW * / kWh *	4,976 kW = 3,437,190 kWh =	\$57,642.82 \$41,850.33
Net Congestion, Losses, FTR:	\$0.003021	/ kWh *	0,101,100	\$10,382.20
Capacity Credit:	\$4.048969	/ kW *	-4,976 kW =	-\$20,147.67
Debt Service	\$20.213221	/ kW	4,976 kW	\$100,580.99
Transmission from PSEC to PJM/MISO, including non-Prairie State variable charges/credits	<b>*</b> 0.000050	(1) (1)	0.407.400 100/	<b>#00 000 74</b>
Board Approved Rate Levelization	\$0.006653	/ kWh	3,437,190 kWh	\$22,868.74 -\$32,762.75
Subtotal			3,437,190 kWh =	\$180,414.66
NYPA - Sched @ NYIS				
Demand Charge:	\$7.285947	/ kW *	940 kW =	\$6,848.79
Energy Charge: Net Congestion, Losses, FTR:	\$0.011689 -\$0.000946	/ kWh * / kWh *	702,724 kWh =	\$8,214.32 -\$665.04
Capacity Credit:	\$5.011754	/ kW *	-935 kW =	-\$605.04
Adjustment for prior month:				-\$708.63
Subtotal			702,724 kWh =	\$9,003.45
JV5 - 7X24 @ ATSI		/ 1		A
Demand Charge: Energy Charge:	\$11.226671 \$0.020077	/ kW * / kWh *	3,088 kW = 2,297,472 kWh =	\$34,667.96 \$46,127.06
Transmission Credit:	\$4.663002	/ kW *	-3,088 kW =	-\$14,399.35
Capacity Credit:	\$5.009764	/ kW *	-3,088 kW =	-\$15,470.15
Debt Service	\$17.930000	/ kWh	3,088 kWh	\$55,367.84
Subtotal			2,297,472 kWh =	\$106,293.36
JV5 Losses - Sched @ ATSI Energy Charge:			33,588 kWh	
Subtotal			33,588 kWh =	\$0.00
JV2 - Sched @ ATSI				
Demand Charge:	\$2.410000	/ kW *	264 kW =	\$636.24

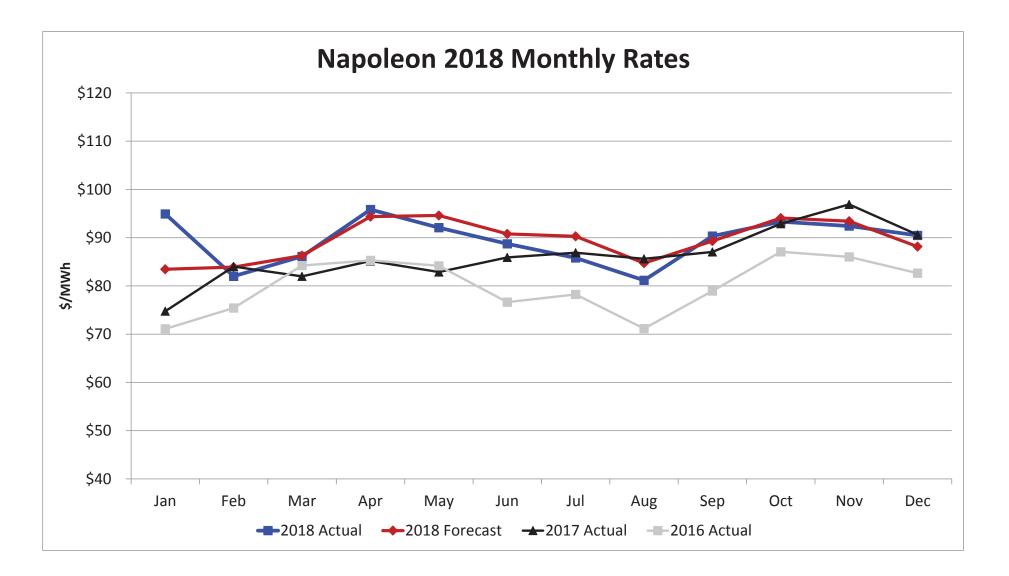
### DETAIL INFORMATION OF POWER CHARGES December , 2018 Napoleon

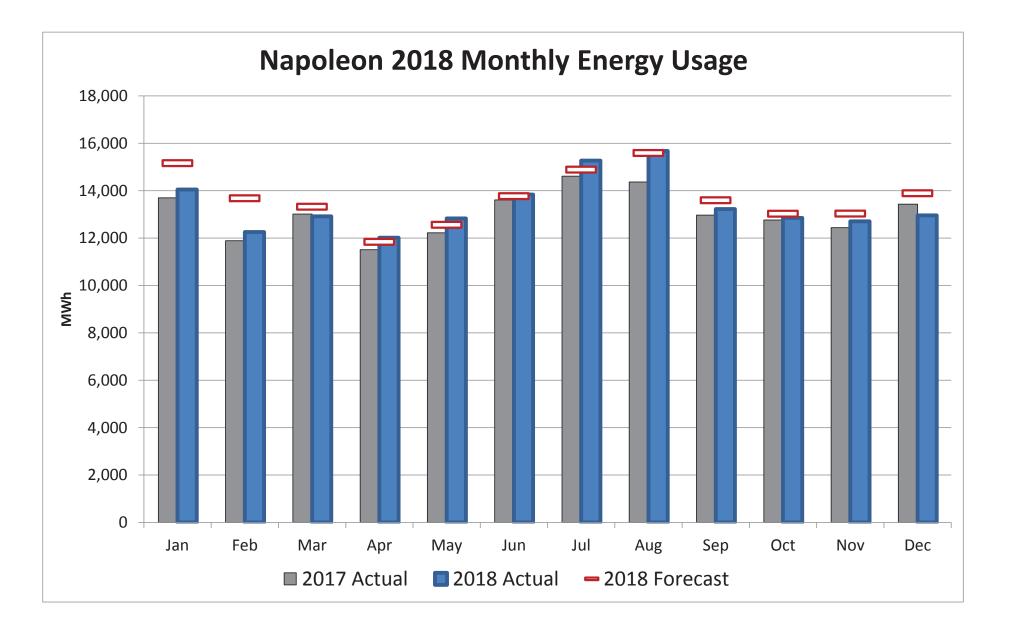
GRAND TOTAL POWER INVOICE:				\$1,175,315.1
Prior month adjustment TOTAL MISCELLANEOUS CHARGES:				\$15.1 <b>\$15.1</b>
MISCELLANEOUS CHARGES:				** <b>-</b>
TOTAL OTHER CHARGES:				\$10,290.5
Energy Purchases	\$0.000580	/kWh *	12,959,517 kWh =	\$7,516.5
ervice Fee Part B.				
Bervice Fee Part A, Based on Annual Municipal Sales	\$0.000229	/ kWh *	145,364,250 kWh 1/12 =	\$2,774.0
	\$0.001102		.0,000,120 km	<i>4007,200.</i>
TRANSMISSION / CAPACITY / ANCILLARY SERVICES:	\$0.732800 \$0.031702	/ kWh *	10,639,126 kWh =	\$195,585.
RPM (Capacity) Charges:	\$6.732800	/ kW *	29,050  kW =	\$3,209. \$195,585.
Energy Charge:	\$4.663002	/ kWh *	29,007  kWV = 10,639,126 kWh =	\$136,430. \$3,269.
RANSMISSION / CAPACITY / ANCILLARY SERVICES: Demand Charge:	\$4.663002	/ kW *	29.687 kW =	\$138,430.
Fotal Power Charges:			12,936,598 kWh	\$827,723.8
Total Energy Charges:				\$477,058.
otal Demand Charges:				\$350,665.
Subtotal	\$0.029132	/ kWh *	-1,671,622 kWh =	-\$48,697.
Pool Congestion Hedge	ψ0.000000	,	2,000,077 1000	- <del>404,402.</del> \$667.
Sale of Excess Non-Pool Resources to Pool	\$0.034061	/ kWh *	-2.085.977 kWh =	\$6,457. -\$64,462.5
Iorthern Power Pool: On Peak Energy Charge: (M-F HE 08-23 EDT) Off Peak Energy Charge:	\$0.039988 \$0.034061	/ kWh * / kWh *	166,064 kWh = 248,292 kWh =	\$6,640. \$8,457.
			U KWII -	φ10,012.
ESPP 2017-2020 obligation @ \$1.400 /MWh x 154,389.7 MWh / 12 Subtotal			0 kWh =	\$18,012. <b>\$18.012.</b>
Efficiency Smart Power Plant 2017-2020				
Subtotal			2,827,200 kWh =	\$180,772.0
Net Congestion, Losses, FTR:	\$0.000990	/ kWh *		\$2,799.8
Energy Charge:	\$0.062950	/ kWh *	2,827,200 kWh =	\$177,972.2
Demand Charge:			3,800 kW	
Morgan Stanley 2015-2020 - 7x24 @ AD			00,701 kWii -	\$3,200.2
Subtotal	\$0.067000	/ KVVII	60,761 kWh =	\$5,286.2 \$5,286.2
Demand Charge: Energy Charge:	\$0.087000	/ kWh *	1,040 kW 60.761 kWh =	<b>*</b> 5 000 0
MP Solar Phase I - Sched @ ATSI				
Subtotal			19 kWh =	-\$1,377.0
JV2 Project Fuel Costs not recovered through Energy Sales to Market				\$3.0
Capacity Credit:	\$4.264053	/ kW *	-264 kW =	-\$1.125.7
Transmission Credit:	\$3.377879	/ kW *	-264 kW =	-\$891.7

Napoleon		Capacity Plan - Actual												
Dec	2018	ACT	UAL DEMAND =		22.61	MW								
Days	31	AC	TUAL ENERGY =		12,960	мwн								
							DEMAND	ENERGY	CONGESTION/L	CAPACITY	TRANSMISSION		EFFECTIVE	%
			DEMAND	DEMAND	ENERGY	LOAD	RATE	RATE	OSSES	CREDIT RATE	CREDIT RATE	TOTAL	RATE	OF
		SOURCE	MW	MW-MO	MWH	FACTOR	\$/KW	\$/MWH	\$/MWH	\$/KW	\$/KW	CHARGES	\$/MWH	DOLLARS
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(16)	(17)	(18)
1		NYPA - Ohio	0.94	0.94	703	100%	\$7.29	\$10.68	-\$0.95	-\$4.99		\$9,003	\$12.81	0.8%
2		JV5	3.09	3.09	2,297	100%	\$29.16	\$20.08		-\$5.01	-\$4.66	\$106,293	\$46.27	9.1%
3		JV5 Losses	0.00	0.00	34	0%						\$0		0.0%
4		JV6	0.30	0.30	41	18%	\$5.31			-\$0.16	-\$0.33	\$1,448	\$35.27	0.1%
5		AMP-Hydro	3.50	3.50	603	23%	\$61.02	\$30.00	\$3.15	-\$1.12		\$229,530	\$380.45	19.6%
6		Meldahi	0.50	0.50	107	28%	\$34.33	\$30.00	\$2.07	-\$4.74		\$18,330	\$171.98	1.6%
/		Greenup AFEC	0.33 8.77	0.33 8.77	32 4,467	13% 68%	\$10.29 \$8.88	\$2.94 \$33.73	-\$0.12 \$0.48	-\$3.84 -\$4.50		\$2,220 \$191.284	\$70.24 \$42.82	0.2% 16.3%
8		AFEC Prairie State	4.98	8.77 4.98		68% 93%	\$8.88 \$25.21	\$33.73 \$18.83	\$0.48 \$3.02	-\$4.50 -\$4.05			\$42.82 \$52.49	15.4%
9		AMP Solar Phase I	4.98	4.98	3,437 61	93% 8%	\$25.2 I	\$18.83 \$87.00	\$3.UZ	-\$4.05		\$180,415 \$5,286	\$52.49 \$87.00	0.5%
10		Morgan Stanley 2015-2020 7x24	3.80	3.80	2,827	100%		\$62.95	\$0.99			\$3,280 \$180,772	\$67.00 \$63.94	15.4%
12		AMPCT	12.40	12.40	2,027	0%	\$2.55	φ02.9J	φ0.99	-\$3.85	-\$3.92	-\$64,794	\$03.54	-5.5%
13		JV2	0.26	0.26	0	0%	\$2.41	\$187.11		-\$4.26	-\$3.38	-\$1,378		-0.1%
14		NPP Pool Purchases	0.00	0.00	414	0%	<i>\</i>	\$38.08		¢ 1.20	<b>\$0.00</b>	\$15,779	\$38.08	1.3%
15		NPP Pool Sales	0.00		-2,086	0%		\$30.90				-\$64,463	\$30.90	-5.5%
		POWER TOTAL	39.91	39.91	12,937	44%	\$568,220	\$424,996	\$1.30	-\$136,225	-\$64,056	\$809,726	\$62.59	69.1%
16		Energy Efficiency			0				•			\$18,012		1.5%
17		Installed Capacity	29.05	29.05			\$6.73					\$195,585	\$15.09	16.7%
18		Transmission	29.69	29.69	10,639		\$4.66	\$0.31				\$141,701	\$10.93	12.1%
19		Service Fee B			12,960			\$0.58				\$7,517	\$0.58	0.6%
20		Dispatch Charge			12,960							\$0		0.0%
		OTHER TOTAL					\$334,016	\$28,799				\$362,815	\$28.00	30.9%
GRAND TOTAL P					12,937							\$1,172,541		
Delivered to memb	bers		22.610	22.610	12,960	77%						\$1,172,541	\$90.48	100.0%
		2010 5	DEMAND		ENERGY	L.F.						TOTAL \$	\$/MWh	Avg Temp
		2018 Forecast	24.26		13,885	77%						\$1,223,920	\$88.15	29.7
		2017 Actual	23.51 24.23		13,433	77% 77%						\$1,216,918	\$90.59 \$82.65	26.4
		2016 Actual	24.23		13,873	//%						\$1,146,528 Actual Temp	\$82.65	27.5 35.0
												лоциаг тетпр		30.0

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m         m	700	15,603	13,276	18,228	19,448	19,530	19,959	20,346	16,943	15,745	19,715	20,486	19,972	19,315	18,558	14,847	
Image: space	800	16,777	14,071	19,478	20,616	20,996	21,351	21,577	18,286	16,578	21,139	21,845	21,531	20,722	19,928	16,151	
Int         16,000         14,474         20,184         21,278         22,017         62,004         20,017         0000         16,000         14,474         120,000         16,000         14,474         120,000         16,000         14,474         120,000         16,000         14,474         120,000         16,000         17,000 </td <td>900</td> <td>17,487</td> <td>14,632</td> <td>19,526</td> <td>20,850</td> <td>21,271</td> <td>21,296</td> <td>21,569</td> <td>18,919</td> <td>17,315</td> <td>21,366</td> <td>22,042</td> <td>21,336</td> <td>21,246</td> <td>20,350</td> <td>17,001</td> <td></td>	900	17,487	14,632	19,526	20,850	21,271	21,296	21,569	18,919	17,315	21,366	22,042	21,336	21,246	20,350	17,001	
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b         10 </td <td></td>																	
1200         16,842         10,512         19,700         23,25         21,102         21,017         20,200         17,732         20,031         19,860         18,327         17,732         20,017         10,229         15,822         15,825         18,327         17,732         20,017         10,229         15,826         18,337         17,747         17,733         20,017         10,229         17,835         18,295         17,735         20,017         10,806         18,297         17,735         10,127         17,735         10,127         17,735         10,128         11,733         10,806         18,297         17,735         10,128         11,713         18,806         11,733         11,733         11,733         11,733         11,713         11,834         11,733         11,713         12,820,11         11,713         11,834         11,733         11,713         12,820,11         11,713         11,834         11,324 <th11,324< th="">         11,324         <th11,324< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th11,324<></th11,324<>																	
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Sunday         15,262         15,264         17,249         17,149         17,146         17,146         17,146         18,239         17,141         17,147         17,166         12,1620           Total         330,300         300,301         14,167         14,650         17,141         17,368         18,249         17,141         17,367         12,240         12,212,2018         12,22		- 1 -	- / -	-,	- /	, -		- /	- /		1			- ,	- /		
2400         14,622         15,061         17,329         17,339         18,339         18,339         18,339         18,339         18,339         17,317         17,337         15,568         14,865           Tolal         393,060         350,301         441,807         465,699         471,73         480,349         473,455         413,748         397,522         483,323         478,297         470,804         456,249         438,424         385,219           1000         12/216/2018         12/216/2018         12/212/2018         12/22/2018         <																	
Total         393.0e0         350.301         414.807         465.69         477.173         400.49         473.453         413.46         937.522         483.323         478.297         470.804         459.49         499.42         385.219           Date full         12/16/2018         12/17/2018         12/18/2018         12/12/2018         12/22/2018																	
Date Hour         12/16/2018         12/17/2018         12/18/2018         12/20/2018         12/22/2018         12/26/2018         12/26/2018         12/27/2018         12/28/2018         13/28         13/28         13/28         13/28         13/28         13/28         13/28         13/28         13/28         13/28         13	Total	393,060	350,301	441,807	465,699	477,173	480,349	473,435	413,748	397,522	483,323	478,297	470,804	456,249	439,424	385,219	
Date Hour         12/16/2018         12/17/2018         12/18/2018         12/20/2018         12/22/2018         12/26/2018         12/26/2018         12/27/2018         12/28/2018         13/28         13/28         13/28         13/28         13/28         13/28         13/28         13/28         13/28         13/28         13																	
Hour         1									- ·								
100         14.228         15.867         17.147         17.368         16.472         14.756         14.120         13.486         13.938         13.068         14.376         13.999         13.797         13.669         13.551           200         13.683         15.374         16.656         16.772         16.482         15.372         13.359         12.864         13.122         12.265         13.720         13.356         13.065         13.170         13.354           400         13.455         16.922         16.722         16.925         15.719         13.956         13.205         12.804         13.122         12.837         13.371         12.297         13.073         13.386           600         13.552         16.925         17.054         16.047         14.007         13.188         13.428         13.898         14.411         13.555         13.370         13.370         13.370         13.370         13.370         13.371         13.848         14.411         15.071         13.948         14.411         15.071         13.948         14.411         15.071         13.848         14.465         13.722         13.848         14.411         15.071         13.848         16.131         16.217         15.848 <td></td> <td>,</td> <td></td> <td>,</td>		,															,
200       13,683       15,374       16,666       16,797       16,682       14,293       13,615       13,007       13,374       12,678       13,767       13,699       12,269       13,170       13,551         300       13,455       15,142       16,580       16,526       15,272       15,572       16,925       17,058       16,522       15,719       13,958       13,049       13,067       13,451       13,504       12,946       12,972       13,073       13,356         500       13,557       15,836       18,104       16,042       16,047       14,406       13,988       13,049       13,067       13,771       12,973       13,079       13,000       13,335         600       13,555       16,836       19,104       18,626       14,958       13,868       13,172       15,568       16,134       15,073       13,834       13,884       13,886       14,411       13,355       13,814       14,8958       14,8958       14,485       13,772       15,568       16,134       15,073       13,374       14,852       14,895       14,485       13,891       13,616       13,170       13,854       13,836       13,804       13,815       13,801       13,375       12,992       14,855 <td>Date</td> <td>,</td> <td></td> <td>,</td>	Date	,															,
300       13,466       15,222       16,722       16,582       16,572       15,172       14,050       13,359       12,864       13,122       12,565       13,720       13,366       13,065       13,100       13,424         400       13,435       15,152       16,560       16,552       15,719       13,056       13,100       13,160       12,837       13,717       12,943       13,073       13,370       13,372       13,386         600       13,555       16,836       18,104       18,042       17,054       17,005       14,468       13,398       13,668       13,428       13,898       14,411       13,355       13,370       13,372       13,893         700       14,025       18,757       19,875       19,803       19,868       14,114       13,386       14,651       13,712       15,668       16,144       15,073       13,843       13,825       16,845       15,712       15,868       16,148       15,452       16,849       15,114       14,650       15,712       15,868       16,148       15,452       16,735         900       15,512       20,861       20,469       17,673       15,668       17,673       15,656       14,307       17,099       16,659	Date Hour	12/16/2018	12/17/2018	12/18/2018	12/19/2018	12/20/2018	12/21/2018	12/22/2018	12/23/2018	12/24/2018	12/25/2018	12/26/2018	12/27/2018	12/28/2018	12/29/2018	12/30/2018	12/31/2018
400       13.455       15.142       16.860       16.262       15.719       13.988       13.205       12.802       12.914       12.831       13.604       12.946       12.972       13.073       13.070       13.080       13.336         600       13.352       16.836       18.104       18.042       17.005       14.468       13.356       13.428       13.988       14.411       13.355       13.370       13.372       13.372       13.372       13.372       13.893         700       14.025       18.757       19.875       19.803       19.108       18.528       14.988       14.465       13.712       15.686       16.141       15.014       15.073       18.834       13.822       14.869         900       15.512       20.825       21.808       21.571       20.851       20.052       16.752       15.282       15.889       15.114       18.03       17.899       16.227       15.616       15.515       18.333       18.226       16.539       16.164       15.452       16.751         1100       15.671       20.780       21.017       20.905       21.713       15.668       17.334       15.816       18.149       16.852       17.133       16.999       15.14       <	Date Hour 100	12/16/2018 14,228	12/17/2018 15,687	12/18/2018 17,147	12/19/2018 17,396	12/20/2018 16,985	12/21/2018 16,472	12/22/2018 14,756	12/23/2018 14,120	12/24/2018 13,456	12/25/2018 13,938	12/26/2018 13,068	12/27/2018 14,376	12/28/2018 13,999	12/29/2018 13,797	12/30/2018 13,669	12/31/2018 13,954
500       13,572       15,672       16,925       17,058       16,602       16,047       14,007       13,198       13,049       13,067       12,837       13,717       12,973       13,079       13,060       13,336         600       13,555       16,836       18,104       18,042       17,504       17,005       14,468       13,389       13,428       13,898       14,141       15,075       13,370       13,372       13,893         700       14,025       18,777       19,875       19,005       14,988       13,856       14,465       13,717       12,873       16,214       14,958       14,869       15,815         900       15,512       20,825       21,808       21,571       20,851       20,052       16,752       15,828       15,144       18,133       17,443       17,99       18,626       16,539       16,444       15,452       16,735         1100       15,671       20,780       21,167       20,851       20,469       17,233       15,506       16,561       15,515       18,333       18,226       16,539       16,144       15,452       16,735         1100       15,671       20,740       21,674       20,905       20,240       17,540       1	Date Hour 100 200	12/16/2018 14,228 13,683	12/17/2018 15,687 15,374	12/18/2018 17,147 16,656	12/19/2018 17,396 16,797	12/20/2018 16,985 16,408	12/21/2018 16,472 15,825	12/22/2018 14,756 14,293	12/23/2018 14,120 13,615	12/24/2018 13,456 13,087	12/25/2018 13,938 13,374	12/26/2018 13,068 12,678	12/27/2018 14,376 13,787	12/28/2018 13,999 13,689	12/29/2018 13,797 13,269	12/30/2018 13,669 13,170	12/31/2018 13,954 13,551
600       13,535       16,836       18,104       18,042       17,004       14,686       13,398       13,428       13,898       14,411       13,355       13,370       13,372       13,893         700       14,025       18,757       19,875       19,803       19,108       18,526       14,958       13,855       14,465       13,712       15,568       16,134       15,073       13,834       13,824       14,869       15,155         900       15,512       20,825       21,808       21,571       20,851       20,469       17,673       15,889       15,114       18,103       17,899       16,227       15,613       15,021       16,434         1000       15,617       20,748       21,252       21,111       20,905       20,605       17,673       15,668       17,575       17,959       18,662       17,113       16,659       15,114       17,051       16,258       15,251       17,017         1200       15,436       20,464       20,263       20,030       20,381       20,057       17,401       15,956       17,400       15,757       17,959       18,664       17,026       16,133       14,698       17,333       16,659       15,611       17,171       15,855	Date Hour 100 200 300	12/16/2018 14,228 13,683 13,466	12/17/2018 15,687 15,374 15,222	12/18/2018 17,147 16,656 16,722	12/19/2018 17,396 16,797 16,582	12/20/2018 16,985 16,408 16,372	12/21/2018 16,472 15,825 15,912	12/22/2018 14,756 14,293 14,050	12/23/2018 14,120 13,615 13,359	12/24/2018 13,456 13,087 12,864	12/25/2018 13,938 13,374 13,122	12/26/2018 13,068 12,678 12,565	12/27/2018 14,376 13,787 13,720	12/28/2018 13,999 13,689 13,356	12/29/2018 13,797 13,269 13,065	12/30/2018 13,669 13,170 13,160	12/31/2018 13,954 13,551 13,424
800       15,136       20,305       21,202       21,209       20,458       19,840       16,111       14,714       15,359       14,531       17,443       17,321       16,214       14,958       14,589       16,151         900       15,512       20,825       21,808       21,571       20,851       20,052       15,622       15,889       15,114       18,103       17,899       16,527       15,613       15,021       16,735         1100       15,617       20,748       21,252       21,111       20,905       20,605       17,673       15,668       17,384       15,815       18,528       17,051       16,258       15,251       17,017         1200       15,271       20,268       20,340       20,263       21,003       20,308       17,481       16,080       17,103       14,757       17,468       18,657       17,217       15,855       15,114       17,484         1400       14,632       19,802       20,381       20,796       20,329       20,381       17,481       16,030       14,307       17,050       18,664       17,026       16,133       14,698       17,384         1600       13,894       18,183       18,800       18,947       19,624 <t< td=""><td>Date Hour 100 200 300 400</td><td>12/16/2018 14,228 13,683 13,466 13,435</td><td>12/17/2018 15,687 15,374 15,222 15,142</td><td>12/18/2018 17,147 16,656 16,722 16,580</td><td>12/19/2018 17,396 16,797 16,582 16,566</td><td>12/20/2018 16,985 16,408 16,372 16,252</td><td>12/21/2018 16,472 15,825 15,912 15,719</td><td>12/22/2018 14,756 14,293 14,050 13,958</td><td>12/23/2018 14,120 13,615 13,359 13,205</td><td>12/24/2018 13,456 13,087 12,864 12,802</td><td>12/25/2018 13,938 13,374 13,122 12,914</td><td>12/26/2018 13,068 12,678 12,565 12,531</td><td>12/27/2018 14,376 13,787 13,720 13,504</td><td>12/28/2018 13,999 13,689 13,356 12,946</td><td>12/29/2018 13,797 13,269 13,065 12,972</td><td>12/30/2018 13,669 13,170 13,160 13,073</td><td>12/31/2018 13,954 13,551 13,424 13,356</td></t<>	Date Hour 100 200 300 400	12/16/2018 14,228 13,683 13,466 13,435	12/17/2018 15,687 15,374 15,222 15,142	12/18/2018 17,147 16,656 16,722 16,580	12/19/2018 17,396 16,797 16,582 16,566	12/20/2018 16,985 16,408 16,372 16,252	12/21/2018 16,472 15,825 15,912 15,719	12/22/2018 14,756 14,293 14,050 13,958	12/23/2018 14,120 13,615 13,359 13,205	12/24/2018 13,456 13,087 12,864 12,802	12/25/2018 13,938 13,374 13,122 12,914	12/26/2018 13,068 12,678 12,565 12,531	12/27/2018 14,376 13,787 13,720 13,504	12/28/2018 13,999 13,689 13,356 12,946	12/29/2018 13,797 13,269 13,065 12,972	12/30/2018 13,669 13,170 13,160 13,073	12/31/2018 13,954 13,551 13,424 13,356
900       15,512       20,825       21,808       21,571       20,851       20,052       16,752       15,282       15,889       15,114       18,103       17,899       16,227       15,613       15,021       16,434         1000       15,789       20,780       21,516       21,758       20,851       20,065       17,673       15,666       15,515       18,333       18,226       16,539       16,146       15,452       16,755         1100       15,617       20,748       21,526       21,111       20,903       20,605       17,673       15,668       17,340       15,753       17,959       18,692       17,133       16,699       15,194       17,252         1300       15,271       20,268       20,340       20,239       20,388       17,481       16,080       17,103       14,757       17,468       18,657       17,217       15,855       15,114       17,448         1400       14,632       19,802       20,334       20,025       20,302       16,921       16,222       16,320       13,496       16,481       18,279       16,659       15,655       14,361       17,094         1600       13,894       18,183       18,967       19,925       19,693       <	Date Hour 200 300 400 500	12/16/2018 14,228 13,683 13,466 13,435 13,572	12/17/2018 15,687 15,374 15,222 15,142 15,572	12/18/2018 17,147 16,656 16,722 16,580 16,925	12/19/2018 17,396 16,797 16,582 16,566 17,058	12/20/2018 16,985 16,408 16,372 16,252 16,502	12/21/2018 16,472 15,825 15,912 15,719 16,047	12/22/2018 14,756 14,293 14,050 13,958 14,007	12/23/2018 14,120 13,615 13,359 13,205 13,198	12/24/2018 13,456 13,087 12,864 12,802 13,049	12/25/2018 13,938 13,374 13,122 12,914 13,067	12/26/2018 13,068 12,678 12,565 12,531 12,837	12/27/2018 14,376 13,787 13,720 13,504 13,717	12/28/2018 13,999 13,689 13,356 12,946 12,973	12/29/2018 13,797 13,269 13,065 12,972 13,079	12/30/2018 13,669 13,170 13,160 13,073 13,060	12/31/2018 13,954 13,551 13,424 13,356 13,336
1000       15,789       20,780       21,516       21,558       20,851       20,469       17,233       15,506       16,561       15,515       18,333       19,226       16,539       16,146       15,452       16,735         1100       15,617       20,748       21,252       21,111       20,905       20,605       17,673       15,668       17,384       15,816       18,149       18,558       17,011       16,258       15,251       17,017         1200       15,436       20,468       20,720       21,674       20,905       20,240       17,540       15,955       17,400       15,757       17,468       18,657       17,217       15,855       15,114       17,444         1400       14,632       19,802       20,381       20,796       20,329       20,587       17,138       15,976       16,650       14,307       17,050       18,664       17,026       16,133       14,698       17,384         1500       14,384       19,672       19,587       19,385       20,025       20,302       16,921       16,320       13,496       16,481       18,279       16,655       16,555       18,135       16,655       15,141       17,043       14,641       17,050       16,742	Date Hour 200 300 400 500 600	12/16/2018 14,228 13,683 13,466 13,435 13,572 13,535	12/17/2018 15,687 15,374 15,222 15,142 15,572 16,836	12/18/2018 17,147 16,656 16,722 16,580 16,925 18,104	12/19/2018 17,396 16,797 16,582 16,566 17,058 18,042	12/20/2018 16,985 16,408 16,372 16,252 16,502 17,504	12/21/2018 16,472 15,825 15,912 15,719 16,047 17,005	12/22/2018 14,756 14,293 14,050 13,958 14,007 14,468	12/23/2018 14,120 13,615 13,359 13,205 13,198 13,398	12/24/2018 13,456 13,087 12,864 12,802 13,049 13,568	12/25/2018 13,938 13,374 13,122 12,914 13,067 13,428	12/26/2018 13,068 12,678 12,565 12,531 12,837 13,898	12/27/2018 14,376 13,787 13,720 13,504 13,717 14,411	12/28/2018 13,999 13,689 13,356 12,946 12,973 13,355	12/29/2018 13,797 13,269 13,065 12,972 13,079 13,370	12/30/2018 13,669 13,170 13,160 13,073 13,060 13,372	12/31/2018 13,954 13,551 13,424 13,356 13,336 13,893
1100       15,617       20,748       21,252       21,111       20,903       20,605       17,673       15,668       17,384       15,816       18,149       18,558       17,051       16,258       15,251       17,017         1200       15,436       20,468       20,720       21,674       20,905       20,240       17,540       15,955       17,400       15,753       17,959       18,692       17,133       16,699       15,194       17,252         1300       15,271       20,288       20,340       20,329       20,381       17,188       15,976       16,650       14,307       17,050       18,664       17,026       16,133       14,698       17,388         1500       14,388       19,672       19,887       19,025       20,302       16,921       16,222       16,320       13,496       16,481       18,279       16,659       15,655       14,361       17,944         1600       13,894       18,851       19,861       19,964       19,633       16,430       15,003       16,220       13,468       15,555       18,135       16,654       15,655       14,361       16,951         1700       14,704       18,654       19,965       19,609       19,676	Date Hour 200 300 400 500 600 700	12/16/2018 14,228 13,683 13,466 13,435 13,572 13,535 14,025	12/17/2018 15,687 15,374 15,222 15,142 15,572 16,836 18,757	12/18/2018 17,147 16,656 16,722 16,580 16,925 18,104 19,875	12/19/2018 17,396 16,797 16,582 16,566 17,058 18,042 19,803	12/20/2018 16,985 16,408 16,372 16,252 16,502 17,504 19,108	12/21/2018 16,472 15,825 15,912 15,719 16,047 17,005 18,526	12/22/2018 14,756 14,293 14,050 13,958 14,007 14,468 14,958	12/23/2018 14,120 13,615 13,359 13,205 13,198 13,398 13,855	12/24/2018 13,456 13,087 12,864 12,802 13,049 13,568 14,465	12/25/2018 13,938 13,374 13,122 12,914 13,067 13,428 13,712	12/26/2018 13,068 12,678 12,565 12,531 12,837 13,898 15,568	12/27/2018 14,376 13,787 13,720 13,504 13,717 14,411 16,134	12/28/2018 13,999 13,689 13,356 12,946 12,973 13,355 15,073	12/29/2018 13,797 13,269 13,065 12,972 13,079 13,370 13,834	12/30/2018 13,669 13,170 13,160 13,073 13,060 13,372 13,822	12/31/2018 13,954 13,551 13,424 13,356 13,336 13,893 14,869
1200       15,436       20,468       20,720       21,674       20,905       20,240       17,540       15,955       17,400       15,753       17,959       18,692       17,133       16,699       15,194       17,252         1300       15,271       20,268       20,340       20,263       21,003       20,308       17,411       16,080       17,103       14,757       17,468       18,667       17,121       15,855       15,114       17,484         1400       14,632       19,802       20,381       20,076       20,329       20,587       17,138       15,976       16,650       14,307       17,050       18,664       17,026       16,133       14,698       17,384         1500       14,388       19,672       19,587       19,385       20,025       20,302       16,921       16,322       13,496       16,41       18,279       16,655       14,361       17,094         1600       13,894       18,183       18,800       18,947       19,624       19,693       16,423       14,846       16,312       13,426       15,655       18,135       16,874       15,492       13,613       16,654       15,422       13,613       16,655       18,361       16,565       18,165	Date Hour 200 300 400 500 600 700 800 900	12/16/2018 14,228 13,683 13,466 13,435 13,572 13,535 14,025 15,136 15,512	12/17/2018 15,687 15,374 15,222 15,142 15,572 16,836 18,757 20,305	12/18/2018 17,147 16,656 16,722 16,580 16,925 18,104 19,875 21,202	12/19/2018 17,396 16,797 16,582 16,566 17,058 18,042 19,803 21,209 21,571	12/20/2018 16,985 16,408 16,372 16,252 16,502 17,504 19,108 20,458	12/21/2018 16,472 15,825 15,912 15,719 16,047 17,005 18,526 19,840	12/22/2018 14,756 14,293 14,050 13,958 14,007 14,468 14,958 16,111 16,752	12/23/2018 14,120 13,615 13,359 13,205 13,198 13,398 13,855 14,714 15,282	12/24/2018 13,456 13,087 12,864 12,802 13,049 13,568 14,465 15,359 15,889	12/25/2018 13,938 13,374 13,122 12,914 13,067 13,428 13,712 14,531	12/26/2018 13,068 12,678 12,565 12,531 12,837 13,898 15,568 17,443 18,103	12/27/2018 14,376 13,787 13,720 13,504 13,717 14,411 16,134 17,321 17,899	12/28/2018 13,999 13,689 13,356 12,946 12,973 13,355 15,073 16,214 16,227	12/29/2018 13,797 13,269 13,065 12,972 13,079 13,370 13,834 14,958	12/30/2018 13,669 13,170 13,160 13,073 13,060 13,372 13,822 14,589 15,021	12/31/2018 13,954 13,551 13,424 13,356 13,336 13,893 14,869 15,815
1300       15,271       20,268       20,340       20,263       21,003       20,308       17,481       16,080       17,103       14,757       17,468       18,657       17,217       15,855       15,114       17,484         1400       14,632       19,802       20,381       20,796       20,329       20,587       17,138       15,976       16,650       14,307       17,050       18,664       17,026       16,133       14,698       17,398         1500       14,388       19,672       19,587       19,385       20,025       20,302       16,921       16,222       16,320       13,496       16,481       18,279       16,659       15,655       14,361       17,094         1600       13,894       18,854       19,265       19,509       19,669       19,764       16,423       14,846       16,312       13,548       15,797       18,381       16,657       15,742       16,515         1700       14,704       18,654       19,265       19,509       19,869       19,764       16,433       15,623       13,623       15,655       18,135       16,874       15,399       14,163       16,152         1800       16,385       19,964       20,334       20,392	Date Hour 100 200 300 400 500 600 700 800 900 1000	12/16/2018 14,228 13,683 13,466 13,435 13,572 13,535 14,025 15,136 15,512 15,789	12/17/2018 15,687 15,374 15,222 15,142 15,572 16,836 18,757 20,305 20,825 20,780	12/18/2018 17,147 16,656 16,722 16,580 16,925 18,104 19,875 21,202 21,808 21,516	12/19/2018 17,396 16,797 16,582 16,566 17,058 18,042 19,803 21,209 21,571 21,758	12/20/2018 16,985 16,408 16,372 16,252 16,502 17,504 19,108 20,458 20,851	12/21/2018 16,472 15,825 15,912 15,719 16,047 17,005 18,526 19,840 20,052 20,469	12/22/2018 14,756 14,293 14,050 13,958 14,007 14,468 14,958 16,111 16,752 17,233	12/23/2018 14,120 13,615 13,359 13,205 13,198 13,398 13,855 14,714 15,282 15,506	12/24/2018 13,456 13,087 12,864 12,802 13,049 13,568 14,465 15,359 15,889 16,561	12/25/2018 13,938 13,374 13,122 12,914 13,067 13,428 13,712 14,531 15,114 15,515	12/26/2018 13,068 12,678 12,565 12,531 12,837 13,898 15,568 17,443 18,103 18,333	12/27/2018 14,376 13,787 13,720 13,504 13,717 14,411 16,134 17,321 17,899 18,226	12/28/2018 13,999 13,689 13,356 12,946 12,973 13,355 15,073 16,214 16,227 16,539	12/29/2018 13,797 13,269 13,065 12,972 13,079 13,370 13,834 14,958 15,613 16,146	12/30/2018 13,669 13,170 13,160 13,073 13,060 13,372 13,822 14,589 15,021 15,452	12/31/2018 13,954 13,551 13,424 13,356 13,336 13,893 14,869 15,815 16,434 16,735
1400       14,632       19,802       20,381       20,796       20,329       20,587       17,138       15,976       16,650       14,307       17,050       18,664       17,026       16,133       14,698       17,388         1500       14,384       19,672       19,587       19,385       20,025       20,302       16,921       16,222       16,320       13,496       16,481       18,279       16,659       15,655       14,361       17,094         1600       13,894       18,183       18,800       18,947       19,624       19,693       16,423       14,486       16,312       13,548       15,757       18,381       16,354       15,422       13,613       16,451         1700       14,704       18,654       19,964       20,334       20,392       20,388       19,836       16,978       16,354       16,851       14,619       16,889       18,403       17,617       16,102       15,742       16,578         1800       16,385       19,964       20,334       20,392       20,388       19,866       16,851       14,619       16,889       18,403       17,617       16,102       15,742       16,578         1900       17,346       20,623       21,051	Date Hour 200 300 400 500 600 700 800 900 1000	12/16/2018 14,228 13,683 13,466 13,435 13,572 13,535 14,025 15,136 15,512 15,512 15,789 15,617	12/17/2018 15,687 15,374 15,222 15,142 15,572 16,836 18,757 20,305 20,825 20,780 20,780	12/18/2018 17,147 16,656 16,722 16,580 16,925 18,104 19,875 21,202 21,808 21,516 21,252	12/19/2018 17,396 16,797 16,582 16,566 17,058 18,042 19,803 21,209 21,571 21,758 21,111	12/20/2018 16,985 16,408 16,372 16,522 17,504 19,108 20,458 20,851 20,851 20,903	12/21/2018 16,472 15,825 15,912 15,719 16,047 17,005 18,526 19,840 20,052 20,469 20,605	12/22/2018 14,756 14,293 14,050 13,958 14,007 14,468 14,958 16,111 16,752 17,233 17,673	12/23/2018 14,120 13,615 13,359 13,205 13,198 13,398 13,398 13,855 14,714 15,282 15,506 15,668	12/24/2018 13,456 13,087 12,864 12,802 13,049 13,568 14,465 15,359 16,561 17,384	12/25/2018 13,938 13,374 13,122 12,914 13,067 13,428 13,712 14,531 15,114 15,515 15,816	12/26/2018 13,068 12,678 12,565 12,531 12,837 13,898 15,568 17,443 18,103 18,333 18,149	12/27/2018 14,376 13,787 13,720 13,504 13,717 14,411 16,134 17,321 17,899 18,226 18,558	12/28/2018 13,999 13,689 13,356 12,946 12,973 13,355 15,073 16,214 16,227 16,539 17,051	12/29/2018 13,797 13,269 13,065 12,972 13,079 13,370 13,834 14,958 15,613 16,146 16,258	12/30/2018 13,669 13,170 13,160 13,073 13,060 13,372 13,822 14,589 15,021 15,452 15,251	12/31/2018 13,954 13,551 13,424 13,356 13,336 13,893 14,869 15,815 16,435 16,435 16,735 17,017
1500       14,388       19,672       19,587       19,385       20,025       20,302       16,921       16,222       16,320       13,496       16,481       18,279       16,659       15,655       14,361       17,094         1600       13,894       18,183       18,800       18,947       19,624       19,693       16,423       14,846       16,312       13,548       15,797       18,381       16,354       15,422       13,613       16,451         1700       14,704       18,654       19,964       20,392       20,388       19,836       16,978       16,354       13,623       15,655       18,135       16,874       15,399       14,163       16,578         1900       17,346       20,623       21,051       20,646       20,415       19,676       16,917       16,804       16,335       15,020       17,556       18,372       17,827       16,330       16,033       16,109         2000       17,116       20,499       20,911       20,553       19,967       19,222       16,756       16,695       15,895       14,927       17,414       18,219       17,630       16,049       16,025       15,541         2100       16,333       20,207       20,727	Date Hour 200 300 400 500 600 700 800 900 1000 1100	12/16/2018 14,228 13,683 13,466 13,435 13,572 13,535 14,025 15,136 15,512 15,789 15,617 15,436	12/17/2018 15,687 15,374 15,222 15,142 15,572 16,836 18,757 20,305 20,825 20,780 20,748 20,748	12/18/2018 17,147 16,656 16,722 16,580 16,925 18,104 19,875 21,202 21,808 21,516 21,252 20,720	12/19/2018 17,396 16,797 16,582 16,566 17,058 18,042 19,803 21,209 21,571 21,758 21,111 21,674	12/20/2018 16,985 16,408 16,372 16,252 17,504 19,108 20,458 20,851 20,903 20,905	12/21/2018 16,472 15,825 15,912 15,719 16,047 17,005 18,526 19,840 20,052 20,469 20,605 20,240	12/22/2018 14,756 14,293 14,050 13,958 14,007 14,468 14,958 16,111 16,752 17,233 17,673 17,540	12/23/2018 14,120 13,615 13,359 13,205 13,198 13,855 14,714 15,282 15,506 15,668 15,955	12/24/2018 13,456 13,087 12,864 12,802 13,049 13,568 14,465 15,359 15,889 16,561 17,384 17,384	12/25/2018 13,938 13,374 13,122 12,914 13,067 13,428 13,712 14,531 15,114 15,515 15,816 15,753	12/26/2018 13,068 12,678 12,565 12,531 12,837 13,898 15,568 17,443 18,103 18,333 18,149 17,959	12/27/2018 14,376 13,787 13,720 13,504 13,717 14,411 16,134 17,321 17,899 18,226 18,558 18,558	12/28/2018 13,999 13,689 13,356 12,946 12,973 13,355 15,073 16,214 16,227 16,539 17,051 17,133	12/29/2018 13,797 13,269 13,065 12,972 13,079 13,370 13,834 14,958 15,613 16,146 16,258 16,699	12/30/2018 13,669 13,170 13,160 13,073 13,060 13,372 13,822 14,589 15,021 15,452 15,251 15,251 15,194	12/31/2018 13,954 13,551 13,424 13,356 13,336 13,893 14,869 15,815 16,434 16,735 17,017 17,252
1600       13,894       18,183       18,800       18,947       19,624       19,693       16,423       14,846       16,312       13,548       15,797       18,381       16,354       15,422       13,613       16,451         1700       14,704       18,654       19,265       19,509       19,869       19,764       16,430       15,003       16,280       13,623       15,655       18,135       16,874       15,399       14,163       16,572         1800       16,385       19,964       20,334       20,392       20,388       19,876       16,978       16,354       16,651       14,619       16,889       18,403       17,617       16,102       15,742       16,578         1800       17,346       20,623       21,051       20,646       20,415       19,676       16,917       16,804       16,355       14,020       17,630       16,049       16,033       16,025       15,541         2000       17,116       20,499       20,911       20,553       19,967       19,222       16,756       16,695       15,895       14,927       17,611       17,630       16,049       16,025       15,541         2100       16,933       20,207       20,727       20,433	Date Hour 200 300 400 500 600 700 800 900 1000 1100 1200 1300	12/16/2018 14,228 13,683 13,466 13,435 13,572 13,535 14,025 15,136 15,512 15,789 15,617 15,436 15,271	12/17/2018 15,687 15,374 15,222 15,142 15,572 16,836 18,757 20,305 20,825 20,780 20,780 20,748 20,468 20,268	12/18/2018 17,147 16,656 16,722 16,580 16,925 18,104 19,875 21,202 21,808 21,516 21,252 20,720 20,340	12/19/2018 17,396 16,797 16,582 16,566 17,058 18,042 19,803 21,209 21,571 21,758 21,111 21,674 20,263	12/20/2018 16,985 16,408 16,372 16,552 16,552 17,504 19,108 20,458 20,851 20,905 20,905 21,003	12/21/2018 16,472 15,825 15,912 15,719 16,047 17,005 18,526 19,840 20,052 20,469 20,605 20,240 20,308	12/22/2018 14,756 14,293 14,050 13,958 14,007 14,468 14,958 16,111 16,752 17,233 17,673 17,540 17,481	12/23/2018 14,120 13,615 13,359 13,205 13,198 13,398 13,855 14,714 15,282 15,506 15,668 15,955 16,080	12/24/2018 13,456 13,087 12,864 12,802 13,049 13,568 14,465 15,359 15,889 16,561 17,384 17,400 17,103	12/25/2018 13,938 13,374 13,122 12,914 13,067 13,428 13,712 14,531 15,114 15,515 15,816 15,753 14,757	12/26/2018 13,068 12,678 12,565 12,531 12,837 13,898 15,568 17,443 18,103 18,333 18,149 17,959 17,468	12/27/2018 14,376 13,787 13,500 13,504 13,717 14,411 16,134 17,321 17,899 18,226 18,558 18,692 18,657	12/28/2018 13,999 13,689 13,356 12,946 12,973 13,355 15,073 16,214 16,227 16,539 17,051 17,133 17,217	12/29/2018 13,797 13,269 13,065 12,972 13,079 13,370 13,834 14,958 15,613 16,146 16,258 16,699 15,855	12/30/2018 13,669 13,170 13,160 13,073 13,060 13,372 13,822 14,589 15,021 15,452 15,251 15,194 15,114	12/31/2018 13,954 13,551 13,424 13,356 13,336 13,893 14,869 15,815 16,434 16,735 17,017 17,252 17,484
1700       14,704       18,654       19,265       19,509       19,869       19,764       16,430       15,003       16,280       13,623       15,655       18,135       16,874       15,399       14,163       16,152         1800       16,385       19,964       20,334       20,392       20,388       19,836       16,978       16,354       16,851       14,619       16,889       18,403       17,617       16,102       15,742       16,578         1900       17,346       20,623       21,051       20,646       20,415       19,676       16,917       16,804       16,335       15,020       17,566       18,372       17,827       16,330       16,303       16,003       16,003       16,003       16,003       16,003       16,003       16,003       16,003       16,003       16,003       16,003       16,004       16,205       15,541       12,00       16,933       20,207       20,727       20,723       19,74       19,212       16,766       16,695       15,859       14,927       17,414       18,219       17,630       16,049       16,025       15,541         2100       16,345       19,575       20,072       19,774       19,212       18,840       16,219       15,989 <td>Date Hour 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400</td> <td>12/16/2018 14,228 13,683 13,466 13,435 13,572 13,535 14,025 15,136 15,512 15,789 15,617 15,436 15,271 14,632</td> <td>12/17/2018 15,687 15,374 15,222 15,142 15,572 16,836 18,757 20,305 20,825 20,780 20,780 20,748 20,488 20,268 19,802</td> <td>12/18/2018 17,147 16,656 16,722 16,580 16,925 18,104 19,875 21,202 21,808 21,516 21,252 20,720 20,340 20,341</td> <td>12/19/2018 17,396 16,797 16,582 16,566 17,058 18,042 19,803 21,209 21,571 21,758 21,111 21,674 20,263 20,796</td> <td>12/20/2018 16,985 16,408 16,372 16,552 17,504 19,108 20,458 20,851 20,851 20,903 20,905 21,003 20,329</td> <td>12/21/2018 16,472 15,825 15,912 15,719 16,047 17,005 18,526 19,840 20,052 20,469 20,605 20,240 20,308 20,308 20,587</td> <td>12/22/2018 14,756 14,293 14,050 13,958 14,007 14,468 14,958 16,111 16,752 17,233 17,673 17,540 17,481 17,138</td> <td>12/23/2018 14,120 13,615 13,359 13,205 13,198 13,398 13,855 14,714 15,282 15,506 15,668 15,956 16,080 15,976</td> <td>12/24/2018 13,456 13,087 12,864 12,802 13,049 13,568 14,465 15,359 15,889 16,561 17,384 17,400 17,103 16,650</td> <td>12/25/2018 13,938 13,374 13,122 12,914 13,067 13,428 13,712 14,531 15,515 15,816 15,753 14,757 14,307</td> <td>12/26/2018 13,068 12,678 12,565 12,531 12,837 13,898 15,568 17,443 18,103 18,333 18,149 17,959 17,468 17,050</td> <td>12/27/2018 14,376 13,787 13,720 13,504 13,717 14,411 16,134 17,321 17,899 18,226 18,558 18,657 18,664</td> <td>12/28/2018 13,999 13,689 13,356 12,946 12,973 13,355 15,073 16,214 16,227 16,539 17,051 17,133 17,217 17,026</td> <td>12/29/2018 13,797 13,269 13,065 12,972 13,079 13,370 13,834 14,958 15,613 16,146 16,258 16,699 15,855 16,133</td> <td>12/30/2018 13,669 13,170 13,160 13,073 13,060 13,372 13,822 14,589 15,021 15,452 15,251 15,194 15,114 14,698</td> <td>12/31/2018 13,954 13,551 13,424 13,356 13,336 13,893 14,869 15,815 16,434 16,735 17,017 17,252 17,484 17,388</td>	Date Hour 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400	12/16/2018 14,228 13,683 13,466 13,435 13,572 13,535 14,025 15,136 15,512 15,789 15,617 15,436 15,271 14,632	12/17/2018 15,687 15,374 15,222 15,142 15,572 16,836 18,757 20,305 20,825 20,780 20,780 20,748 20,488 20,268 19,802	12/18/2018 17,147 16,656 16,722 16,580 16,925 18,104 19,875 21,202 21,808 21,516 21,252 20,720 20,340 20,341	12/19/2018 17,396 16,797 16,582 16,566 17,058 18,042 19,803 21,209 21,571 21,758 21,111 21,674 20,263 20,796	12/20/2018 16,985 16,408 16,372 16,552 17,504 19,108 20,458 20,851 20,851 20,903 20,905 21,003 20,329	12/21/2018 16,472 15,825 15,912 15,719 16,047 17,005 18,526 19,840 20,052 20,469 20,605 20,240 20,308 20,308 20,587	12/22/2018 14,756 14,293 14,050 13,958 14,007 14,468 14,958 16,111 16,752 17,233 17,673 17,540 17,481 17,138	12/23/2018 14,120 13,615 13,359 13,205 13,198 13,398 13,855 14,714 15,282 15,506 15,668 15,956 16,080 15,976	12/24/2018 13,456 13,087 12,864 12,802 13,049 13,568 14,465 15,359 15,889 16,561 17,384 17,400 17,103 16,650	12/25/2018 13,938 13,374 13,122 12,914 13,067 13,428 13,712 14,531 15,515 15,816 15,753 14,757 14,307	12/26/2018 13,068 12,678 12,565 12,531 12,837 13,898 15,568 17,443 18,103 18,333 18,149 17,959 17,468 17,050	12/27/2018 14,376 13,787 13,720 13,504 13,717 14,411 16,134 17,321 17,899 18,226 18,558 18,657 18,664	12/28/2018 13,999 13,689 13,356 12,946 12,973 13,355 15,073 16,214 16,227 16,539 17,051 17,133 17,217 17,026	12/29/2018 13,797 13,269 13,065 12,972 13,079 13,370 13,834 14,958 15,613 16,146 16,258 16,699 15,855 16,133	12/30/2018 13,669 13,170 13,160 13,073 13,060 13,372 13,822 14,589 15,021 15,452 15,251 15,194 15,114 14,698	12/31/2018 13,954 13,551 13,424 13,356 13,336 13,893 14,869 15,815 16,434 16,735 17,017 17,252 17,484 17,388
1800       16,385       19,964       20,334       20,392       20,388       19,836       16,978       16,354       19,851       14,619       16,889       18,403       17,617       16,102       15,742       16,578         1900       17,346       20,623       21,051       20,646       20,415       19,676       16,917       16,804       16,335       15,020       17,566       18,372       17,827       16,330       16,303       16,109         2000       17,116       20,499       20,911       20,553       19,967       19,222       16,756       16,695       15,895       14,927       17,151       17,611       16,049       16,025       15,939         2100       16,335       19,575       20,072       20,727       20,433       19,748       19,212       16,783       16,481       15,591       15,232       17,151       17,611       17,610       15,777       15,939       15,304         2200       16,345       19,575       20,072       19,774       19,212       18,840       16,219       15,891       14,844       16,618       16,828       16,832       15,392       15,321       14,481         2300       15,836       18,267       18,897	Date Hour 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400	12/16/2018 14,228 13,683 13,466 13,435 13,572 13,535 14,025 15,136 15,512 15,512 15,789 15,617 15,436 15,271 14,632 14,388	12/17/2018 15,687 15,374 15,222 15,142 15,572 16,836 18,757 20,305 20,780 20,780 20,780 20,748 20,468 20,468 20,468 19,802 19,672	12/18/2018 17,147 16,656 16,722 16,580 16,925 18,104 19,875 21,202 21,808 21,516 21,252 20,720 20,340 20,381 19,587	12/19/2018 17,396 16,797 16,582 16,566 17,058 18,042 19,803 21,209 21,571 21,758 21,571 21,758 21,111 21,674 20,263 20,796 19,385	12/20/2018 16,985 16,408 16,372 16,522 17,504 19,108 20,458 20,851 20,851 20,903 20,905 21,003 20,905 21,003 20,329 20,025	12/21/2018 16,472 15,825 15,912 15,719 16,047 17,005 18,526 19,840 20,052 20,469 20,605 20,240 20,308 20,587 20,302	12/22/2018 14,756 14,293 14,050 13,958 14,007 14,468 14,958 16,111 16,752 17,233 17,673 17,540 17,481 17,138 16,921	12/23/2018 14,120 13,615 13,359 13,205 13,198 13,398 13,398 13,398 13,398 13,398 13,398 13,398 13,398 13,555 14,714 15,282 15,506 15,668 15,955 16,080 15,976 16,222	12/24/2018 13,456 13,087 12,864 12,802 13,049 13,568 14,465 15,359 16,561 17,384 17,400 17,103 16,650 16,320	12/25/2018 13,938 13,374 13,122 12,914 13,067 13,428 13,712 14,531 15,114 15,515 15,816 15,753 14,567 14,307 13,496	12/26/2018 13,068 12,678 12,565 12,531 12,837 13,898 15,568 17,443 18,103 18,333 18,149 17,959 17,468 17,050 16,481	12/27/2018 14,376 13,787 13,720 13,504 13,717 14,411 16,134 17,321 17,899 18,226 18,558 18,652 18,654 18,654 18,279	12/28/2018 13,999 13,689 13,356 12,946 12,973 13,355 15,073 16,214 16,227 16,539 17,051 17,133 17,217 17,026 16,659	12/29/2018 13,797 13,269 13,065 12,972 13,079 13,370 13,834 14,958 15,613 16,146 16,258 16,699 15,855 16,133 15,655	12/30/2018 13,669 13,170 13,160 13,073 13,060 13,372 13,822 14,589 15,021 15,452 15,251 15,194 15,114 14,698 14,361	12/31/2018 13,954 13,551 13,424 13,356 13,336 13,893 14,869 15,815 16,434 16,735 17,017 17,252 17,484 17,388 17,094
1900       17,346       20,623       21,051       20,646       20,415       19,676       16,917       16,804       16,335       15,020       17,556       18,372       17,827       16,330       16,303       16,109         2000       17,116       20,499       20,911       20,553       19,967       19,222       16,756       16,895       15,895       14,927       17,414       18,219       17,630       16,049       16,025       15,504         2100       16,933       20,207       20,727       20,433       19,748       19,121       16,783       16,481       15,591       15,232       17,151       17,611       17,610       15,777       15,939       15,304         2100       16,345       19,575       20,072       19,774       19,212       18,840       16,219       15,989       15,491       14,844       16,618       16,828       16,828       15,332       15,321       14,818         2300       15,836       18,267       18,897       18,705       18,268       17,597       15,561       15,157       14,310       15,755       15,890       16,279       14,814       14,903       14,057         2400       15,800       17,699       17,974	Date Hour 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500	12/16/2018 14,228 13,683 13,466 13,435 13,572 13,535 14,025 15,136 15,512 15,789 15,617 15,436 15,271 14,632 14,388 13,894	12/17/2018 15,687 15,374 15,222 15,142 15,572 16,836 18,757 20,375 20,825 20,780 20,748 20,748 20,468 20,268 19,802 19,672 18,183	12/18/2018 17,147 16,656 16,722 16,580 16,925 18,104 19,875 21,202 21,808 21,516 21,252 20,720 20,340 20,381 19,587 18,800	12/19/2018 17,396 16,797 16,582 16,566 17,058 18,042 19,803 21,209 21,571 21,758 21,111 21,674 20,263 20,796 19,385 18,947	12/20/2018 16,985 16,408 16,372 16,552 17,504 19,108 20,458 20,851 20,905 21,003 20,905 21,003 20,025 19,624	12/21/2018 16,472 15,825 15,912 15,719 16,047 17,005 18,526 19,840 20,052 20,469 20,605 20,240 20,308 20,587 20,302 19,693	12/22/2018 14,756 14,293 14,050 13,958 14,007 14,468 14,958 16,111 16,752 17,233 17,673 17,540 17,481 17,138 16,921 16,423	12/23/2018 14,120 13,615 13,359 13,205 13,198 13,398 13,398 13,398 13,398 13,398 14,714 15,282 15,506 15,668 15,955 16,080 15,976 (6,222 14,846	12/24/2018 13,456 13,087 12,864 12,802 13,049 13,568 14,465 15,359 16,561 17,384 17,400 17,103 16,650 16,320 16,312	12/25/2018 13,938 13,374 13,122 12,914 13,067 13,428 13,712 14,531 15,114 15,515 15,816 15,753 14,757 14,307 13,496 13,548	12/26/2018 13,068 12,678 12,565 12,531 12,837 13,898 15,568 17,443 18,103 18,333 18,149 17,959 17,468 17,059 17,468 17,057	12/27/2018 14,376 13,787 13,720 13,504 13,717 14,411 16,134 17,321 17,899 18,226 18,558 18,692 18,657 18,664 18,279 18,381	12/28/2018 13,999 13,689 13,356 12,946 12,973 13,355 15,073 16,214 16,227 16,539 17,051 17,133 17,217 17,026 16,659 16,354	12/29/2018 13,797 13,269 13,065 12,972 13,079 13,370 13,834 14,958 15,613 16,146 16,258 16,639 15,855 16,133 15,655 15,422	12/30/2018 13,669 13,170 13,160 13,073 13,060 13,372 13,822 14,589 15,021 15,452 15,251 15,194 15,114 14,698 14,361 13,613	12/31/2018 13,954 13,551 13,424 13,356 13,336 13,893 14,869 15,815 16,434 16,735 17,017 17,252 17,484 17,388 17,094 16,451
2000         17,116         20,499         20,911         20,553         19,967         19,222         16,756         16,695         15,895         14,927         17,414         18,219         17,630         16,049         16,025         15,541           2100         16,933         20,207         20,727         20,433         19,748         19,121         16,783         16,481         15,591         15,232         17,151         17,611         17,310         15,777         15,939         15,304           2200         16,345         19,575         20,072         19,774         19,212         18,840         16,219         15,989         15,491         14,844         16,618         16,828         16,832         15,392         15,321         14,818           2300         15,836         18,267         18,897         18,705         18,268         17,597         15,561         15,160         15,157         14,310         15,755         15,890         16,279         14,814         14,903         14,057           2400         15,800         17,699         17,974         17,758         17,301         15,727         14,825         14,297         14,470         13,700         14,874         14,788         14,184	Date Hour 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600	12/16/2018 14,228 13,683 13,466 13,435 13,572 13,535 14,025 15,136 15,512 15,789 15,617 15,436 15,271 14,632 14,388 13,894 14,704	12/17/2018 15,687 15,374 15,222 15,572 16,836 18,757 20,305 20,825 20,780 20,748 20,748 20,468 20,268 19,602 19,672 18,183 18,654	12/18/2018 17,147 16,656 16,722 16,580 16,925 18,104 19,875 21,202 21,808 21,516 21,252 20,720 20,340 20,341 19,587 18,800 19,265	12/19/2018 17,396 16,797 16,582 16,566 17,058 18,042 19,803 21,209 21,571 21,758 21,111 21,674 20,263 20,796 19,385 18,947 19,509	12/20/2018 16,985 16,408 16,372 16,552 17,504 19,108 20,458 20,851 20,903 20,903 20,903 21,003 20,025 19,624 19,869	12/21/2018 16,472 15,825 15,912 15,719 16,047 17,005 18,526 19,840 20,052 20,469 20,605 20,240 20,308 20,587 20,308 20,587 20,308 20,587 20,308 20,587 20,308 20,587 20,308 20,587 20,308 20,587 20,308 20,587 20,308 20,587 20,308 20,587 20,308 20,587 20,308 20,587 20,308 20,587 20,595 20,587 20,595 20,587 20,587 20,587 20,587 20,595 20,587 20,587 20,587 20,587 20,587 20,587 20,587 20,587 20,587 20,587 20,587 20,587 20,587 20,587 20,595 20,587 20,587 20,595 20,587 20,595 20,587 20,587 20,595 20	12/22/2018 14,756 14,293 14,050 13,958 14,007 14,468 14,958 16,111 16,752 17,233 17,673 17,540 17,481 17,138 16,921 16,423 16,430	12/23/2018 14,120 13,615 13,359 13,205 13,198 13,398 13,855 14,714 15,282 15,506 15,668 15,955 16,080 15,976 16,222 14,846 15,003	12/24/2018 13,456 13,087 12,864 12,802 13,049 13,568 14,465 15,359 15,889 16,561 17,384 17,400 17,103 16,650 16,320 16,312 16,280	12/25/2018 13,938 13,374 13,122 12,914 13,067 13,428 13,712 14,531 15,114 15,515 15,816 15,753 14,757 14,307 13,496 13,548 13,623	12/26/2018 13,068 12,678 12,565 12,531 12,837 13,898 15,568 17,443 18,103 18,333 18,149 17,959 17,468 17,050 16,481 15,797 15,655	12/27/2018 14,376 13,787 13,720 13,504 13,717 14,411 16,134 17,321 17,899 18,226 18,558 18,692 18,657 18,664 18,279 18,381 18,135	12/28/2018 13,999 13,689 13,356 12,946 12,973 13,355 15,073 16,214 16,227 16,539 17,051 17,133 17,217 17,026 16,659 16,354 16,874	12/29/2018 13,797 13,269 13,065 12,972 13,079 13,370 13,834 14,958 15,613 16,146 16,258 16,639 15,855 16,133 15,655 15,422 15,399	12/30/2018 13,669 13,170 13,160 13,073 13,060 13,372 13,822 14,589 15,021 15,452 15,251 15,194 15,114 14,698 14,361 13,613 14,163	12/31/2018 13,954 13,551 13,424 13,356 13,336 13,893 14,869 15,815 16,434 16,735 17,017 17,252 17,484 17,388 17,094 16,451 16,152
2100       16,933       20,207       20,727       20,433       19,748       19,121       16,783       16,481       15,591       15,232       17,151       17,611       17,310       15,777       15,939       15,304         2200       16,345       19,575       20,072       19,774       19,212       18,840       16,219       15,989       15,491       14,844       16,618       16,828       16,832       15,392       15,321       14,818         2300       15,836       18,267       18,897       18,705       18,268       17,597       15,561       15,160       15,157       14,310       15,755       15,800       16,279       14,814       14,903       14,057         2400       15,800       17,699       17,974       17,758       17,301       15,777       15,939       15,301       14,075         2400       15,800       17,699       17,974       17,758       17,301       15,777       14,825       14,297       14,470       13,700       14,874       14,788       14,184       14,382       13,157         Total       362,084       431,430       466,846       466,728       459,248       447,385       384,231       361,782       368,339       342,667<	Date Hour 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1300 1400 1500 1600 1700	12/16/2018 14,228 13,683 13,466 13,435 13,572 13,535 14,025 15,136 15,512 15,789 15,617 15,436 15,271 14,632 14,388 13,894 14,704 16,385	12/17/2018 15,687 15,374 15,222 15,142 15,572 16,836 18,757 20,305 20,825 20,780 20,748 20,468 20,268 19,802 19,672 18,183 18,654 19,964	12/18/2018 17,147 16,656 16,722 16,580 16,925 18,104 19,875 21,202 21,808 21,516 21,252 20,720 20,340 20,341 19,587 18,800 19,265 20,334	12/19/2018 17,396 16,797 16,582 16,566 17,058 18,042 19,803 21,209 21,571 21,758 21,111 21,674 20,263 20,796 19,385 18,947 19,509 20,392	12/20/2018 16,985 16,408 16,372 16,502 17,504 19,108 20,458 20,851 20,903 20,905 21,003 20,905 21,003 20,025 19,624 19,629 20,025	12/21/2018 16,472 15,825 15,912 15,719 16,047 17,005 18,526 19,840 20,052 20,469 20,605 20,240 20,308 20,587 20,302 19,693 19,693 19,764 19,836	12/22/2018 14,756 14,293 14,050 13,958 14,007 14,468 14,958 16,752 17,233 17,673 17,540 17,481 17,138 16,921 16,423 16,430 16,978	12/23/2018 14,120 13,615 13,359 13,205 13,198 13,398 13,855 14,714 15,282 15,506 15,668 15,955 16,080 15,976 16,222 14,846 15,003 16,354	12/24/2018 13,456 13,087 12,864 12,802 13,049 13,568 14,465 15,359 15,889 16,561 17,384 17,400 17,103 16,650 16,320 16,312 16,280 16,851	12/25/2018 13,938 13,374 13,122 12,914 13,067 13,428 13,712 14,531 15,114 15,515 15,816 15,753 14,757 14,307 13,496 13,548 13,623 14,619	12/26/2018 13,068 12,678 12,565 12,531 12,837 13,898 15,568 17,443 18,103 18,333 18,149 17,959 17,468 17,050 16,481 15,797 15,655 16,889	12/27/2018 14,376 13,787 13,720 13,504 13,717 14,411 16,134 17,321 17,899 18,226 18,558 18,657 18,664 18,279 18,381 18,135 18,403	12/28/2018 13,999 13,689 13,356 12,946 12,973 13,355 15,073 16,214 16,227 16,539 17,051 17,133 17,217 17,026 16,659 16,354 16,874 16,874	12/29/2018 13,797 13,269 13,065 12,972 13,079 13,370 13,834 14,958 15,613 16,146 16,258 16,639 15,855 16,133 15,655 15,422 15,399 16,102	12/30/2018 13,669 13,170 13,160 13,073 13,060 13,372 13,822 14,589 15,021 15,452 15,251 15,194 15,114 14,698 14,361 13,613 14,163 15,742	12/31/2018 13,954 13,551 13,424 13,356 13,336 13,893 14,869 15,815 16,434 16,735 17,017 17,252 17,484 17,388 17,094 16,451 16,152 16,578
2200       16,345       19,575       20,072       19,774       19,212       18,840       16,219       15,989       15,491       14,844       16,618       16,828       16,832       15,392       15,321       14,818         2300       15,836       18,267       18,897       18,705       18,268       17,597       15,561       15,160       15,157       14,310       15,755       15,890       16,279       14,814       14,903       14,057         2400       15,800       17,699       17,974       17,758       17,301       15,727       14,825       14,297       14,470       13,700       14,874       14,788       14,738       14,184       14,382       13,157         Total       362,084       431,430       466,846       466,728       459,248       447,385       384,231       361,782       368,339       342,667       381,840       402,572       380,918       360,172       349,397       369,769	Date Hour 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1300 1300 1300 13	12/16/2018 14,228 13,683 13,466 13,435 13,572 13,535 14,025 15,136 15,512 15,789 15,617 15,436 15,271 14,632 14,388 13,894 14,704 16,385 17,346	12/17/2018 15,687 15,374 15,222 15,142 15,572 16,836 18,757 20,305 20,780 20,780 20,780 20,788 20,268 19,802 19,672 18,183 18,654 19,964 20,623	12/18/2018 17,147 16,656 16,722 16,580 16,925 18,104 19,875 21,202 21,808 21,516 21,252 20,720 20,340 20,381 19,587 18,800 19,265 20,334 21,051	12/19/2018 17,396 16,797 16,582 16,566 17,058 18,042 19,803 21,209 21,571 21,758 21,111 21,758 21,111 21,674 20,263 20,796 19,385 18,947 19,509 20,392 20,646	12/20/2018 16,985 16,408 16,372 16,252 17,504 19,108 20,458 20,851 20,903 20,905 21,003 20,905 21,003 20,905 21,003 20,905 21,003 20,905 21,003 20,025 19,624 19,869 20,388 20,415	12/21/2018 16,472 15,825 15,912 15,719 16,047 17,005 18,526 19,840 20,052 20,469 20,605 20,240 20,308 20,587 20,302 19,693 19,764 19,836 19,876	12/22/2018 14,756 14,293 14,050 13,958 14,007 14,468 14,958 16,111 16,752 17,233 17,673 17,540 17,481 17,138 16,921 16,423 16,430 16,978	12/23/2018 14,120 13,615 13,359 13,205 13,198 13,398 13,398 13,398 13,855 14,714 15,282 15,506 15,668 15,955 16,080 15,976 16,222 14,846 15,003 16,354 16,804	12/24/2018 13,456 13,087 12,864 12,802 13,049 13,568 14,465 15,359 16,561 17,384 17,400 17,103 16,650 16,320 16,312 16,280 16,851 16,355	12/25/2018 13,938 13,374 13,122 12,914 13,067 13,428 13,712 14,531 15,114 15,515 15,816 15,753 14,575 14,307 13,496 13,548 13,623 14,619 15,020	12/26/2018 13,068 12,678 12,565 12,531 12,837 13,898 15,568 17,443 18,103 18,333 18,149 17,959 17,468 17,050 16,481 15,797 15,655 16,889 17,556	12/27/2018 14,376 13,787 13,720 13,504 13,717 14,411 16,134 17,321 17,899 18,226 18,558 18,652 18,654 18,654 18,654 18,654 18,351 18,403 18,372	12/28/2018 13,999 13,689 13,356 12,946 12,973 13,355 15,073 16,214 16,227 16,539 17,051 17,133 17,217 17,026 16,659 16,354 16,874 17,617 17,827	12/29/2018 13,797 13,269 13,065 12,972 13,079 13,370 13,834 14,958 15,613 16,146 16,258 16,699 15,855 16,133 15,655 15,422 15,399 16,102 16,330	$\begin{array}{c} 12/30/2018\\ 13,669\\ 13,170\\ 13,160\\ 13,073\\ 13,060\\ 13,372\\ 13,822\\ 14,589\\ 15,021\\ 15,452\\ 15,251\\ 15,452\\ 15,251\\ 15,194\\ 15,114\\ 14,698\\ 14,361\\ 13,613\\ 14,163\\ 15,742\\ 16,303\\ \end{array}$	12/31/2018 13,954 13,551 13,424 13,356 13,336 13,893 14,869 15,815 16,434 16,735 17,017 17,252 17,484 17,388 17,094 16,451 16,152 16,578 16,109
2300       15,836       18,267       18,897       18,705       18,268       17,597       15,561       15,160       15,157       14,310       15,755       15,890       16,279       14,814       14,903       14,057         2400       15,800       17,699       17,974       17,758       17,301       15,727       14,825       14,297       14,470       13,700       14,874       14,788       14,738       14,184       14,382       13,157         Total       362,084       431,430       466,846       466,728       459,248       447,385       384,231       361,782       368,339       342,667       381,840       402,572       380,918       360,172       349,397       369,769	Date Hour 100 200 300 400 500 600 700 800 900 1000 1200 1300 1400 1500 1500 1600 1700 1800 1900 2000	12/16/2018 14,228 13,683 13,466 13,435 13,572 13,535 14,025 15,136 15,512 15,789 15,617 15,617 15,617 14,632 14,388 13,894 14,704 16,385 17,346 17,116	12/17/2018 15,687 15,374 15,222 15,142 15,572 16,836 18,757 20,305 20,825 20,780 20,748 20,748 20,748 20,748 20,748 20,748 20,748 20,748 20,748 20,748 20,748 20,748 20,748 20,748 20,748 20,748 20,749 20,623 20,623 20,629	12/18/2018 17,147 16,656 16,722 16,580 16,925 18,104 19,875 21,202 21,808 21,516 21,252 20,720 20,340 20,381 19,587 18,800 19,265 20,334 21,051 20,911	12/19/2018 17,396 16,797 16,582 16,566 17,058 18,042 19,803 21,209 21,571 21,758 21,111 21,674 20,263 20,796 19,385 18,947 19,509 20,646 20,553	12/20/2018 16,985 16,408 16,372 16,552 17,504 19,108 20,458 20,851 20,905 21,003 20,905 21,003 20,025 19,624 19,869 20,388 20,415 19,967	12/21/2018 16,472 15,825 15,912 15,719 16,047 17,005 18,526 19,840 20,052 20,469 20,052 20,240 20,308 20,587 20,302 19,663 19,764 19,863 19,676 19,222	12/22/2018 14,756 14,293 14,050 13,958 14,007 14,468 14,958 16,111 16,752 17,233 17,673 17,540 17,481 17,138 16,921 16,423 16,430 16,977 16,756	12/23/2018 14,120 13,615 13,359 13,205 13,198 13,398 13,855 14,714 15,282 15,506 15,566 15,565 16,080 15,976 16,222 14,846 15,003 16,354 16,804 16,695	12/24/2018 13,456 13,087 12,864 12,802 13,049 13,568 14,465 15,359 16,561 17,384 17,400 17,103 16,650 16,320 16,312 16,280 16,851 16,335 15,895	12/25/2018 13,938 13,374 13,122 12,914 13,067 13,428 13,712 14,531 15,114 15,515 15,816 15,753 14,757 14,307 13,496 13,548 13,623 14,619 15,020 14,927	12/26/2018 13,068 12,678 12,565 12,531 12,837 13,898 15,568 17,443 18,103 18,333 18,149 17,959 17,468 17,050 16,481 15,797 15,655 16,889 17,556 17,414	12/27/2018 14,376 13,787 13,504 13,504 13,517 14,411 16,134 17,321 17,899 18,226 18,657 18,664 18,657 18,664 18,279 18,381 18,135 18,403 18,372 18,219	12/28/2018 13,999 13,689 13,356 12,946 12,973 13,355 15,073 16,214 16,227 16,539 17,051 17,133 17,217 17,026 16,659 16,354 16,874 17,617 17,827 17,630	12/29/2018 13,797 13,269 13,065 12,972 13,079 13,370 13,834 14,958 15,613 16,146 16,258 16,639 15,855 16,133 15,655 15,422 15,399 16,102 16,330 16,049	$\begin{array}{c} 12'30/2018\\ 13,669\\ 13,170\\ 13,073\\ 13,060\\ 13,372\\ 13,822\\ 14,589\\ 15,021\\ 15,452\\ 15,251\\ 15,194\\ 15,114\\ 14,698\\ 14,361\\ 13,613\\ 14,163\\ 15,742\\ 16,303\\ 16,025\\ \end{array}$	12/31/2018 13,954 13,551 13,424 13,356 13,336 13,893 14,869 15,815 16,434 16,735 17,017 17,252 17,484 17,388 17,094 16,451 16,152 16,578 16,109 15,541
2400         15,800         17,699         17,974         17,758         17,301         15,727         14,825         14,297         14,470         13,700         14,874         14,788         14,738         14,184         14,382         13,157           Total         362,084         431,430         466,846         466,728         459,248         447,385         384,231         361,782         368,339         342,667         381,840         402,572         380,918         360,172         349,397         369,769	Date Hour 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1300 1400 1500 1600 1700 1800 1700 2000 2100	12/16/2018 14,228 13,683 13,466 13,435 13,572 13,535 14,025 15,136 15,512 15,789 15,617 15,436 15,271 14,632 14,388 13,894 14,704 16,385 17,346 17,116 16,933	12/17/2018 15,687 15,374 15,222 15,142 15,572 16,836 18,757 20,305 20,825 20,780 20,748 20,748 20,468 20,268 19,802 19,672 18,183 18,654 19,964 20,623 20,499 20,207	12/18/2018 17,147 16,656 16,722 16,580 16,925 18,104 19,875 21,202 21,808 21,516 21,252 20,720 20,340 20,341 19,587 18,800 19,265 20,334 21,051 20,911 20,927	12/19/2018 17,396 16,797 16,582 16,566 17,058 18,042 19,803 21,209 21,571 21,758 21,111 21,674 20,263 20,796 19,385 18,947 19,509 20,392 20,646 20,553 20,433	12/20/2018 16,985 16,408 16,372 16,252 17,504 19,108 20,458 20,851 20,903 20,905 21,003 20,905 21,003 20,925 19,624 19,869 20,388 20,415 19,967 19,748	12/21/2018 16,472 15,825 15,912 15,719 16,047 17,005 18,526 19,840 20,052 20,469 20,605 20,240 20,308 20,587 20,308 20,587 20,308 19,693 19,693 19,764 19,836 19,676 19,222 19,121	12/22/2018 14,756 14,293 14,050 13,958 14,007 14,468 14,958 16,111 16,752 17,233 17,673 17,673 17,540 17,481 17,138 16,921 16,423 16,430 16,978 16,978 16,978 16,978	12/23/2018 14,120 13,615 13,359 13,205 13,198 13,885 14,714 15,282 15,506 15,668 15,955 16,080 15,976 16,222 14,846 15,003 16,354 16,695 16,481	12/24/2018 13,456 13,087 12,864 12,802 13,049 13,568 14,465 15,359 15,889 16,561 17,384 17,400 17,103 16,650 16,312 16,280 16,851 16,355 15,895 15,591	12/25/2018 13,938 13,374 13,122 12,914 13,067 13,428 13,712 14,531 15,114 15,515 15,816 15,753 14,757 14,307 13,496 13,548 13,623 14,619 15,020 14,927 15,232	12/26/2018 13,068 12,678 12,551 12,837 13,898 15,568 17,443 18,103 18,333 18,149 17,959 17,468 17,050 16,481 15,797 15,655 16,889 17,555 16,889 17,555	12/27/2018 14,376 13,787 13,720 13,504 13,717 14,411 16,134 17,321 17,899 18,226 18,558 18,692 18,657 18,664 18,279 18,381 18,135 18,403 18,372 18,219 17,611	12/28/2018 13,999 13,689 13,356 12,946 12,973 13,355 15,073 16,214 16,227 16,539 17,051 17,133 17,217 17,026 16,659 16,354 16,874 17,617 17,827 17,630 17,310	12/29/2018 13,797 13,269 13,065 12,972 13,079 13,370 13,834 14,958 15,613 16,146 16,258 16,6133 15,655 15,452 15,399 16,102 16,330 16,049 15,777	12/30/2018 13,669 13,170 13,160 13,073 13,060 13,372 13,822 14,589 15,021 15,452 15,251 15,194 15,114 14,698 14,361 13,613 14,163 15,742 16,303 16,025 15,939	12/31/2018 13,954 13,551 13,424 13,356 13,336 13,893 14,869 15,815 16,434 16,735 17,017 17,252 17,484 17,388 17,094 16,451 16,152 16,578 16,109 15,541 15,304
Total 362,084 431,430 466,846 466,728 459,248 447,385 384,231 361,782 368,339 342,667 381,840 402,572 380,918 360,172 349,397 369,769	Date Hour 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1500 1600 1700 1800 1900 2000 2100	12/16/2018 14,228 13,683 13,466 13,435 13,572 13,535 14,025 15,136 15,512 15,789 15,617 15,436 15,271 14,632 14,388 13,894 14,704 16,385 17,346 17,116 16,933 16,345	12/17/2018 15,687 15,374 15,222 15,142 15,572 16,836 18,757 20,305 20,780 20,780 20,780 20,780 20,780 20,780 20,780 20,780 20,780 20,780 20,780 20,780 20,780 20,780 20,268 19,802 19,672 18,183 18,654 19,964 20,623 20,499 20,207 19,575	12/18/2018 17,147 16,656 16,722 16,580 16,925 18,104 19,875 21,202 21,808 21,516 21,252 20,720 20,340 20,341 19,587 18,800 19,265 20,334 21,051 20,911 20,727 20,072	12/19/2018 17,396 16,797 16,582 16,566 17,058 18,042 19,803 21,209 21,571 21,758 21,111 21,758 21,111 21,674 20,263 20,796 19,385 18,947 19,509 20,646 20,553 20,433 19,774	12/20/2018 16,985 16,408 16,372 16,252 17,504 19,108 20,458 20,851 20,905 21,003 20,905 21,003 20,905 21,003 20,025 19,624 19,629 20,025 19,624 19,689 20,388 20,415 19,967 19,748 19,212	12/21/2018 16,472 15,825 15,912 15,719 16,047 17,005 18,526 19,840 20,052 20,469 20,605 20,240 20,308 20,308 20,307 20,302 19,693 19,676 19,222 19,121 18,840	12/22/2018 14,756 14,293 14,050 13,958 14,007 14,468 14,958 16,111 16,752 17,233 17,673 17,540 17,481 17,138 16,921 16,423 16,430 16,978 16,917 16,763 16,783 16,219	12/23/2018 14,120 13,615 13,359 13,205 13,198 13,398 13,855 14,714 15,282 15,506 15,668 15,955 16,080 15,976 16,222 14,846 15,003 16,354 16,804 16,695 16,481 15,989	12/24/2018 13,456 13,087 12,864 12,802 13,049 13,568 14,465 15,359 16,561 17,384 17,400 17,103 16,650 16,320 16,312 16,280 16,851 16,335 15,895 15,591 15,491	12/25/2018 13,938 13,374 13,122 12,914 13,067 13,428 13,712 14,531 15,114 15,515 15,816 15,753 14,757 14,307 13,496 13,548 13,623 14,619 15,020 14,927 15,232 14,844	12/26/2018 13,068 12,678 12,565 12,531 12,837 13,898 15,568 17,443 18,103 18,333 18,149 17,959 17,468 17,050 16,481 15,797 15,655 16,889 17,556 17,414 17,151 16,618	12/27/2018 14,376 13,787 13,720 13,504 13,717 14,411 16,134 17,321 17,899 18,226 18,558 18,657 18,664 18,279 18,381 18,135 18,403 18,372 18,219 17,611 16,828	12/28/2018 13,999 13,689 13,356 12,946 12,973 13,355 15,073 16,214 16,227 16,539 17,051 17,133 17,217 17,026 16,659 16,659 16,854 16,874 17,617 17,827 17,630 17,310 16,832	12/29/2018 13,797 13,269 13,065 12,972 13,079 13,370 13,834 14,958 15,613 16,146 16,258 16,639 15,855 16,133 15,655 15,422 15,399 16,102 16,330 16,049 15,777 15,392	$\begin{array}{c} 12'30/2018\\ 13,669\\ 13,170\\ 13,160\\ 13,073\\ 13,060\\ 13,372\\ 13,822\\ 14,589\\ 15,021\\ 15,452\\ 15,251\\ 15,194\\ 15,114\\ 14,698\\ 14,361\\ 13,613\\ 14,163\\ 15,742\\ 16,303\\ 16,025\\ 15,939\\ 15,321\\ \end{array}$	12/31/2018 13,954 13,551 13,424 13,356 13,336 13,893 14,869 15,815 16,434 16,735 17,017 17,252 17,484 17,388 17,094 16,451 16,152 16,578 16,109 15,541 15,504 14,818
	Date Hour 100 200 300 400 600 700 800 900 1000 1200 1300 1400 1500 1600 1500 1600 1700 1800 2000 2200 2200 2300	$12/16/2018\\ 14,228\\ 13,683\\ 13,466\\ 13,435\\ 13,572\\ 13,535\\ 14,025\\ 15,136\\ 15,512\\ 15,789\\ 15,617\\ 15,436\\ 15,271\\ 14,632\\ 14,388\\ 13,894\\ 14,704\\ 16,385\\ 17,346\\ 17,116\\ 16,933\\ 16,345\\ 15,836\\ 13,926\\ 13,926\\ 13,926\\ 13,926\\ 13,926\\ 13,926\\ 13,926\\ 13,926\\ 13,926\\ 13,926\\ 13,926\\ 14,926\\ 13,926\\ 14,926\\ 14,926\\ 15,926\\ $	12/17/2018 15,687 15,374 15,222 15,142 15,572 16,836 18,757 20,825 20,780 20,748 20,468 20,268 19,802 19,672 18,183 18,654 19,964 20,623 20,499 20,207 19,575 18,267	12/18/2018 17,147 16,656 16,722 16,580 16,925 18,104 19,875 21,202 21,808 21,516 21,252 20,720 20,340 20,341 19,587 18,800 19,265 20,334 21,051 20,911 20,921 20,727 20	12/19/2018 17,396 16,797 16,582 16,566 17,058 18,042 19,803 21,209 21,571 21,758 21,111 21,674 20,263 20,796 19,385 18,947 19,509 20,392 20,646 20,553 20,433 19,774 18,705	12/20/2018 16,985 16,408 16,372 16,552 17,504 19,108 20,851 20,905 21,003 20,905 21,903 20,905 21,903 20,905 21,904 19,964 19,967 19,748 19,748 19,974 19,748 19,974 19,748 19	12/21/2018 16,472 15,825 15,912 15,719 16,047 17,005 18,526 19,840 20,052 20,469 20,605 20,240 20,308 20,587 20,302 19,693 19,764 19,836 19,676 19,222 19,121 18,840 17,597	12/22/2018 14,756 14,293 14,050 13,958 14,007 14,468 14,958 16,111 16,752 17,233 17,540 17,481 17,481 17,481 17,481 16,921 16,423 16,430 16,978 16,977 16,756 16,753 16,219 15,561	12/23/2018 14,120 13,615 13,359 13,205 13,198 13,398 13,398 13,398 13,398 13,398 14,714 15,282 15,506 15,668 15,976 16,222 14,846 15,003 16,354 16,804 16,695 16,481 15,989 15,160	12/24/2018 13,456 13,087 12,864 12,802 13,049 13,568 14,465 15,359 16,561 17,384 17,400 17,103 16,650 16,320 16,312 16,280 16,851 16,335 15,895 15,591 15,591	12/25/2018 13,938 13,374 13,122 12,914 13,067 13,428 13,712 14,531 15,114 15,515 15,816 15,753 14,757 14,307 13,496 13,548 13,623 14,619 15,020 14,927 15,232 14,844 14,310	12/26/2018 13,068 12,678 12,565 12,531 12,837 13,898 15,568 17,443 18,103 18,333 18,149 17,959 17,468 17,050 16,481 15,797 15,655 16,889 17,556 17,414 17,151 16,618 15,755	12/27/2018 14,376 13,787 13,720 13,504 13,717 14,411 16,134 17,321 17,899 18,226 18,657 18,664 18,575 18,664 18,279 18,381 18,135 18,403 18,372 18,219 17,611 16,828 15,890	12/28/2018 13,999 13,689 13,356 12,946 12,973 13,355 15,073 16,214 16,227 16,539 17,051 17,133 17,217 17,026 16,659 16,354 16,874 17,617 17,827 17,630 17,310 16,832 16,279	12/29/2018 13,797 13,269 13,065 12,972 13,079 13,370 13,834 14,958 15,613 16,146 16,258 16,639 15,855 16,133 15,655 15,422 15,399 16,102 16,330 16,049 15,777 15,392 14,814	$\begin{array}{c} 12'30/2018\\ 13,669\\ 13,170\\ 13,160\\ 13,073\\ 13,060\\ 13,372\\ 13,822\\ 14,589\\ 15,021\\ 15,452\\ 15,251\\ 15,114\\ 15,114\\ 14,698\\ 14,361\\ 13,613\\ 14,163\\ 15,742\\ 16,303\\ 16,025\\ 15,939\\ 15,321\\ 14,903\\ \end{array}$	12/31/2018 13,954 13,551 13,424 13,356 13,336 13,893 14,869 15,815 16,434 16,735 17,017 17,252 17,484 17,388 17,094 16,451 16,152 16,578 16,109 15,541 15,304 14,818 14,057
Maximum 22,610 Minimum 12,531 Grand Total 12,959,517	Date Hour 100 200 300 400 600 700 800 900 1000 1200 1300 1400 1500 1600 1500 1600 1700 1800 2000 2200 2200 2300	$12/16/2018\\ 14,228\\ 13,683\\ 13,466\\ 13,435\\ 13,572\\ 13,535\\ 14,025\\ 15,136\\ 15,512\\ 15,789\\ 15,617\\ 15,436\\ 15,271\\ 14,632\\ 14,388\\ 13,894\\ 14,704\\ 16,385\\ 17,346\\ 17,116\\ 16,933\\ 16,345\\ 15,836\\ 13,926\\ 13,926\\ 13,926\\ 13,926\\ 13,926\\ 13,926\\ 13,926\\ 13,926\\ 13,926\\ 13,926\\ 13,926\\ 14,926\\ 13,926\\ 14,926\\ 14,926\\ 15,926\\ $	12/17/2018 15,687 15,374 15,222 15,142 15,572 16,836 18,757 20,825 20,780 20,748 20,468 20,268 19,802 19,672 18,183 18,654 19,964 20,623 20,499 20,207 19,575 18,267	12/18/2018 17,147 16,656 16,722 16,580 16,925 18,104 19,875 21,202 21,808 21,516 21,252 20,720 20,340 20,341 19,587 18,800 19,265 20,334 21,051 20,911 20,921 20,727 20	12/19/2018 17,396 16,797 16,582 16,566 17,058 18,042 19,803 21,209 21,571 21,758 21,111 21,674 20,263 20,796 19,385 18,947 19,509 20,392 20,646 20,553 20,433 19,774 18,705	12/20/2018 16,985 16,408 16,372 16,552 17,504 19,108 20,851 20,905 21,003 20,905 21,903 20,905 21,903 20,905 21,904 19,964 19,967 19,748 19,748 19,974 19,748 19,974 19,748 19	12/21/2018 16,472 15,825 15,912 15,719 16,047 17,005 18,526 19,840 20,665 20,469 20,665 20,240 20,308 20,587 20,302 19,693 19,676 19,222 19,121 18,840 17,597 15,727	12/22/2018 14,756 14,293 14,050 13,958 14,007 14,468 14,958 16,111 16,752 17,233 17,540 17,481 17,481 17,481 17,481 16,921 16,423 16,430 16,978 16,977 16,756 16,753 16,219 15,561	12/23/2018 14,120 13,615 13,359 13,205 13,198 13,398 13,398 13,398 13,398 13,398 14,714 15,282 15,506 15,668 15,976 16,222 14,846 15,003 16,354 16,804 16,695 16,481 15,989 15,160	12/24/2018 13,456 13,087 12,864 12,802 13,049 13,568 14,465 15,359 16,561 17,384 17,400 17,103 16,650 16,320 16,312 16,280 16,851 16,335 15,895 15,591 15,591	12/25/2018 13,938 13,374 13,122 12,914 13,067 13,428 13,712 14,531 15,114 15,515 15,816 15,753 14,757 14,307 13,496 13,548 13,623 14,619 15,020 14,927 15,232 14,844 14,310	12/26/2018 13,068 12,678 12,565 12,531 12,837 13,898 15,568 17,443 18,103 18,333 18,149 17,959 17,468 17,050 16,481 15,797 15,655 16,889 17,556 17,414 17,151 16,618 15,755	12/27/2018 14,376 13,787 13,720 13,504 13,717 14,411 16,134 17,321 17,899 18,226 18,657 18,664 18,575 18,664 18,279 18,381 18,135 18,403 18,372 18,219 17,611 16,828 15,890	12/28/2018 13,999 13,689 13,356 12,946 12,973 13,355 15,073 16,214 16,227 16,539 17,051 17,133 17,217 17,026 16,659 16,354 16,874 17,617 17,827 17,630 17,310 16,832 16,279	12/29/2018 13,797 13,269 13,065 12,972 13,079 13,370 13,834 14,958 15,613 16,146 16,258 16,639 15,855 16,133 15,655 15,422 15,399 16,102 16,330 16,049 15,777 15,392 14,814	$\begin{array}{c} 12'30/2018\\ 13,669\\ 13,170\\ 13,160\\ 13,073\\ 13,060\\ 13,372\\ 13,822\\ 14,589\\ 15,021\\ 15,452\\ 15,251\\ 15,114\\ 15,114\\ 14,698\\ 14,361\\ 13,613\\ 14,163\\ 15,742\\ 16,303\\ 16,025\\ 15,939\\ 15,321\\ 14,903\\ \end{array}$	12/31/2018 13,954 13,551 13,424 13,356 13,336 13,893 14,869 15,815 16,434 16,735 17,017 17,252 17,484 17,388 17,094 16,451 16,152 16,578 16,109 15,541 15,304 14,818 14,057
	Date Hour 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1300 1400 1500 1600 1600 1600 1600 2000 2000 2100 2200 2300 2400	12/16/2018 $14,228$ $13,683$ $13,466$ $13,435$ $13,572$ $13,575$ $14,025$ $15,136$ $15,512$ $15,789$ $15,617$ $15,436$ $15,271$ $14,632$ $14,388$ $13,894$ $14,704$ $16,385$ $17,346$ $17,116$ $16,933$ $16,345$ $15,836$ $15,800$	12/17/2018 15,687 15,374 15,222 15,142 15,572 16,836 18,757 20,305 20,325 20,780 20,748 20,682 19,602 19,672 18,183 18,654 19,964 20,623 20,499 20,207 19,575 18,267 17,699	12/18/2018 17,147 16,656 16,722 16,580 16,925 18,104 19,875 21,202 21,808 21,516 21,252 20,720 20,340 20,340 20,381 19,587 18,800 19,265 20,334 21,051 20,911 20,727 20,072 18,897 17,974	12/19/2018 17,396 16,797 16,582 16,566 17,058 18,042 19,803 21,209 21,571 21,758 21,111 21,674 20,263 20,796 19,385 18,947 19,509 20,392 20,646 20,553 20,433 19,774 18,705 17,758	12/20/2018 16,985 16,408 16,372 16,502 17,504 19,108 20,458 20,851 20,905 21,003 20,905 21,003 20,905 21,003 20,905 21,003 20,925 19,624 19,869 20,388 20,415 19,967 19,748 19,212 18,268 17,301	12/21/2018 16,472 15,825 15,912 15,719 16,047 17,005 18,526 19,840 20,665 20,469 20,665 20,240 20,308 20,587 20,302 19,693 19,676 19,222 19,121 18,840 17,597 15,727	$12/22/2018\\ 14,756\\ 14,293\\ 14,050\\ 13,958\\ 14,007\\ 14,468\\ 14,958\\ 16,111\\ 16,752\\ 17,233\\ 17,673\\ 17,540\\ 17,481\\ 17,138\\ 16,921\\ 16,423\\ 16,430\\ 16,978\\ 16,917\\ 16,753\\ 16,783\\ 16,219\\ 15,561\\ 14,825\\ 14,825\\ 12,122\\ 14,825\\ 12,122\\ 14,825\\ 14,825\\ 12,122\\ 14,825\\ $	12/23/2018 14,120 13,615 13,359 13,205 13,198 13,398 13,855 14,714 15,282 15,506 15,668 15,955 16,080 15,976 16,222 14,846 15,003 16,354 16,695 16,481 15,989 15,160 14,297	12/24/2018 13,456 13,087 12,864 12,802 13,049 13,568 14,465 15,359 15,889 16,561 17,384 17,400 17,103 16,650 16,312 16,280 16,851 16,335 15,895 15,591 15,491 15,157 14,470	12/25/2018 13,938 13,374 13,122 12,914 13,067 13,428 13,712 14,531 15,114 15,515 15,816 15,753 14,757 14,307 13,496 13,548 13,623 14,619 15,020 14,927 15,232 14,844 14,310 13,700 342,667	12/26/2018 13,068 12,678 12,565 12,531 12,837 13,898 15,568 17,443 18,333 18,149 17,959 17,468 17,050 16,481 15,797 15,655 16,889 17,556 17,414 17,151 16,618 15,755 14,874 381,840	12/27/2018 14,376 13,787 13,720 13,504 13,717 14,411 16,134 17,321 17,899 18,226 18,558 18,652 18,657 18,664 18,279 18,381 18,135 18,403 18,372 18,219 17,611 16,828 15,890 14,788	12/28/2018 13,999 13,689 13,356 12,946 12,973 13,355 15,073 16,214 16,227 16,539 17,051 17,133 17,217 17,026 16,659 16,659 16,859 16,874 17,617 17,827 17,630 17,310 16,832 16,279 14,738 380,918	12/29/2018 13,797 13,269 13,065 12,972 13,079 13,370 13,834 14,958 15,613 16,146 16,258 16,639 15,855 16,133 15,655 15,422 15,399 16,102 16,330 16,049 15,777 15,392 14,814 14,184	12/30/2018 13,669 13,170 13,160 13,073 13,060 13,372 13,822 14,589 15,021 15,452 15,251 15,194 15,114 14,698 14,361 14,163 15,742 16,303 16,025 15,939 15,321 14,903 14,382 349,397	12/31/2018 13,954 13,551 13,424 13,356 13,336 13,893 14,869 15,815 16,434 16,735 17,017 17,252 17,484 17,388 17,094 16,451 16,152 16,578 16,109 15,541 15,541 15,541 15,541 15,541 15,541 15,541 15,541







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

2019 FEBRUARY BILLING - EL	ECTRIC	PSCAF ·		MPARISION		PE	RIODS				
Rate Comparisons to Prior Month ar											
			Current	Prior Month	Prior Year				Current	Prior Month	Prior Year
	Service	Service	February	January	February		Service	Service	February	January	February
Customer Type	Usage	Units	2019 Rate	2019 Rate	2018 Rate		Usage	Units	2019 Rate	2019 Rate	2018 Rate
<u>Customer Type -&gt;</u>		RESIDI	ENTIAL USE	R - (w/Gas He	eat)			RESID	ENTIAL USE	ER - (All Electr	ic)
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	\$21.49	\$14.43		1,976	kWh	\$43.53	\$43.41	\$29.15
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	\$124.17	\$117.11				\$235.96	\$235.84	\$221.58
Weter	•	0.05	<b><b><b></b></b></b>	<b><b><b></b></b></b>	<b>\$40.00</b>		44	0.05	<b>#01.00</b>	<b>\$00.44</b>	<b>\$75.05</b>
Water	6	CCF	\$55.35	\$50.55	\$46.23		11	CCF	\$91.89	\$83.14	\$75.25
Sewer (w/Stm.Sew. & Lat.)	6	CCF	\$74.13	\$70.89	\$70.89		11	CCF	\$104.83	\$98.89	\$98.89
Storm Water (Rate/ERU)			\$9.50	\$9.50	\$9.50				\$9.50	\$9.50	\$9.50
Refuse (Rate/Service)			\$18.00	\$18.00	\$18.00				\$18.00	\$18.00	\$18.00
Sub Other Services			¢456.00	¢4.40.04					¢224.22	¢200 52	
Sub-Other Services			\$156.98	\$148.94	\$144.62				\$224.22	\$209.53	\$201.64
Total Billing - All Services			\$281.21	\$273.11	\$261.73	H			\$460.18	\$445.37	\$423.22
Verification Totals->			\$281.21	\$273.11	\$261.73				\$460.18	\$445.37	\$423.22
				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				\$8.10	\$19.48					\$14.81	\$36.96
% Inc/Dec(-) to Prior Periods				2.97%	7.44%					3.33%	8.73%
==============	= = = = =	= = = = =	======	= = = = = = = = = = = = = = = = = = = =		= =	= = = = =	= = = = =	= = = = = = = =	========	
Cost/kWH - Electric	978	kWh	¢0 40700	\$0.12696	\$0.11974		4.070	kWh	\$0.11941	\$0.11935	\$0.11214
	9/0	KVVII	\$0.12702	\$0.12696 0.05%	6.08%		1,976	KVVII	<b>Ф</b> 0.11941		
% Inc/Dec(-) to Prior Periods				0.05%	0.00%					0.05%	6.48%
Cost/CCF - Water	6	CCF	\$9.22500	\$8.42500	\$7.70500	H	11	CCF	\$8.35364	\$7.55818	\$6.84091
Cost/GALLONS - Water	4,488	GAL	\$0.01233	\$0.01126	\$0.01030		8,229	GAL	\$0.01117	\$0.01010	\$0.00914
% Inc/Dec(-) to Prior Periods				9.50%	19.73%					10.52%	22.11%
						Ц					
Cost/CCF - Sewer	6	CCF	\$12.35500	\$11.81500	\$11.81500		11	CCF	\$9.53000	\$8.99000	\$8.99000
Cost/GALLON - Sewer	4,488	GAL	\$0.01652	\$0.01580	\$0.01580		8,229	GAL	\$0.01274	\$0.01202	\$0.01202
% Inc/Dec(-) to Prior Periods				4.57%	4.57%	ļļ				6.01%	6.01%
(Listed Accounts Assume SAME USA	jE for kWF	and Wate	r (CCF) for All E	<u> Billing Periods)</u>							

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

2019 FEBRUARY BILLING - EL											
Rate Comparisons to Prior Month a											
			Current	Prior Month	Prior Year				Current	Prior Month	Prior Year
	Service	Service	February	January	February		Service	Service	February	January	February
Customer Type	Usage	Units	2019 Rate	2019 Rate	2018 Rate		Usage	<u>Units</u>	2019 Rate	2019 Rate	2018 Rate
<u>Customer Type -&gt;</u>	<u>C(</u>	<u>OMMERC</u>	IAL USER -	<u>(3 Phase w/De</u>			<u>/N</u>	<u>IDUSTRI</u>	<u>AL USER - (</u>	<u>'3 Phase w/De</u>	
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	\$154.67	\$103.84				\$18,126.35	\$18,076.98	\$12,136.34
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	\$957.05	\$906.22				\$86,361.08	\$86,311.71	\$80,371.07
		005	¢400.47	<b>\$170.00</b>	<b>\$450.07</b>		000	0.05	<b>0</b> 450 04	<b>\$1,000,11</b>	<b>\$4 7</b> 00 04
Water	25	CCF	\$190.17	\$170.92	\$153.37		300	CCF	\$2,152.61	\$1,936.11	\$1,736.81
Sewer (w/Stm.Sew. & Lat.)	25	CCF	\$192.19	\$178.69	\$177.29		300	CCF	\$1,880.69	\$1,718.69	\$1,717.29
Storm Water (Rate/ERU)			\$9.50	\$9.50	\$9.50				\$330.00	\$330.00	\$330.00
Refuse (Rate/Service)			\$5.00	\$5.00	\$5.00				\$5.00	\$5.00	\$5.00
		-							<u> </u>		
Sub-Other Services			\$396.86	\$364.11	\$345.16				\$4,368.30	\$3,989.80	\$3,789.10
Total Billing - All Services		-	\$1,354.33	\$1,321.16	\$1,251.38	H			\$90,729.38	\$90,301.51	\$84,160.17
Verification Totals->			\$1,354.33	\$1,321.16	\$1,251.38	H			\$90,729.38	\$90,301.51	\$84,160.17
			<i>\$1,001.00</i>	Cr.Mo to Pr.Mo	Cr.Yr to Pr.Yr				<i>\(\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>	<u>Cr.Mo to Pr.Mo</u>	<u>Cr.Yr to Pr.Yr</u>
Dollar Chg.to Prior Periods				\$33.17	\$102.95					\$427.87	\$6,569.21
% Inc/Dec(-) to Prior Periods				2.51%	8.23%					0.47%	7.81%
= = = = = = = = = = = = = = = = = = = =	====	=====	= = = = = = = = = =	========	========	=	= = = = =	= = = = =	= = = = = = = =	========	========
Cost/kWH - Electric	7.040	k\A/h	¢0 43600	¢0 12504	¢0 40070		966 409	k\///b	¢0 00074	\$0.09965	¢0,00000
	7,040	kWh	\$0.13600	\$0.13594	\$0.12872	Η	866,108	kWh	\$0.09971		\$0.09280
% Inc/Dec(-) to Prior Periods				0.04%	5.66%					0.06%	7.45%
Cost/CCF - Water	25	CCF	\$7.60680	\$6.83680	\$6.13480		300	CCF	\$7.17537	\$6.45370	\$5.78937
Cost/GALLONS - Water	18,701	GAL	\$0.01017	\$0.00914	\$0.00820		224,415	GAL	\$0.00959	\$0.00863	\$0.00774
% Inc/Dec(-) to Prior Periods				11.26%	23.99%					11.18%	23.94%
			<b>A- - - - - - -</b>	A	<b>A- - - - - - -</b>				<b>*</b> • • • • • • • • • • • • • • • • • • •	<b>A - - - - - -</b>	<b>A</b>
Cost/CCF - Sewer	25	CCF	\$7.68760	\$7.14760	\$7.09160		300	CCF	\$6.26897	\$5.72897	\$5.72430
Cost/GALLON - Sewer	18,701	GAL	\$0.01028	\$0.00956	\$0.00948		224,415	GAL	\$0.00838	\$0.00766	\$0.00765
% Inc/Dec(-) to Prior Periods				7.55%	8.40%					9.43%	9.52%
(Listed Accounts Assume SAME USA	[					-					
		1				1					

#### BILLING DETERMINANTS

2019 - FEBRUARY BILLING WITH DEC	EMBER 2		BILLING PERIOL	AND JANUARY	2019 CITY CO	NSUMPTION A		DATA							
	Dete	Jan-19					Cost / kWH	Feb-18				Mar-18			
Class and/or Schedule	Rate	# of	Jan-19	Jan-19	Billed kVa	Cost / kWH	Prior 12 Mo	# of	Feb-18	Feb-18	Cost / kWH	# of	Mar-18	Mar-18	Cost / kV
Residential (Dom-In)	Code E1 -	Bills	(kWh Usage)	Billed	of Demand	For Month	Average	Bills	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)	Billed	For Mon
Residential (Dom-In) w/Ecosmart	EIE	3,329	2,091,530 3,404	\$272,665.07 \$459.27	0	\$0.1304	\$0.1252	3,343	2,600,843	\$315,462.64	\$0.1213	3,335	2,361,100	\$298,911.41	\$0.12
Residential (Dom-In - All Electric)	E2	608	614,990	\$459.27	0	\$0.1349 \$0.1267	\$0.1274 \$0.1230	602	4,499	\$559.08	\$0.1243	8	4,002	\$520.81	\$0.13
Res. Dom-In - All Elec.) w/Ecosmart	E2E	1	585	\$76.68	0	\$0.1207	\$0.1250	602	864,143 535	\$101,722.88 \$66.78	\$0.1177 \$0.1248	606	786,539	\$96,518.49	
Total Residential (Domestic)		3,946	2,710,509	\$351,137.29	0	\$0.1295	\$0.1248	3,954	3,470,020	\$417,811.38	\$0.1240	3,950	3,152,164	\$396,018.49	
Residential (Rural-Out)	ER1	774	786,974	R400 504 00		to 4050	60.4040								
Residential (Rural-Out) w/Ecosmart	ER1E	4	3,143	\$106.504.33 \$434.51	0	\$0.1353 \$0,1382	\$0.1310 \$0.1343	771	986,496	\$124,341.31	\$0.1260	771	908,972	\$119,325.99	\$0.13
Residential (Rural-Out - All Electric)	ER2	371	481,455	\$64,120.63	0	\$0.1362	\$0.1343	4	4,035 639,067	\$517.35	\$0.1282 \$0.1241	4	3,609	\$483.33	\$0.1
Res. (Rural-Out - All Electric) w/Ecosmar		2	2,654	\$353.13	0	\$0.1331	\$0.1294	2	3,571	\$79,311.81 \$442.41	\$0.1241	376	583,114	\$75,345.72	\$0.1
Residential (Rural-Out w/Dmd)	ER3	16		\$19,780.75	680	\$0.1259	\$0.1247	16		\$11,174.66	\$0.1239	16	3,058	\$395.64	\$0.1
Residential (Rural-Out - All Electric w/Dm		9	21,723	\$2,811.78	187	\$0.1294	\$0.1289	9	11,992	\$1,508.09	\$0.1155	9		\$3,325.21 \$1,502.79	\$0.12 \$0.13
otal Residential (Rural)	-	1,176	1,453,087	\$194,005.13	867	\$0.1335	\$0.1301	4.470							
		1,170	1,455,007	a134,003.13	007	\$0.1355	\$0.1301	1,179	1,738,647	\$217,295.63	\$0.1250	1,178	1,536,054	\$200,378.68	\$0.1
Commercial (1 Ph-In - No Dmd)	EC2	72	33,835	\$5,516.43	9	\$0.1630	\$0.1583	73	43,883	\$6,642.26	\$0.1514	74	41,741	\$6,562.97	\$0.15
Commercial (1 Ph-Out - No Dmd)	EC20	- 50	14,955	\$2,644.10	0	\$0.1768	\$0.1982	48	12,402	\$2,206.58	\$0.1779	48	10,219	\$1,966.08	\$0.1
otal Commercial (1 Ph) No Dmd	_	122	48,790	\$8,160.53	9	\$0.1673	\$0.1663	121	56,285	\$8,848.84	\$0.1572	122	51,960	\$8,529.05	\$0.1
Commercial (1 Ph-In - w/Demand)	EC1	258	287,417	\$45,278.62	1669	\$0.1575	\$0.1514	261	328.599	\$48,114.24	\$0.1464	261	339,671		
Commercial (1 Ph-Out - w/Demand)	EC10 -	- 24	43,614	\$6,291.91	165	\$0.1443	\$0.1375	25	50,064	\$6,772.87	\$0.1464	201	52,526	\$51,012.55 \$7,223.28	\$0.15
															φ0.10
Fotal Commercial (1 Ph) w/Demand	_	282	331,031	\$51,570.53	1,834	\$0.1558	\$0.1496	286	378,663	\$54,887.11	\$0.1449	286	392,197	\$58,235.83	\$0.14
Commercial (3 Ph-Out - No Dmd)	EC40	2	18,800	\$2.635.31	78	\$0.1402	\$0.1415	2	30,880	\$4,075.47	\$0.1320	2	1,400	\$226.32	\$0.16
Total Commercial (3 Ph) No Dmd		2	18,800	\$2,635.31	78	\$0.1402	\$0.1415	2	30,880	\$4,075.47	\$0.1320	2	1,400	\$226.32	\$0.16
Commercial (3 Ph-In - w/Demand)	EC3	214	1,695,547	\$262,209,45	12165	\$0.1546	\$0.1357	206	1,371,679	\$179,694.62	\$0.1310	204	1,414,470	\$190,732.90	FO. 47
Commercial (3 Ph-Out - w/Demand)	EC30-	37	419,781	\$56,966.14	1582	\$0.1357	\$0.1347	37	387,026	\$50,165.48	\$0.1296	37	336,281	\$45,317.24	\$0.13
Commercial (3 Ph-Out - w/Dmd.&Sub-St.	E3SO -	3	95,160	\$12,496.97	385	\$0.1313	\$0.1252	3	121,400	\$14,925.35	\$0.1230	37	128,240		\$0.13
Commercial (3 Ph-In - w/Demand, No Ta:		1	1,680	\$235.69	5	\$0.1403	\$0.1354	1	1,880	\$246.39	\$0.1311	1	1,920	\$16,205.40 \$259.83	\$0.12
otal Commercial (3 Ph) w/Demand	_	255	2,212,168	\$331,908.25	14,137	\$0.1500	\$0.1349	247	1,881,985	\$245,031.84	\$0.1302	245	1,880,911	\$252,515.37	\$0.1
attic Rewardle, w/Deed & Debi	<b>F1.4</b>		4 503 400												
arge Power (In - w/Dmd & Rct)	EL1 EL2	15	1,597,489	\$180,631.84	3643	\$0.1131	\$0.1095	20	1,814,927	\$198,455.18	\$0.1093	20	2,068,532	\$229,984.97	\$0.1
arge Power (In - w/Dmd & Rct, w/SbCr)	EL2 EL20	3	1,025,490	\$110,924.41	2186	\$0.1082	\$0.1002	3	966,577	\$96,296.51	\$0.0996	3	949,906	\$96,998.93	\$0.10
arge Power (Out - w/Dmd & Rct, w/SbC arge Power (In - w/Dmd & Rct, w/SbCr)	EL20	2	469,200	\$52,762.88	1036	\$0.1125	\$0.1093	1	367.200	\$41,884.75	\$0.1141	1	523,200	\$56,086.13	\$0.1
arge Power (In - w/Dind & Rct, w/SbCr)	EL3		58,800	\$6,223.37	108	\$0.1058	\$0.1557	2	116,013	\$10,980.28	\$0.0946	2	110.023	\$10,673.16	\$0.09
otal Large Power		21	3,150,979	\$350,542.50	6,973	\$0.1112	\$0.1078	26	3,264,717	\$347,616.72	\$0.1065	26	3,651,661	\$393,743.19	\$0.10
ndustrial (In - w/Dmd & Rct, w/SbCr)	EI1 -	- 1	979,077	\$99.325.81	1886	\$0.1014	\$0.0968	1	839,013	\$84,432.41	\$0.1006	4	1,048,501	\$101,993.48	to or
ndustrial (In - w/Dmd & Rct, No/SbCr)	El2 -	- 1	759,385	\$79.525.88	1575	\$0.1047	\$0.0981	1	589,615	\$64,585.76	\$0.1095	1	749,970	\$75,744.35	\$0.09 \$0.10
otal Industrial		2	1,738,462	\$178,851.69	3,461	\$0.1029	\$0.0974	2	1,428,628	\$149,018.17	\$0.1043	2	1,798,471	\$177,737.83	\$0.09
And and a set of the set															
nterdepartmental (In - No Dmd)	ED1 -	- 9	30,783	\$4,036.98	73	\$0.1311	\$0.1308	9	63,930	\$7,771.28	\$0.1216	10	60,747	\$7,601.39	\$0.12
iterdepartmental (Out - w/Dmd)	ED20	2	251	\$58.94	0	\$0.2348	\$0.1972	2	257	\$57.92	\$0.2254	2	265	\$60,17	\$0.22
iterdepartmental (In - w/Dmd) iterdepartmental (3Ph-In - w/Dmd)	ED2 ED3	29	66,602	\$9,567.47	0	\$0.1437	\$0.1416	30	85,669	\$11,592.07	\$0.1353	27	72,209	\$10,123.32	\$0.14
Iterdepartmental (Street Lights)	EDSL	10 5	147,035 14.608	\$19,433.31 \$1,408.20	464	\$0.1322	\$0.1288	11	317.586	\$38,870.80	\$0.1224	11	280,875	\$35,935.72	\$0.12
terdepartmental (Traffic Signals)	EDTS-	- 8	1,606	\$148.50	0	\$0.0964	\$0.0931 \$0.0925	7	63,071	\$5,866.74	\$0.0930	7	63,071	\$5,859.59	\$0.09
enerators (JV2 Power Cost Only)	GJV2	. 1	19,321	\$700.19	52	\$0.0925	\$0.0925	9	1,772 30,393	\$163.83	\$0.0925	9	1,800	\$166.43	\$0.0
enerators (JV5 Power Cost Only)	GJV5	0	0	\$0.00	0	\$0.0000	\$0.0000	1	19,852	\$1,009.05 \$659.09	\$0.0332 \$0.0332	1	27,905	\$375.32 \$217.65	\$0.0° \$0.0°
otal Interdepartmental		64	280,206	\$35,353.59	589	\$0.1262	\$0.1173	70	582,530	\$65,990.78	\$0.1133	68	523,054	\$60,339.59	\$0.1
UB-TOTAL CONSUMPTION & DEMAN		5,870	11,944,032	\$1,504,164.82	27,948	\$0.1259	\$0.1185	5,887	12,832,355	\$1,510,575.94	\$0.1177	5,879	12,987,872	\$1,547,724.35	\$0.1
					*********								SCHERCER .		
treet Lights (In)	SLO-	- 14	0	\$13.43	0	\$0.0000	\$0.0459	13	0	\$13.28	\$0.0000	13	0	\$13.28	\$0.00
treet Lights (Out)	3LUU -	_ 2	0	\$1.91	0	\$0.0000	\$0.0000	2	0	\$1.91	\$0.0000	2	0	\$1.91	\$0.00
otal Street Light Only		16	0	\$15.34	0	\$0.0000	\$0.0519	15	0	\$15.19	\$0.0000	15	0	\$15.19	\$0.00
OTAL CONSUMPTION & DEMAND		5,886	11,944,032	\$1,504,180.16	27,948	\$0.1259	\$0.1185	5,902	12,832,355	\$1,510,591,13	\$0.1177	5,894	12,987,872	\$1 547 720 54	\$0.11
	_					+ 01 TR.00	+0.1100		12,032,333	\$1,510,591.13	40.1111		12,987,872	\$1,547,739.54	

BILLING SUMMARY AND					1												
FEBRUARY, 2019 2019 - FEBRUARY BILLING WITH DECE	MBER 20																
	-	Apr-18				May-18				Jun-18				Jun-18			
Class and/or	Rate	# of	Apr-18	Apr-18	Cost / kWH	# of	May-18	May-18	Cost / kWH	# of	Jun-18	Jun-18	Cost / kWH	# of	Jun-18	Jun-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	3,327	1,844,873	\$230,921.77	\$0.1252	3,338	2,025,759	\$250,458,51	\$0.1236			\$206,075.76	\$0.1260				
Residential (Dom-In) w/Ecosmart	E1E	8	3,412	\$438.16	\$0.1284	8	3,653		\$0.1269								
Residential (Dom-In - All Electric)	E2	606						\$463.51					\$0.1287		*1		
		000	573,242	\$69,171.99	\$0.1207	599		\$73,494.30	\$0.1196		393,792	\$48,468.41	\$0.1231	609	393,792	\$48,468.41	1 \$0.1231
Res.(Dom-in - All Elec.) w/Ecosmart	E2E	1	464	\$59.06	\$0.1273	1	499	\$62.77	\$0.1258	1	440	\$56.08	\$0.1275	i 1	440	\$56.08	8 \$0.1275
Total Residential (Domestic)		3,942	2,421,991	\$300,590.98	\$0.1241	3,946	2,644,524	\$324,479.09	\$0.1227	3,953	2,032,478	\$255,014.03	\$0.1255	3,953			-
Residential (Rural-Out)	ER1	770	740.040	A00.004.70	#0.4007												J 30.1200
		772	716,346	\$92,931.50	\$0.1297	772		\$98,209.08	\$0.1285	778	587,622	\$77,418.16	\$0.1317	778	587,622	\$77,418.16	5 \$0.1317
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,843	\$378.47	\$0.1331	4	=1000	\$383.51	\$0.1322	4	1,927	\$268.34	\$0.1393	3 4	1,927	\$268.34	4 \$0.1393
Residential (Rural-Out - All Electric)	ER2	376	442,647	\$56,439.39	\$0.1275	375	466,587	\$59,001.30	\$0.1265	376	340,371	\$44,096.83	\$0.1296	376	340.371		
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2	2,323	\$296.55	\$0.1277	2	2,756	\$346.45	\$0.1257	2		\$252.62	\$0.1287				
Residential (Rural-Out w/Dmd)	ER3	16	29,177	\$3,628.53	\$0.1244	16		\$2,837.29	\$0.1254								
Residential (Rural-Out - All Electric w/Dm	ER4	9		\$1,229.34	\$0.1284	9			\$0.1280			\$4,559.30	\$0.1225				
					· · · · · · · · · · · · · · · · · · ·			\$1,210.66	30.1200	9	7,732	\$1,006.25	\$0.1301	9	7,732	\$1,006.25	5 \$0.1301
Total Residential (Rural)		1,179	1,202,907	\$154,903.78	\$0.1288	1,178	1,268,478	\$161,988.29	\$0.1277	1,185	976,825	\$127,601.50	\$0.1306	1,185	976,825	\$127,601.50	\$0.1306
Commercial (1 Ph-In - No Drnd)	EC2	73	34,316	\$5,405.33	\$0.1575	73	20 400	CE 075 14	\$0.1556		A4 000	04.000 01	00 4800	-			
Commercial (1 Ph-Out - No Dmd)	EC20						36,466	\$5,675.44		71		\$4,977.81	\$0.1589				
	2020	48	7,512	\$1,569.60	\$0.2089	48	7,657	\$1,584.22	\$0.2069	48	6,691	\$1,457.49	\$0.2178	48	6,691	\$1,457.49	\$0.2178
Total Commercial (1 Db) No Dout		404	44.6775									*********					
Total Commercial (1 Ph) No Dmd		121	41,828	\$6,974.93	\$0.1668	121	44,123	\$7,259.66	\$0.1645	119	38,014	\$6,435.30	\$0.1693	119	38,014	\$6,435.30	\$0.1693
Commercial (1 Ph-In - w/Demand)	EC1	259	288,035	\$43,656,94	\$0,1516	260	307,573	\$45,594.90	\$0,1482	261	280.232	\$40.004 27	CO 4207	000	000.000	P / 0 004	00.100
Commercial (1 Ph-Out - w/Demand)	EC10	25	46,069	\$6,223.64	\$0.1351							\$42,801.57	\$0.1527	261			
commercial (111-out - w/beinand)	LUIU	160	40,009	<b>Q0,223.04</b>	\$0.1351	25	48,846	\$6,563.38	\$0.1344	25	44,323	\$5,986.77	\$0.1351	25	44,323	\$5,986.77	\$0.1351
Total Commercial (4 Db) (Domond		004			44.4444	********			[[]]								
Total Commercial (1 Ph) w/Demand		284	334,104	\$49,880.58	\$0.1493	285	356,419	\$52,158.28	\$0.1463	286	324,555	\$48,788.34	\$0.1503	286	324,555	\$48,788.34	\$0.1503
Commercial (3 Ph-Out - No Dmd)	EC4O	2	80	\$46.57	\$0.5821	2	160	\$57.04	\$0.3565	2	160	\$57.06	\$0.3566	2	160	\$57.06	\$0.3566
Total Commercial (3 Ph) No Dmd	_	2	80	\$46.57	\$0.5821	2	160	\$57.04	\$0.3565	2	160	\$57.06	\$0.3566	2		\$57.06	\$0.3566
										-	100	\$37.00	40.0000		100	\$57.06	\$0.000
Commercial (3 Ph-In - w/Demand)	EC3	205	1,352,644	\$177,660.41	\$0.1313	206	1,259,932	\$167,538.58	\$0.1330	208	1,329,700	\$176,847.10	\$0.1330	208	1,329,700	\$176,847.10	\$0,1330
Commercial (3 Ph-Out - w/Demand)	EC3O	37	302,403	\$40,173.61	\$0,1328	37	291,806	\$38,489.64	\$0.1319	37	249,671	\$34,289.25	\$0.1373	37		\$34,289.25	\$0.1373
Commercial (3 Ph-Out - w/Dmd.&Sub-St.	E3SO	3	116,440	\$14,345.25	\$0.1232	3		\$13,817.29	\$0.1225								
Commercial (3 Ph-In - w/Demand, No Ta:	EC3T	1	1,840	\$244.53	\$0.1329					3		\$13,732.62	\$0.1228	3		\$13,732.62	
outino da (or ir in moundaid, no ra.	2001		0+0,1		30.1329	1	1,560	\$211.67	\$0.1357	1	1,760	\$231.87	\$0.1317	1	1,760	\$231.87	\$0.1317
Total Commercial (3 Ph) w/Demand		246	1,773,327	\$232,423.80	\$0.1311	247	1,666,058	\$220,057.18	\$0.1321	249	1,692,931	\$225,100.84	\$0.1330	249	1,692,931	\$225,100.84	\$0.1330
Large Power (In - w/Dmd & Rct)	EL1	20	1,817,901	\$205.936.91	\$0,1133	20	1,963,523	\$210,241.35	\$0,1071		0.010.001						
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3			\$0.0993					20	2,043,094	\$218,841.15	\$0.1071	20		\$218,841.15	\$0.1071
			969,637	\$96,304.33		3	1,045,153	\$100,795.15	\$0.0964	3	1,039,022	\$101,982.44	\$0.0982	3	1,039,022	\$101,982,44	\$0.0982
Large Power (Out - w/Dmd & Rct, w/SbC	EL2O	1	444,000	\$47,885.41	\$0.1079	1	471,600	\$50,751.07	\$0.1076	1	465,600	\$50,028.09	\$0.1074	1	465,600	\$50.028.09	\$0.1074
Large Power (in - w/Dmd & Rct, w/SbCr)	EL3	2	96,895	\$9,570.11	\$0.0988	2	90,319	\$16,168.72	\$0,1790	2		\$14,415.51	\$0.2547	2	56,601	\$14,415.51	\$0.2547
Table Barrier									Contraction of the			·····	φ0.2041		100,00	\$14,415.51	\$U.2347
Total Large Power	-	26	3,328,433	\$359,696.76	\$0.1081	26	3,570,595	\$377,956.29	\$0.1059	26	3,604,317	\$385,267.19	\$0.1069	26	3,604,317	\$385,267.19	\$0.1069
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1	992,995	\$96.681.73	\$0.0974	1	1,108,376	\$103,727.01	\$0,0936	1	1 000 000	\$06 070 70	\$0.0050		1 000 000	000 070 70	80.0000
Industrial (In - w/Drnd & Rct, No/SbCr)	EI2	1	736,520	\$72,152,25	\$0.0974						1,020,923	\$96,972.73	\$0.0950		1,020,923	\$96,972.73	\$0.0950
1	6.1£			\$12,152.25	Φ <b>0.0980</b>		786,160	\$74,992.99	\$0.0954	1	834,510	\$78,206.94	\$0.0937	1	834,510	\$78,206.94	\$0.0937
Total Industrial		2	1,729,515	\$168,833.98	\$0.0976	2	1,894,536	\$178,720.00	\$0.0943	2	1,855,433	\$175,179.67	\$0.0944	2	1,855,433	\$175,179.67	\$0.0944
Interdepartmental (In - No Dmd)	ED1	9	48,986	\$6,069.77	\$0.1239	0	47.000	CE 010 07	10 10 10		00.05-		60 10/1	L			
Interdepartmental (Out - w/Dmd)	ED1 ED20					9	47,900	\$5,970.07	\$0.1246	11	30,233	\$4,061.10	\$0.1343	11		\$4,061.10	\$0.1343
		2	249	\$57.06	\$0.2292	2	383	\$74.54	\$0,1946	2	375	\$73.51	\$0.1960	2	375	\$73.51	\$0.1960
Interdepartmental (In - w/Dmd)	ED2	27	52,880	\$7,304.00	\$0.1381	27	55,096	\$7,563.78	\$0,1373	27	26,820	\$3,855.19	\$0.1437	27		\$3,855,19	\$0,1437
Interdepartmental (3Ph-in - w/Dmd)	ED3	11	247,163	\$31,549.71	\$0.1276	11	235,246	\$29,667.69	50,1261	11	214,351	\$28,052.21	\$0.1309	11		\$28,052.21	\$0.1309
Interdepartmental (Street Lights)	EDSL	7	63,071	\$5,855.66	\$0.0928	7	63,071	\$5,867.78	\$0.0930	7	63,071	\$5,846.52	\$0.0927	7	63,071	\$5.846.52	\$0.0927
Interdepartmental (Traffic Signals)	EDTS	9	1,574	\$145.53	\$0.0925	9	1,683										
Generators (JV2 Power Cost Only)	GJV2	- 1	22,929	\$567.95	\$0.0323			\$155.62	\$0.0925	9		\$134.83	\$0.0925	9	1,458	\$134.83	\$0.0925
Generators (JV5 Power Cost Only)	GJV5	- 1				1	23,658	\$606.35	\$0.0256	1		\$666.32	\$0.0338	1	19,731	\$666.32	\$0.0338
Generators (3V3 Power Cost Only)	0375	1	14,121	\$349.78	\$0.0248	1	15,046	\$399.17	\$0.0265	1	12,430	\$419.76	\$0.0338	1	12,430	\$419.76	\$0.0338
Total Interdepartmental		67	450,973	\$51,899.46	\$0.1151	67	442,083	\$50,305.00	\$0.1138	69	368,469	\$43,109.44	\$0.1170	69	368,469	\$43,109.44	\$0.1170
SUB-TOTAL CONSUMPTION & DEMAND	-	5,869	11,283,158	\$1,325,250.84	\$0.1175	5,874	11,886,976	\$1,372,980.83	\$0.1155	5,891	10,893,182	\$1 266 EE2 27	£0 4400	5 004	40.000 400	\$4 000 CEO 07	
				============	40,1110			\$1,372,300.03	40.1100		10,893,182	\$1,266,553.37	\$0.1163	5,891	10,893,182		\$0.1163
Street Lights (In)	81.0	40		A10.00	******												
	SLO	13	0	\$13.28	\$0.0000	14	3,877	\$30.60	\$0,0079	14	0	\$13.44	\$0.0000	14	0	\$13,44	\$0.0000
Street Lights (Out)	SLOO	2	0	\$1.92	\$0.0000	2	0	\$1.91	\$0.0000	2	0	\$1.92	\$0.0000	2	0	\$1.92	\$0.0000
Total Street Light Only		15	0	\$15.20	\$0.0000	16	3,877	\$32.51	\$0.0084		0	\$15.36	\$0.0000		0	\$15.36	\$0.0000
												*******				÷ 10.00	40.0000
TOTAL CONSUMPTION & DEMAND	ľ	5,884	11,283,158	\$1,325,266.04	\$0.1175	5,890	11,890,853	\$1,373,013.34	\$0.1155	5,907	10,893,182	\$1,266,568.73	\$0.1163	5,907	10,893,182	\$1,266,568.73	\$0.1163

BILLING SUMMARY ANI	<u>) CON</u>																	
FEBRUARY, 2019 2019 - FEBRUARY BILLING WITH DECE	MBER 20	,																-
01	-	Jul-18			-	Aug-18				Sep-18			1	Oct-18				Dec-1
Class and/or	Rate	# of	Jul-18	Jul-18	Cost / kWH	# of	Aug-18	Aug-18	Cost / kWH	# of	Sep-18	Sep-18	Cost / kWH	# of	Oct-18	Oct-18	Cost / kWH	#0
Schedule Desidential (Desc. in)	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	Bills
Residential (Dom-in)	E1	3,338	2,295,429	\$295,529.06	\$0.1287	3,341	3,151,485	\$400,929.74		3,350	3,081,597	\$381,317.28	\$0.1237	3,337	3,092,403	\$370,556.00	\$0.1198	8 3,3
Residential (Dom-In) w/Ecosmart	E1E	8	4,978	\$645.47	\$0.1297	8	6,640	\$850.61	\$0,1281	8	6,146	\$768.44	\$0.1250	8	6,413	\$774.97	\$0.1208	3
Residential (Dom-In - All Electric)	E2	611	391,996	\$50,714.07	\$0.1294	606	481,142	\$61,772.51	\$0,1284	612	480,532	\$59,991.48	\$0.1248	606	477,141	\$57,716.13	\$0.1210	
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	1	574	\$74.89	\$0.1305	1	809	\$103.78	\$0.1283	1	944	\$116.65	\$0.1236	1	882	\$105.98		
Total Residential (Domestic)		3,958	2,692,977	\$346,963.49	\$0.1288	3,956	3,640,076	\$463,656.64	\$0.1274	3,971	3,569,219	\$442,193.85	\$0.1239	3,952	3,576,839	\$429,153.08	\$0.1200	3,9
Residential (Rural-Out)	ER1	781	750,838	\$101,456.97	\$0.1351	787	895.059	\$120.261.79	\$0.1344	785	891,997	\$116.624.29	\$0,1307	783	876,121	\$111.314.51	\$0,1271	1 7
Residential (Rural-Out) w/Ecosmart	ER1E	4	2,824	\$392.21	\$0,1389	4	3,437	\$471.60	\$0.1372	4	3,606	\$479.65	\$0.1330	4	3.496	\$452.74	\$0.1295	
Residential (Rural-Out - All Electric)	ER2	375	401,084	\$53,774.49	\$0.1341	373		\$61.942.20	\$0.1336	373		\$59,978,41	\$0,1300	372	450.295	\$56,878.39		
Res. (Rural-Out - All Electric) w/Ecosmar	ER2E	2	2,000	\$269,44	\$0.1347	2	2,196	\$295.76	\$0.1347	2		\$285.67	\$0.1300				\$0.1263	
Residential (Rural-Out w/Dmd)	ER3	16	26,514	\$3,461.34	\$0.1305	16								2	1,978	\$253.52	\$0.1282	
Residential (Rural-Out - All Electric w/Dm	ER4	9	8,050	\$1,094.00	\$0.1303	9	9,150	\$2,231.69 \$1,238.53	\$0.1352 \$0.1354	16	22,592 9,780	\$2,912.12	\$0.1289 \$0.1311	16	18,482	\$2,340.33	\$0.1266	
							*******				9,760	\$1,281.92	\$0.1311	9	8,778	\$1,125.87	\$0.1283	* 
Fotal Residential (Rural)		1,187	1,191,308	\$160,448.45	\$0.1347	1,191	1,389,983	\$186,441.57	\$0.1341	1,189	1,391,549	\$181,562.06	\$0.1305	1,186	1,359,150	\$172,365.36	\$0.1268	3 1,1
Commercial (1 Ph-In - No Dmd)	EC2	73	34,703	\$5,661.85	\$0.1632	73	35,297	\$5,773.50	\$0.1636	73	38,745	\$6,108,85	\$0,1577	74	38,826	\$5,982,15	\$0,1541	
Commercial (1 Ph-Out - No Dmd)	EC2O	48	7,605	\$1,625.00	\$0.2137	48		\$1,668.23	\$0.2120	48	7,906	\$1,644.36	\$0.2080	48	7,432	\$1,551.72	\$0.1541	
												÷1,011.00	-0.2000		1,402	\$1,001.1Z	¥0.2000	1
Total Commercial (1 Ph) No Dmd	_	121	42,308	\$7,286.85	\$0.1722	121	43,167	\$7,441.73	\$0.1724	121	46,651	\$7,753.21	\$0.1662	122	46,258	\$7,533.87	\$0.1629	1
Commercial (1 Dh In(Dth	504	- ANA	000.07.	A 40 10		-			7.00 1000									
Commercial (1 Ph-In - w/Demand)	EC1	260	306,074	\$48,757.18	\$0.1593	261	348,059	\$54,469.26	\$0.1565	262	398,500	\$59,217.68	\$0.1486	262	448,290	\$63,411.55	\$0.1415	
Commercial (1 Ph-Out - w/Demand)	EC10	25	45,411	\$6,431.09	\$0.1416	25	46,585	\$6,646.59	\$0.1427	25	52,396	\$7,170.55	\$0.1369	25	50,388	\$6,718.61	\$0.1333	3
Total Commercial (1 Ph) w/Demand		285	351,485	\$55,188.27	\$0.1570	286	394,644	\$61,115.85	\$0.1549	287	450,896	\$66,388.23	\$0.1472	287	498,678	\$70,130.16	\$0.1406	
	-													207	430,070	470,130.10	<b>\$0.1400</b>	-
Commercial (3 Ph-Out - No Dmd)	EC4O	2	80	\$47.02	\$0.5878	2	40	\$41.55	\$1.0388	2	40	\$41.40	\$1.0350	2	40	\$41.25	\$1.0313	
Fotal Commercial (3 Ph) No Dmd		2	80	\$47.02	\$0.5878	2	40	\$41.55	\$1.0388	2	40	\$41.40	\$1.0350	2	40	\$41.25	\$1.0313	
Commercial (3 Ph-In - w/Demand)	EC3	208	1,451,198	\$201,102.33	\$0.1386	206	1.726.146	\$237,768.88	\$0.1377	205	1,852,442	\$246.545.64	\$0.1331	207	1.898.554	\$247,165,96	\$0,1302	2 2
Commercial (3 Ph-Out - w/Demand)	EC3O	37	266,981	\$37,840.28	\$0.1417	37	280,489	\$40,004.85	\$0.1426	37	302,193	\$41.843.55	\$0.1385	37	303,888	\$39,846.47	\$0.1311	
Commercial (3 Ph-Out - w/Dmd.&Sub-St.	E3SO	3	115,360	\$14,950.00	\$0.1296	3	123,520	\$15,953.58	\$0.1292		126.360							
Commercial (3 Ph-In - w/Demand, No Ta:	EC3T	1	1,840	\$378.71	\$0.2058	1	5,400	\$755.48	\$0.1292	3	8,880	\$15,879.18 \$1,126.29	\$0.1257 \$0.1268	3	122,920 8,040	\$14,951.02	\$0.1216	
																\$998.75	\$0.1242	İ
Total Commercial (3 Ph) w/Demand		249	1,835,379	\$254,271.32	\$0.1385	247	2,135,555	\$294,482.79	\$0.1379	246	2,289,875	\$305,394.66	\$0.1334	248	2,333,402	\$302,962.20	\$0.1298	2
Large Power (In - w/Dmd & Rct)	EL1	20	2,215,512	\$251,260.17	\$0.1134	20	2,304,703	\$260,458.58	\$0.1130	20	2.452.238	\$263,428.77	\$0.1074	20	2,560,069	\$266,286,49	\$0,1040	
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	3	1,090,293	\$111,938.86	\$0.1027	3	1,044,331	\$109,898.03	\$0,1052	3	1,127,543	\$111,927.95	\$0.0993	3	1,114,476	\$107,148.68	\$0.0961	1
Large Power (Out - w/Dmd & Rct, w/SbCi	EL2O	1	465.600	\$52,786.32	\$0.1134	1	433,200	\$51,043.08	\$0,1178	1	507,600	\$54,558.29	\$0.1075	1	488,400	\$51,626.25		1
Large Power (In - w/Drnd & Rct, w/SbCr)	EL3	2	80,064	\$15,683.06	\$0,1959	2	80,568	\$15.820.11	\$0,1964	2				2			\$0.1057	
	LLU		00,004	\$10,000,00	\$0.1505		00,000	- 315,620,11	QU, 1904	4	80,800	\$13,357.94	\$0.1653	Z	79,122	\$14,827.66	\$0.1874	<u> </u>
Fotal Large Power		26	3,851,469	\$431,668.41	\$0.1121	26	3,862,802	\$437,219.80	\$0.1132	26	4,168,181	\$443,272.95	\$0.1063	26	4,242,067	\$439,889.08	\$0.1037	/
Industrial (In - w/Drnd & Rct, w/SbCr)	EI1	1	1,100,078	\$109,317,34	\$0.0994	1	1,045,201	\$104,990.65	\$0,1005	1	1,140,164	\$108,239.67	\$0.0949	1	1,112,529	\$101,948.30	\$0.0916	
ndustrial (In - w/Dmd & Rct, No/SbCr)	E!2	1	875,036	\$86,537.35	\$0.0989	1	874,860	\$86,734.40	\$0.0991	1	916,506	\$87,069.32	\$0.0950	1	920,929	\$88,265.27	\$0.0958	
fotal Industrial		2	1,975,114	\$195,854.69	\$0.0992	2	1,920,061	\$191,725.05	\$0.0999	2	2,056,670	\$195.308.99	\$0.0950	2	2,033,458	\$190,213.57	\$0.0935	
																	40.0030	
nterdepartmental (In - No Dmd)	ED1	11	40,778	\$5,716.66	\$0.1402	11	48,331	\$6,660.05	\$0.1378	10	48,027	\$6,417.77	\$0.1336	10	27,285	\$3,867.27	\$0.1417	
nterdepartmental (Out - w/Dmd)	ED2O	2	566	\$102.15	\$0.1805	2	670	\$117.07	\$0.1747	2	588	\$103.55	\$0.1761	2	387	\$74.91	\$0.1936	1
nterdepartmental (In - w/Dmd)	ED2	28	25,027	\$3,787.47	\$0.1513	30	24,525	\$3,763.69	\$0.1535	29	23,590	\$3,536.12	\$0.1499	28	20,986	\$3,091.87	\$0.1473	
nterdepartmental (3Ph-In - w/Dmd)	ED3	11	126,536	\$17,385.49	\$0.1374	11	146,015	\$19,879.21	\$0.1361	10	154,527	\$20,179.18	\$0.1306	10	166,786	\$20,894.12	\$0.1253	
nterdepartmental (Street Lights)	EDSL	7	63,071	\$5,867.81	\$0.0930	7	63,071	\$5,865.70	\$0.0930	7	63,071	\$5,868.82	\$0.0931	7	63.071	\$5,866,74	\$0.0930	
nterdepartmental (Traffic Signals)	EDTS	9	1,710	\$158.12	\$0.0925	8	1,455	\$134.54	\$0.0925	8	1.615	\$149.33	\$0.0925	8	1,535	\$141.91	\$0.0924	-
Generators (JV2 Power Cost Only)	GJV2	1	16,343	\$476.89	\$0.0292	1		\$354.19	\$0.0260	1	14.354	\$311.19	\$0.0217	1	14.090	\$382.54	\$0.0271	
Senerators (JV5 Power Cost Only)	GJV5	1	11,874	\$346.48	\$0.0292	1	3,327	\$86.47	\$0.0260	1	6,673	\$144.67	\$0.0217	0	14,050	\$0.00	\$0.0000	
otal Interdepartmental		70	285,905	\$33,841.07	\$0.1184		301,022	\$36,860.92	\$0.1225		312,445	\$36,710.63	\$0.1175	66	294,140	\$34,319.36	\$0.1167	
UB-TOTAL CONSUMPTION & DEMAND																		
UD-TOTAL CONSUMPTION & DEMAND		5,900	12,226,025	\$1,485,569.57	\$0.1215	5,902	13,687,350	\$1,678,985.90	\$0.1227	5,912	14,285,526	\$1,678,625.98	\$0.1175	5,891	14,384,032	\$1,646,607.93	\$0.1145	5,8
itreet Lights (In)	SLO	14	0	\$13.43	\$0.0000	15	0	\$13.58	\$0.0000	14	0	\$13.44	\$0.0000	14	0	\$13.43	\$0.0000	
	SLOO	2	0	\$1.91	\$0.0000	2	0	\$1.92	\$0.0000	2	0	\$1.91	\$0.0000	14	0	\$13.43	\$0.0000	
otal Street Light Only		16	0	\$15.34	\$0.0000			\$15.50	\$0.0000				\$0.0000		0			
			~	+ t 0 1 0 4	40.0000			\$13.30	40.0000	10		\$15.35	\$0.0000	16	U	\$15.35	\$0.0000	-
OTAL CONSUMPTION & DEMAND		5,916	12,226,025	\$1,485,584.91	\$0.1215	5,919	13,687,350	\$1,679,001.40	\$0.1227	5,928	14,285,526	\$1,678,641.33	\$0.1175					

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<b>BILLING SUMMARY AN</b>	D CON												
FEBRUARY, 2019					_								
2019 - FEBRUARY BILLING WITH DEC	EMBER 20				Jan-19				TOTAL	TOTAL	Avg.Cost	Arres Maren	Aug Day B
Class and/or	Rate	Dec-18	Dec-18	Cost / kWH	# of	Jan-19	Jan-19	Cost / kWH	KWH USEAGE	BILLING	Per kWH	Avg.Num. of Bills	Avg.Per.% of Bills
Schedule	Code	(kWh Usage)	Billed	For Month	Bills	(kWh Usage)		For Month	PRIOR 12 MO	PRIOR 12 MO	For Period	For Period	For Perior
Residential (Dom-In)	E1	1,889,216	\$239,798.19	\$0.1269	3,329	2,091,530		\$0.1304	27,704,299	\$3,468,701.19	\$0.1252	3,337	56.5326
Residential (Dom-In) w/Ecosmart	E1E	3,498	\$454.89	\$0.1300	8	3,404		\$0.1349	53,073	\$6,762.77	\$0.1274	8	0.1355
Residential (Dom-In - All Electric)	E2	462,715	\$57,459.73	\$0.1242	608	614,990	\$77,936.27	\$0.1267	6,534,637	\$803,434.67	\$0.1230	607	10.2785
Res.(Dom-In - All Elec.) w/Ecosmart	E2E	488	\$62.77	\$0.1286	1	585	\$76.68	\$0.1311	7,183	\$909.30	\$0.1266	1	0.0169
Total Residential (Domestic)		2,355,917	\$297,775.58	\$0.1264	3,946	2,710,509	\$351,137.29	\$0.1295	34,299,192	\$4,279,807.93	\$0.1248	3,953	66.9636
Residential (Rural-Out)	ER1	708,091	\$93,471.61	\$0.1320	- 774	786,974	\$106,504.33	\$0.1353	9,460,289	\$1,239,277.70	\$0.1310	777	13.1697
Residential (Rural-Out) w/Ecosmart	ER1E	2,889	\$389.65	\$0.1349		3,143	\$434.51	\$0.1382	36,636	\$4,919.70	\$0.1343	4	0.0678
Residential (Rural-Out - All Electric)	ER2	423,283	\$54,944.35			481,455		\$0.1332	5,493,302	\$709,930.35	\$0.1292	374	6.3413
Res. (Rural-Out - All Electric) w/Ecosmar		2,084	\$272.23			2,654	\$353.13	\$0.1331	28,725	\$3,716.04	\$0.1294	2	0.03395
Residential (Rural-Out w/Dmd)	ER3	74,328	\$9,129.46	\$0.1228	- 16		\$19,780.75		561,063	\$69,939.98	\$0.1247	16	0.2710
Residential (Rural-Out - All Electric w/Dm	ER4	26,753	\$3,321.60	\$0.1242	- 9	21,723	\$2,811.78	\$0.1294	142,226	\$18,337.08	\$0.1289	9	0.15255
Total Residential (Rural)		1,237,428	\$161,528.90	\$0.1305	1,176	1,453,087	\$194,005.13	\$0.1335	15,722,241	\$2,046,120.85	\$0.1301	1,183	20.0361
Commercial (1 Ph-In - No Dmd)	EC2	31,350	\$5,072.66	\$0,1618	72	33,835	\$5,516.43	\$0.1630	431,808	\$68,357.06	\$0.1583	73	1.23109
Commercial (1 Ph-Out - No Dmd)	EC2O	11,512	\$2,120.54	\$0.1842	50	14,955	\$2,644.10	\$0.1768	108,452	\$21,495.41	\$0.1982	48	0.81609
Total Commercial (1 Ph) No Dmd		42,862	\$7,193.20	\$0.1678	122	48,790	\$8,160.53	\$0.1673	540,260	\$89,852.47	\$0.1663	121	2.04709
Commercial (1 Ph-In - w/Demand)	EC1	301,216	\$47.0F0.04	£0.4500	0.50	007.007	A 45 075	\$0.4F==					
Commercial (1 Ph-Out - w/Demand)	EC10	42,048	\$47,256.04 \$5,891.05	\$0.1569 \$0.1401	258 24	287,417 43,614	\$45,278.62 \$6,291.91	\$0.1575 \$0.1443	3,913,898 566,593	\$592,372.10 \$77,906.51	\$0.1514 \$0.1375	261 25	4.4144%
Total Commercial (1 Ph) w/Demand		343,264	\$53,147.09	\$0,1548	282	331,031	\$51,570.53	\$0.1558	4,480,491	\$670,278.61	\$0.1496	286	4.8379%
Commercial (3 Ph-Out - No Dmd)	EC4O	0.000										200	
	E040	3,360	\$486.07	\$0.1447	2	18,800	\$2,635.31	\$0.1402	55,200	\$7,812.12	\$0.1415	2	0.0339%
Total Commercial (3 Ph) No Dmd	_	3,360	\$486.07	\$0.1447	2	18,800	\$2,635.31	\$0.1402	55,200	\$7,812.12	\$0.1415	2	0.0339%
Commercial (3 Ph-In - w/Demand)	EC3	1,489,381	\$201,812.93	\$0.1355	214	1,695,547	\$262,209.45	\$0.1546	18,171,393	\$2,465,925.90	\$0.1357	207	3.5066%
Commercial (3 Ph-Out - w/Demand)	EC3O	478,436	\$61,911.19	\$0.1294	37	419,781	\$56,966.14	\$0.1357	3,868,626	\$521,136.95	\$0.1347	37	0.6268%
Commercial (3 Ph-Out - w/Dmd.&Sub-St. Commercial (3 Ph-In - w/Demand, No Ta:		93,080 4,040	\$11,597.88 \$577.48	\$0.1246 \$0.1429	3	95,160 1,680	\$12,496.97 \$235.69	\$0.1313 \$0.1403	1,378,840 40,600	\$172,587.16 \$5,498.56	\$0.1252 \$0.1354	3	0.0508%
Total Commercial (3 Ph) w/Demand		2,064,937	\$275,899.48	\$0.1336	255	2,212,168	\$331,908.25	\$0.1500	23,459,459	\$3,165,148.57	\$0.1349	248	0.0169%
	-											240	4.2012%
Large Power (In - w/Dmd & Rct)	EL1	2,018,869	\$221,370.58	\$0.1097	~ 15	1,597,489	\$180,631.84	\$0.1131	24,899,951	\$2,725,737.14	\$0.1095	20	0.3317%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL2	1,116,708	\$108,755.82	\$0.0974	~ 3	1,025,490	\$110,924.41	\$0.1082	12,528,158	\$1,254,953.55	\$0.1002	3	0.0508%
Large Power (Out - w/Dmd & Rct, w/SbC		514,800	\$54,289.13	\$0.1055	- 1	469,200	\$52,762.88	\$0.1125	5,616,000	\$613,729.49	\$0.1093	1	0.0169%
Large Power (In - w/Dmd & Rct, w/SbCr)	EL3	67,570	\$9,376.88	\$0.1388	~ 2	58,800	\$6,223.37	\$0.1058	973,376	\$151,512.31	\$0.1557	2	0.0339%
Total Large Power		3,717,947	\$393,792.41	\$0.1059	21	3,150,979	\$350,542.50	\$0.1112	44,017,485	\$4,745,932.49	\$0.1078	26	0.4334%
Industrial (In - w/Dmd & Rct, w/SbCr)	EI1	1,028,639	\$99,197.67	\$0.0964	1	979,077	\$99,325.81	\$0.1014	12,436,419	\$1,203,799.53	\$0.0968	1	0.0169%
Industrial (In - w/Dmd & Rct, No/SbCr)	El2	860,021	\$83,657.45	\$0.0973	1	759,385	\$79,525.88	\$0.1047	9,738,022	\$955,678.90	\$0.0981	1	0.0169%
Total Industrial		1,888,660	\$182,855.12	\$0.0968	2	1,738,462	\$178,851.69	\$0.1029	22,174,441	\$2,159,478.43	\$0.0974	2	0.0339%
Interdepartmental (In - No Dmd)	ED1	30,855	\$4,238.59	\$0.1374	9	30,783	\$4,036.98	\$0.1311	508,088	\$66,472.03	\$0.1308	10	0.1680%
Interdepartmental (Out - w/Dmd)	ED2O	263	\$59.43	\$0.2260	2	251	\$58.94	\$0.2348	4,629	\$912.76	\$0.1972	2	0.0339%
Interdepartmental (In - w/Dmd)	ED2	50,475	\$7,088.03	\$0.1404	29	66,602	\$9.567.47	\$0.1437	530,699	\$75,128.20	\$0.1416	28	0.4743%
Interdepartmental (3Ph-In - w/Dmd)	ED3	144,770	\$18,717.77	\$0.1293	10	147,035	\$19,433.31	\$0.1322	2,395,241	\$308,617.42	\$0.1288	11	0.1807%
Interdepartmental (Street Lights)	EDSL	14,659	\$1,417.65	\$0.0967	5	14,608	\$1,408.20	\$0.0964	659,977	\$61,437.73	\$0.0931	7	0.1129%
Interdepartmental (Traffic Signals)	EDTS	1,746	\$161.41	\$0.0924	8	1,606	\$148.50	\$0.0925	19,412	\$1,794.88	\$0.0925	9	0.1454%
Generators (JV2 Power Cost Only) Generators (JV5 Power Cost Only)	GJV2 GJV5	18,406	\$642.92	\$0.0349	1	19,321	\$700.19	\$0.0362	240,489	\$6,759.23	\$0.0281	1	0.0169%
	6000		\$0.00	\$0.0000	0		\$0.00	\$0.0000	111,935	\$3,042.83	\$0.0272	1	0.0127%
Fotal Interdepartmental		261,174	\$32,325.80	\$0.1238	64	280,206	\$35,353.59	\$0.1262	4,470,470	\$524,165.08	\$0.1173	68	1.1449%
SUB-TOTAL CONSUMPTION & DEMAN		11,915,549 ======	\$1,405,003.65	\$0.1179	5,870	11,944,032	\$1,504,164.82	\$0.1259	149,219,239	\$17,688,596.55	\$0.1185	5,887	99.73189
Street Lights (In)	SLO	0	\$13.44	\$0.0000	14	0	\$13.43	\$0.0000	3,877		\$0.04E0		0.00.100
Street Lights (Out)	SLOO	0	\$1.91	\$0.0000	2	0	\$1.91	\$0.0000	3,877	\$178.07 \$22.97	\$0.0459 \$0.0000	14	0.2343%
Fotal Street Light Only		0	\$15.35	\$0.0000	16	0	\$15.34	\$0.0000	3,877	\$201.04	\$0.0519		0.2682%
TOTAL CONSUMPTION & DEMAND		11,915,549	\$1,405,019.00	\$0.1179									
		11,915,549	\$1,405,015.00	90.11/9	5,886	11,944,032	\$1,504,180.16	\$0.1259	149,223,116	\$17,688,797.59	\$0.1185	5,903	100.0000%

# Electric Department Report January 2019

There were 5 callouts for the month of January. Two callouts were locates for main breaks. Two callouts were for non-outage accidents. One callout was an actual outage caused by a single primary elbow popping off the stab in a 3 phase primary junction box.

Linemen/Service Truck: Crews relocated primary poles and wire for bridge construction on Road 12 between A and B in Fulton County. Crews removed street light poles on Clairmont for Jan Mar Housing development. Crews installed URD for new house construction on Rd. 14. Crews pulled a pole on Rohrs street, straightened poles and replaced a transformer on Road M-1. Crews helped pull a pump with a line truck for waste water. Crews set two LED street light poles and upgraded a residential service on Fair Street. Crews changed out a 3 phase service to single phase at 11 866 Road P 3. Linemen replaced poles at Petro Truck Stop and one on Rt. 6 that were hit by a truck and a car. Crews attended a monthly safety meeting and performed shop/truck maintenance. The serviceman performed locates, completed work orders and system lighting/troubleshooting duties.

**Substation Crew:** The substation crew performed monthly maintenance and generator checks. They also installed new metering equipment and upgrades to software as needed. They also performed work needed to ensure a seamless transition concerning the new O&M agreement with AMP Transmission LLC. They also attended an AMP Safety meeting.

**Tree Crew:** The crew performed trimming and removal on Oak Street, Road 12, Road W, Wayne Park Drive, west end alleys, Napoleon Public Library, Rd. P 3 and West Washington. They also attended safety meeting.

**Storeroom/ Inventory/Meter reading:** Shawn read meters, ordered new year inventory, performed snow and ice removal, helped line crews as needed and helped the tree crew as needed.

The **Peak Load** for January was **25.36 MW** occurring on the 30<sup>th</sup> at 12:30 PM. This was an increase of 0.9 MW compared to January 2018. The average load for January was 17.99 MW. This was a decrease of 0.59 MW compared to January 2018. The JV units and Turbines did not operate this month. The solar field had a peak of 3.12 MW. This was a decrease of 0.15 MW compared to 2018. The solar field produced 165.55 MWh compared to 221.79 MWh in January, 2018. This was a decrease of 56.24 MWh.

DPC 02/07/19



## SUMMARY OF JANUARY 2019 OUTAGE/STANDBY CALL-OUTS

### January 15, 2019:

One employee was dispatched at 4:37 p.m. to Orwig Avenue and W Main Street. The call-out resulted in a non-outage. Personnel located lines for water main break.

### January 17, 2019:

One employee was dispatched at 7:30 p.m. to Huddle Trailer Court Lots 3 to 6. The call-out resulted in a non-outage. Personnel could not locate private lines for water leak.

### January 24, 2019:

Electric personnel were dispatched at 5:42 p.m. to 1290 Independence Drive. The outage lasted two hours and affected three customers. The outage was due to an A0 elbow coming off in the junction box causing the fuse to blow. Personnel refused the door and reenergized A0 then pushed the elbow on in the junction box to restore power.

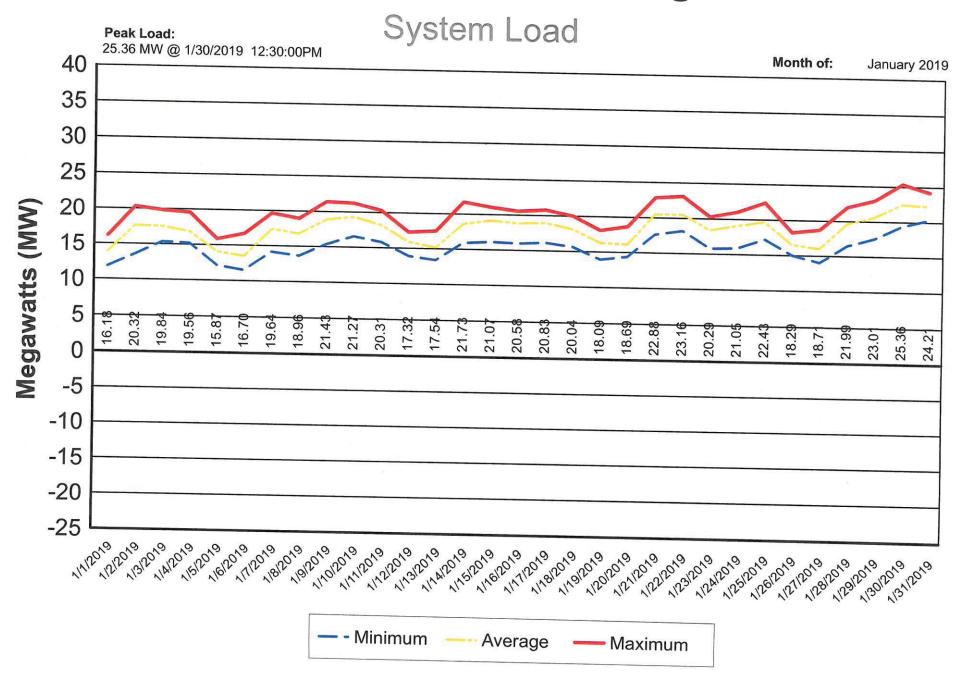
### January 28, 2019:

Electric personnel were dispatched at 8:41 p.m. to Petro Truck Stop. The call-out resulted in a nonoutage. A semi-truck struck and broke electric pole. Personnel coned off the hazard area till pole could be replaced.

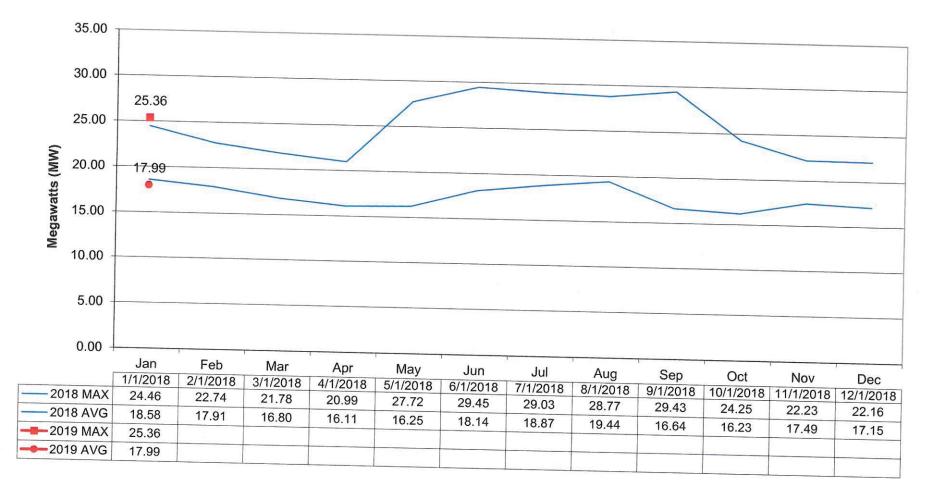
### January 29, 2019:

Electric personnel were dispatched at 6:48 p.m. to State Route 110 across from Campbell Soup Company. The call-out resulted in a non-outage. The call-out was due to a car accident. Personnel cleared lines from vehicle involved.

# **Napoleon Power & Light**



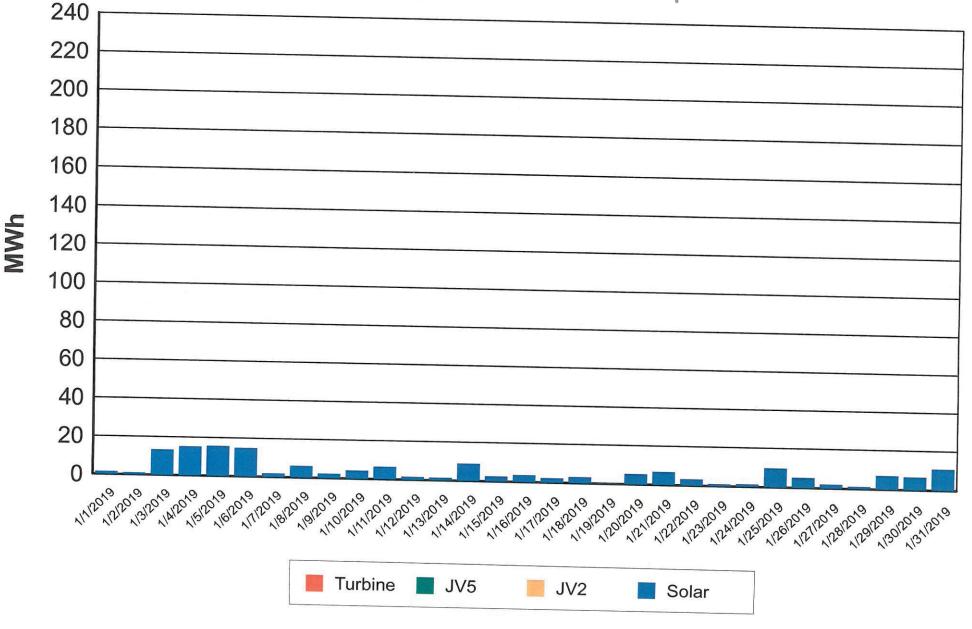
# **NAPOLEON POWER & LIGHT**



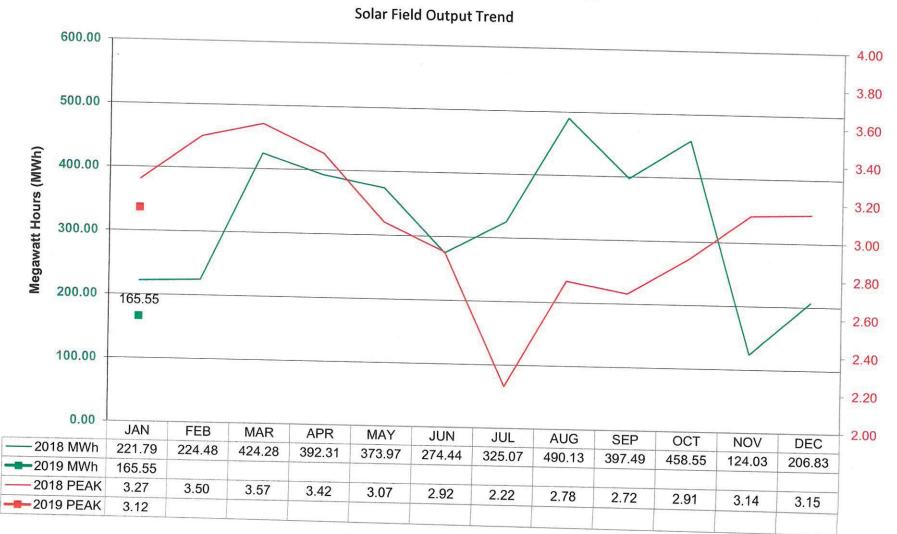
2018 MAX 

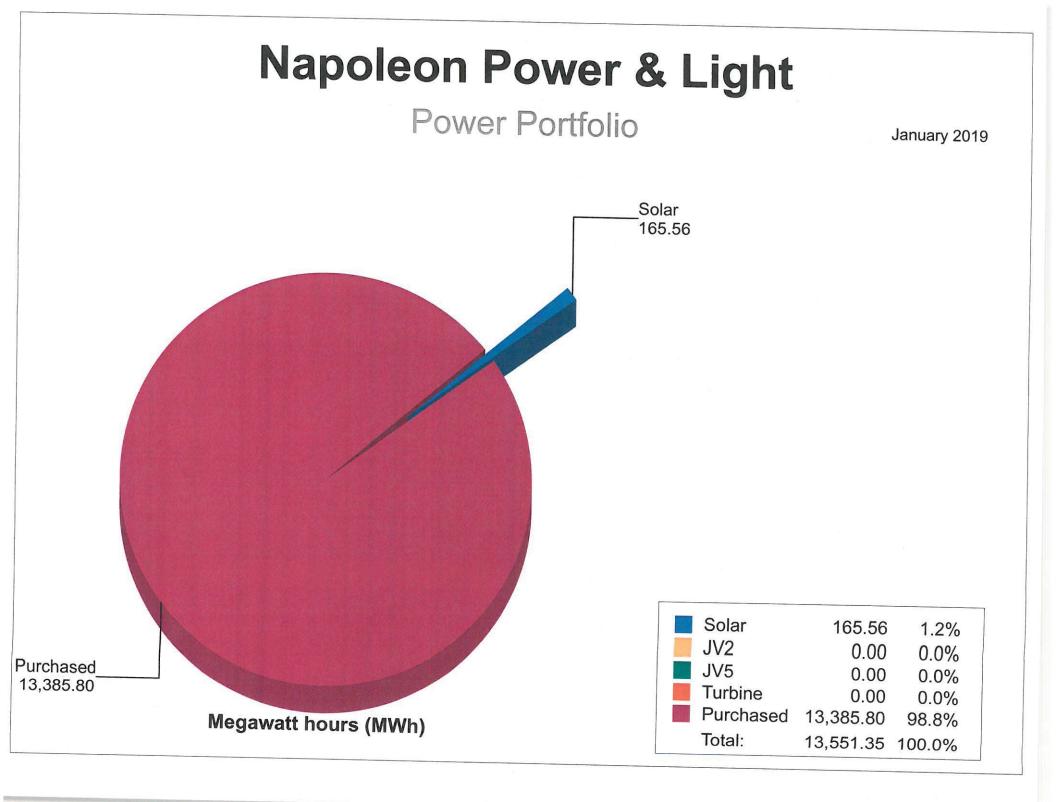
# **Napoleon Power & Light**

**Daily Generation Output** 



## **NAPOLEON POWER & LIGHT**





### **BOARD OF PUBLIC AFFAIRS**

Meeting Agenda

### Monday, February 11, 2019 at 6:15 pm

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

- 1) Approval of Minutes: January 14, 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 February 2019: PSCAF – three (3) month averaged factor \$0.02203
   JV2 \$0.029531
   JV5 \$0.029531
- 3) Discussion on Mutual Aid to the Navajo Nation.
- 4) Electric Department Reports.
- 5) Water Treatment Plant Solids Management (Tabled).
- 6) Waterline on Second River Bridge.
- 7) Any other matters to come before the Board.
- 8) Adjournment.

Detrich Roxanne Roxanne Dietrich

Interim Clerk of Council

# **BOARD OF PUBLIC AFFAIRS**

**Meeting Minutes** 

### Monday, January 14, 2019 at 6:15 pm

PRESENT			
Board of Public Affairs	Dr. David Cordes-Chair, Mike DeWit, Rory Prigge		
Electric Comm. Members	Travis Sheaffer-Chair (arrived at 6:19 pm), Joseph D. Bialorucki, Lori Siclair		
City Manager	Joel L. Mazur		
Interim Finance Director	Christine Peddicord		
Interim Clerk of Council	Roxanne Dietrich		
	Dennis P. Clapp-Electric Distribution Superintendent; Todd Wachtman-Substation		
City Staff	Specialist		
ABSENT	Specialist		
ADJENT			
Call to Order	Dr. Cordes called the Board of Public Affairs meeting to order at 6:15 pm.		
Election of Chair	Each board member was asked in order of seniority, for nomination of a Board		
	Chair.		
	DeWit nominated Prigge.		
	Dr. Cordes nominated himself.		
	Prigge seconded the nomination for Dr. Cordes.		
Motion to Elect	Motion: Dr. Cordes Second: Prigge		
Dr. Cordes Chair	to elect Dr. David Cordes as Chair of the Board of Public Affairs.		
	to creat bit. Buvid cordes as chair of the Board of Fubic Artains.		
Passed	Roll call vote on the above motion:		
Yea-3	Yea- Dr. Cordes, Prigge, DeWit		
Nay-0	Nay-		
nuy o	i dy		
Approval of Minutes	Hearing no corrections or objections, the minutes from the November 12, 2018		
	meeting stand approved.		
Motion to Approve the	Motion: Prigge Second: DeWit		
January 2019 PSCAF	to approve the January 2019 PSCAF as three month averaged factor \$0.02197,		
	JV2 \$0.036239 and JV5 \$0.036239.		
<b>Discussion</b> Mazur reported the PSCAF is higher due to the rate levelization being d			
	and the combined hydro project going online.		
Sheaffer Arrived	Sheaffer arrived at 6:19 pm.		
	AMP had to borrow a little on the line of credit due to power not being produced		
	last spring with a few plants being shut down due to the rains, the next couple of		
	billing cycles will see that come to an end. John Courtney, Lori, Chris and myself		
	will be meeting with Tom from AMP to review the billing determinants equations,		
	this is the year for the electric rate review study. Dr. Cordes thought a rate review		
	would be a good idea with the new Water Treatment Plant; plus, a new business		
	will be coming on added Prigge. Mazur said the Morgan Stanley contract comes		
	Page 1 of 3		
	rage I OI S		

off in 2020, I will not recommend a five-year contract, my recommendation will be for a one-year contract unless there is a compelling reason for a longer contract. Prigge stated the PCF has went up considerably since I've been on the board this short time, you are saying it may stabilize in March? Mazur responded believe so with the purchase of the solar field, paying that debt off and the rates on the hydro plant should come down. We have more power than we actually use, is why the Morgan Stanley contract is important. Dr. Cordes said he thought AMP was going to give a presentation on peaking project. Mazur is not sure we should get into this when we already have way too much power behind our meter, if in February you still want a presentation, I can ask Mike Migloire to come out. Sheaffer did not think a presentation was necessary, Jac Products come online that should help with long run power. Mazur said if they ramp up to where they are saying they will be we could be short. Backtracking on what I said before about getting into the project, I'm thinking five to ten years down the road batteries will be coming online and we don't want to be strapped with diesel generators. Clapp said he wants to wait until the batteries are mature before we jump in.

Motion: PriggeSecond: DeWitto approve the January 2019 PSCAF as three month averaged factor \$0.02197,JV2 \$0.036239 and JV5 \$0.036239.

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

**Motion to Approve** 

January 2019 PSCAF

AMP O&M Agreement

**Electric Department** 

**Reports** 

Passed Yea-3

Nay-0

Mazur gave an update on the AMP Operations and Maintenance (O&M) Agreement for the Northside Substation. The agreement is for maintenance of the equipment that we have been maintaining all along, the only difference is now AMP will be paying us to maintain the equipment, AMP is asking for a sixyear commitment. Clapp continued, Todd Wachtman had some questions and sent those down to AMP, we have not had received any answers yet. Wachtman explained everything is on a schedule, we have to coordinate with AMP they have priority over the schedule and what needs to be done, any costs incurred goes back to AMP. We are currently trying to work out the schedule, there is a major maintenance cycle every five years and we want to make sure we have all costs covered thru AMP so the City doesn't incur any costs. There are two parts to the agreement, the annual budget where we submit big ticket items to AMP and the annual fee we get paid. Clapp said myself, Todd, Mike Dietrich and Nick Hogrefe are all trained to be the switching personnel for GridForce. Dr. Cordes asked why did they go with six years? Wachtman replied that is what AMP brought to us, I think it is a good interval and a good trial for us should it be too much of a burden, that gives us an out.

Clapp reported in November they had six callouts and December had five callouts with three being power outages, two from accidents and one was from a squirrel. The Christmas lights have been taken down and the guys are doing pole scraping as the ground did not freeze. The crews have been doing a lot of tree trimming,

	there have been equipment issues, the bucket truck is down the new bucket truck just came in and should be delivered within the next few weeks.	
Other Matters	Mazur said the APPA Legislative Rally information came out last Friday, we did not receive it in time to get the information into your packets.	
Motion to Adjourn	Motion: Prigge Second: DeWit	
BOPA Meeting	to adjourn the Board of Public Affairs meeting at 7:04 pm.	
Passed	Roll call vote on the above motion:	
Yea-3	Yea-Dr. Cordes, Prigge, DeWit	
Nay-0		
Approved		
February 11, 2010		
February 11, 2019	Dr. David Cordes - Chair	

# WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE

## **MEETING AGENDA**

Monday, February 11, 2019 at 7:00 pm

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

- 1) Approval of Minutes: October 08, 2018. (In the absence of any objections or corrections, the Minutes shall stand approved).
- 2) Water Treatment Plant Solids Management (Tabled)
- 3) Waterline on Second River Bridge.
- 4) Any other matters currently assigned to the Committee.
- 5) Adjournment.

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Roxanne Dietrich Interim Clerk of Council

# WATER, SEWER, REFUSE, RECYCLING & LITTER COMMITTEE

# Meeting Minutes Monday, October 08, 2018 at 7:00 pm

PRESENT	
Committee Members	Jeff Comadoll-Chair, Lori Siclair, Joseph D. Bialorucki-Pro-Tem
BOPA Members	Dr. David Cordes, Mike DeWit, Rory Prigge
City Manager	Joel L. Mazur
City Law Director	Billy D. Harmon
Asst. Finance Director	Christine Peddicord
Recorder/Records Clerk	Roxanne Dietrich
City Staff	Scott Hoover-WTP Superintendent, Jeff Weiss-WTP Chief Operator, Dave Pike- WWTP Superintendent, Chad E. Lulfs-Director of Public Works
Others ABSENT	John Courtney-Courtney & Associates, Northwest Signal
Committee Member	Travis Sheaffer
Call to Order	Chairman Comadoll called the Water, Sewer, Refuse, Recycling and Litter Committee to order at 7:00 pm.
Approval Minutes	Hearing no objections or corrections, the minutes of September 10, 2018 stand approved as presented.
Citizen Concern	Chairman Comadoll stated there is a customer here tonight that would like to speak to the committee about a complaint he has. Billie Karr said he lives in Woodlawn Groves and is being charged \$34.92 for sewer, there is a \$9.00 charge to send out the bill and there is a sewer lateral fee of \$2.10, I have had bills as high as \$70 for sewer what is going on that doesn't seem right, how can they continue to get away with this? Comadoll responded there will have to be some research done. Mr. Karr said when we try to talk to them and ask about the charges no one will give you an answer al they say is "I don't know". There are a lot of retired people in there on a fixed income. If you are one day late you are charged \$9.00, one customer had a bill that said he owed nothing but got charged \$9.00 and was told to pay or their water would be shut off. Mazur said the best way to get an answer is to bring your bill to the Finance Department customer desk and someone can walk through the bill with you and explain everything. Mr. Karr told Mazur the sewer bill is not from the town our water and sewer is being billed privately, it is coming through Midwest Billing not the town. Another concern of the residents is they put in water meters with heat tape and said we are responsible for the water meter plate on the bottom if that freezes, the plate cost less than \$8.00 we were charged \$65 to put the plate in plus another \$55 for labor they are beating the older people up. Dr. Cordes asked if the bills are administered by us or the trailer park. Mr. Karr replied Midwest Billing for the trailer park. Mr. Karr asked if they have the right to charge us more

	than what you charge them? DeWit said there should be state laws. Mazur said they do have to maintain the water and sewer lines, you can stop in the Finance Department and someone will try to help you. Mr. Karr said there are sixty-three upset families about the costs getting higher, we are not getting the service you give your people we get no snow removal, we pay city taxes, after heavy rains you cannot drive down your street they are flooded. DeWit stated if there was a fire we would have to be able to get the equipment down there. Dr. Cordes said we are limited on what we can do to help the water we sell stops at the meter.
Water Rate Study Update	John Courtney from Courtney and Associates was present to give a presentation on the 2018 Water Rate Study Update, before he began he noted, "for what it is worth about that prior discussion, there are certain limitations on what landlords can recoup in the way of utility costs from tenants, you might want to look at some legal advice on that".
	2018 Water Rate Study Update John Courtney stated now that the Water Treatment Plant Rehab Project is almost complete, we were asked to update the revenue requirements from the 2016 Water Rate Study. Since 2015 there have been some significant changes, water sales dropped nearly 11% with a 7% reduction in projected revenues, the Water Treatment Plant Rehab debt service costs increased \$54,400, the Operation and Maintenance expenses increased \$32,000, the capital outlay projection decreased by about \$250,000. Napoleon has lost two large commercial customers, Buckeye Laundry and B & B Molded Plastics.
	Rates for 2019 - Residential \$10.13/ccf; Commercial \$8.33/ccf; Industrial 6.38/ccf; Wholesale \$7.10/ccf Projections for 2019 - water sales about 462,000 hundred cubic feet; revenue about \$3,850,000; and, existing debt service \$590,000 Total Projected Revenue for 2019 - \$3,653,000 Conclusion - the rate increase in 2019 is sufficient to meet the requirements there is no reason to increase rates; however, you may want to address this again next year after the plant has been operational for a year. Mazur added we overshot the projections on the electric usage but underestimated what we would spend on chemicals.
Motion to Untable Yard Waste Site	Motion: Siclair Second: Bialorucki to untable discussion on Yard Waste Site.
Passed Yea-3 Nay-0	Roll call vote on the above motion: Yea-Bialorucki, Siclair, Comadoll Nay-
Discussion	Mazur reported we had a request to address the Yard Waste Site Policy since the County Commissioners are no longer paying the \$4,100 a year for the county residents to use the City Yard Waste Site. Mazur read the proposed Yard Waste Site Policy (copy is attached hereto). City Law Director Harmon read the penalty section noting any violation would be a minor misdemeanor

	with a maximum fine of up to \$150. DeWit's concern is with enforcing, we have no way to enforce and from what I've heard, there are a lot of people in the county who are not happy about this, I do not like laws you cannot enforce. Mazur responded the most cost effective way will be to do spot checks. Dr. Cordes asked if someone gets caught can they have the option to either pay the \$5.00/month for a year or to pay the fine, could be an incentive but then how do you figure out if they paid? Bialorucki asked why the set hours, have there been people out there at night causing problems? Mazur replied that is for enforcement purposes. DeWit said he would like the fine dropped down to \$50. Harmon stated his preference is \$150 that gives me discretion to move around. DeWit said if approved, this will be posted? To which Mazur replied "yes". Bialorucki's comment was "we do not like being put in this position; but, we have to be fair to our residents who are paying for this service".	
Motion to Approve Yard Waste Site Policy	Motion: Bialorucki Second: Siclair to approve the Yard Waste Site Policy as presented by the City Manager.	
Passed	Roll call vote on the above motion:	
Yea-3 Nay-0	Yea-Bialorucki, Siclair, Comadoll Nay-	
Water Treatment Plant	Mazur stated as noted before, the solids being discharged from the WTP are	
Solids Management	disruptive to the process at the wastewater treatment plant. Solids management should have been a part of the original portion of the Water Treatment Plant Rehab Project and handled as required of any other industrial customer with the solids being pre-treated. This will be an add-on cost and it is my recommendation we move forward with a plan we are still researching what would be the best method. We believe the best way to manage would be to have nothing sent to the WWTP; but to have the water turned back over into the intake and recycled back through the water treatment process, this would probably have less solids and be cleaner water than what is coming in from the river, in theory, in the end you would be spend less treating the water. We knew there would be solids coming through; however, the estimates by the design engineer were grossly underestimated. A short term solution would be to clean out the lagoon until we come up with a strategy, there is \$40,000 in this year's budget for lagoon cleaning.	
Motion to Table Discussion on Solids Management	Motion: Siclair Second: Bialorucki to table discussion on solids management.	
Passed Yea-3 Nay-0	Roll call vote on the above motion: Yea-Bialorucki, Siclair, Comadoll Nay-	
Motion to Adjourn	Motion: Siclair Second: Bialorucki to adjourn the Water, Sewer, Refuse, Recycling & Litter Committee meeting at 7:55 pm.	

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

# MEETING AGENDA

# Monday, February 11, 2019 at 7:30 pm

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

- 1) Approval of Minutes: January 14, 2019 (In the absence of any objections or corrections, the Minutes shall stand approved)
- 2) Clairmont Avenue Proposal from Napoleon Area Schools (Tabled).
- 3) Review of Napoleon Outdoor Refreshment Area (NORA).
- 4) Sign Code Review.
- 5) Any other matters currently assigned to the Committee.
- 6) Adjournment.

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*Roxanne Dietrich Interim Clerk of Council* 

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# MUNICIPAL PROPERTIES, BUILDINGS, LAND USE, AND

# **ECONOMIC DEVELOPMENT COMMITTEE**

SPECIAL MEETING MINUTES

Monday, January 14, 2019 at 7:00 PM

lvioliday, January 14, 2019 at 7.00 Pivi	
PRESENT	
Members:	Lori Siclair-Chair, Jeff Mires, Joe Bialorucki, Jason Maassel
City Manager	Joel L. Mazur
Interim Finance Director	Christine Peddicord
Interim Clerk of Council	Roxanne Dietrich
City Staff	Dave Mack-Chief of Police, Chad E. Lulfs, P.E., P.S., Director of Public Works
Others	Steve and Julie Busch, Newsmedia
ABSENT	
Call to Order	Chairman Siclair called the Municipal Properties, Building, Land Use and
	Economic Development Committee meeting to order at 7:08 pm.
Approval of Minutes	Hearing no objections or corrections, the minutes from the November 12, 2018 meeting stand approved as presented.
Clairmont Avenue Proposal	Mazur reported Dr. Fogo from Napoleon Area Schools (NAS) contacted him asking what the City was going to do about Clairmont Avenue from Briarheath to Westmoreland. That section of road was originally platted as a subdivision and is owned by the school and in order for this street to be dedicated to the City, NAS is required to upgrade the road to city specifications as outlined in the City's Engineering Rules. In Dr. Fogo's letter dated July 30, 2018, he indicated although this section of Clairmont has never been formally dedicated, their argument is this is a public road and the city should maintain it. The City Engineer has put together a cost estimate for that section of the road to be upgraded to city standards and the projected cost is \$225,000 with another \$50,000 to replace all the curbing. The school has proposed to pay the cost to restore the road and curbing with the City reimbursing the school over a 5-year period. Mazur said in his letter of September 4, 2018 he informed the school they can dedicate the road to the City if they rebuild the road in accordance with the City's Engineering Rules, the dedication will require approval by City Council. The proposal to the rebuild would be funded by the City with Napoleon Area Schools paying the cost back through a voluntarily assessment over a 10-year period. We know there are other issues regarding traffic and parking and other things around the school campus and tried to come up with a solution to address all of the issues that pertain to the City. Mazur stated he wrote another letter on November 5, 2018 offering the following proposal to NAS: (1) NAS will repair the section of Clairmont Avenue that they own plus the additional concrete work at an estimated cost of \$275,000, (2) once the work is completed, NAS will dedicate the road to the City, (3) the City will help the school by making incremental payments of \$50,000 starting in Fiscal Year 2020 up to \$150,000 when NAS has

demonstrated each of the following issued have been addressed: (1) identified sidewalk and street crossing improvements will be completed and Napoleon Area Schools will work with the City to apply for and complete the Safe Routes to School project for traffic around and on the school campus, 2) a traffic study will be done with any recommendations from the study to be addressed by the school, including the stone patch in between and the two right turn only lanes in front of the elementary school, and 3) will address the parking issues at the ballfields, currently there is insufficient parking at the ballfields and Buckenmeyer Stadium, people are parking illegally alongside the roads. In his letter of December 6, 2018, Dr. Fogo agreed to our proposal with the City reimbursing the district \$50,000 annually starting in FY2020 to a maximum of \$150,000 with a few modifications to the three items that are to be addressed before reimbursement will be made. Lulfs added when the street is resurfaced, underdrains need to be put in to insure the road doesn't fall apart in 5-10 years, the storm sewer is in pretty decent shape, essentially all the curbs will need to be replaced, there are a couple sections of pipe that cross over from one curb inlet to the other curb inlet that need to be replaced. Chief Mack stated there are traffic concerns behind the Elementary School, one of my biggest concerns is the bussing area, it's not just during school there are practices, people going to and from the ball fields. That area gets used a lot for parking during football, baseball and track meets, there is a lot of congestion there with people parking on both sides of the street and trying to get in and out of traffic from the grass areas. Bialorucki asked Lulfs how long that estimate is good for. Lulfs replied he ran the numbers last fall so they should be good for a year or two. The estimated cost does not include design that will be about 5% and a survey will have to be done, that cost could be around \$10,000. Bialorucki asked about the additional things mentioned with the stone patching and parking, do we have any estimates or plans? Mazur said to have the traffic study done will cost around \$15,000 and there would be an additional cost to implement what is suggested. Lulfs suggested not putting a crossing at the Westmoreland and Bales intersection. Maassel added the last \$50,000 paid back should be contingent on all projects being completed as agreed upon plus the City being satisfied with the parking issue along Westmoreland. There are other streets in town we maintain and do not own, this is about kids' safety. Siclair noted she agrees; but, would like some more time to think this over.

Motion to	Table
Clairmont	Avenue

Passed Yea-4 Nay-0

**CRA** Agreements

Motion: Maassel Second: Mires to table the Clairmont Avenue proposal for one month.

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

Mazur stated the City is now handling the CRA agreements. In 1994 there was a rule change that the school boards do not have to approve anything over 50%; but, they still have to be notified of all CRA agreements. Maassel asked what the annual fee will be. Mazur replied \$500 per agreement/per year,

Page 2 of 3

	depending on the sensitivity of the project, I may not always bring CRA agreements to this committee. Maassel responded we can go into executive session, if needed.	
Just Busch Investments CRA Agreement	Mazur reported this property is the former Senior Center and is in a pre-1994 zone meaning the tax abatement is 100% or nothing and does not require school board approval. Julie Busch explained their plan is to make this a higher end event center with a high end façade being done in a tasteful manner and still keeping the historic vibe as we did at the Armory, we are not the cheapest venue in town but, we are the most popular, people will pay to have a nice center, we have to turn away a lot of businesses wanting to have smaller events. With the City and County owning the building, we thought it would be up-to-date, we have had to put in a sprinkler system, furnace, the plumbing does not go the whole length of building, we have run into a lot of unexpected things and are happy for the opportunity for this abatement, it will help out a lot, you will not be disappointed. Steve Busch added we have uncovered lot of things in building that will cost more and we are trying to save features or bring them back, think that will add to the value of the building. To be compliant and stay historical there are certain guidelines we have to follow, we will be here on January 23 <sup>rd</sup> for the Preservation Commission meeting, keeping a historical building is a process, we would like to get started to be done by booking season.	
Motion to Recommend	Motion: Bialorucki Second: Maassel	
CRA Agreement to City Council	to recommend Just Busch Investment CRA Agreement to City Council.	
Passed	Roll call vote on the above motion:	
Yea-4	Yea-Siclair, Bialorucki, Mires, Maassel	
Nay-0	Nay-	
Any Other Matters	None.	
Motion to Adjourn	Motion: Maassel Second: Mires to adjourn the Municipal Properties, Building, Land Use and Economic Development Committee meeting at 7:58 pm.	
Passed	Roll call vote on the above motion:	
Yea-4	Yea-Siclair, Bialorucki, Mires, Maassel	
Nay-0	Nay-	
Date Approved:		
February 11, 2019		
	Lori Siclair - Chair	
	1	



City of NAPOLEON, 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

## February 8, 2019

To: Napoleon City Council Mayor Jason Maassel

From: Joel L. Mazur, City Manager

### **Re: Sign Code Review**

I have received complaints regarding the use of signage in the City. After staff investigated the complaints and reviewed the sign code, it appears that the sign code will need to be reformed in order to effectively set signage standards in the City to provide better aesthetics and eliminate what would be considered nuisances signs and violations in other cities.

Also, as a part of the City Wide Master Plan, including the previous master plans, the appearance of Scott St. has been a topic of discussion and an area in need of aesthetic improvements. One way to make improvements is to set higher standards for signage.

Attached is the section of the Napoleon Municipal Code that addresses signage for discussion and pictures of some examples of signs in the City.

Joel L. Mazur City Manager

*Mayor* Jason Maassel

Members of Council

PRESIDENT: Joseph Bialorucki

PRESIDENT PRO-TEM: Daniel Baer

Travis B. Sheaffer Jeff Comadoll 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.

### 1335.16 SIGNS PERMITTED IN C-1, C-2, C-3 AND C-4 COMMERCIAL ZONES.

(a) Signs are allowed as follows in the C-1, C-2, C-3 and C-4 Commercial Zones except those signs prohibited by Section <u>1335.06</u>:

(1) All signs as permitted in Sections <u>1335.14</u> and <u>1335.15</u>, including the special regulations and allowances, except as may be more or less restricted in this Section <u>1335.16</u>.

(2) Freestanding sign(s), or monument sign(s), portable signs, or a combination of each, per street frontage not to exceed one and one-half square feet in total sign area for each lineal foot of property frontage. Signs, individually or in combination, may not exceed a maximum height of twenty-five feet and must be set back at least ten feet back from the public right-of-way, except that signs forty-eight inches tall or less (being no greater than six square feet in dimension) that are constructed of a break-a-way material that will not endanger the public when struck, may be positioned no closer than five feet of the public rightof-way.

(3) One wall sign or electric awning sign and nonfreestanding signs of all other types that are attached to a building, so long as the herein mentioned signs do not exceed in total, more than fifteen percent (15%) of aggregate area of building elevation on which the signs are installed.

(4) Temporary special event sign(s) per premises, or grand openings, not to exceed 100 square feet, not to exceed ninety days per calendar year per premises. Temporary special event signs shall not be placed closer than ten feet from the right-of-way. Temporary special event signs shall not be included in the total sign area for the purpose of this section.

(5) Portable signs.

(b) Special regulations and allowances for C-1, C-2, C-3 and C-4 Commercial Zones are as follows:

(1) Under-canopy signs must have a minimum clearance of eight feet above grade.

(2) Clearance of signs for freestanding signs must be a minimum of ten feet above grade when in a Clear View Zone.

(3) Sidewalk signs shall not be more than six square feet of "sign area" and shall be only allowed for business use where there exists no private property frontage. Placement will be permitted to the extent that it does not interfere with pedestrian traffic and the sidewalk is left open for ADA compliance. This type of sign is excluded from any licensing requirement for placement in or upon the public right-of-way. Sidewalk signs are only permitted to be displayed during opened business hours.

(4) Portable signs shall not exceed forty square feet and must maintain a setback of a minimum of ten feet from the public right-of-way and shall not exceed one per premises.

(5) No combination of poles or support structure of a free-standing sign shall exceed fifty percent (50%) of total sign width.

(Ord. 047-06. Passed 6-5-06.)

of measurable area shall not include embellishments such as pole covers, framing, decorative roofing, support structure, etc., provided that there is no written advertising copy on such embellishments.

(b) Wall Sign - The area shall be within a single, continuous perimeter composed of any rectilinear line geometric figure which encloses the extreme limits of the advertising message. If the sign is composed of individual letters or symbols using the wall as the background with no added decorations, the total sign area shall be calculated by measuring the area within the perimeter of each symbol or letter. The combined areas of the individual figures shall be considered the total sign area.

Snipe Sign - A temporary sign or poster affixed to a tree, fence, etc.

Subdivision Identification Sign - A freestanding or wall sign identifying a recognized subdivision, condominium complex, or residential development.

**Temporarily and Easily Removal 1st Amendment Signs** - Signs containing speech protected by the First Amendment of the United States Constitution, such as: political signs, signs or inflatable balloons utilized by union protestors as part of a demonstration being placed in the public right-of-way, normally less than thirty days (not to be construed as commercial signs for advertisement of goods, merchandise, or services).

Temporary Sign - A sign not constructed or intended for long-term use, normally less than thirty days. Temporary Special Event Sign - Temporary signs, banners, pennants, festoons, attached balloons or other

things used for advertising purposes and used in connection with special events.

Under-Canopy Sign - A sign suspended beneath a canopy, ceiling, roof, or marquee.

Use - The purpose for which a building, lot, sign, or structure is intended, designed, occupied, or maintained.

**Wall Sign** - A sign attached essentially parallel to and extending not more than twenty-four inches from the wall of a building with no copy on the sides or edges. This definition includes painted, individual letter, cabinet signs, and signs on a mansard.

Window Sign - A sign installed inside a window and intended to be viewed from the outside.

**Yard Sign** - A sign designating a yard or garage sale or real estate sale, or contractor/architect sign located on the premises where work is being performed or services are or have been rendered or merchandise is being sold, all being six square feet or less in dimension.

(Ord. 047-06. Passed 6-5-06.)

#### **GENERAL PROVISIONS**

In Total Sign Area - The combined square feet of all signs located upon a lot regardless of the type or regulation status.

Lot - A parcel of land legally defined on a subdivision map recorded with the Assessment Department or Land Registry Office, or a parcel of land defined by a legal record or survey map.

**Maintenance** - The cleaning, painting, repair, or replacement of defective parts of a sign in a manner that does not alter the basic copy, design or structure of the sign.

Mansard - A sloped roof or roof-like facade architecturally comparable to a building wall.

**Marquee** - A permanent roof-like structure or canopy of rigid materials supported by and extending from the facade of a building (compare "Awning").

**Monument Sign** - A sign mounted directly to the ground having at least one pole on each side or having a base being greater than four feet wide or a combination thereof.

**Multiple-Faced Sign** - A sign containing three or more faces, not necessarily in back-to-back configuration.

**Nameplate** - A nonelectric on-premise identification sign giving only the name, address, and/or occupation of an occupant or group of occupants.

**Nonconforming Sign** - A sign which was erected legally but which does not comply with subsequently enacted sign restrictions and regulations.

**Nonconforming Sign/Legal -** A sign which does not conform to the Sign Code requirements, but for which a valid permit or variance was issued by the City, or a sign that complied with all applicable laws on the date of adoption of this Sign Code.

**Nonilluminated Sign** - A sign without an artificial light source incorporated internally or externally for the purpose of illuminating the sign.

**Occupancy** - The portion of a building or premises owned, leased, rented, or otherwise occupied for a given use.

**Owner of Sign** - A person recorded as such on official records or the owner of the lot on which a sign is located unless facts to the contrary are officially recorded or otherwise brought to the attention of the Administrator, e.g., a sign leased from a sign company.

Parapet - The extension of a false front or wall above a roofline.

Person - Any individual, corporation, association, firm, partnership, or similarly defined interest.

**Point of Purchase Display** - Advertising of a retail item accompanying its display, e.g., an advertisement on a product dispenser, tire display, etc.

Pole Cover - Cover enclosing or decorating poles or other structural supports of a sign.

**Political Sign** - A temporary sign used in connection with a local, State, or national election or referendum.

**Portable Sign** - Any sign designed to be moved easily and not permanently affixed to the ground or to a structure or building, not to be construed as a temporary sign, temporary special event sign, temporary and easily removable 1st Amendment sign or yard sign.

**Premises** - A parcel of land with its appurtenances and buildings which, because of its unity of use, may be regarded as the smallest conveyable unit of real estate.

**Projecting Sign** - A sign, other than a flat wall sign, which is attached to and projects from a building wall or other structure.

**Roofline** - The top edge of a roof or building parapet, whichever is higher, excluding any mansards, cupolas, pylons, chimneys, or minor projections.

**Roof Sign** - Any sign erected over or on the roof of a building (compare "Mansard," "Wall Sign"). **Sidewalk Sign** - A movable sign that is placed on or along the sidewalk area.

**Sign** - Any device, structure, fixture or placard using graphics, symbols and/or written copy for the primary purpose of identifying, providing directions or advertising any establishment, product, goods, services or message. Not to be construed as a newspaper, magazine or like publication.

#### Sign, Area of -

(a) **Freestanding** - For sign area calculation, the area of a freestanding sign shall have only one side of any double-faced sign or multiple faced sign counted in calculating its area. The area of the sign shall be measured as follows if the sign is composed of one or more individual cabinets.

(1) A rectilinear line of not more than eight sides shall be drawn around and enclosing the perimeter of each cabinet or module. The area shall then be summed and totaled to determine total area. The perimeter

### **1335.04 DEFINITIONS.**

(a) Certain terms are defined for the purposes of this Sign Code as found in this section. When because of the characteristics of a sign more than one definition may apply, the definition shall apply that best meets the intent of this Sign Code as determined by the Administrator. As a general rule, where a matter of interpretation arises, the more specific definition or higher standard should prevail.

Abandoned Sign - A sign which no longer identifies or advertises a bona fide business, lessor, service, owner, product, activity or message, and/or for which no legal owner can be found.

**ADA** - Americans with Disabilities Act.

Administrator - The Sign Code Administrator of the City or his or her designated representative. Area - (see "Sign, Area of")

**Awning** - A shelter projecting from and supported by the exterior wall of a building constructed of nonrigid materials on a supporting framework (compare "Marquee").

Banner Sign - A sign made of fabric or any nonrigid material with no enclosing framework.

**Billboard** - A sign which advertises an establishment, merchandise, service or entertainment, or which promotes a message, which is displayed on a fixture made of wood, metal, or other material designed to present one or more surfaces and designed for outdoor display and which contains more than 150 square feet of sign surfaced area.

Building - A structure designed to be used as a place of occupancy, storage, or shelter.

**Canopy** - A rigid multi-sided structure covered with fabric, metal or other material and supported by a building at one or more points or extremities and by columns or posts embedded in the ground at other points or extremities.

**City** - Unless the context clearly discloses a contrary intent, the word "City" shall mean the City of Napoleon, Ohio.

**Clearance (of a Sign)** - Unless otherwise specifically specified in this Sign Code, the smallest vertical distance between the grade of the adjacent street, highway, or street curb and the lowest point of any sign, including framework and embellishments, extending over that grade.

**Clear View Zone** - The area being that portion of a corner lot closest to the intersection of two streets, or one street and one driveway, which is kept free of visual impairment to allow full view of both pedestrian and vehicular traffic. Twenty feet on each street front and drawing a line across the two back points to form a triangulated area.

Double-Faced Sign - A sign with two faces, essentially back-to-back.

Decoration - (see "festoons".)

**Electric Awning Sign** - (also "Back Lit Awning") An internally illuminated fixed space-frame structure with translucent, flexible reinforced covering designed in awning form and with graphics or copy applied to the visible surface of the awning.

Facade - The entire building front including the parapet.

Festoons - A string of ribbons, tinsel, small flags, pinwheels or the like.

**Freestanding Sign** - A sign supported permanently upon the ground by a pole and/or braces and not attached to any building.

**Frontage** - The length of the front property line of any one premise along a public right-of-way on which it borders.

**Government Sign** - Any temporary or permanent sign erected and maintained by the City, County, State, or Federal government for traffic direction or for designation of or direction to any school, hospital, historical site or public service, property or facility. Also any sign promoting an organization, facility, park, recreational area, or recreational function which is operated or owned by the government. Finally, any sign placed on public property by the City.

**Height (of a Sign)** - Unless otherwise specified in this Sign Code, the vertical distance measured from the highest point of the sign, excluding decorative embellishments, to the grade of the adjacent street or the surface grade beneath the sign, whichever is less (compare "Clearance").

**Identification Sign** - A sign whose copy is limited to the name and address of a building, institution, or person and/or to the activity or occupation being identified.

**Illuminated Sign** - A sign with an artificial light source incorporated internally or externally for the purpose of illuminating the sign.





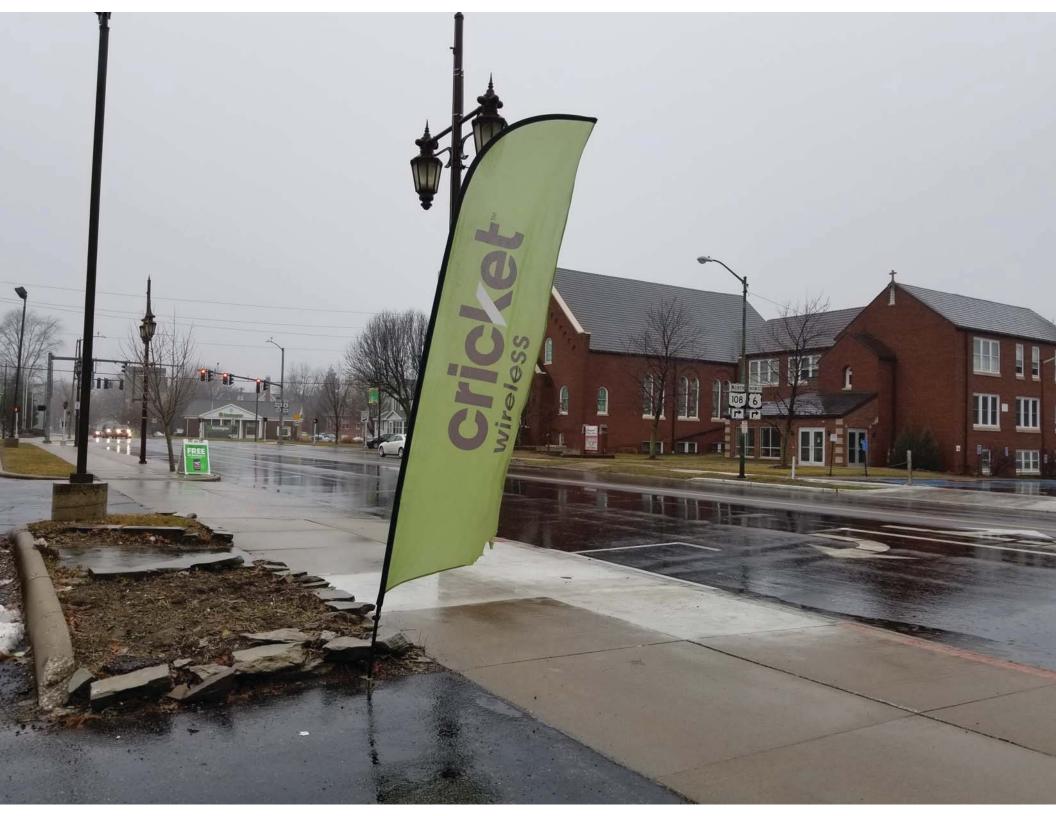














City of Napoleon, Ohio

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

# Memorandum

To:	Board of Zoning Appeals, City Council, Mayor, City
	Manager, City Law Director, Interim Finance
	Director, Department Supervisors, Newsmedia
From:	Roxanne Dietrich, Interim Clerk of Council
cc:	
Date:	<i>February 07, 2019</i>
Subject:	BZA – Cancellation

The regularly scheduled meeting of the Board of Zoning Appeals set for Tuesday, February 12, 2019 at 4:30 pm has been CANCELED due to lack of agenda items.



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, Interim Finance Director, Department	
	Supervisors, Newsmedia	
From:	Roxanne Dietrich, Interim Clerk of Council	
Date:	February 07, 2019	
Subject:	Planning Commission – Cancellation	

The regularly scheduled meeting of the **PLANNING COMMISSION** for Tuesday, February 12, 2019 at 5:00 pm has been *canceled* due to a lack of agenda items.

# **PERSONNEL COMMITTEE**

Meeting Agenda

### Saturday, February 16, 2019 at 8:30 am

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

- 1. Call to Order
- 2. Approval of Minutes: February 7, 2019. (in the absence of any objections or corrections, the Minutes shall stand approved)
- 3. To Consider the Appointment or Employment of a Public Employee or Official.

4. Adjournment.

Roxanne Wietrich

Roxanne Dietrich Interim Clerk of Council

# Ohio Municipal League Legislative Bulletin

### **Ohio Municipal League**

Fri 2/8/2019 12:02 PM

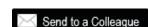
To: Roxanne Dietrich <rdietrich@napoleonohio.com>;

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February 8, 2019

#### OML UPDATE AT-A-GLANCE

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

- Rep. Theresea Gaverone (R Bowling Green) has been selected by the Senate Republican Caucus to fill the 2<sup>nd</sup> Senate District seat. That district was previously represented by Sen. Randy Gardner (R -Bowling Green), who is now the chancellor of the Ohio Department of Higher Education.
- The Ohio House of Representatives Republican caucus announced this week that they are appointing
  retired U.S. Marine Corps Col. Adam Holmes to fill the 97<sup>th</sup> House District seat. The seat was left
  vacant by Rep. Brian Hill (R Zanesville), who was appointed earlier this year to fill the 20<sup>th</sup> Senate
  District seat left vacant by Congressman Troy Balderson.
- The Ohio EPA has announced they will be providing \$23 million in loans to help central Ohio communities finance wastewater and drinking water infrastructure improvements. These low-interest loans are projected to save those communities approximately \$3.6 million. You can read more about the Ohio EPA's state revolving loan fund <u>HERE</u>.

#### GAS TAX INCREASE RECOMMENDED BY GOVERNOR'S TRANSPORTATION INFRASTRUCTURE ADVISORY COMMITTEE

On Tuesday and Wednesday of this week, the majority of the members on the Governor's Advisory Committee on Transportation Infrastructure recommended to the legislature that they increase the motor fuel tax in order to maintain and improve Ohio's transportation system. This recommendation was issued after two days of testimony from various stakeholders invested in Ohio's transportation infrastructure, including the League. You can read the League's testimony <u>HERE</u>.

The committee met for the first time this week on Tuesday and for the second and final time on Wednesday. Both the Ohio Department of Transportation and the Ohio Department of Public Safety testified at Tuesday's meeting. Department of Transportation Director Jack Marchbanks told the members of the Advisory Committee that a "perfect storm" formed from no increase in the gas tax, better fuel efficiency, the lack of any

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more turnpike bond revenue and the proliferation of alternative fuel sources has created a future where Ohio cannot maintain current transportation infrastructure, much less invest in new projects.

Director Marchbanks went on explain that the state is \$4 billion in debt and paying \$390 million each year in debt service payments. "Delaying needed maintenance only results in more cost in the long run," he said. Both he and a representative from the State Highway Patrol agreed that as bridges and roadways fall into disrepair, Ohio motorists are at risk.

On Wednesday, representatives from stakeholder industries, counties, townships and municipalities recommended various means of raising the necessary funds for transportation infrastructure. Among them were Middletown Mayor Larry Mulligan, Lakewood Mayor Mike Summers and the Ohio Municipal League. Many urged for a gas tax increase, with some witnesses reminding the panel that it is not so much a tax as it is a user fee.

In the League's testimony, municipalities' transportation needs were out lined clearly. Ohio's state-local roadway network spans over 250,000 lane miles and 44,000 bridges, with over 300 million vehicle miles travelled, annually. Municipalities maintain over 70,000 lane miles and 2500 bridges and have an annual count of over 100 million vehicle miles traveled. About 21,000 of these municipal lane miles, including local connectors and arterials and state highways maintained by municipalities, carry over a quarter of all vehicle miles traveled in our state. It is obvious that properly funding transportation infrastructure is key to ensure our municipalities, and therefore the state, are thriving.

The Advisory Committee was largely in consensus that a gas tax increase will be needed to properly fund transportation infrastructure. Some voiced their approval for indexing the gas tax while others spoke to the importance of getting revenue from alternative fuel vehicles. The committee's final recommendations will be collated into a report, due to be released at some point before the transportation budget is introduced. The transportation budget is expected to be introduced shortly.

The League supports the recommendations of the committee and we applaud the fact that this discussion is taking place. We anticipate that this dialogue will continue and urge that the administration and the legislature seriously consider a funding solution and act swiftly to ensure Ohio's transportation infrastructure is adequately funded for years to come.

#### GOVERNOR DEWINE, SPEAKER HOUSEHOLDER SPEAK ON TRANSPORTATION INFRASTRUCTURE FUNDING

In addition to the recommendation from the Advisory Committee, the League is grateful to see this crucial topic being seriously discussed by the DeWine Administration. Earlier this week at the Ohio Township Association Winter Conference, the Governor spoke about the release of a state report next week that will "paint a pretty grim picture" of how the state's transportation infrastructure is faring.

The Governor said he was shocked when he learned just how much is lacking in funding for transportation infrastructure - something he said he was not fully aware of before he was sworn in to office. "We have a serious, serious problem in regard to revenue," he said, going on to caution that Ohio is headed for a cliff in transportation infrastructure funding.

Governor DeWine is not the only state leader discussing Ohio's transportation infrastructure funding needs. Last week, Speaker Larry Householder (R - Glenford) spoke with reporters about the transportation budget, saying all options "are on the table" regarding properly funding the state's transportation infrastructure.

The League looks forward to work with the DeWine administration, the legislature and local leaders across the state to ensure Ohio's transportation infrastructure will be properly funded. It is encouraging to see Governor DeWine and Speaker Householder draw attention to this important issue. We will continue to report on these discussions and hope to see funding solutions being introduced soon.

#### LEGISLATURE ANNOUNCES NEW CAUCUS LEADERSHIP, FINANCE COMMITTEE CHAIRS

The Republican caucuses in both the House and the Senate have announced new caucus leadership appointments this week. In the Senate, former Sen. Randy Gardner (R - Bowling Green) resigned to become chancellor of the Department of Higher Education. His resignation not only left open his Senate District seat, now filled by Sen. Theresea Gaverone (R - Bowling Green), but the position of Senate Majority Floor Leader as well. Senate Republicans have announced that Sen. Matt Huffman (R - Lima) will become Majority Floor Leader while Sen. Jay Hottinger (R - Newark) will fill Sen. Huffman's former position as Majority Whip.

The House Republican formerly elected their leadership team as well. Joining Speaker Householder (R - Glenford) in leadership are: Rep. Jim Bulter (R - Dayton) as speaker pro tem; Rep. Bill Seitz (R - Cincinnati) as

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majority floor leader; Rep. Anthony DeVitis (R - Uniontown) as assistant floor leader; Rep. Jay Edwards (R - Nelsonville) as majority whip; and Rep. Laura Lanese (R - Grove City) as assistant majority whip.

Finally, Senate President Larry Obhof (R - Medina) announced that Sen. Matt Dolan (R - Chagrin Falls) will chair the Senate Finance Committee. This follows the announcement from Speaker Larry Householder (R - Glenford) that Rep. Schott Oelslager (R - North Canton) will chair the House Finance Committee. Neither the House or the Senate have announced committee chairs, and we will alter our members as soon as that announcement is made.

The League congratulates all these legislators on their new positions, and we look forward to working with them to strengthen and invest in Ohio's municipalities over the course of the 133<sup>rd</sup> General Assembly.

### **Ohio Municipal League Meetings & Trainings**

<u>Integrated Risk Management for Ohio</u> <u>Public Entities Seminars</u> January 23, January 24 & February 27	Registration Information <u>HERE</u>
OML/OMAA Webinar: Feb 20th Private Financing of Public Projects	Registration Information <u>HERE</u>
OML/OMAA Webinar: Feb 28th Dealing with people you can't stand - Commuincation in the workplace	Registration Information <u>HERE</u>

#### Ohio Municipal League

Legislative Inquires: <u>Kent Scarrett, Executive Director</u> <u>Edward Albright, Deputy Director</u> <u>Ashley Brewster, Director of Communications</u> Thomas Wetmore, Legislative Advocate

Website/Bulletin Issues: Zoë Wade, Office Manager

Ohio Municipal League, 175 S. Third Street, Suite 510, Columbus, OH 43215

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