Received: 08/07/2019

INCORPORATED VILLAGE OF FREEPORT
INDEX TO EXHIBITS
Historic Year Ended February 28, 2019
Rate Year Ending February 29, 2020

Received: 08/07/2019

INCORPORATED VILLAGE OF FREEPORT

NET OPERATING INCOME and RATE OF RETURN ON RATE BASE

Historic Year Ended February 28, 2019 and Rate Year Ending February 29, 2020

Line	Description	Year Ended 2/28/17	Year Ended 2/28/18	Historic Year Ended February 28, 2019				Rate Year Ending February 29, 2020			
				Actual		Adjustments	Adjusted	Adjustments	Reference	Present Rates	Proposed Rates
1	**Revenue**										
2	Base revenue			$27,408,088			$27,408,088	($316,277)	Exhibit 4-1	$27,091,811	$28,351,385
3	FAC revenue			4,953,029			4,953,029		Exhibit 4-1	4,802,497	4,802,497
4	Total Per Rates and Charges	$29,121,917	$30,735,613	32,361,117		0	32,361,117			31,894,308	33,153,882
5	FAC Accrual	169,551	(52,789)	(211,336)			(211,336)			0	
6	EE collected in FAC	(252,772)	(249,507)	(131,164)			(131,164)		Exhibit 7-5	(250,580)	(250,580)
7	Rounding Adjustment	0	0	16,099			16,099				
8	Operating Revenues	29,038,697	30,433,318	32,034,716		0	32,034,716			31,643,727	32,903,302
9	Power Supplier	1,220,041	865,215	898,512			898,512		Same as FY19	898,512	898,512
10	LIPA Share Expenses	1,185,504	1,292,787	1,189,390	(a)	(1,189,390)	0		Same as FY19	0	0
11	Deferred Revenue / Expense	1,035,692	1,337,425	1,158,214	(a)	(1,158,214)	0		Same as FY19	0	0
12	Deferred Rev / Exp- Station	92,323	83,141	79,366	(a)	(79,366)	0		Same as FY19	0	0
13	Capacity- Other / LIPA	2,367,972	2,367,972	2,367,972			2,367,972		Same as FY19	2,367,972	2,367,972
14	TCC Recovery	(3,705,307)	(3,937,454)	(4,433,430)			(4,433,430)		Same as FY19	(4,433,430)	(4,433,430)
15	Rent from Elec property	67,164	91,047	62,175			62,175		Same as FY19	62,175	62,175
16	Miscellaneous Revenue	210,156	129,264	238,690			238,690		Same as FY19	238,690	238,690
17	Late charges	93,281	93,329	99,478			99,478		Pro rata to Oper Rev	98,264	98,264
18	Non-Operating	103,451	153,148	156,251	(c)	(156,251)	0			0	0
19	Total Revenue	31,708,974	32,909,191	33,851,334		(2,583,220)	31,268,114	(316,277)		30,875,911	32,135,485
20	*TB*	*31,708,974*	*32,909,191*	*34,062,669*							
21	**Expenses**										
22	Fuel and Purchased Power	6,547,315	8,230,374	8,542,363			8,542,363		Exhibit 7-5	8,382,888	8,382,888
23											
24	LM6000										
25	Engine Gas / Oil	1,807,287	2,297,888	1,920,880	(b)	(1,920,880)	0		Same as FY19	0	0
26	RGGI, Prod. Supplies, Other	263,032	116,533	118,638		32,160	150,798		Same as FY19	150,798	150,798
27	NYISO TCC Purchase	0	0	0			0		Same as FY19	0	0
28	Station Service and Other	151,159	163,886	123,259	(b)	(40,326)	82,933		Same as FY19	82,933	82,933
29	Production Rent	475,120	475,120	475,120			475,120		Same as FY19	475,120	475,120
30		2,696,598	3,053,426	2,637,897		(1,929,046)	708,851			708,851	708,851
31											
32	Labor										
33	Labor- Electric	4,478,581	4,569,867	4,997,187			4,997,187	18,312	Exhibit 7-1	5,015,499	5,015,499
34	Labor- Transfers	570,180	570,180	505,463			505,463	12,365	Exhibit 7-4	517,828	517,828
35		5,048,761	5,140,047	5,502,650		0	5,502,650	30,677		5,533,327	5,533,327
36											
37	Fringes and Benefits										
38	Medical and Dental Insurance	2,170,208	2,412,039	2,441,193	(f)	405	2,441,598	260,118	Exhibit 7-3	2,701,715	2,701,715
39	Leave Time Expense	1,467,890	1,419,052	1,589,163			1,589,163	31,783	Exhibit 7-1	1,620,947	1,620,947
40	Retirement	1,055,891	986,160	1,158,588			1,158,588	2,293	Exhibit 7-1	1,160,881	1,160,881
41	FICA	332,407	356,524	354,794			354,794	709	Exhibit 7-1	355,503	355,503
42	Medicare Contribution/Reimburseme	166,965	175,244	190,265			190,265	(851)	Exhibit 7-1	189,414	189,414
43	Worker's Compensation	140,956	135,727	193,990			193,990	2,574	Exhibit 7-1	196,564	196,564
44	Other Employee Benefits	27,126	26,295	26,415			26,415	0	Same as FY19	26,415	26,415
45		5,361,443	5,511,042	5,954,407		405	5,954,812	296,626		6,251,438	6,251,438
46											
47	Other Operating Expenses										
48	Labor Benefits Transfers	92,820	92,820	256,581			256,581	17,876	Exhibit 7-4	274,457	274,457
49	Repairs	159,002	151,495	196,678			196,678	3,751	Inflation- Note (d)	200,429	200,429

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INCORPORATED VILLAGE OF FREEPORT

NET OPERATING INCOME and RATE OF RETURN ON RATE BASE

Historic Year Ended February 28, 2019 and Rate Year Ending February 29, 2020

Line	Description	Year Ended 2/28/17	Year Ended 2/28/18	Historic Year Ended February 28, 2019				Rate Year Ending February 29, 2020			
				Actual		Adjustments	Adjusted	Adjustments	Reference	Present Rates	Proposed Rates
50	Distribution Operations	201,999	261,613	217,813			217,813	4,154	Inflation- Note (d)	221,966	221,966
51	A&G- Exec / Comp / Legal / Mgmt	377,388	311,420	288,200	(e)	(16,047)	272,154	5,190	Inflation- Note (d)	277,344	277,344
52	Insurance	262,021	258,189	290,187	(b)	(22,389)	267,798	5,107	Inflation- Note (d)	272,905	272,905
53	Transportation	173,485	194,387	206,216			206,216	3,932	Inflation- Note (d)	210,149	210,149
54	Customer Billing and Accounting	103,214	112,391	119,322			119,322	2,275	Inflation- Note (d)	121,597	121,597
55	Security	177,340	169,653	189,446			189,446	3,613	Inflation- Note (d)	193,058	193,058
56	Transmission	28,763	26,994	12,224			12,224	233	Inflation- Note (d)	12,457	12,457
57	Production Operations	260,002	228,339	74,856			74,856	1,427	Inflation- Note (d)	76,284	76,284
58	Station	115,450	115,301	167,233			167,233	3,189	Inflation- Note (d)	170,422	170,422
59	Safety & Education	76,669	97,097	86,105			86,105	1,642	Inflation- Note (d)	87,747	87,747
60	Regulatory Commission Expense	92,120	85,312	76,760			76,760	11,691	(g)	88,451	88,451
61	Agency Fees	104,472	71,767	68,346			68,346	1,303	Inflation- Note (d)	69,649	69,649
62	Rents	48,570	48,570	48,570			48,570	926	Inflation- Note (d)	49,496	49,496
63	Materials and Supplies	37,076	119,704	47,790			47,790	911	Inflation- Note (d)	48,702	48,702
64	Lighting	8,303	13,615	26,307			26,307	502	Inflation- Note (d)	26,809	26,809
65	Other Operating Expenses			0			0	31,400	Exhibit 7-13	31,400	31,400
66	Depreciation Expense	3,019,377	2,964,086	2,972,067			2,972,067	129,251		3,101,318	3,101,318
67	Total Other Operating Expenses	5,338,071	5,322,752	5,344,702		(38,436)	5,306,266	228,374		5,534,640	5,534,640
68											
69	Other Expenses and Costs										
70	Tax Equivalency, net	3,747,000	3,747,000	3,747,000	(a)	(86,085)	3,660,915	0	Same as FY19	3,660,915	3,660,915
71	Uncollectible Accounts Expense	114,355	82,576	89,612			89,612	5,249	Exhibit 7-10	94,861	99,271
72	Other	83,345	1,625	83,523			83,523	1,593	Inflation- Note (d)	85,116	85,116
73		3,944,701	3,831,201	3,920,135		(86,085)	3,834,050	6,842		3,840,891	3,845,301
74											
75	Total Expenses	28,936,889	31,088,841	31,902,154		(2,053,162)	29,848,992	562,519		30,252,035	30,256,446
76	*TB*	*28,936,889*	*31,088,841*	*31,902,154*			*29,848,992*				
77	**Net Operating Income**	2,772,085	1,820,350	1,949,180		(530,057)	1,419,123	(878,796)		623,876	1,879,040
78											
79	**Rate Base**			$60,362,274			$60,362,274		Exhibit 6-10	$59,367,121	$59,367,121
80	**Rate of Return on Rate Base**			**3.23%**			**2.35%**			**1.05%**	**3.17%**
81											3.93%
82											
83	FY2020 Base Revenue at Present Rate (Net Equus Contractual Demand $20,004)										27,091,811
84	Target % Increase										4.65%
85	Rate Case Revenue increase										1,259,574
86	Proposed increase in rates									Used Incr %	1.04649
87											
88	(a) Remove LIPA and Deferred Revenue, total $2,513,055.00										
89	(b) Remove LM6000 Expenses $1,983,595.00 that will be reimbursed by LIPA										
90	(c) Revenue from Property Damaged Invoices, Interest Incomes and etc.										
91	(d) Inflation from FY 2018 to FY 2019 @ CPI= 1.91% per year; 1.91% overall										
92	(e) Remove Rate Case Expenses that was entered as Legal Expenses										
93	(f) February 2019 Expenses has not been recorded										
94	(g) Annual PSC Assessment										
95											

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INCORPORATED VILLAGE OF FREEPORT
SUMMARY OF ELECTRIC SALES, CUSTOMERS AND REVENUE - Historic Year
Historic Year Ended February 28, 2019

				Present Rates Historic		
Line	**Service Classification**	**Sales (kWh)**	**Average Customers**	**Base Rates**	**Fuel Clause**	**Total**
1	Service Classification 1- Residential					
2	Non Heating	112,567,980	12,362	$ 12,437,864	$ 2,178,312	$ 14,616,177
3	Water Heating (Special provisoin B)	3,450,658	257	356,714	66,905	423,619
4	Space Heating (Special provision C)	149,404	9	15,223	2,856	18,078
5	All Electric Heating (Special provision D)	4,248,749	348	424,696	80,749	505,445
6		120,416,791	12,975	13,234,497	2,328,822	15,563,319
7						
8						
9	Service Classification 2- General Service					
10	Non-Demand	3,854,840	519	472,927	74,840	547,768
11	Demand- Secondary	113,646,003	1,212	11,209,044	2,237,313	13,446,357
12	Demand- Primary	10,229,779	11	1,010,852	201,382	1,212,234
13		127,730,622	1,741	12,692,823	2,513,535	15,206,359
14						
15	Street Lights	5,292,201	2	1,444,504	103,494	1,547,998
16						
17	Traffic Lights / Other	367,208	86	36,264	7,177	43,441
18	Subtotals	253,806,822	14,805	27,408,088	4,953,029	32,361,117
19						
20	TOTAL	253,806,822	14,805	$ 27,408,088	$ 4,953,029	$ 32,361,117

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INCORPORATED VILLAGE OF FREEPORT
MONTHLY BILLING UNITS, RATES AND REVENUE- Historic Year
Historic Year Ended February 28, 2019- Present Rates

Line	Month		Residential- Non Heating	Residential- Water Heating	Residential- Space Heating	Residential- All Electric Heating	General Service- Non-Demand	General Service- Demand	General Service- Primary	Street Lights	Traffic Lights / Other	Total
1							**BILLING UNITS**					
2							**kWh Sales Historic Year Ended February 28, 2019**					
3	Mar-18	Winter	8,599,572	296,162	14,954	455,805	330,333	8,553,108	745,880	458,388	31,411	19,485,613
4	Apr-18	Winter	8,464,656	286,814	13,407	459,141	340,666	9,203,591	854,076	456,439	31,309	20,110,099
5	May-18	Winter	6,942,627	229,593	8,956	302,725	278,890	8,542,837	806,712	393,235	28,827	17,534,402
6	Jun-18	Summer	7,635,049	238,413	7,776	218,490	262,157	9,311,945	866,761	358,846	27,467	18,926,904
7	Jul-18	Summer	10,829,203	315,652	10,778	261,909	289,623	10,081,735	948,809	328,117	26,243	23,092,069
8	Aug-18	Summer	11,924,144	334,591	12,682	275,047	319,510	10,584,459	907,108	347,764	26,991	24,732,296
9	Sep-18	Summer	12,344,871	330,187	11,780	306,147	369,861	12,235,266	1,048,078	386,691	28,555	27,061,436
10	Oct-18	Summer	7,758,698	231,540	7,866	203,132	253,373	8,598,280	823,404	421,558	31,539	18,329,390
11	Nov-18	Winter	7,447,373	236,903	11,004	250,759	275,029	9,087,422	795,773	543,820	30,909	18,678,992
12	Dec-18	Winter	9,824,724	310,920	15,698	454,715	341,190	8,995,129	806,053	491,366	33,757	21,273,552
13	Jan-19	Winter	10,008,606	312,876	16,914	459,938	366,846	8,643,418	744,598	559,426	35,355	21,147,977
14	Feb-19	Winter	10,788,457	327,007	17,589	600,941	427,362	9,808,813	882,527	546,551	34,845	23,434,092
15	Adjustments											0
16			112,567,980	3,450,658	149,404	4,248,749	3,854,840	113,646,003	10,229,779	5,292,201	367,208	253,806,822
17												
18							**Number of Bills Historic Year Ended February 28, 2019**					
19	Mar-18	Winter	12,348	264	9	368	524	1,209	11			14,733
20	Apr-18	Winter	12,326	266	9	366	511	1,211	11			14,700
21	May-18	Winter	12,339	263	9	361	522	1,213	11			14,718
22	Jun-18	Summer	12,354	257	9	356	509	1,205	11			14,701
23	Jul-18	Summer	12,368	257	9	355	511	1,210	11			14,721
24	Aug-18	Summer	12,312	258	9	348	514	1,213	11			14,665
25	Sep-18	Summer	12,358	258	8	343	520	1,216	11			14,714
26	Oct-18	Summer	12,368	256	8	342	520	1,210	11			14,715
27	Nov-18	Winter	12,382	255	8	336	530	1,207	11			14,729
28	Dec-18	Winter	12,384	251	8	332	522	1,214	11			14,722
29	Jan-19	Winter	12,397	249	9	332	523	1,210	11			14,731
30	Feb-19	Winter	12,413	247	7	333	520	1,221	11			14,752
31	Annual Bills		148,349	3,081	102	4,172	6,226	14,539	132	0	0	176,601
32	Average Monthly Bills		12,362	257	9	348	519	1,212	11	0	0	14,717
33												

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INCORPORATED VILLAGE OF FREEPORT
MONTHLY BILLING UNITS, RATES AND REVENUE- Historic Year
Historic Year Ended February 28, 2019- Present Rates

Line	Month		Residential- Non Heating	Residential- Water Heating	Residential- Space Heating	Residential- All Electric Heating	General Service- Non-Demand	General Service- Demand	General Service- Primary	Street Lights	Traffic Lights / Other	Total
34							**RATES AND CHARGES**					
35							**Tariff Rates**					
36	Customer Charge		$7.53	$7.53	$7.53	$7.53	$9.77	$37.60	$37.60			
37	Winter											
38	Energy 1	Winter	$0.09594	$0.09350	$0.09594	$0.09594	$0.10452	$0.06140	$0.06140			
39	Energy 2	Winter	$0.09594	$0.09350	$0.09594	$0.09594						
40	Energy 3	Winter	$0.09594	$0.08521	$0.08521	$0.08521						
41	Energy 4	Winter		$0.09594		$0.08521						
42	Demand 1	Winter						$8.65	$8.65			
43	Demand 2	Winter						$8.65	$8.65			
44												
45	Summer											
46	Energy 1	Summer	$0.09594	$0.09594	$0.09594	$0.09594	$0.11067	$0.06503	$0.06503			
47	Energy 2	Summer	$0.10856	$0.10856	$0.10856	$0.10856						
48	Energy 3	Summer	$0.11515	$0.09478	$0.11515	$0.08836						
49	Energy 4	Summer		$0.11515		$0.11515						
50	Demand 1	Summer						$8.65	$8.65			
51	Demand 2	Summer						$9.10	$9.10			
52										Per Light-Montl	Per Face	
53	Average Rate per kWh									$29.42	$2.5900	
54												
55							**COMPUTATION OF REVENUE**					
56							**Customer Charge Revenue**					
57	Mar-18	Winter	$92,980	$1,988	$68	$2,771	$5,119	$45,458	$414			$148,799
58	Apr-18	Winter	92,815	2,003	68	2,756	4,992	45,534	414			148,581
59	May-18	Winter	92,913	1,980	68	2,718	5,100	45,609	414			148,802
60	Jun-18	Summer	93,026	1,935	68	2,681	4,973	45,308	414			148,404
61	Jul-18	Summer	93,131	1,935	68	2,673	4,992	45,496	414			148,709
62	Aug-18	Summer	92,709	1,943	68	2,620	5,022	45,609	414			148,384
63	Sep-18	Summer	93,056	1,943	60	2,583	5,080	45,722	414			148,857
64	Oct-18	Summer	93,131	1,928	60	2,575	5,080	45,496	414			148,684
65	Nov-18	Winter	93,236	1,920	60	2,530	5,178	45,383	414			148,722
66	Dec-18	Winter	93,252	1,890	60	2,500	5,100	45,646	414			148,862
67	Jan-19	Winter	93,349	1,875	68	2,500	5,110	45,496	414			148,811
68	Feb-19	Winter	93,470	1,860	53	2,507	5,080	45,910	414			149,294
69			$1,117,068	$23,200	$768	$31,415	$60,828	$546,666	$4,963	$0	$0	$1,784,909
70												

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INCORPORATED VILLAGE OF FREEPORT
MONTHLY BILLING UNITS, RATES AND REVENUE- Historic Year
Historic Year Ended February 28, 2019- Present Rates

Line	Month		Residential- Non Heating	Residential- Water Heating	Residential- Space Heating	Residential- All Electric Heating	General Service- Non-Demand	General Service- Demand	General Service- Primary	Street Lights	Traffic Lights / Other	Total
71								**kWh Revenue**				
72	Mar-18	Winter	$825,043	$27,217	$1,368	$40,724	$34,526	$525,161	$45,797			$1,499,836
73	Apr-18	Winter	812,099	26,339	1,232	40,999	35,606	565,100	52,440			1,533,816
74	May-18	Winter	666,076	20,980	842	27,571	29,150	524,530	49,532			1,318,681
75	Jun-18	Summer	799,370	24,323	821	21,820	29,013	605,556	56,365			1,537,268
76	Jul-18	Summer	1,154,895	32,790	1,159	26,237	32,053	655,615	61,701			1,964,450
77	Aug-18	Summer	1,276,672	34,851	1,377	27,559	35,360	688,307	58,989			2,123,116
78	Sep-18	Summer	1,321,836	34,286	1,281	30,754	40,933	795,659	68,157			2,292,905
79	Oct-18	Summer	812,449	23,575	837	20,330	28,041	559,146	53,546			1,497,924
80	Nov-18	Winter	714,501	21,641	1,017	22,937	28,746	557,968	48,860			1,395,670
81	Dec-18	Winter	942,584	28,599	1,422	40,465	35,661	552,301	49,492			1,650,524
82	Jan-19	Winter	960,226	28,785	1,529	40,927	38,343	530,706	45,718			1,646,234
83	Feb-19	Winter	1,035,045	30,129	1,571	52,956	44,668	602,261	54,187			1,820,817
84			$11,320,796	$333,514	$14,455	$393,281	$412,099	$7,162,311	$644,785	$0	$0	$20,281,242
85												
86								**Demand Revenue**				
87	Mar-18	Winter						$279,391	$28,084	$120,152.03	$3,022	$430,649
88	Apr-18	Winter						278,054	29,741	120,156	3,022	$430,973
89	May-18	Winter						277,146	29,325	120,298	3,022	$429,791
90	Jun-18	Summer						290,915	29,780	120,300	3,022	$444,016
91	Jul-18	Summer						308,613	30,657	120,296	3,022	$462,588
92	Aug-18	Summer						309,778	30,342	120,315	3,022	$463,456
93	Sep-18	Summer						320,679	32,262	120,225	3,022	$476,188
94	Oct-18	Summer						302,700	33,131	121,501	3,022	$460,355
95	Nov-18	Winter						281,618	29,961	128,233	3,022	$442,834
96	Dec-18	Winter						278,482	28,344	112,042	3,022	$421,890
97	Jan-19	Winter						280,770	29,096	120,435	3,022	$433,324
98	Feb-19	Winter						291,920	30,381	120,552	3,022	$445,874
99		kVar							0			$0
100			$0	$0	$0	$0	$0	$3,500,067	$361,104	$1,444,504	$36,264	$5,341,938
101												

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INCORPORATED VILLAGE OF FREEPORT
MONTHLY BILLING UNITS, RATES AND REVENUE- Historic Year
Historic Year Ended February 28, 2019- Present Rates

Line	Month		Residential- Non Heating	Residential- Water Heating	Residential- Space Heating	Residential- All Electric Heating	General Service- Non-Demand	General Service- Demand	General Service- Primary	Street Lights	Traffic Lights / Other	Total
102			**COMPUTATION OF REVENUE - CONTINUED**									
103			**FAC Revenue**									
104	Mar-18	0.027993	$240,729	$8,291	$419	$12,759	$9,247	$239,429	$20,880	$12,832	$879	$545,464
105	Apr-18	0.009795	82,911	2,809	131	4,497	3,337	90,149	8,366	4,471	$307	196,978
106	May-18	0.030530	211,957	7,009	273	9,242	8,514	260,812	24,629	12,005	$880	535,323
107	Jun-18	0.022357	170,697	5,330	174	4,885	5,861	208,187	19,378	8,023	$614	423,148
108	Jul-18	0.022659	245,381	7,152	244	5,935	6,563	228,444	21,499	7,435	$595	523,247
109	Aug-18	0.012557	149,732	4,201	159	3,454	4,012	132,910	11,391	4,367	$339	310,565
110	Sep-18	0.024215	298,928	7,995	285	7,413	8,956	296,274	25,379	9,364	$691	655,287
111	Oct-18	0.016779	130,181	3,885	132	3,408	4,251	144,268	13,816	7,073	$529	307,544
112	Nov-18	0.024501	182,464	5,804	270	6,144	6,738	222,647	19,497	13,324	$757	457,645
113	Dec-18	0.009529	93,620	2,963	150	4,333	3,251	85,715	7,681	4,682	$322	202,716
114	Jan-19	0.020769	207,871	6,498	351	9,553	7,619	179,517	15,465	11,619	$734	439,226
115	Feb-19	0.015187	163,840	4,966	267	9,126	6,490	148,963	13,403	8,300	$529	355,884
116			$2,178,312	$66,905	$2,856	$80,749	$74,840	$2,237,313	$201,382	$103,494	$7,177	$4,953,029
117												
118			**Total Revenue**									
119	Mar-18	Winter	$1,158,753	$37,495	$1,854	$56,255	$48,893	$1,089,439	$95,174	$132,984	$3,901	$2,624,748
120	Apr-18	Winter	987,825	31,151	1,431	48,253	43,936	978,837	90,960	124,627	3,329	2,310,348
121	May-18	Winter	970,946	29,970	1,183	39,532	42,764	1,108,097	103,900	132,303	3,902	2,432,597
122	Jun-18	Summer	1,063,092	31,588	1,062	29,386	39,847	1,149,966	105,937	128,322	3,636	2,552,836
123	Jul-18	Summer	1,493,407	41,878	1,471	34,844	43,608	1,238,168	114,271	127,731	3,617	3,098,994
124	Aug-18	Summer	1,519,114	40,995	1,604	33,634	44,394	1,176,604	101,135	124,682	3,361	3,045,523
125	Sep-18	Summer	1,713,820	44,224	1,627	40,750	54,969	1,458,334	126,211	129,589	3,713	3,573,237
126	Oct-18	Summer	1,035,762	29,387	1,030	26,314	37,372	1,051,611	100,907	128,575	3,551	2,414,508
127	Nov-18	Winter	990,202	29,366	1,346	31,611	40,662	1,107,615	98,732	141,557	3,779	2,444,871
128	Dec-18	Winter	1,129,456	33,452	1,631	47,298	44,012	962,145	85,930	116,724	3,344	2,423,992
129	Jan-19	Winter	1,261,446	37,158	1,948	52,980	51,072	1,036,489	90,693	132,054	3,756	2,667,595
130	Feb-19	Winter	1,292,355	36,955	1,890	64,590	56,238	1,089,054	98,384	128,852	3,551	2,771,869
131		kVar	0	0	0	0	0	0	0	0	0	
132			$14,616,177	$423,619	$18,078	$505,445	$547,768	$13,446,357	$1,212,234	$1,547,998	$43,441	$32,361,117
133												
134	Revenue w/o FAC		$12,437,864	$356,714	$15,223	$424,696	$472,927	$11,209,044	$1,010,852	$1,444,504	$36,264	$27,408,088
135												
136												
137												
138												

Received: 08/07/2019

INCORPORATED VILLAGE OF FREEPORT
MONTHLY BILLING UNITS, RATES AND REVENUE- Historic Year
Historic Year Ended February 28, 2019- Present Rates

Line	Month		Residential- Non Heating	Residential- Water Heating	Residential- Space Heating	Residential- All Electric Heating	General Service- Non-Demand	General Service- Demand	General Service- Primary	Street Lights	Traffic Lights / Other	Total
139							**Block 1 kWh**					
140	Mar-18	Winter	2,772,711	65,395	2,250	90,592	330,333	8,553,108	745,880	458,388	11,924	13,030,581
141	Apr-18	Winter	2,765,983	65,513	2,250	90,326	340,666	9,203,591	854,076	456,439	11,924	13,790,768
142	May-18	Winter	2,756,793	64,362	2,250	87,881	278,890	8,542,837	806,712	393,235	11,924	12,944,884
143	Jun-18	Summer	2,826,380	63,714	2,250	85,732	262,157	9,311,945	866,761	358,846	11,924	13,789,709
144	Jul-18	Summer	2,942,866	63,865	2,250	86,484	289,623	10,081,735	948,809	328,117	11,924	14,755,673
145	Aug-18	Summer	2,965,599	63,940	2,250	84,766	319,510	10,584,459	907,108	347,764	11,924	15,287,320
146	Sep-18	Summer	3,037,192	64,756	2,033	85,023	369,861	12,235,266	1,048,078	386,691	11,924	17,240,824
147	Oct-18	Summer	2,852,043	63,001	2,000	81,878	253,373	8,598,280	823,404	421,558	11,924	13,107,461
148	Nov-18	Winter	2,842,269	62,643	2,000	81,663	275,029	9,087,422	795,773	543,820	11,924	13,702,543
149	Dec-18	Winter	2,829,121	62,206	2,000	82,045	341,190	8,995,129	806,053	491,366	11,924	13,621,034
150	Jan-19	Winter	2,868,037	61,937	2,117	82,404	366,846	8,643,418	744,598	559,426	11,924	13,340,707
151	Feb-19	Winter	2,850,852	61,247	1,750	82,821	427,362	9,808,813	882,527	546,551	11,924	14,673,847
152			34,309,846	762,579	25,400	1,021,615	3,854,840	113,646,003	10,229,779	5,292,201	143,088	169,285,351
153												
154							**Block 2 kWh**					
155	Mar-18	Winter	4,023,299	60,461	6,469	85,085					19,487	4,194,801
156	Apr-18	Winter	3,982,690	59,245	6,072	84,509					19,385	4,151,901
157	May-18	Winter	3,390,087	56,744	5,090	77,656					16,903	3,546,480
158	Jun-18	Summer	3,871,175	57,502	4,781	63,397					15,543	4,012,398
159	Jul-18	Summer	5,395,290	61,022	5,862	68,864					14,319	5,545,357
160	Aug-18	Summer	5,982,385	62,044	6,038	70,810					15,067	6,136,344
161	Sep-18	Summer	6,271,788	62,749	5,511	74,941					16,631	6,431,620
162	Oct-18	Summer	3,972,216	57,154	4,539	54,241					19,615	4,107,765
163	Nov-18	Winter	3,735,434	56,307	5,353	64,621					18,985	3,880,700
164	Dec-18	Winter	4,571,407	58,349	5,819	78,161					21,833	4,735,569
165	Jan-19	Winter	4,629,528	58,716	6,067	79,402					23,431	4,797,144
166	Feb-19	Winter	4,702,757	58,169	4,941	80,297					22,921	4,869,085
167			54,528,056	708,462	66,542	881,984	0	0	0	0	224,120	56,409,164
168												

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INCORPORATED VILLAGE OF FREEPORT
MONTHLY BILLING UNITS, RATES AND REVENUE- Historic Year
Historic Year Ended February 28, 2019- Present Rates

Line	Month		Residential- Non Heating	Residential- Water Heating	Residential- Space Heating	Residential- All Electric Heating	General Service- Non-Demand	General Service- Demand	General Service- Primary	Street Lights	Traffic Lights / Other	Total
169							**Block 3 kWh**					
170	Mar-18	Winter	1,803,562	82,922	6,235	124,666						2,017,385
171	Apr-18	Winter	1,715,983	81,454	5,085	129,406						1,931,928
172	May-18	Winter	795,747	70,007	1,616	90,186						957,556
173	Jun-18	Summer	937,494	74,977	745	47,566						1,060,782
174	Jul-18	Summer	2,491,047	94,657	2,666	67,456						2,655,826
175	Aug-18	Summer	2,976,160	100,160	4,394	75,297						3,156,011
176	Sep-18	Summer	3,035,891	102,013	4,236	88,534						3,230,674
177	Oct-18	Summer	934,439	73,655	1,327	42,191						1,051,612
178	Nov-18	Winter	869,670	74,264	3,651	54,194						1,001,779
179	Dec-18	Winter	2,424,196	87,265	7,879	121,447						2,640,787
180	Jan-19	Winter	2,511,041	87,432	8,730	121,754						2,728,957
181	Feb-19	Winter	3,234,848	88,804	10,898	142,982						3,477,532
182			23,730,078	1,017,610	57,462	1,105,679	0	0	0	0	0	25,910,829
183												
184							**Block 4 kWh**					
185	Mar-18	Winter		87,384		155,462						242,846
186	Apr-18	Winter		80,602		154,900						235,502
187	May-18	Winter		38,480		47,002						85,482
188	Jun-18	Summer		42,220		21,795						64,015
189	Jul-18	Summer		96,108		39,105						135,213
190	Aug-18	Summer		108,447		44,174						152,621
191	Sep-18	Summer		100,669		57,649						158,318
192	Oct-18	Summer		37,730		24,822						62,552
193	Nov-18	Winter		43,689		50,281						93,970
194	Dec-18	Winter		103,100		173,062						276,162
195	Jan-19	Winter		104,791		176,378						281,169
196	Feb-19	Winter		118,787		294,841						413,628
197			0	962,007	0	1,239,471	0	0	0	0	0	2,201,478
198												

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INCORPORATED VILLAGE OF FREEPORT
MONTHLY BILLING UNITS, RATES AND REVENUE- Historic Year
Historic Year Ended February 28, 2019- Present Rates

Line	Month		Residential- Non Heating	Residential- Water Heating	Residential- Space Heating	Residential- All Electric Heating	General Service- Non-Demand	General Service- Demand	General Service- Primary	Street Lights	Traffic Lights / Other	Total
199								**Block 1 Demand**				
200	Mar-18	Winter						5,865	55			5,920
201	Apr-18	Winter						5,891	55			5,946
202	May-18	Winter						5,863	55			5,918
203	Jun-18	Summer						5,811	55			5,866
204	Jul-18	Summer						5,835	55			5,890
205	Aug-18	Summer						5,855	55			5,910
206	Sep-18	Summer						5,865	55			5,920
207	Oct-18	Summer						5,809	55			5,864
208	Nov-18	Winter						5,814	55			5,869
209	Dec-18	Winter						5,870	55			5,925
210	Jan-19	Winter						5,844	55			5,899
211	Feb-19	Winter						5,913	55			5,968
212								70,232	660			70,892
213												
214								**Block 2 Demand**				
215	Mar-18	Winter						26,435	2,999			29,434
216	Apr-18	Winter						26,255	3,191			29,445
217	May-18	Winter						26,177	3,143			29,320
218	Jun-18	Summer						26,446	3,195			29,641
219	Jul-18	Summer						28,368	3,297			31,664
220	Aug-18	Summer						28,477	3,260			31,737
221	Sep-18	Summer						29,665	3,482			33,147
222	Oct-18	Summer						27,743	3,583			31,325
223	Nov-18	Winter						26,744	3,216			29,960
224	Dec-18	Winter						26,325	3,029			29,354
225	Jan-19	Winter						26,615	3,116			29,731
226	Feb-19	Winter						27,835	3,265			31,100
227								327,081	38,774			365,854

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INCORPORATED VILLAGE OF FREEPORT

SUMMARY OF ELECTRIC SALES, CUSTOMERS AND REVENUE- Rate Year, Present and Proposed Rates

Rate Year Ending February 29, 2020

				Revenue - Present Rates			Revenue - Proposed Rates		
Line	Service Classification	Sales (kWh)	Average Customers	Base Rates	Fuel Clause	Total	Base Rates	Fuel Clause	Total
		Source: Exhibit 4-2		*Source: Exhibit 4-2*			*Source: Exhibit 4-3*		
1	Service Classification 1- Residential								
2	Non Heating	108,915,670	12,362	$ 12,057,909	$ 2,087,424	$ 14,145,333	$ 12,618,515	$ 2,087,424	$ 14,705,939
3	Water Heating (Special provision B)	3,571,487	257	368,038	68,449	436,488	385,150	68,449	453,599
4	Space Heating (Special provision C)	129,339	9	13,169	2,479	15,648	13,781	2,479	16,260
5	All Electric Heating (Special provision D)	4,664,192	348	463,089	89,392	552,481	484,620	89,392	574,011
6		117,280,688	12,975	12,902,206	2,247,743	15,149,950	13,502,066	2,247,743	15,749,809
7									
8									
9	Service Classification 2- General Service								
10	Non-Demand	4,171,420	519	507,431	79,947	587,378	531,023	79,947	610,970
11	Demand- Secondary	113,277,074	1,212	11,184,885	2,171,012	13,355,898	11,704,902	2,171,012	13,875,914
12	Demand- Primary	10,191,654	11	1,016,521	195,328	1,211,849	1,063,782	195,328	1,259,110
13		127,640,148	1,741	12,708,837	2,446,288	15,155,125	13,299,707	2,446,288	15,745,995
14									
15									
16	Street Lights	5,292,201	2	1,444,504	101,428	1,545,931	1,511,663	101,428	1,613,090
17									
18	Traffic Lights / Other	367,208	86	36,264	7,038	43,302	37,950	7,038	44,988
19	Subtotals	250,580,245	14,805	27,091,811	4,802,497	31,894,308	28,351,385	4,802,497	33,153,882
20									
21	TOTAL	250,580,245	14,805	$ 27,091,811	$ 4,802,497	$ 31,894,308	$ 28,351,385	$ 4,802,497	$ 33,153,882
22									

Received: 08/07/2019

INCORPORATED VILLAGE OF FREEPORT
MONTHLY BILLING UNITS, RATES AND REVENUE- Rate Year, Present Rates
Rate Year Ending February 29, 2020- Present Rates

Line	Month		Residential- Non Heating	Residential- Water Heating	Residential- Space Heating	Residential- All Electric Heating	General Service- Non-Demand	General Service- Demand	General Service- Primary	Street Lights	Traffic Lights / Other	Total
1			**BILLING UNITS**									
2			**kWh Sales Rate Year Ending February 29, 2020**									
3	Mar-19	Winter	9,014,040	315,216	14,769	618,608	351,080	8,667,321	754,831	458,388	31,411	20,225,664
4	Apr-19	Winter	8,073,530	283,556	11,160	469,944	342,370	8,713,145	853,600	456,439	31,309	19,235,053
5	May-19	Winter	6,885,162	237,226	4,752	300,713	349,740	9,001,673	818,796	393,235	28,827	18,020,124
6	Jun-19	Summer	7,375,338	247,491	5,670	239,232	341,030	8,656,720	925,419	358,846	27,467	18,177,213
7	Jul-19	Summer	10,648,848	325,362	10,098	298,910	342,370	10,159,160	995,093	328,117	26,243	23,134,201
8	Aug-19	Summer	11,647,152	345,978	10,872	310,068	344,380	11,018,892	962,632	347,764	26,991	25,014,729
9	Sep-19	Summer	10,689,670	314,760	7,952	304,241	348,400	11,116,672	970,332	386,691	28,555	24,167,273
10	Oct-19	Summer	7,321,856	237,824	3,856	232,560	348,400	9,445,260	862,554	421,558	31,539	18,905,407
11	Nov-19	Winter	7,491,110	255,765	7,024	273,504	355,100	8,802,651	760,320	543,820	30,909	18,520,203
12	Dec-19	Winter	8,879,328	299,945	13,040	397,404	349,740	8,826,994	762,949	491,366	33,757	20,054,523
13	Jan-20	Winter	10,735,802	365,034	21,015	587,640	350,410	9,349,670	736,758	559,426	35,355	22,741,110
14	Feb-20	Winter	10,153,834	343,330	19,131	631,368	348,400	9,518,916	788,370	546,551	34,845	22,384,745
15	Adjustments											0
16			108,915,670	3,571,487	129,339	4,664,192	4,171,420	113,277,074	10,191,654	5,292,201	367,208	250,580,245
17	*Historic- FYE 2019*		*112,567,980*	*3,450,658*	*149,404*	*4,248,749*	*3,854,840*	*113,646,003*	*10,229,779*	*5,292,201*	*367,208*	*253,806,822*
18			**Number of Bills Rate Year Ending February 29, 2020**									
19	Mar-19	Winter	12,348	264	9	368	524	1,209	11	0	0	14,733
20	Apr-19	Winter	12,326	266	9	366	511	1,211	11	0	0	14,700
21	May-19	Winter	12,339	263	9	361	522	1,213	11	0	0	14,718
22	Jun-19	Summer	12,354	257	9	356	509	1,205	11	0	0	14,701
23	Jul-19	Summer	12,368	257	9	355	511	1,210	11	0	0	14,721
24	Aug-19	Summer	12,312	258	9	348	514	1,213	11	0	0	14,665
25	Sep-19	Summer	12,358	258	8	343	520	1,216	11	0	0	14,714
26	Oct-19	Summer	12,368	256	8	342	520	1,210	11	0	0	14,715
27	Nov-19	Winter	12,382	255	8	336	530	1,207	11	0	0	14,729
28	Dec-19	Winter	12,384	251	8	332	522	1,214	11	0	0	14,722
29	Jan-20	Winter	12,397	249	9	332	523	1,210	11	0	0	14,731
30	Feb-20	Winter	12,413	247	7	333	520	1,221	11	0	0	14,752
31	Annual Bills		148,349	3,081	102	4,172	6,226	14,539	132	0	0	176,601
32	Average Monthly Bills		12,362	257	9	348	519	1,212	11	0	0	14,717
33												

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INCORPORATED VILLAGE OF FREEPORT
MONTHLY BILLING UNITS, RATES AND REVENUE- Rate Year, Present Rates
Rate Year Ending February 29, 2020- Present Rates

Line	Month		Residential- Non Heating	Residential- Water Heating	Residential- Space Heating	Residential- All Electric Heating	General Service- Non-Demand	General Service- Demand	General Service- Primary	Street Lights	Traffic Lights / Other	Total
34							**RATES AND CHARGES**					
35							**Tariff Rates- Present Rates**					
36	Customer Charge		$7.53	$7.53	$7.53	$7.53	$9.77	$37.60	$37.60			
37	Winter											
38	Energy 1	Winter	$0.09594	$0.09350	$0.09594	$0.09594	$0.10452	$0.06140	$0.06140			
39	Energy 2	Winter	$0.09594	$0.09350	$0.09594	$0.09594						
40	Energy 3	Winter	$0.09594	$0.08521	$0.08521	$0.08521						
41	Energy 4	Winter		$0.09594		$0.08521						
42	Demand 1	Winter						$8.65	$8.65			
43	Demand 2	Winter						$8.65	$8.65			
44												
45	Summer											
46	Energy 1	Summer	$0.09594	$0.09594	$0.09594	$0.09594	$0.11067	$0.06503	$0.06503			
47	Energy 2	Summer	$0.10856	$0.10856	$0.10856	$0.10856						
48	Energy 3	Summer	$0.11515	$0.09478	$0.11515	$0.08836						
49	Energy 4	Summer		$0.11515		$0.11515						
50	Demand 1	Summer						$8.65	$8.65			
51	Demand 2	Summer						$9.10	$9.10			
52										Per Light-Montl	Per Face	
53	Average Rate per kWh									$29.42	$2.5900	
54												
55							**COMPUTATION OF REVENUE**					
56							**Customer Charge Revenue**					
57	Mar-19	Winter	$92,980	$1,988	$68	$2,771	$5,119	$45,458	$414			$148,799
58	Apr-19	Winter	92,815	2,003	68	2,756	4,992	45,534	414			148,581
59	May-19	Winter	92,913	1,980	68	2,718	5,100	45,609	414			148,802
60	Jun-19	Summer	93,026	1,935	68	2,681	4,973	45,308	414			148,404
61	Jul-19	Summer	93,131	1,935	68	2,673	4,992	45,496	414			148,709
62	Aug-19	Summer	92,709	1,943	68	2,620	5,022	45,609	414			148,384
63	Sep-19	Summer	93,056	1,943	60	2,583	5,080	45,722	414			148,857
64	Oct-19	Summer	93,131	1,928	60	2,575	5,080	45,496	414			148,684
65	Nov-19	Winter	93,236	1,920	60	2,530	5,178	45,383	414			148,722
66	Dec-19	Winter	93,252	1,890	60	2,500	5,100	45,646	414			148,862
67	Jan-20	Winter	93,349	1,875	68	2,500	5,110	45,496	414			148,811
68	Feb-20	Winter	93,470	1,860	53	2,507	5,080	45,910	414			149,294
69			$1,117,068	$23,200	$768	$31,415	$60,828	$546,666	$4,963	$0	$0	$1,784,909
70												

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INCORPORATED VILLAGE OF FREEPORT
MONTHLY BILLING UNITS, RATES AND REVENUE- Rate Year, Present Rates
Rate Year Ending February 29, 2020- Present Rates

Line	Month		Residential- Non Heating	Residential- Water Heating	Residential- Space Heating	Residential- All Electric Heating	General Service- Non-Demand	General Service- Demand	General Service- Primary	Street Lights	Traffic Lights / Other	Total
71							**kWh Revenue**					
72	Mar-19	Winter	$864,807	$28,968	$1,351	$55,270	$36,695	$532,174	$46,347			$1,565,611
73	Apr-19	Winter	774,574	26,039	1,025	41,964	35,785	534,987	52,411			1,466,786
74	May-19	Winter	660,562	21,678	447	27,388	36,555	552,703	50,274			1,349,607
75	Jun-19	Summer	772,179	25,249	598	23,892	37,742	562,947	60,180			1,482,787
76	Jul-19	Summer	1,135,661	33,799	1,086	29,943	37,890	660,650	64,711			1,963,740
77	Aug-19	Summer	1,247,016	36,037	1,181	31,069	38,113	716,559	62,600			2,132,573
78	Sep-19	Summer	1,144,604	32,684	865	30,562	38,557	722,917	63,101			2,033,291
79	Oct-19	Summer	766,706	24,214	411	23,275	38,557	614,225	56,092			1,523,480
80	Nov-19	Winter	718,697	23,364	649	25,017	37,115	540,483	46,684			1,392,009
81	Dec-19	Winter	851,883	27,590	1,181	35,365	36,555	541,977	46,845			1,541,396
82	Jan-20	Winter	1,029,993	33,583	1,900	52,291	36,625	574,070	45,237			1,773,699
83	Feb-20	Winter	974,159	31,633	1,708	55,638	36,415	584,461	48,406			1,732,420
84			$10,940,841	$344,838	$12,401	$431,674	$446,603	$7,138,152	$642,887	$0	$0	$19,957,397
85												
86							**Demand Revenue**					
87	Mar-19	Winter						$279,391	$28,084	$120,152	$3,022	$430,649
88	Apr-19	Winter						278,054	29,741	120,156	3,022	$430,973
89	May-19	Winter						277,146	29,325	120,298	3,022	$429,791
90	Jun-19	Summer						290,915	31,217	120,300	3,022	$445,454
91	Jul-19	Summer						308,613	32,141	120,296	3,022	$464,071
92	Aug-19	Summer						309,778	31,809	120,315	3,022	$464,923
93	Sep-19	Summer						320,679	33,829	120,225	3,022	$477,755
94	Oct-19	Summer						302,700	34,744	121,501	3,022	$461,967
95	Nov-19	Winter						281,618	29,961	128,233	3,022	$442,834
96	Dec-19	Winter						278,482	28,344	112,042	3,022	$421,890
97	Jan-20	Winter						280,770	29,096	120,435	3,022	$433,324
98	Feb-20	Winter						291,920	30,381	120,552	3,022	$445,874
99		kVar	0	0	0	0	0	0	0			$0
100			$0	$0	$0	$0	$0	$3,500,067	$368,671	$1,444,504	$36,264	$5,349,505
101												

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INCORPORATED VILLAGE OF FREEPORT
MONTHLY BILLING UNITS, RATES AND REVENUE- Rate Year, Present Rates
Rate Year Ending February 29, 2020- Present Rates

Line	Month		Residential- Non Heating	Residential- Water Heating	Residential- Space Heating	Residential- All Electric Heating	General Service- Non-Demand	General Service- Demand	General Service- Primary	Street Lights	Traffic Lights / Other	Total
102			**COMPUTATION OF REVENUE - CONTINUED**									
103			**FAC Revenue**									
104	Mar-19	0.019166	$172,759	$6,041	$283	$11,856	$6,729	$166,114	$14,467	$8,785	$602	$387,635
105	Apr-19	0.019166	154,733	5,434	214	9,007	6,562	166,992	16,360	8,748	$600	368,649
106	May-19	0.019166	131,958	4,547	91	5,763	6,703	172,522	15,693	7,537	$552	345,365
107	Jun-19	0.019166	141,352	4,743	109	4,585	6,536	165,910	17,736	6,877	$526	348,375
108	Jul-19	0.019166	204,091	6,236	194	5,729	6,562	194,705	19,071	6,289	$503	443,379
109	Aug-19	0.019166	223,224	6,631	208	5,943	6,600	211,183	18,449	6,665	$517	479,420
110	Sep-19	0.019166	204,873	6,033	152	5,831	6,677	213,057	18,597	7,411	$547	463,178
111	Oct-19	0.019166	140,327	4,558	74	4,457	6,677	181,023	16,531	8,079	$604	362,332
112	Nov-19	0.019166	143,571	4,902	135	5,242	6,806	168,707	14,572	10,423	$592	354,949
113	Dec-19	0.019166	170,177	5,749	250	7,616	6,703	169,174	14,622	9,417	$647	384,355
114	Jan-20	0.019166	205,757	6,996	403	11,262	6,716	179,191	14,120	10,722	$678	435,845
115	Feb-20	0.019166	194,603	6,580	367	12,100	6,677	182,435	15,110	10,475	$668	429,015
116			$2,087,424	$68,449	$2,479	$89,392	$79,947	$2,171,012	$195,328	$101,428	$7,038	$4,802,497
117												
118			**Total Revenue**									
119	Mar-19	Winter	$1,130,546	$36,997	$1,702	$69,897	$48,543	$1,023,136	$89,311	$128,937	$3,624	$2,532,693
120	Apr-19	Winter	1,022,123	33,477	1,307	53,727	47,339	1,025,567	98,925	128,904	3,622	2,414,989
121	May-19	Winter	885,433	28,205	606	35,870	48,358	1,047,979	95,706	127,834	3,574	2,273,564
122	Jun-19	Summer	1,006,557	31,928	775	31,157	49,251	1,065,080	109,547	127,177	3,548	2,425,020
123	Jul-19	Summer	1,432,883	41,970	1,347	38,345	49,444	1,209,464	116,337	126,584	3,525	3,019,899
124	Aug-19	Summer	1,562,949	44,610	1,457	39,632	49,735	1,283,128	113,272	126,980	3,539	3,225,300
125	Sep-19	Summer	1,442,533	40,659	1,077	38,976	50,315	1,302,375	115,940	127,636	3,569	3,123,081
126	Oct-19	Summer	1,000,164	30,700	545	30,308	50,315	1,143,445	107,780	129,581	3,626	2,496,463
127	Nov-19	Winter	955,504	30,186	844	32,789	49,099	1,036,191	91,630	138,656	3,614	2,338,514
128	Dec-19	Winter	1,115,311	35,228	1,491	45,482	48,358	1,035,280	90,225	121,459	3,669	2,496,502
129	Jan-20	Winter	1,329,099	42,454	2,370	66,053	48,450	1,079,527	88,867	131,157	3,700	2,791,678
130	Feb-20	Winter	1,262,232	40,073	2,128	70,246	48,172	1,104,726	94,310	131,026	3,690	2,756,603
131		kVar						0	0			
132			$14,145,333	$436,488	$15,648	$552,481	$587,378	$13,355,898	$1,211,849	$1,545,931	$43,302	$31,894,308
133												
134	Revenue W/O FAC		$ 12,057,909	$ 368,038	$ 13,169	$ 463,089	$ 507,431	$ 11,184,885	$ 1,016,521	$ 1,444,504	$ 36,264	$ 27,091,811
135												
136												
137												

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INCORPORATED VILLAGE OF FREEPORT
MONTHLY BILLING UNITS, RATES AND REVENUE- Rate Year, Present Rates
Rate Year Ending February 29, 2020- Present Rates

Line	Month		Residential- Non Heating	Residential- Water Heating	Residential- Space Heating	Residential- All Electric Heating	General Service- Non-Demand	General Service- Demand	General Service- Primary	Street Lights	Traffic Lights / Other	Total
138								Block 1 kWh				
139	Mar-19	Winter	2,906,346	69,602	2,222	122,949	351,080	8,667,321	754,831	458,388	11,924	13,344,663
140	Apr-19	Winter	2,638,175	64,769	1,873	92,451	342,370	8,713,145	853,600	456,439	11,924	13,174,746
141	May-19	Winter	2,733,975	66,502	1,194	87,297	349,740	9,001,673	818,796	393,235	11,924	13,464,335
142	Jun-19	Summer	2,730,239	66,140	1,641	93,871	341,030	8,656,720	925,419	358,846	11,924	13,185,829
143	Jul-19	Summer	2,893,854	65,830	2,108	98,702	342,370	10,159,160	995,093	328,117	11,924	14,897,158
144	Aug-19	Summer	2,896,710	66,116	1,929	95,559	344,380	11,018,892	962,632	347,764	11,924	15,745,906
145	Sep-19	Summer	2,629,965	61,730	1,372	84,494	348,400	11,116,672	970,332	386,691	11,924	15,611,581
146	Oct-19	Summer	2,691,463	64,711	980	93,740	348,400	9,445,260	862,554	421,558	11,924	13,940,590
147	Nov-19	Winter	2,858,961	67,631	1,277	89,070	355,100	8,802,651	760,320	543,820	11,924	13,490,754
148	Dec-19	Winter	2,556,885	60,010	1,661	71,704	349,740	8,826,994	762,949	491,366	11,924	13,133,234
149	Jan-20	Winter	3,076,420	72,262	2,630	105,284	350,410	9,349,670	736,758	559,426	11,924	14,264,784
150	Feb-20	Winter	2,683,153	64,304	1,903	87,014	348,400	9,518,916	788,370	546,551	11,924	14,050,536
151			33,296,146	789,607	20,791	1,122,135	4,171,420	113,277,074	10,191,654	5,292,201	143,088	168,304,116
152												
153								Block 2 kWh				
154	Mar-19	Winter	4,217,207	64,351	6,389	115,475					19,487	4,422,910
155	Apr-19	Winter	3,798,662	58,572	5,054	86,497					19,385	3,968,171
156	May-19	Winter	3,362,027	58,630	2,701	77,140					16,903	3,517,401
157	Jun-19	Summer	3,739,495	59,691	3,486	69,415					15,543	3,887,631
158	Jul-19	Summer	5,305,434	62,899	5,492	78,593					14,319	5,466,737
159	Aug-19	Summer	5,843,417	64,156	5,176	79,826					15,067	6,007,642
160	Sep-19	Summer	5,430,866	59,817	3,720	74,474					16,631	5,585,509
161	Oct-19	Summer	3,748,566	58,705	2,225	62,099					19,615	3,891,210
162	Nov-19	Winter	3,757,371	60,790	3,417	70,482					18,985	3,911,046
163	Dec-19	Winter	4,131,518	56,289	4,834	68,310					21,833	4,282,784
164	Jan-20	Winter	4,965,896	68,504	7,538	101,448					23,431	5,166,817
165	Feb-20	Winter	4,426,121	61,073	5,374	84,363					22,921	4,599,851
166			52,726,581	733,478	55,407	968,123	0	0	0	0	224,120	54,707,709
167												

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INCORPORATED VILLAGE OF FREEPORT
MONTHLY BILLING UNITS, RATES AND REVENUE- Rate Year, Present Rates
Rate Year Ending February 29, 2020- Present Rates

Line	Month		Residential- Non Heating	Residential- Water Heating	Residential- Space Heating	Residential- All Electric Heating	General Service- Non-Demand	General Service- Demand	General Service- Primary	Street Lights	Traffic Lights / Other	Total
168								**Block 3 kWh**				
169	Mar-19	Winter	1,890,487	88,257	6,158	169,194						2,154,096
170	Apr-19	Winter	1,636,693	80,529	4,233	132,451						1,853,905
171	May-19	Winter	789,161	72,334	857	89,587						951,939
172	Jun-19	Summer	905,605	77,832	543	52,082						1,036,061
173	Jul-19	Summer	2,449,560	97,569	2,498	76,986						2,626,612
174	Aug-19	Summer	2,907,025	103,569	3,767	84,884						3,099,245
175	Sep-19	Summer	2,628,839	97,247	2,859	87,983						2,816,928
176	Oct-19	Summer	881,827	75,654	651	48,303						1,006,435
177	Nov-19	Winter	874,777	80,177	2,330	59,110						1,016,394
178	Dec-19	Winter	2,190,925	84,185	6,545	106,140						2,387,795
179	Jan-20	Winter	2,693,486	102,007	10,847	155,559						2,961,899
180	Feb-20	Winter	3,044,560	93,237	11,853	150,222						3,299,872
181			22,892,944	1,052,596	53,141	1,212,499	0	0	0	0	0	25,211,181
182												
183								**Block 4 kWh**				
184	Mar-19	Winter		93,006		210,989						303,995
185	Apr-19	Winter		79,686		158,545						238,231
186	May-19	Winter		39,759		46,690						86,449
187	Jun-19	Summer		43,828		23,864						67,692
188	Jul-19	Summer		99,064		44,630						143,694
189	Aug-19	Summer		112,138		49,799						161,936
190	Sep-19	Summer		95,966		57,290						153,256
191	Oct-19	Summer		38,754		28,418						67,172
192	Nov-19	Winter		47,167		54,842						102,009
193	Dec-19	Winter		99,461		151,250						250,710
194	Jan-20	Winter		122,260		225,349						347,610
195	Feb-20	Winter		124,716		309,769						434,486
196			0	995,806	0	1,361,434	0	0	0	0	0	2,357,240
197												

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INCORPORATED VILLAGE OF FREEPORT
MONTHLY BILLING UNITS, RATES AND REVENUE- Rate Year, Present Rates
Rate Year Ending February 29, 2020- Present Rates

Line	Month		Residential- Non Heating	Residential- Water Heating	Residential- Space Heating	Residential- All Electric Heating	General Service- Non-Demand	General Service- Demand	General Service- Primary	Street Lights	Traffic Lights / Other	Total
198								**Block 1 Demand**				
199	Mar-19	Winter						5,865	55			5,920
200	Apr-19	Winter						5,891	55			5,946
201	May-19	Winter						5,863	55			5,918
202	Jun-19	Summer						5,811	55			5,866
203	Jul-19	Summer						5,835	55			5,890
204	Aug-19	Summer						5,855	55			5,910
205	Sep-19	Summer						5,865	55			5,920
206	Oct-19	Summer						5,809	55			5,864
207	Nov-19	Winter						5,814	55			5,869
208	Dec-19	Winter						5,870	55			5,925
209	Jan-20	Winter						5,844	55			5,899
210	Feb-20	Winter						5,913	55			5,968
211								70,232	660			70,892
212												
213								**Block 2 Demand**				
214	Mar-19	Winter						26,435	2,999			29,434
215	Apr-19	Winter						26,255	3,191			29,445
216	May-19	Winter						26,177	3,143			29,320
217	Jun-19	Summer						26,446	3,195			29,641
218	Jul-19	Summer						28,368	3,297			31,664
219	Aug-19	Summer						28,477	3,260			31,737
220	Sep-19	Summer						29,665	3,482			33,147
221	Oct-19	Summer						27,743	3,583			31,325
222	Nov-19	Winter						26,744	3,216			29,960
223	Dec-19	Winter						26,325	3,029			29,354
224	Jan-20	Winter						26,615	3,116			29,731
225	Feb-20	Winter						27,835	3,265			31,100
226								327,081	38,774			365,854

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INCORPORATED VILLAGE OF FREEPORT
MONTHLY BILLING UNITS, RATES AND REVENUE- Rate Year, Proposed Rates
Rate Year Ending February 29, 2020- Proposed Rates

Line	Month		Residential- Non Heating	Residential- Water Heating	Residential- Space Heating	Residential- All Electric Heating	General Service- Non-Demand	General Service- Demand	General Service- Primary	Street Lights	Traffic Lights / Other	Total
1								**BILLING UNITS**				
2								**kWh Sales Rate Year Ending February 29, 2020**				
3	Mar-19	Winter	9,014,040	315,216	14,769	618,608	351,080	8,667,321	754,831	458,388	31,411	20,225,664
4	Apr-19	Winter	8,073,530	283,556	11,160	469,944	342,370	8,713,145	853,600	456,439	31,309	19,235,053
5	May-19	Winter	6,885,162	237,226	4,752	300,713	349,740	9,001,673	818,796	393,235	28,827	18,020,124
6	Jun-19	Summer	7,375,338	247,491	5,670	239,232	341,030	8,656,720	925,419	358,846	27,467	18,177,213
7	Jul-19	Summer	10,648,848	325,362	10,098	298,910	342,370	10,159,160	995,093	328,117	26,243	23,134,201
8	Aug-19	Summer	11,647,152	345,978	10,872	310,068	344,380	11,018,892	962,632	347,764	26,991	25,014,729
9	Sep-19	Summer	10,689,670	314,760	7,952	304,241	348,400	11,116,672	970,332	386,691	28,555	24,167,273
10	Oct-19	Summer	7,321,856	237,824	3,856	232,560	348,400	9,445,260	862,554	421,558	31,539	18,905,407
11	Nov-19	Winter	7,491,110	255,765	7,024	273,504	355,100	8,802,651	760,320	543,820	30,909	18,520,203
12	Dec-19	Winter	8,879,328	299,945	13,040	397,404	349,740	8,826,994	762,949	491,366	33,757	20,054,523
13	Jan-20	Winter	10,735,802	365,034	21,015	587,640	350,410	9,349,670	736,758	559,426	35,355	22,741,110
14	Feb-20	Winter	10,153,834	343,330	19,131	631,368	348,400	9,518,916	788,370	546,551	34,845	22,384,745
15	Adjustments											0
16			108,915,670	3,571,487	129,339	4,664,192	4,171,420	113,277,074	10,191,654	5,292,201	367,208	250,580,245
17	*FY20 Projected KwH Sales*		*108,915,670*	*3,571,487*	*129,339*	*4,664,192*	*4,171,420*	*113,277,074*	*10,191,654*	*5,292,201*	*367,208*	*250,580,245*
18								**Number of Bills Rate Year Ending February 29, 2020**				
19	Mar-19	Winter	12,348	264	9	368	524	1,209	11	0	0	14,733
20	Apr-19	Winter	12,326	266	9	366	511	1,211	11	0	0	14,700
21	May-19	Winter	12,339	263	9	361	522	1,213	11	0	0	14,718
22	Jun-19	Summer	12,354	257	9	356	509	1,205	11	0	0	14,701
23	Jul-19	Summer	12,368	257	9	355	511	1,210	11	0	0	14,721
24	Aug-19	Summer	12,312	258	9	348	514	1,213	11	0	0	14,665
25	Sep-19	Summer	12,358	258	8	343	520	1,216	11	0	0	14,714
26	Oct-19	Summer	12,368	256	8	342	520	1,210	11	0	0	14,715
27	Nov-19	Winter	12,382	255	8	336	530	1,207	11	0	0	14,729
28	Dec-19	Winter	12,384	251	8	332	522	1,214	11	0	0	14,722
29	Jan-20	Winter	12,397	249	9	332	523	1,210	11	0	0	14,731
30	Feb-20	Winter	12,413	247	7	333	520	1,221	11	0	0	14,752
31	Annual Bills		148,349	3,081	102	4,172	6,226	14,539	132	0	0	176,601
32	Average Monthly Bills		12,362	257	9	348	519	1,212	11	0	0	14,717
33												

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Rate Year Ending February 29, 2020- Proposed Rates

Line	Month		Residential- Non Heating	Residential- Water Heating	Residential- Space Heating	Residential- All Electric Heating	General Service- Non-Demand	General Service- Demand	General Service- Primary	Street Lights	Traffic Lights / Other	Total
34							**RATES AND CHARGES**					
35							**Tariff Rates- Proposed Rates**					
36	Customer Charge		$7.88	$7.88	$7.88	$7.88	$10.22	$39.35	$39.35			
37	Winter											
38	Energy 1	Winter	$0.10040	$0.09785	$0.10040	$0.10040	$0.10938	$0.06425	$0.06425			
39	Energy 2	Winter	$0.10040	$0.09785	$0.10040	$0.10040						
40	Energy 3	Winter	$0.10040	$0.08917	$0.08917	$0.08917						
41	Energy 4	Winter		$0.10040		$0.08917						
42	Demand 1	Winter						$9.05	$9.05			
43	Demand 2	Winter						$9.05	$9.05			
44												
45	Summer											
46	Energy 1	Summer	$0.10040	$0.10040	$0.10040	$0.10040	$0.11582	$0.06805	$0.06805			
47	Energy 2	Summer	$0.11361	$0.11361	$0.11361	$0.11361						
48	Energy 3	Summer	$0.12050	$0.09919	$0.12050	$0.09247						
49	Energy 4	Summer		$0.12050		$0.12050						
50	Demand 1	Summer						$9.05	$9.05			
51	Demand 2	Summer						$9.52	$9.52			
52										Per Light-Month	Per Face	
53	Average Rate per kWh									$30.79	$2.71	
54												
55							**COMPUTATION OF REVENUE**					
56							**Customer Charge Revenue**					
57	Mar-19	Winter	$97,303	$2,080	$71	$2,900	$5,357	$47,572	$433			$155,717
58	Apr-19	Winter	97,130	2,096	71	2,884	5,225	47,651	433			155,489
59	May-19	Winter	97,232	2,072	71	2,845	5,337	47,729	433			155,720
60	Jun-19	Summer	97,351	2,025	71	2,805	5,204	47,414	433			155,304
61	Jul-19	Summer	97,461	2,025	71	2,797	5,225	47,611	433			155,623
62	Aug-19	Summer	97,020	2,033	71	2,742	5,255	47,729	433			155,283
63	Sep-19	Summer	97,382	2,033	63	2,703	5,317	47,847	433			155,778
64	Oct-19	Summer	97,461	2,017	63	2,695	5,317	47,611	433			155,597
65	Nov-19	Winter	97,571	2,009	63	2,648	5,419	47,493	433			155,636
66	Dec-19	Winter	97,587	1,978	63	2,616	5,337	47,769	433			155,783
67	Jan-20	Winter	97,689	1,962	71	2,616	5,347	47,611	433			155,730
68	Feb-20	Winter	97,816	1,946	55	2,624	5,317	48,044	433			156,235
69			$1,169,004	$24,279	$804	$32,876	$63,656	$572,082	$5,194	$0	$0	$1,867,894
70												

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INCORPORATED VILLAGE OF FREEPORT
MONTHLY BILLING UNITS, RATES AND REVENUE- Rate Year, Proposed Rates
Rate Year Ending February 29, 2020- Proposed Rates

Line	Month		Residential- Non Heating	Residential- Water Heating	Residential- Space Heating	Residential- All Electric Heating	General Service- Non-Demand	General Service- Demand	General Service- Primary	Street Lights	Traffic Lights / Other	Total
71							**kWh Revenue**					
72	Mar-19	Winter	$905,014	$30,315	$1,414	$57,840	$38,401	$556,916	$48,501			$1,638,400
73	Apr-19	Winter	810,587	27,250	1,073	43,915	37,448	559,860	54,848			1,534,981
74	May-19	Winter	691,274	22,686	467	28,662	38,254	578,399	52,611			1,412,354
75	Jun-19	Summer	808,080	26,423	626	25,002	39,497	589,119	62,978			1,551,725
76	Jul-19	Summer	1,188,461	35,370	1,137	31,335	39,652	691,366	67,719			2,055,040
77	Aug-19	Summer	1,304,993	37,712	1,236	32,513	39,884	749,873	65,510			2,231,722
78	Sep-19	Summer	1,197,820	34,203	905	31,983	40,350	756,528	66,034			2,127,824
79	Oct-19	Summer	802,352	25,340	430	24,357	40,350	642,782	58,700			1,594,311
80	Nov-19	Winter	752,111	24,451	679	26,180	38,841	565,611	48,854			1,456,728
81	Dec-19	Winter	891,489	28,872	1,236	37,009	38,254	567,175	49,023			1,613,059
82	Jan-20	Winter	1,077,880	35,145	1,988	54,722	38,328	600,760	47,340			1,856,163
83	Feb-20	Winter	1,019,450	33,103	1,788	58,224	38,108	611,635	50,656			1,812,965
84			$11,449,512	$360,871	$12,978	$451,744	$467,367	$7,470,025	$672,776	$0	$0	$20,885,273
85												
86							**Demand Revenue**					
87	Mar-19	Winter						$292,380	$29,390	$125,738	$3,163	$450,671
88	Apr-19	Winter						290,982	$31,123	125,742	3,163	$451,010
89	May-19	Winter						290,031	$30,689	125,891	3,163	$449,773
90	Jun-19	Summer						304,440	$32,669	125,893	3,163	$466,164
91	Jul-19	Summer						322,961	$33,635	125,889	3,163	$485,647
92	Aug-19	Summer						324,180	$33,288	125,909	3,163	$486,539
93	Sep-19	Summer						335,588	$35,402	125,814	3,163	$499,967
94	Oct-19	Summer						316,774	$36,359	127,150	3,163	$483,445
95	Nov-19	Winter						294,711	$31,354	134,195	3,163	$463,423
96	Dec-19	Winter						291,430	$29,661	117,251	3,163	$441,505
97	Jan-20	Winter						293,824	$30,449	126,034	3,163	$453,470
98	Feb-20	Winter						305,492	$31,793	126,156	3,163	$466,604
99		kVar						0	0			$0
100			$0	$0	$0	$0	$0	$3,662,794	$385,812	$1,511,663	$37,950	$5,598,219
101												

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INCORPORATED VILLAGE OF FREEPORT
MONTHLY BILLING UNITS, RATES AND REVENUE- Rate Year, Proposed Rates
Rate Year Ending February 29, 2020- Proposed Rates

Line	Month		Residential- Non Heating	Residential- Water Heating	Residential- Space Heating	Residential- All Electric Heating	General Service- Non-Demand	General Service- Demand	General Service- Primary	Street Lights	Traffic Lights / Other	Total
102			**COMPUTATION OF REVENUE - CONTINUED**									
103			**FAC Revenue**									
104	Mar-19	0.019166	$172,759	$6,041	$283	$11,856	$6,729	$166,114	$14,467	$8,785	$602	$387,635
105	Apr-19	0.019166	154,733	5,434	214	9,007	6,562	166,992	16,360	8,748	600	368,649
106	May-19	0.019166	131,958	4,547	91	5,763	6,703	172,522	15,693	7,537	552	345,365
107	Jun-19	0.019166	141,352	4,743	109	4,585	6,536	165,910	17,736	6,877	526	348,375
108	Jul-19	0.019166	204,091	6,236	194	5,729	6,562	194,705	19,071	6,289	503	443,379
109	Aug-19	0.019166	223,224	6,631	208	5,943	6,600	211,183	18,449	6,665	517	479,420
110	Sep-19	0.019166	204,873	6,033	152	5,831	6,677	213,057	18,597	7,411	547	463,178
111	Oct-19	0.019166	140,327	4,558	74	4,457	6,677	181,023	16,531	8,079	604	362,332
112	Nov-19	0.019166	143,571	4,902	135	5,242	6,806	168,707	14,572	10,423	592	354,949
113	Dec-19	0.019166	170,177	5,749	250	7,616	6,703	169,174	14,622	9,417	647	384,355
114	Jan-20	0.019166	205,757	6,996	403	11,262	6,716	179,191	14,120	10,722	678	435,845
115	Feb-20	0.019166	194,603	6,580	367	12,100	6,677	182,435	15,110	10,475	668	429,015
116			$2,087,424	$68,449	$2,479	$89,392	$79,947	$2,171,012	$195,328	$101,428	$7,038	$4,802,497
117												
118			**Total Revenue**									
119	Mar-19	Winter	$1,175,076	$38,436	$1,768	$72,595	$50,487	$1,062,982	$92,791	$134,523	$3,765	$2,632,423
120	Apr-19	Winter	1,062,450	34,781	1,358	55,806	49,235	1,065,484	102,764	134,490	3,763	2,510,129
121	May-19	Winter	920,464	29,305	629	37,270	50,294	1,088,682	99,426	133,427	3,715	2,363,212
122	Jun-19	Summer	1,046,782	33,192	806	32,393	51,237	1,106,885	113,816	132,770	3,689	2,521,569
123	Jul-19	Summer	1,490,013	43,631	1,401	39,861	51,438	1,256,643	120,859	132,177	3,665	3,139,689
124	Aug-19	Summer	1,625,236	46,376	1,515	41,198	51,740	1,332,965	117,680	132,574	3,680	3,352,964
125	Sep-19	Summer	1,500,075	42,269	1,120	40,517	52,344	1,353,020	120,466	133,226	3,710	3,246,747
126	Oct-19	Summer	1,040,140	31,916	567	31,510	52,344	1,188,190	112,023	135,230	3,767	2,595,685
127	Nov-19	Winter	993,254	31,362	877	34,070	51,065	1,076,523	95,213	144,618	3,755	2,430,736
128	Dec-19	Winter	1,159,253	36,599	1,549	47,242	50,294	1,075,548	93,740	126,668	3,809	2,594,702
129	Jan-20	Winter	1,381,327	44,103	2,462	68,601	50,391	1,121,386	92,342	136,756	3,840	2,901,208
130	Feb-20	Winter	1,311,869	41,630	2,209	72,949	50,102	1,147,606	97,992	136,631	3,830	2,864,819
131		kVar						0	0			
132			$14,705,939	$453,599	$16,260	$574,011	$610,970	$13,875,914	$1,259,110	$1,613,090	$44,988	$33,153,882
133												
134	Revenue W/O FAC		$12,618,515	$ 385,150	$ 13,781	$ 484,620	$ 531,023	$ 11,704,902	$ 1,063,782	$ 1,511,663	$ 37,950	$ 28,351,385
135												
136												
137												

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INCORPORATED VILLAGE OF FREEPORT
MONTHLY BILLING UNITS, RATES AND REVENUE- Rate Year, Proposed Rates
Rate Year Ending February 29, 2020- Proposed Rates

Line	Month		Residential-Non Heating	Residential-Water Heating	Residential-Space Heating	Residential-All Electric Heating	General Service- Non-Demand	General Service-Demand	General Service-Primary	Street Lights	Traffic Lights / Other	Total
138							**Block 1 kWh**					
139	Mar-19	Winter	2,906,346	69,602	2,222	122,949	351,080	8,667,321	754,831	458,388	11,924	13,344,663
140	Apr-19	Winter	2,638,175	64,769	1,873	92,451	342,370	8,713,145	853,600	456,439	11,924	13,174,746
141	May-19	Winter	2,733,975	66,502	1,194	87,297	349,740	9,001,673	818,796	393,235	11,924	13,464,335
142	Jun-19	Summer	2,730,239	66,140	1,641	93,871	341,030	8,656,720	925,419	358,846	11,924	13,185,829
143	Jul-19	Summer	2,893,854	65,830	2,108	98,702	342,370	10,159,160	995,093	328,117	11,924	14,897,158
144	Aug-19	Summer	2,896,710	66,116	1,929	95,559	344,380	11,018,892	962,632	347,764	11,924	15,745,906
145	Sep-19	Summer	2,629,965	61,730	1,372	84,494	348,400	11,116,672	970,332	386,691	11,924	15,611,581
146	Oct-19	Summer	2,691,463	64,711	980	93,740	348,400	9,445,260	862,554	421,558	11,924	13,940,590
147	Nov-19	Winter	2,858,961	67,631	1,277	89,070	355,100	8,802,651	760,320	543,820	11,924	13,490,754
148	Dec-19	Winter	2,556,885	60,010	1,661	71,704	349,740	8,826,994	762,949	491,366	11,924	13,133,234
149	Jan-20	Winter	3,076,420	72,262	2,630	105,284	350,410	9,349,670	736,758	559,426	11,924	14,264,784
150	Feb-20	Winter	2,683,153	64,304	1,903	87,014	348,400	9,518,916	788,370	546,551	11,924	14,050,536
151			33,296,146	789,607	20,791	1,122,135	4,171,420	113,277,074	10,191,654	5,292,201	143,088	168,304,116
152												
153							**Block 2 kWh**					
154	Mar-19	Winter	4,217,207	64,351	6,389	115,475					19,487	4,422,910
155	Apr-19	Winter	3,798,662	58,572	5,054	86,497					19,385	3,968,171
156	May-19	Winter	3,362,027	58,630	2,701	77,140					16,903	3,517,401
157	Jun-19	Summer	3,739,495	59,691	3,486	69,415					15,543	3,887,631
158	Jul-19	Summer	5,305,434	62,899	5,492	78,593					14,319	5,466,737
159	Aug-19	Summer	5,843,417	64,156	5,176	79,826					15,067	6,007,642
160	Sep-19	Summer	5,430,866	59,817	3,720	74,474					16,631	5,585,509
161	Oct-19	Summer	3,748,566	58,705	2,225	62,099					19,615	3,891,210
162	Nov-19	Winter	3,757,371	60,790	3,417	70,482					18,985	3,911,046
163	Dec-19	Winter	4,131,518	56,289	4,834	68,310					21,833	4,282,784
164	Jan-20	Winter	4,965,896	68,504	7,538	101,448					23,431	5,166,817
165	Feb-20	Winter	4,426,121	61,073	5,374	84,363					22,921	4,599,851
166			52,726,581	733,478	55,407	968,123	0	0	0	0	224,120	54,707,709
167												

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INCORPORATED VILLAGE OF FREEPORT
MONTHLY BILLING UNITS, RATES AND REVENUE- Rate Year, Proposed Rates
Rate Year Ending February 29, 2020- Proposed Rates

Line	Month		Residential- Non Heating	Residential- Water Heating	Residential- Space Heating	Residential- All Electric Heating	General Service- Non-Demand	General Service- Demand	General Service- Primary	Street Lights	Traffic Lights / Other	Total
168							**Block 3 kWh**					
169	Mar-19	Winter	1,890,487	88,257	6,158	169,194						2,154,096
170	Apr-19	Winter	1,636,693	80,529	4,233	132,451						1,853,905
171	May-19	Winter	789,161	72,334	857	89,587						951,939
172	Jun-19	Summer	905,605	77,832	543	52,082						1,036,061
173	Jul-19	Summer	2,449,560	97,569	2,498	76,986						2,626,612
174	Aug-19	Summer	2,907,025	103,569	3,767	84,884						3,099,245
175	Sep-19	Summer	2,628,839	97,247	2,859	87,983						2,816,928
176	Oct-19	Summer	881,827	75,654	651	48,303						1,006,435
177	Nov-19	Winter	874,777	80,177	2,330	59,110						1,016,394
178	Dec-19	Winter	2,190,925	84,185	6,545	106,140						2,387,795
179	Jan-20	Winter	2,693,486	102,007	10,847	155,559						2,961,899
180	Feb-20	Winter	3,044,560	93,237	11,853	150,222						3,299,872
181			22,892,944	1,052,596	53,141	1,212,499	0	0	0	0	0	25,211,181
182												
183							**Block 4 kWh**					
184	Mar-19	Winter		93,006		210,989						303,995
185	Apr-19	Winter		79,686		158,545						238,231
186	May-19	Winter		39,759		46,690						86,449
187	Jun-19	Summer		43,828		23,864						67,692
188	Jul-19	Summer		99,064		44,630						143,694
189	Aug-19	Summer		112,138		49,799						161,936
190	Sep-19	Summer		95,966		57,290						153,256
191	Oct-19	Summer		38,754		28,418						67,172
192	Nov-19	Winter		47,167		54,842						102,009
193	Dec-19	Winter		99,461		151,250						250,710
194	Jan-20	Winter		122,260		225,349						347,610
195	Feb-20	Winter		124,716		309,769						434,486
196			0	995,806	0	1,361,434	0	0	0	0	0	2,357,240
197												

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INCORPORATED VILLAGE OF FREEPORT
MONTHLY BILLING UNITS, RATES AND REVENUE- Rate Year, Proposed Rates
Rate Year Ending February 29, 2020- Proposed Rates

Line	Month		Residential- Non Heating	Residential- Water Heating	Residential- Space Heating	Residential- All Electric Heating	General Service- Non-Demand	General Service- Demand	General Service- Primary	Street Lights	Traffic Lights / Other	Total
198								**Block 1 Demand**				
199	Mar-19	Winter						5,865	55			5,920
200	Apr-19	Winter						5,891	55			5,946
201	May-19	Winter						5,863	55			5,918
202	Jun-19	Summer						5,811	55			5,866
203	Jul-19	Summer						5,835	55			5,890
204	Aug-19	Summer						5,855	55			5,910
205	Sep-19	Summer						5,865	55			5,920
206	Oct-19	Summer						5,809	55			5,864
207	Nov-19	Winter						5,814	55			5,869
208	Dec-19	Winter						5,870	55			5,925
209	Jan-20	Winter						5,844	55			5,899
210	Feb-20	Winter						5,913	55			5,968
211								70,232	660			70,892
212												
213								**Block 2 Demand**				
214	Mar-19	Winter						26,435	2,999			29,434
215	Apr-19	Winter						26,255	3,191			29,445
216	May-19	Winter						26,177	3,143			29,320
217	Jun-19	Summer						26,446	3,195			29,641
218	Jul-19	Summer						28,368	3,297			31,664
219	Aug-19	Summer						28,477	3,260			31,737
220	Sep-19	Summer						29,665	3,482			33,147
221	Oct-19	Summer						27,743	3,583			31,325
222	Nov-19	Winter						26,744	3,216			29,960
223	Dec-19	Winter						26,325	3,029			29,354
224	Jan-20	Winter						26,615	3,116			29,731
225	Feb-20	Winter						27,835	3,265			31,100
226								327,081	38,774			365,854

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INCORPORATED VILLAGE OF FREEPORT
SUMMARY OF PRESENT AND PROPOSED TARIFF RATES
Historic Year Ended February 28, 2019 and Rate Year Ending February 29, 2020

Line		Present Tariff Rates (excluding FAC)		FAC	Present Rates (including FAC)		Proposed Tariff Rates (excluding FAC)		FAC	Proposed Rates (including FAC)		Increase	
1		Winter	Summer	$0.000000	Winter	Summer	Winter	Summer	$0.000000	Winter	Summer	Winter	Summer
2							**Residential - Non Heating**						
3	Billing Period	Monthly	Monthly				Monthly	Monthly		Monthly	Monthly		
4	Customer Charge per Bill	$7.53	$7.53		$7.53	$7.53	$7.88	$7.88		$7.88	$7.88	4.65%	4.65%
5													
6	Energy Charge, per kWh												
7	First 250 kWh per bill	$0.09594	$0.09594	$0.00000	$0.09594	$0.09594	$0.10040	$0.10040	$0.00000	$0.10040	$0.10040	4.65%	4.65%
8	251-1000 kWh per bill	$0.09594	$0.10856	$0.00000	$0.09594	$0.10856	$0.10040	$0.11361	$0.00000	$0.10040	$0.11361	4.65%	4.65%
9	Excess of 1000 kWh per bill	$0.09594	$0.11515	$0.00000	$0.09594	$0.11515	$0.10040	$0.12050	$0.00000	$0.10040	$0.12050	4.65%	4.65%
10							**Residential - Water Heating**						
11	Billing Period	Monthly	Monthly				Monthly	Monthly		Monthly	Monthly		
12	Customer Charge per Bill	$7.53	$7.53		$7.53	$7.53	$7.88	$7.88		$7.88	$7.88	4.65%	4.65%
13													
14	Energy Charge, per kWh												
15	First 250 kWh per bill	$0.09350	$0.09594	$0.00000	$0.09350	$0.09594	$0.09785	$0.10040	$0.00000	$0.09785	$0.10040	4.65%	4.65%
16	251-500 kWh per bil	$0.09350	$0.10856	$0.00000	$0.09350	$0.10856	$0.09785	$0.11361	$0.00000	$0.09785	$0.11361	4.65%	4.65%
17	501-1000 kWh per bill	$0.08521	$0.09478	$0.00000	$0.08521	$0.09478	$0.08917	$0.09919	$0.00000	$0.08917	$0.09919	4.65%	4.65%
18	Excess of 1000 kWh per bill	$0.09594	$0.11515	$0.00000	$0.09594	$0.11515	$0.10040	$0.12050	$0.00000	$0.10040	$0.12050	4.65%	4.65%
19							**Residential - Space Heating**						
20	Billing Period	Monthly	Monthly				Monthly	Monthly		Monthly	Monthly		
21	Customer Charge per Bill	$7.53	$7.53		$7.53	$7.53	$7.88	$7.88		$7.88	$7.88	4.65%	4.65%
22													
23	Energy Charge, per kWh												
24	First 250 kWh per bill	$0.09594	$0.09594	$0.00000	$0.09594	$0.09594	$0.10040	$0.10040	$0.00000	$0.10040	$0.10040	4.65%	4.65%
25	251-500 kWh per bill	$0.09594	$0.10856	$0.00000	$0.09594	$0.10856	$0.10040	$0.11361	$0.00000	$0.10040	$0.11361	4.65%	4.65%
26	501-1000 kWh per bill	$0.09594	$0.10856	$0.00000	$0.09594	$0.10856	$0.10040	$0.11361	$0.00000	$0.10040	$0.11361	4.65%	4.65%
27	Excess of 1000 kWh per bill	$0.08521	$0.11515	$0.00000	$0.08521	$0.11515	$0.08917	$0.12050	$0.00000	$0.08917	$0.12050	4.65%	4.65%
28							**Residential - All Electric**						
29	Billing Period	Monthly	Monthly				Monthly	Monthly		Monthly	Monthly		
30	Customer Charge per Bill	$7.53	$7.53		$7.53	$7.53	$7.88	$7.88		$7.88	$7.88	4.65%	4.65%
31													
32	Energy Charge, per kWh												
33	First 250 kWh per bill	$0.09594	$0.09594	$0.00000	$0.09594	$0.09594	$0.10040	$0.10040	$0.00000	$0.10040	$0.10040	4.65%	4.65%
34	251-500 kWh per bill	$0.09594	$0.10856	$0.00000	$0.09594	$0.10856	$0.10040	$0.11361	$0.00000	$0.10040	$0.11361	4.65%	4.65%
35	501-1000 kWh per bill	$0.08521	$0.08836	$0.00000	$0.08521	$0.08836	$0.08917	$0.09247	$0.00000	$0.08917	$0.09247	4.65%	4.65%
36	Excess of 1000 kWh per bill	$0.08521	$0.11515	$0.00000	$0.08521	$0.11515	$0.08917	$0.12050	$0.00000	$0.08917	$0.12050	4.65%	4.65%
37													
38							**General Service- Non-Demand**						
39	Billing Period	Monthly	Monthly				Monthly	Monthly		Monthly	Monthly		
40	Customer Charge per Bill	$9.77	$9.77		$9.77	$9.77	$10.22	$10.22		$10.22	$10.22	4.65%	4.65%
41													
42	Energy Charge, per kWh (All)	$0.10452	$0.11067	$0.00000	$0.1045	$0.1107	$0.10938	$0.11582	$0.00000	$0.1094	$0.1158	4.65%	4.65%

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INCORPORATED VILLAGE OF FREEPORT

SUMMARY OF PRESENT AND PROPOSED TARIFF RATES

Historic Year Ended February 28, 2019 and Rate Year Ending February 29, 2020

Line		Present Tariff Rates (excluding FAC)		FAC	Present Rates (including FAC)		Proposed Tariff Rates (excluding FAC)		FAC	Proposed Rates (including FAC)		Increase	
1		Winter	Summer	$0.000000	Winter	Summer	Winter	Summer	$0.000000	Winter	Summer	Winter	Summer
43	**General Service- Demand**												
44	Billing Period	Monthly	Monthly				Monthly	Monthly		Monthly	Monthly		
45	Customer Charge per Bill	$37.60	$37.60		$37.60	$37.60	$39.35	$39.35		$39.35	$39.35	4.65%	4.65%
46													
47	Energy Charge, per kWh (All)	$0.06140	$0.06503	$0.00000	$0.0614	$0.0650	$0.06425	$0.06805	$0.00000	$0.0643	$0.0681	4.65%	4.65%
48													
49	Demand Charge, per kW Month												
50	First 5kW	$8.65	$8.65		$8.65	$8.65	$9.05	$9.05		$9.05	$9.05	4.65%	4.65%
51	Over 5kW	$8.65	$9.10		$8.65	$9.10	$9.05	$9.52		$9.05	$9.52	4.65%	4.65%
52	**Street Lights**												
53		Rate	Count	Rev/ Month	Rate #	kWh Sep-13			Rate				
54	175 Watt HPS	$16.26	2,007	32,634	1	106,110			$17.02				
55	400 Watt HPS	$23.00	1,041	23,943	2	125,488			$24.07				
56	175 Watt HPS UG	$30.38	35	1,063	10	1,674			$31.79				
57	400 Watt HPS UG	$70.84	579	41,016	11	73,036			$74.13				
58	7000 Lum Or 500 Watt	$29.46	169	4,979	20	25,265			$30.83				
59	21000 Lum Or 1000 Watt	$48.74	57	2,778	21	17,613			$51.01				
60	52000 Lum Or 1000 Watt	$114.74	103	11,818	22	31,827			$120.07				
61	250W Metal Halide	$22.04	29	639	35	1,309			$23.06				
62	400W Metal Halide	$27.48	82	2,253	36	10,664			$28.76				
63	250W HPS	$22.12	5	111	37	385			$23.15				
64	400W HPS	$27.75	21	583	38	2,604			$29.04				
65	Pole Setting	$9.68	19	184	39				$10.13				
66	Other			-	40, 41, 42	2,969							
67	**Average Rate**	**$29.42**	4,147	122,001		398,944			**$30.79**				
68													
69	**Traffic Lights**												
70		Rate	Count	Rev/ Month	Rate #				Rate				
71	LED Traffic Light	$2.31	1,025	2,368	53	8,152		383	$2.42				
72	Traffic Controller	$5.61	76	426	55	3,724		26	$5.87				
73	Inform Sign	$9.77	8	78	57	650		1	$10.22				
74	**Average Rate**	**$2.59**	1,109	2,872		12,526			**$2.71**				
75													

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INCORPORATED VILLAGE OF FREEPORT
BILL COMPARISONS
Residential - Non Heating
Rate Year Ending February 29, 2020

Line			Present Rates		Proposed Rates		Increase	
1		Sales (kWh)	Bi-Monthly Bill	Cost per kWh	Bi-Monthly Bill	Cost per kWh	$ per Bi-Monthly Bill	%
2								
3	Summer	Minimum	$7.53		$7.88		$0.35	4.65%
4		1	7.63	$7.62594	7.98	$7.98049	0.35	4.65%
5		10	8.49	0.84894	8.88	0.88841	0.39	4.65%
6		100	17.12	0.17124	17.92	0.17920	0.80	4.65%
7		250	31.52	0.12606	32.98	0.13192	1.47	4.65%
8		500	58.66	0.11731	61.38	0.12276	2.73	4.65%
9	Average Customer	772	88.18	0.11422	92.28	0.11953	4.10	4.65%
10		1,000	112.94	0.11294	118.19	0.11819	5.25	4.65%
11		1,500	170.51	0.11367	178.44	0.11896	7.93	4.65%
12		2,000	228.09	0.11404	238.69	0.11934	10.60	4.65%
13		2,500	285.66	0.11426	298.94	0.11958	13.28	4.65%
14		5,000	573.54	0.11471	600.20	0.12004	26.67	4.65%
15								
16	Winter	Minimum	$7.53		$7.88		$0.35	4.65%
17		1	7.63	$7.62594	7.98	$7.98049	0.35	4.65%
18		10	8.49	0.84894	8.88	0.88841	0.39	4.65%
19		100	17.12	0.17124	17.92	0.17920	0.80	4.65%
20		250	31.52	0.12606	32.98	0.13192	1.47	4.65%
21		500	55.50	0.11100	58.08	0.11616	2.58	4.65%
22	Average Customer	707	81.60	0.11542	85.39	0.12078	3.79	4.64%
23		1,000	103.47	0.10347	108.28	0.10828	4.81	4.65%
24		1,500	151.44	0.10096	158.48	0.10565	7.04	4.65%
25		2,000	199.41	0.09971	208.68	0.10434	9.27	4.65%
26		2,500	247.38	0.09895	258.88	0.10355	11.50	4.65%
27		5,000	487.23	0.09745	509.88	0.10198	22.65	4.65%
28								

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INCORPORATED VILLAGE OF FREEPORT
BILL COMPARISONS
Residential - Water Heating
Rate Year Ending February 29, 2020

		Present Rates		Proposed Rates		Increase	
	Sales (kWh)	Bi-Monthly Bill	Cost per kWh	Bi-Monthly Bill	Cost per kWh	$ per Bi-Monthly Bill	%
Summer	Minimum	$7.53		$7.88		$0.35	4.65%
	1	7.63	$7.62594	7.98	$7.98049	0.35	4.65%
	10	8.49	0.84894	8.88	0.88841	0.39	4.65%
	100	17.12	0.17124	17.92	0.17920	0.80	4.65%
	250	31.52	0.12606	32.98	0.13192	1.47	4.65%
	500	58.66	0.11731	61.38	0.12276	2.73	4.65%
	1,000	106.05	0.10605	110.98	0.11098	4.93	4.65%
	1,500	163.62	0.10908	171.23	0.11415	7.61	4.65%
	2,000	221.20	0.11060	231.48	0.11574	10.28	4.65%
	2,500	278.77	0.11151	291.73	0.11669	12.96	4.65%
	5,000	566.65	0.11333	592.99	0.11860	26.34	4.65%
Winter	Minimum	$7.53		$7.88		$0.35	4.65%
	1	7.62	$7.62350	7.98	$7.97794	0.35	4.65%
	10	8.47	0.84650	8.86	0.88586	0.39	4.65%
	100	16.88	0.16880	17.66	0.17665	0.78	4.65%
	250	30.91	0.12362	32.34	0.12937	1.44	4.65%
	500	54.28	0.10856	56.80	0.11361	2.52	4.65%
	1,000	96.89	0.09689	101.39	0.10139	4.50	4.65%
	1,500	144.86	0.09657	151.59	0.10106	6.73	4.65%
	2,000	192.83	0.09641	201.79	0.10089	8.96	4.65%
	2,500	240.80	0.09632	251.99	0.10080	11.20	4.65%
	5,000	480.65	0.09613	502.99	0.10060	22.35	4.65%

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INCORPORATED VILLAGE OF FREEPORT
BILL COMPARISONS
Residential - Space Heating
Rate Year Ending February 29, 2020

		Present Rates		Proposed Rates		Increase	
	Sales (kWh)	Monthly Bill	Cost per kWh	Monthly Bill	Cost per kWh	$ per Monthly Bill	%
Summer	Minimum	$7.53		$7.88		$0.35	4.65%
	1	7.63	$7.62594	7.98	$7.98049	0.35	4.65%
	10	8.49	0.84894	8.88	0.88841	0.39	4.65%
	100	17.12	0.17124	17.92	0.17920	0.80	4.65%
	250	31.52	0.12606	32.98	0.13192	1.47	4.65%
	500	58.66	0.11731	61.38	0.12276	2.73	4.65%
	1,000	112.94	0.11294	118.19	0.11819	5.25	4.65%
	1,500	170.51	0.11367	178.44	0.11896	7.93	4.65%
	2,000	228.09	0.11404	238.69	0.11934	10.60	4.65%
	2,500	285.66	0.11426	298.94	0.11958	13.28	4.65%
	5,000	573.54	0.11471	600.20	0.12004	26.67	4.65%
Winter	Minimum	$7.53		$7.88		$0.35	4.65%
	1	7.63	$7.62594	7.98	$7.98049	0.35	4.65%
	10	8.49	0.84894	8.88	0.88841	0.39	4.65%
	100	17.12	0.17124	17.92	0.17920	0.80	4.65%
	250	31.52	0.12606	32.98	0.13192	1.47	4.65%
	500	55.50	0.11100	58.08	0.11616	2.58	4.65%
	1,000	103.47	0.10347	108.28	0.10828	4.81	4.65%
	1,500	146.08	0.09738	152.87	0.10191	6.79	4.65%
	2,000	188.68	0.09434	197.45	0.09873	8.77	4.65%
	2,500	231.29	0.09251	242.04	0.09682	10.75	4.65%
	5,000	444.31	0.08886	464.97	0.09299	20.66	4.65%

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INCORPORATED VILLAGE OF FREEPORT
BILL COMPARISONS
Residential - All Electric
Rate Year Ending February 29, 2020

		Present Rates		Proposed Rates		Increase	
	Sales (kWh)	Monthly Bill	Cost per kWh	Monthly Bill	Cost per kWh	$ per Monthly Bill	%
Summer	Minimum	$7.53		$7.88		$0.35	4.65%
	1	7.63	$7.62594	7.98	$7.98049	0.35	4.65%
	10	8.49	0.84894	8.88	0.88841	0.39	4.65%
	100	17.12	0.17124	17.92	0.17920	0.80	4.65%
	250	31.52	0.12606	32.98	0.13192	1.47	4.65%
	500	58.66	0.11731	61.38	0.12276	2.73	4.65%
	1,000	102.84	0.10284	107.62	0.10762	4.78	4.65%
	1,500	160.41	0.10694	167.87	0.11191	7.46	4.65%
	2,000	217.99	0.10899	228.12	0.11406	10.13	4.65%
	2,500	275.56	0.11022	288.37	0.11535	12.81	4.65%
	5,000	563.44	0.11269	589.63	0.11793	26.20	4.65%
Winter	Minimum	$7.53		$7.88		$0.35	4.65%
	1	7.63	$7.62594	7.98	$7.98049	0.35	4.65%
	10	8.49	0.84894	8.88	0.88841	0.39	4.65%
	100	17.12	0.17124	17.92	0.17920	0.80	4.65%
	250	31.52	0.12606	32.98	0.13192	1.47	4.65%
	500	55.50	0.11100	58.08	0.11616	2.58	4.65%
	1,000	98.11	0.09811	102.67	0.10267	4.56	4.65%
	1,500	140.71	0.09381	147.25	0.09817	6.54	4.65%
	2,000	183.32	0.09166	191.84	0.09592	8.52	4.65%
	2,500	225.92	0.09037	236.42	0.09457	10.50	4.65%
	5,000	438.95	0.08779	459.35	0.09187	20.41	4.65%

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INCORPORATED VILLAGE OF FREEPORT
BILL COMPARISONS
General Service- Non-Demand
Rate Year Ending February 29, 2020

		Present Rates		Proposed Rates		Increase	
	Sales (kWh)	Monthly Bill	Cost per kWh	Monthly Bill	Cost per kWh	$ per Monthly Bill	%
Summer	Minimum	$9.77		$10.22		$0.45	4.65%
	1	9.88	$9.88067	10.34	$10.34005	0.46	4.65%
	10	10.88	1.08767	11.38	1.13824	0.51	4.65%
	100	20.84	0.20837	21.81	0.21806	0.97	4.65%
	250	37.44	0.14975	39.18	0.15671	1.74	4.65%
	500	65.11	0.13021	68.13	0.13626	3.03	4.65%
	1,000	120.44	0.12044	126.04	0.12604	5.60	4.65%
	1,500	175.78	0.11718	183.95	0.12263	8.17	4.65%
	2,000	231.11	0.11556	241.85	0.12093	10.74	4.65%
	2,500	286.45	0.11458	299.76	0.11991	13.32	4.65%
	5,000	563.12	0.11262	589.30	0.11786	26.18	4.65%
Winter	Minimum	$9.77		$10.22			
	1	9.87	$9.87452	10.33	$10.33361	0.46	4.65%
	10	10.82	1.08152	11.32	1.13180	0.50	4.65%
	100	20.22	0.20222	21.16	0.21162	0.94	4.65%
	250	35.90	0.14360	37.57	0.15028	1.67	4.65%
	500	62.03	0.12406	64.91	0.12983	2.88	4.65%
	1,000	114.29	0.11429	119.60	0.11960	5.31	4.65%
	1,500	166.55	0.11103	174.29	0.11620	7.74	4.65%
	2,000	218.81	0.10941	228.98	0.11449	10.17	4.65%
	2,500	271.07	0.10843	283.67	0.11347	12.60	4.65%
	5,000	532.37	0.10647	557.12	0.11142	24.75	4.65%

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157 **INCORPORATED VILLAGE OF FREEPORT**
158 **BILL COMPARISONS**
159 **General Service- Demand**
160 **Rate Year Ending February 29, 2020**
161

162			Present Rates		Proposed Rates		Increase	
163		Sales (kWh)	Monthly Bill	Cost per kWh	Monthly Bill	Cost per kWh	$ per Monthly Bill	%
164	**5 kW Demand**							
165	Summer (load factors)	Minimum	$37.60		$39.35		$1.75	4.65%
166	10%	365	104.59	0.28654	109.45	0.29986	4.86	4.65%
167	20%	730	128.32	0.17578	134.29	0.18396	5.97	4.65%
168	30%	1,095	152.06	0.13887	159.13	0.14532	7.07	4.65%
169	40%	1,460	175.79	0.12041	183.97	0.12600	8.17	4.65%
170	50%	1,825	199.53	0.10933	208.81	0.11441	9.28	4.65%
171	60%	2,190	223.27	0.10195	233.65	0.10669	10.38	4.65%
172	Winter (Load factors)	Minimum	$37.60		$39.35		$1.75	4.65%
173	10%	365	103.26	0.28291	108.06	0.29606	4.80	4.65%
174	20%	730	125.67	0.17215	131.51	0.18016	5.84	4.65%
175	30%	1,095	148.08	0.13524	154.97	0.14152	6.88	4.65%
176	40%	1,460	170.49	0.11678	178.42	0.12221	7.93	4.65%
177	50%	1,825	192.91	0.10570	201.87	0.11062	8.97	4.65%
178	60%	2,190	215.32	0.09832	225.33	0.10289	10.01	4.65%
179	**10 kW Demand**							
180	Summer (load factors)	Minimum	$37.60		$39.35		$1.75	4.65%
181	10%	730	173.82	0.23811	181.90	0.24918	8.08	4.65%
182	20%	1,460	221.29	0.15157	231.58	0.15862	10.29	4.65%
183	30%	2,190	268.77	0.12272	281.26	0.12843	12.50	4.65%
184	40%	2,920	316.24	0.10830	330.94	0.11334	14.70	4.65%
185	50%	3,650	363.71	0.09965	380.62	0.10428	16.91	4.65%
186	60%	4,380	411.18	0.09388	430.30	0.09824	19.12	4.65%
187	Winter (Load factors)	Minimum	$37.60		$39.35		$1.75	4.65%
188	10%	730	168.92	0.23140	176.78	0.24216	7.85	4.65%
189	20%	1,460	213.74	0.14640	223.68	0.15321	9.94	4.65%
190	30%	2,190	258.57	0.11807	270.59	0.12356	12.02	4.65%
191	40%	2,920	303.39	0.10390	317.49	0.10873	14.11	4.65%
192	50%	3,650	348.21	0.09540	364.40	0.09984	16.19	4.65%
193	60%	4,380	393.03	0.08973	411.31	0.09391	18.27	4.65%

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INCORPORATED VILLAGE OF FREEPORT
BILL COMPARISONS
General Service- Demand
Rate Year Ending February 29, 2020

		Present Rates		Proposed Rates		Increase	
	Sales (kWh)	Monthly Bill	Cost per kWh	Monthly Bill	Cost per kWh	$ per Monthly Bill	%
50 kW Demand							
Summer (load factors)	Minimum	$37.60		$39.35		$1.75	4.65%
10%	3,650	727.71	0.19937	761.54	0.20864	33.83	4.65%
20%	7,300	965.07	0.13220	1,009.94	0.13835	44.87	4.65%
30%	10,950	1,202.43	0.10981	1,258.33	0.11492	55.90	4.65%
40%	14,600	1,439.79	0.09862	1,506.73	0.10320	66.94	4.65%
50%	18,250	1,677.15	0.09190	1,755.12	0.09617	77.98	4.65%
60%	21,900	1,914.51	0.08742	2,003.52	0.09148	89.01	4.65%
Winter (Load factors)	Minimum	$37.60		$39.35		$1.75	4.65%
10%	3,650	694.21	0.19019	726.49	0.19904	32.28	4.65%
20%	7,300	918.32	0.12580	961.02	0.13165	42.70	4.65%
30%	10,950	1,142.43	0.10433	1,195.54	0.10918	53.11	4.65%
40%	14,600	1,366.54	0.09360	1,430.07	0.09795	63.53	4.65%
50%	18,250	1,590.65	0.08716	1,664.60	0.09121	73.95	4.65%
60%	21,900	1,814.76	0.08287	1,899.13	0.08672	84.37	4.65%
100 kW Demand							
Summer (load factors)	Minimum	$37.60		$39.35		$1.75	4.65%
10%	7,300	1,420.07	0.19453	1,486.09	0.20357	66.02	4.65%
20%	14,600	1,894.79	0.12978	1,982.88	0.13581	88.09	4.65%
30%	21,900	2,369.51	0.10820	2,479.67	0.11323	110.17	4.65%
40%	29,200	2,844.23	0.09741	2,976.46	0.10193	132.24	4.65%
50%	36,500	3,318.95	0.09093	3,473.25	0.09516	154.31	4.65%
60%	43,800	3,793.66	0.08661	3,970.04	0.09064	176.38	4.65%
Winter (Load factors)	Minimum	$37.60		$39.35		$1.75	4.65%
10%	7,300	1,350.82	0.18504	1,413.62	0.19365	62.80	4.65%
20%	14,600	1,799.04	0.12322	1,882.68	0.12895	83.64	4.65%
30%	21,900	2,247.26	0.10261	2,351.74	0.10739	104.48	4.65%
40%	29,200	2,695.48	0.09231	2,820.80	0.09660	125.32	4.65%
50%	36,500	3,143.70	0.08613	3,289.86	0.09013	146.16	4.65%
60%	43,800	3,591.92	0.08201	3,758.92	0.08582	167.00	4.65%

Received: 08/07/2019

INCORPORATED VILLAGE OF FREEPORT
COMPUTATION OF RATE BASE

			Historic Year Ended February 28, 2019			Rate Year Ending February 29, 2020			
Line	**Description**	**Reference for 2018-2019**	**February 28, 2018 Balance**	**February 28, 2019 Balance**	**Average**	**February 28, 2019 Balance**	**Reference for 2019**	**February 28, 2020 Balance**	**Average**
1	Utility Plant in Service								
2	Assets	Exh 6-2	$ 119,356,616	$ 119,625,906	$ 119,491,261	$ 119,625,906	Exh 6-2	$ 120,906,616	$ 120,266,261
3	Construction Work in Progress	Trial Balance	669,572	416,336	542,954	416,336	2019 plus Infl	424,275	420,306
4	Less: Contributions for Extensions	Trial Balance	(318,074)	(318,074)	(318,074)	(318,074)	2019	(318,074)	(318,074)
5	Less: Accumulated Depreciation	Exh 6-2	(58,347,194)	(60,875,489)	(59,611,342)	(60,875,489)	Exh 6-2	(61,350,580)	(61,113,035)
6	Less: Accumulated Amortization	Exh 6-2	(1,348,007)	(1,445,939)	(1,396,973)	(1,445,939)	Exh 6-2	(1,445,939)	(1,445,939)
7			60,012,913	57,402,740	58,707,827	57,402,740		58,216,298	57,809,519
8									
9	Materials & Supplies	Trial Balance	2,288,486	2,348,900	2,318,693	2,348,900	2019 plus Infl	2,393,692	2,371,296
10									
11	Unamortized Deferrals								
12	Add: Rate Case Expenses	Exh 7-12	0	0	0	0	Exh 7-12	189,173	94,586
13	Less: FAC Refund - Case 06-E-0911	Trial Balance	(485,231)	(469,234)	(477,232)	(469,234)	Trial Balance	(453,237)	(461,236)
14	Less: Leave Time Expenses	Trial Balance	(2,953,994)	(3,003,944)	(2,978,969)	(3,003,944)	2019 plus 2%	(3,064,023)	(3,033,983)
15			58,862,175	56,278,462	57,570,319	56,278,462		57,281,903	56,780,183
16	Cash Working Capital Allowance	Line 35			2,791,955				2,586,938
17	**Rate Base**				$ 60,362,274				$ 59,367,121
18									
19	Cash Working Capital Allowance:								
20	Operating Expenses				$ 31,902,154				$ 30,252,035
21									
22	Deductions:								
23	Fuel and Purchased Power				8,542,363				8,382,888
24	Depreciation Expense				2,972,067				3,101,318
25	PILOT				3,747,000				3,660,915
26	Total Deductions				15,261,430				15,145,120
27	Cash Operating Expenses	Line 16 - Line 26			16,640,724				15,106,915
28	Cash Operating Expenses Ratio				1/8				1/8
29	Operating Expenses Allowance	Line 24 X Line 28			2,080,091				1,888,364
30									
31	Fuel and Purchased Power Expenses	Line 23			8,542,363				8,382,888
32	Fuel and Purchased Power Ratio				1/12				1/12
33	Fuel and Purchased Power Allowance	Line 28 X Line 32			711,864				698,574
34									
35	Cash Working Capital Allowance	Line 26 + Line 33			$ 2,791,955				$ 2,586,938

Received: 08/07/2019

INCORPORATED VILLAGE OF FREEPORT
ASSETS AND ACCUMULATED DEPRECIATION

Line													
1	**ASSETS**			**FYE 02/28/2017**	**FYE 02/28/2018**			**FYE 02/28/2019**			**FYE 02/29/2020**		
2	**Account**	**Description**		Balance	Additions	Less: Retire-ments	Balance	Additions	Less: Retire-ments	Balance	Additions	Less: Retire-ments	Balance
3	301.000	Organization	Dist	150			150			150			150
4	303.600	Misc. Intangible Plant- LM	Amort	3,917,267			3,917,267			3,917,267			3,917,267
5		**INTANGIBLE**		3,917,417	0	0	3,917,417	0	0	3,917,417	0	0	3,917,417
6													
7	311.100	Land & Land Rights- General	PP2	40,583			40,583			40,583			40,583
8	311.310	Land & Land Rights- PP1	PP1	5,023			5,023			5,023			5,023
9	311.320	Land & Land Rights- PP2	PP2	1,827			1,827			1,827			1,827
10	311.500	Trans Land PP3	Other	4,439			4,439			4,439			4,439
11	311.600	Dist Land PP3	Other	19,381			19,381			19,381			19,381
12	312.310	Structures & Improvements- PP1	PP1	1,225,711			1,225,711			1,225,711	361,000		1,586,711
13	312.320	Structures & Improvements- PP2	PP2	3,135,526			3,135,526	8,405		3,143,931	75,000		3,210,526
14	312.326	Structures & Improvements- LM	LM	2,039,866			2,039,866			2,039,866			2,039,866
15	312.900	Structures & Improvements- General	PP2	265,891			265,891			265,891			265,891
16	342.110	Engine Gen. IC- PP1	PP1	2,342,674			2,342,674			2,342,674			2,342,674
17	342.120	Engine Gen. IC- PP2	PP2	3,363,701	354,189		3,717,890		260,140	3,457,751			3,717,890
18	342.136	Engine Dr. Gen.- IC- LM	LM	27,246,488			27,246,488			27,246,488			27,246,488
19	342.210	Generator IC- PP1	PP1	156,399			156,399			156,399			156,399
20	342.220	Generator IC- PP2	PP2	1,357,241			1,357,241			1,357,241	-		1,357,241
21	344.010	Accessory Equip IC- PP1	PP1	620,349			620,349			620,349			620,349
22	344.020	Accessory Equip IC- PP2	PP2	691,556			691,556			691,556			691,556
23	344.060	Accessory Equip- IC- LM	LM	7,915,592			7,915,592			7,915,592			7,915,592
24	345.010	Misc Plant Equip IC- PP1	PP1	107,227			107,227			107,227			107,227
25	345.020	Misc Plant Equip IC- PP2	PP2	87,429			87,429			87,429			87,429
26	345.060	Misc Plant Equip- IC- LM	LM	11,030,798			11,030,798			11,030,798			11,030,798
27		**PRODUCTION**		61,657,702	354,189	0	62,011,891	8,405	260,140	61,760,156	436,000	0	62,447,891
28													
29	352.000	Trans Substation Equip	Trans	15,801,305	102,608	268,343	15,635,571	36,793		15,672,364			15,635,571
30	353.000	Trans. Overhead Conductors	PTF	151,538		122,642	28,896			28,896			28,896
31	354.000	Trans. Underground Conductors	Trans	1,212,187		333,677	878,510			878,510			878,510
32		**TRANSMISSION**		17,165,030	102,608	724,661	16,542,977	36,793	0	16,579,770	0	0	16,542,977
33													
34	358.100	P,T & F - Trans PP3	PTF	19,982			19,982			19,982			19,982
35	358.200	P,T & F - Dist PP3	PTF	1,910,673	41,774	13,396	1,939,051	39,287	5,499	1,972,839			1,939,051
36	359.100	UG Conduits - Prim / Sec	Dist	2,819,474			2,819,474	38,375		2,857,849			2,819,474
37	359.600	UG Conduits - Fiber Optic PP3	Fiber	47,121			47,121			47,121			47,121
38	359.650	UG Conduit-LM6000 PP3	LM	942,906			942,906			942,906			942,906
39		**POLES**		5,740,156	41,774	13,396	5,768,534	77,662	5,499	5,840,697	0	0	5,768,534
40													
41													
42													
43	**Account**	**Description**		Balance			Balance			Balance			Balance
44	361.000	Dist Substation Equipment	Dist	4,000,557		135,593	3,864,964			3,864,964	20,000		3,884,964
45	363.000	Dist OH Conductors	PTF	4,195,731	149,906	15,980	4,329,657	88,124	15,534	4,402,247			4,329,657
46	364.000	Dist UG Conductors	Dist	4,505,952	17,979		4,523,931	3,689	2,791	4,524,829			4,523,931
47	365.000	Line Transformers	Dist	4,709,445	64,442	19,134	4,754,753	99,931	6,131	4,848,553			4,754,753
48	366.000	Overhead Services	Dist	960,964	32,619	16,292	977,291	34,940	11,962	1,000,268			977,291
49	367.000	Underground Services	Dist	862,548	35,675	5,247	892,976	20,793	3,636	910,133			892,976
50	368.000	Consumers' Meters	Dist	1,231,252	35,078		1,266,330	13,613		1,279,943			1,266,330
51	369.000	Consumers' Meter Install	Dist	260,366			260,366			260,366			260,366

Received: 08/07/2019

INCORPORATED VILLAGE OF FREEPORT
ASSETS AND ACCUMULATED DEPRECIATION

Line				FYE 02/28/2017	FYE 02/28/2018			FYE 02/28/2019			FYE 02/29/2020		
1	**ASSETS**												
52		**DISTRIBUTION**		20,726,816	335,698	192,246	20,870,268	261,089	40,054	21,091,304	20,000	0	20,890,268
53													
54	373.000	**Street Light & Signal Equip**	SL	3,688,390	265,078	163,980	3,789,488	282,125	112,317	3,959,296			3,789,488
55													
56	381.010	Office Equipment- PP1	PP1	18,945			18,945			18,945			18,945
57	381.020	Office Equipment- PP2	PP2	102,180		2,615	99,565			99,565			99,565
58	381.000	Office Equipment- General	GA	949,650			949,650			949,650	635,000		1,584,650
59	382.020	Stores Equipment- PP2	PP2	5,512			5,512			5,512			5,512
60	382.000	Stores Equipment- General	Dist	160,526			160,526			160,526			160,526
61	383.010	Shop Equipment- PP1	PP1	14,882			14,882			14,882			14,882
62	383.020	Shop Equipment- PP2	PP2	52,108			52,108			52,108			52,108
63	384.100	Transportation Equipment- Cars	Other	209,867	10,280	31,560	188,587			188,587	26,000		214,587
64	384.200	Transportation Equipment- Trucks	Other	2,120,230	4,075	10,280	2,114,025			2,114,025	433,000		2,547,025
65	385.000	Communication Equipment	GA	1,380,041	20,052		1,400,093	20,869		1,420,962			1,400,093
66	385.100	Comm. Equip.- Fiber Optics	Fiber	1,293,010	330		1,293,340	357		1,293,697			1,293,340
67	386.010	Laboratory Equipment- PP1	PP1	4,454			4,454			4,454			4,454
68	386.020	Laboratory Equipment- PP2	PP2	12,509			12,509			12,509			12,509
69	386.000	Laboratory Equipment- General	GA	56,783	24,530		81,313			81,313			81,313
70	387.020	General Tools & Equipment- PP2	PP2	20,118			20,118			20,118			20,118
71	387.000	General Tools & Implements	GA	40,414			40,414			40,414			40,414
72		**GENERAL**		6,441,230	59,266	44,455	6,456,042	21,226	0	6,477,268	1,094,000	0	7,550,042
73													
74				119,336,740	1,158,614	1,138,738	119,356,616	687,300	418,010	119,625,906	1,550,000	0	120,906,616
75		*Check=*		*119,336,740*	*1,158,614*	*1,138,738*	*119,356,616*	*687,300*	*418,010*	*119,625,906*			

Line					FYE 02/28/2018			FYE 02/28/2019			FYE 02/29/2020		
76	**ACCUMULATED DEPRECIATION**												
77	**Ac-count**	**Description**	Annual Rate	Balance	Depreciation Expense	Less: Retirements	Balance	Depreciation Expense	Less: Retirements	Balance	Depreciation Expense	Less: Retirements	Balance
78	301.000	Organization		0			-			-			0
79	303.600	Misc. Intangible Plant- LM	2.50%	1,250,076	97,932		1,348,007	97,932		1,445,939	97,932		1,445,939
80		**INTANGIBLE**		1,250,076	97,932	0	1,348,007	97,932	0	1,445,939	97,932	0	1,445,939
81													
82	311.100	Land & Land Rights- General		0			-			-			0
83	311.310	Land & Land Rights- PP1		3,657			3,657			3,657			3,657
84	311.320	Land & Land Rights- PP2		0			-			-			0
85	311.500	Trans Land PP3		0			-			-			0
86	311.600	Dist Land PP3		0			-			-			0
87	312.310	Structures & Improvements- PP1	1.63%	946,669	19,979		966,648	19,979		986,627	22,921		989,569
88	312.320	Structures & Improvements- PP2	2.22%	2,480,852	69,609		2,550,460	69,624		2,620,085	70,441		2,620,902
89	312.326	Structures & Improvements- LM	2.20%	2,156,175			2,156,175			2,156,175			2,156,175
90	312.900	Structures & Improvements- General	1.49%	135,932	3,962		139,894	3,962		143,856	3,962		143,856
91	342.110	Engine Gen. IC- PP1	1.47%	2,067,729	34,437		2,102,167	34,437		2,136,604	34,437		2,136,604
92	342.120	Engine Gen. IC- PP2	2.50%	917,809	84,093		1,001,902	92,405	264,726	829,581	92,947		1,094,849
93	342.136	Engine Dr. Gen.- IC- LM	2.20%	9,251,023	599,423		9,850,445	599,423		10,449,868	599,423		10,449,868
94	342.210	Generator IC- PP1	1.44%	156,399			156,399			156,399			156,399
95	342.220	Generator IC- PP2	1.44%	420,969			420,969			420,969	19,544		440,513
96	344.010	Accessory Equip IC- PP1	1.65%	657,135			657,135			657,135			657,135
97	344.020	Accessory Equip IC- PP2	1.65%	668,499	11,411		679,910	11,411		691,321	11,411		691,321
98	344.060	Accessory Equip- IC- LM	2.92%	3,194,631	231,135		3,425,766	231,135		3,656,901	231,135		3,656,901
99	345.010	Misc Plant Equip IC- PP1	1.98%	115,028			115,028			115,028			115,028
100	345.020	Misc Plant Equip IC- PP2	2.61%	87,339			87,339			87,339			87,339
101	345.060	Misc Plant Equip- IC- LM	2.94%	6,048,744	324,306		6,373,049	324,306		6,697,355	324,305		6,697,355

Received: 08/07/2019

INCORPORATED VILLAGE OF FREEPORT
ASSETS AND ACCUMULATED DEPRECIATION

Line				FYE 02/28/2017	FYE 02/28/2018			FYE 02/28/2019			FYE 02/29/2020		
1	ASSETS												
102		**PRODUCTION**		29,308,591	1,378,353	0	30,686,944	1,386,682	264,726	31,808,900	1,410,527	0	32,097,471
103													
104	352.000	Trans Substation Equip	2.38%	7,231,379	373,942	268,343	7,336,979	372,200	15,269	7,693,909	372,127		7,709,105
105	353.000	Trans. Overhead Conductors	2.93%	118,975	3,242	122,643	(425)	7,825	6,979	421	847		421
106	354.000	Trans. Underground Conductors	2.86%	794,364	31,487	333,677	492,175	25,125	18,987	498,313	25,125		517,300
107		**TRANSMISSION**		8,144,718	408,672	724,662	7,828,728	405,150	41,235	8,192,643	398,099	0	8,226,827
108													
109	358.100	P,T & F - Trans PP3	3.92%	39,090			39,090			39,090			39,090
110	358.200	P,T & F - Dist PP3	3.92%	1,290,593	76,337	26,265	1,340,665	78,302	10,040	1,408,927	76,011		1,416,676
111	359.100	UG Conduits - Prim / Sec	2.04%	1,490,891	56,768		1,547,659	56,786		1,604,445	57,517		1,605,177
112	359.600	UG Conduits - Fiber Optic PP3	2.50%	21,245	1,178		22,423	1,178		23,601	1,178		23,601
113	359.650	UG Conduit-LM6000 PP3	2.01%	242,578	18,952		261,530	18,952		280,483	18,952		280,483
114		**POLES**		3,084,397	153,236	26,265	3,211,368	155,218	10,040	3,356,547	153,658	0	3,365,026
115													
1					FYE 02/28/2018			FYE 02/28/2019			FYE 02/29/2020		
2	**Ac-count**	**Description**	Annual Rate	Balance	Depreciation Expense	Less: Retirements	Balance	Depreciation Expense	Less: Retirements	Balance	Depreciation Expense	Less: Retirements	Balance
3	361.000	Dist Substation Equipment	3.14%	1,765,655	124,198	135,593	1,754,260	121,360	7,716	1,867,904	125,617		1,879,877
4	363.000	Dist OH Conductors	2.75%	1,651,818	131,264	37,873	1,745,209	132,752	29,125	1,848,836	111,423		1,856,632
5	364.000	Dist UG Conductors	2.90%	1,960,142	130,716		2,090,858	134,816	11,059	2,214,615	154,683		2,245,541
6	365.000	Line Transformers	3.59%	2,743,605	173,220	21,991	2,894,834	176,745	10,635	3,060,945	160,380		3,055,214
7	366.000	Overhead Services	4.96%	883,569	48,436	29,243	902,762	50,380	23,560	929,582	0		902,762
8	367.000	Underground Services	3.14%	246,908	27,164	12,431	261,640	28,085	4,977	284,749	21,293		282,934
9	368.000	Consumers' Meters	3.43%	911,806	42,332		954,139	43,474		997,613	46,802		1,000,940
10	369.000	Consumers' Meter Install	3.42%	242,518	8,904		251,422	8,904		260,327	8,905		260,327
11		**DISTRIBUTION**		10,406,019	686,234	237,129	10,855,124	696,516	87,071	11,464,570	629,103	0	11,484,227
12													
13	373.000	Street Light & Signal Equip	3.33%	557,068	254,557	263,717	547,908	199,543	188,850	558,601	126,062		673,971
14													
15	381.010	Office Equipment- PP1		104,848		2,615	102,233			102,233			102,233
16	381.020	Office Equipment- PP2		(270)	6,173		5,903	6,734		12,636			5,903
17	381.000	Office Equipment- General	6.59%	1,079,448	5,247		1,084,695			1,084,695			1,084,695
18	382.020	Stores Equipment- PP2	3.70%	31,772			31,772			31,772			31,772
19	382.000	Stores Equipment- General	3.70%	123,465	5,939		129,405	5,939		135,344	5,939		135,344
20	383.010	Shop Equipment- PP1		15,283			15,283			15,283			15,283
21	383.020	Shop Equipment- PP2	4.09%	51,027	2,131		53,158	355		53,513			53,158
22	384.100	Transportation Equipment- Cars	10.07%	265,812		31,560	234,252			234,252			234,252
23	384.200	Transportation Equipment- Trucks	6.56%	1,531,148	139,076	337	1,669,886	138,535		1,808,421	152,882		1,822,769
24	385.000	Communication Equipment	6.51%	1,106,538	89,985		1,196,523	91,403		1,287,926	91,146		1,287,669
25	385.100	Comm. Equip.- Fiber Optics	2.52%	531,694	33,123		564,817	33,020		597,837	32,564		597,381
26	386.010	Laboratory Equipment- PP1	3.97%	3,571	177		3,748	177		3,924	177		3,924
27	386.020	Laboratory Equipment- PP2	3.97%	12,114	497		12,611	83		12,693			12,611
28	386.000	Laboratory Equipment- General	3.97%	62,904	188		63,092			63,092	3,228		66,320
29	387.020	General Tools & Equipment- PP2		4,626	789		5,415	861		6,276	0		5,415
30	387.000	General Tools & Implements	4.28%	44,185	144		44,329			44,329			44,329
31		**GENERAL**		4,968,165	283,468	34,512	5,217,121	277,107	0	5,494,228	285,937	0	5,503,058
32													
33				57,719,034	3,262,453	1,286,286	59,695,201	3,218,148	591,921	62,321,428	3,101,318	0	62,796,519

Received: 08/07/2019

INCORPORATED VILLAGE OF FREEPORT
DEBT COST
Historic Year Ended February 28, 2019 and Rate Year Ending February 29, 2020

Line	Purpose	Date Issued	Maturity	Interest 2020	Original Issue	Outstanding 02/28/2017	Outstanding 02/28/2018	Outstanding 02/28/2019	Outstanding 02/28/2020	Principal Pmt 2020
1	Transmission Substation	07/01/1998	2019	0	12,721,000	1,976,000	1,013,000	0	0	0
2	Refunding	09/16/2011	2019	0	156,272	47,325	23,382	0	0	0
3	Various	09/16/2011	2025	15,349	1,348,614	929,307	824,419	715,921	603,479	112,442
4	Power Plant Refunding	05/11/2012	2032	1,416,212	47,250,000	39,830,000	37,960,000	35,990,000	33,920,000	2,070,000
5	Improvements	03/27/2014	2019	0	206,148	102,992	48,380	0		0
6	Various	09/03/2015	2026	4,142	242,517	220,812	198,528	175,521	152,080	23,441
7	Improvements / Dist	08/03/2016	2029	121,822	3,350,010	3,329,628	3,328,382	3,327,135	2,943,319	383,817
8	Improvements / Dist	08/03/2016	2019	0	634,590	634,590	324,648	0	0	0
9	Various	08/03/2016	2019	0	162,162	110,953	56,330	0	0	0
10	Refunding 2008B		2024	22,510	1,350,000	1,330,000	1,295,000	1,260,000	1,020,000	240,000
11	Unrefunded 2008B	08/03/2016	2019	0	390,000	390,000	200,000	0	0	0
12	Improvements 2017A	05/02/2017	2032	23,559	1,075,000	0	1,075,000	1,022,278	956,084	66,194
13	Computer Upgrade 2019A	05/30/2019	2028	2,802	150,000	0	0	0	150,000	0
14	Captial Projects FYE20	08/01/2019	2038	18,467	1,596,500	0	0	0	1,596,500	0
15	**Outstanding**			**1,624,863**	**70,632,813**	**48,901,607**	**46,347,069**	**42,490,855**	**41,341,461**	**2,895,894**
16										
17	**2020 Cost of Debt**	**3.93%**	*(2020 Outstanding / 2020 Interest)*							

Received: 08/07/2019

INCORPORATED VILLAGE OF FREEPORT
LABOR AND BENEFITS - PROJECTED
Historic Year Ended February 28, 2019 and Rate Year Ending February 29, 2020

Line	Description	Reference	Total Labor & Benefits	Labor	Total Benefits	Medical / Dental	Medical / Dental-Retired	Leave Time Expense	Workers' Compens.	Retirement	FICA	Medicare Contr / Reimb	Other Employee Benefits	Active Labor & Benefits
1	Charged to expense, FY 2019	Exh 2	10,951,594	4,997,187	5,954,407	1,098,537	1,342,656	1,589,163	193,990	1,158,588	354,794	190,265	26,415	7,799,371
2	Add: IT Center & Capital Allocation		226,374		226,374	226,374								
3	Adjusted expense, FY 2019		11,177,968	4,997,187	6,180,781	1,324,910	1,342,656	1,589,163	193,990	1,158,588	354,794	190,265	26,415	8,025,744
4	Add back: Capitalized to projects	PR Journal	271,686	202,612	69,075					46,975	14,385	7,714		202,612
5	**Total Labor & Benefits FY 2019**		**11,449,654**	**5,199,799**	**6,249,856**	**1,324,910**	**1,342,656**	**1,589,163**	**193,990**	**1,205,563**	**369,179**	**197,980**	**26,415**	
6	New hires @ FY 2019 salary	From Village	95,916	69,000	26,916	15,958			2,574	3,105	4,278	1,001		
7	Annual increase FY 2020	CESA Contract 2%	148,608	105,376	43,232			31,783			7,469	3,980		2.00%
8	Medical / Dental FY 2020	Exh 7-3	266,757		266,757	132,491	134,266							10.00%
11	Medical / Dental FY 2020 - IT Allocation	Exh 7-3				(138,790)								
9	Retirement Plan FY 2020	2018-2020 Average	35,231		35,231					35,231				1,240,794
10	**Projected total incurred, FY 2020**		**11,996,166**	**5,374,175**	**6,621,991**	**1,334,570**	**1,476,922**	**1,620,947**	**196,564**	**1,243,899**	**380,926**	**202,960**	**26,415**	
12	Capitalized @ 6.67%	5 Years Average	(590,438)	(358,675)	(231,763)	(109,776)				(83,018)	(25,423)	(13,546)		6.67%
13	**Projected expense, FY 2020**		**11,405,728**	**5,015,499**	**6,390,228**	**1,224,794**	**1,476,922**	**1,620,947**	**196,564**	**1,160,881**	**355,503**	**189,414**	**26,415**	

Line			
17	NYS Retirement amount $1,234,495.62 paid on 12/15/17, covered 2017 calender year (FY18)	1,234,496	Paid FY18
18	NYS Retirement amount $1,247,987.14 paid on 12/15/18, covered 2018 calender year (FY19)	1,247,987	Paid FY19
19	NYS Retirement amount $1,239,900.30 will be paid on 12/15/19, covered 2019 calender year (FY20)	1,239,900	
20		1,240,794	

Line	Position	#	2019 Salary	Total Salary	Part Year	FY2019
24	Accountant	1	69,000	69,000	100%	69,000
25				69,000		69,000

Received: 08/07/2019

INCORPORATED VILLAGE OF FREEPORT
LABOR AND BENEFITS CAPITALIZED
Historical Data

Line		Ttl 2015-2019	2/28/2019	2/28/2018	2/28/2017	2/29/2016	2/28/2015
1	**Charged to Expense**						
2	Labor	23,196,762	4,997,187	4,636,285	4,523,525	4,529,892	4,509,874
3	Leave benefit	5,716,404	1,261,140	1,167,274	1,198,091	1,058,436	1,031,462
4	FICA	2,020,613	419,684	420,619	401,911	399,085	379,314
5	Medicare	514,488	105,852	104,847	103,355	101,306	99,126
6	Other	4,037,675	751,106	834,085	837,624	832,298	782,562
7		35,485,941	7,534,969	7,163,110	7,064,506	6,921,017	6,802,339
8							
9	**Capitalized**	2,537,719	202,612	626,340	588,061	585,473	535,232
10	**Total Incurred**	38,023,660	7,737,581	7,789,450	7,652,568	7,506,491	7,337,571
11							
12	**Portion Capitalized**	**6.67%**	**2.62%**	**8.04%**	**7.68%**	**7.80%**	**7.29%**

Received: 08/07/2019

INCORPORATED VILLAGE OF FREEPORT
Medical and Dental Insurance
Historic Year Ended February 28, 2019 and Rate Year Ending February 29, 2020

Line	Carrier / Item	Fiscal Year 2/28/2017	Fiscal Year 2/28/2018	Fiscal Year 2/28/2019	Rate Year 2/28/2020	FY2020 over FY2019
1	**Medical**					
2	NYSHIP	991,186	1,111,050	1,169,829	1,286,812	10.0%
3	Emblem HIP	514,070	518,009	547,716	602,487	10.0%
4	Empire	253,384	352,677	337,667	371,434	10.0%
5	Aetna	220,206	220,891	244,810	269,291	10.0%
6	Aetna Medicare	25,674	26,614	28,233	31,057	10.0%
7	Empire MediBlue	27,811	34,173	36,265	39,892	10.0%
8	Choice / Clarity	38,640	46,200	35,136	38,650	10.0%
9	NYSHIP Admin	140	1,740	1,908	2,099	10.0%
10	Choice Admin	2,661	2,345	4,351	4,786	10.0%
11						
12	New Employee		-	-	13,766	
13	Insurance Buyout	131,381	125,338	129,448	142,392	10.0%
14	Allocation to Capital	(89,022)	(99,177)	(99,796)	(109,776)	10.0%
15	Allocate IT	(87,040)	(79,305)	(114,490)	(125,939)	10.0%
16		2,029,092	2,260,555	2,321,077	2,566,950	
17	*Check to TB*	*2,029,092*	*2,260,555*	*2,320,672*		
18						
19	**Dental**					
20	March - June	48,550	50,978	48,655	53,521	10.0%
21	July - February	101,565	108,972	83,548	91,903	10.0%
22	New Employee		-		2,193	
23	Allocate IT	(8,998)	(8,466)	(11,682)	(12,851)	10.0%
24		141,117	151,484	120,521	134,766	
25	*Check to TB*	*141,117*	*151,484*	*120,521*		
26						
27	**Total Medical & Dental**	**2,170,208**	**2,412,039**	**2,441,598**	**2,701,715**	
28						
29						
30					**% Increase for 2020**	**10%**
31						
32						

33 The 10% increase in Medical and Dental Expenses is based upon the Village's outside
34 benefit consulting firm advising the national trend is approximately 12.1%.

Received: 08/07/2019

INCORPORATED VILLAGE OF FREEPORT
Labor Transfer
Historic Year Ended February 28, 2019 and Rate Year Ending February 29, 2020
Based on Invoice from Village

		Historic Year Ended February 28, 2019					Rate Year Ending February 29, 2020				
Line	**Department**	**# Employees**	**Department Salaries**	**% of Time Devoted to Electric**	**Salaries for Electric**	**Benefits for Electric**	**# Employees**	**Department Salaries**	**% of Time Devoted to Electric**	**Salaries for Electric**	**Benefits for Electric**
1	Controller	4	$ 278,240	16.2%	$ 44,952	$ 23,906	4	$ 317,084	15.1%	$ 47,897	$ 25,387
2	Attorney	5	$ 473,833	36.7%	$ 173,749	$ 76,332	5	$ 480,645	36.5%	$ 175,415	$ 77,332
3	Purchasing	2	$ 159,293	15.2%	$ 24,213	$ 10,003	2	$ 162,496	15.2%	$ 24,699	$ 10,187
4	Treasurer	3	$ 237,552	30.4%	$ 72,212	$ 36,930	3	$ 241,224	30.4%	$ 73,213	$ 47,259
5	Human Resources	6	$ 458,004	21.6%	$ 99,022	$ 49,893	6	$ 468,092	21.6%	$ 101,175	$ 52,068
6	Village Clerk	2	$ 176,022	8.2%	$ 14,493	$ 6,251	2	$ 167,466	8.0%	$ 13,363	$ 6,262
7	Auditor	1	$ 48,099	18.5%	$ 8,898	$ 3,368	1	$ 49,500	18.5%	$ 9,158	$ 3,418
8	Executive	6	$ 289,493	17.8%	$ 51,644	$ 37,938	6	$ 306,428	18.2%	$ 55,621	$ 39,565
9	Other	1	$ 54,268	30.0%	$ 16,280	$ 11,960	1	$ 57,622	30.0%	$ 17,287	$ 12,979
10		30	$ 2,174,804	23.2%	$ 505,463	$ 256,581	30	$ 2,250,557	23.0%	$ 517,828	$ 274,457
11	**Total Labor Transfer**					**$ 762,044**					**$ 792,285**

Received: 08/07/2019

INCORPORATED VILLAGE OF FREEPORT
FUEL ADJUSTMENT CLAUSE
Historic Year Ended February 28, 2019 and Rate Year Ending February 29, 2020

Line		Source		Historic Year Ended February 28,	Rate Year Ending February 29, 2020
1	Total Fuel and Purchased Power Expense- FY19	Exhibit 2		8,542,363	
2	TCC Cost Recovery			4,433,430	4,433,430
3	Total Fuel and Purchased Power Expense- FY20	Line 28			$8,382,888
4	LM6000 Operations (Credited) Charged to FAC			(431,263)	(431,263)
5	Total Fuel & Purchased Power to Recover			12,544,530	$12,385,055
6					
7	Total kWh Sales	Exhibit 3-1		253,806,822	250,580,245
8					
9	Fuel and Purchased Power per kWh in Base Rates			$0.03126	$0.03126
10					
11	Recovered in Base Rates	Line 7 X Line 9		7,934,001	$7,833,138
12	Total FAC Revenue	Exhibit 3-1		4,953,029	4,802,497
13	FAC Accrual			(211,336)	
14	EE collected in FAC	$0.00100		(131,164)	(250,580)
15				12,544,530	12,385,055
16	Difference			0	0
17	Total Fuel and Purchased Power Revenue			$12,544,530	$12,385,055
18					
19	Cost per kWh	Line 5 / Line 7		$0.04943	$0.04943
20	FAC Average rate- Computed	(Line 5 - Line 11) / Line 7			$0.01817
21					
22	Total Fuel and Purchased Power Expense- FY20				
23	Change in kWh	Change in Line 7	kWh		(3,226,577)
24	Cost per kWh, FY19	Line 19 , FY19	per kWh		$0.04943
25		Line 23 X Line 309	$		(159,475)
26	Total Expenses, FY 2020	Line 1	$		12,975,793
27	Less: TCC Cost Recovery, 2020		$		(4,433,430)
28	FAPP, FY 2020		$		8,382,888

Received: 08/07/2019

#REF!

INCORPORATED VILLAGE OF FREEPORT
CPI Inflation Forecast
Rate Year Ending February 29, 2020

Average Annual Inflation	**1.91%**

Consumer Price Index - All Urban Consumers

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Year / Year	Annual to 2018
2003	194.7	196.2	197.1	196.7	196.8	196.9	197.7	199.1	199.6	200.0	199.4	199.3	197.8		
2004	199.9	201.1	203.4	204.0	204.4	206.0	205.5	205.7	205.9	207.3	207.2	206.8	204.8	3.53%	2.19%
2005	208.1	208.9	212.4	212.5	211.4	210.7	212.5	214.1	215.8	216.6	215.3	214.2	212.7	3.88%	2.09%
2006	215.9	216.4	218.2	220.2	221.6	222.6	223.1	224.1	222.9	221.7	220.9	221.3	220.7	3.78%	1.96%
2007	221.8	223.1	224.6	225.8	227.1	228.3	228.6	228.3	228.3	228.6	229.5	229.4	226.9	2.81%	1.81%
2008	229.9	231.0	233.1	233.8	236.2	238.6	240.3	240.6	240.1	238.4	234.5	233.0	235.8	3.90%	1.72%
2009	233.4	234.7	235.1	235.6	236.0	237.2	237.6	238.3	238.6	238.4	238.8	238.4	236.8	0.44%	1.50%
2010	239.0	238.9	240.1	240.5	241.1	240.8	241.1	241.6	241.5	242.0	242.0	241.9	240.9	1.71%	1.62%
2011	242.6	243.8	245.6	246.5	248.1	248.5	249.2	250.1	250.6	250.1	249.3	248.3	247.7	2.85%	1.61%
2012	249.3	250.3	251.9	252.3	252.7	252.4	252.0	253.5	254.6	254.3	254.3	253.6	252.6	1.97%	1.43%
2013	254.8	256.2	256.6	256.0	256.3	256.9	257.3	257.7	258.5	257.1	257.4	257.3	256.8	1.68%	1.34%
2014	259.6	259.0	260.0	260.0	261.2	261.4	261.5	261.1	261.1	260.5	259.4	258.1	260.2	1.32%	1.28%
2015	258.4	259.2	259.6	260.0	261.1	261.5	261.2	261.3	261.9	261.5	261.0	259.9	260.6	0.13%	1.26%
2016	260.3	260.9	261.5	262.6	263.3	263.9	263.7	264.2	264.6	264.7	265.2	265.4	263.4	1.08%	1.65%
2017	266.9	267.7	267.6	267.9	268.2	268.7	268.1	268.7	270.1	269.6	269.4	269.6	268.5	1.96%	1.93%
2018	270.8	272.2	272.2	273.0	274.0	274.2	274.1	274.4	275.5	275.1	274.5	273.8	273.6	1.91%	1.91%
2019	275.1	275.8	276.6	277.4	278.1	278.8									

Received: 08/07/2019

INCORPORATED VILLAGE OF FREEPORT

Summary of Expenses- Fiscal Year 2019

Historic Year Ended February 28, 2019 and Rate Year Ending February 29, 2020

		FYE 2/28/2019						FYE 2/28/2020
Line		**Labor and Labor Transfers**	**Materials and Supplies**	**Vendors**	**Adjustments and**	**Total**	**Adjusted**	**Total**
1	**Fuel and Purchased Power**		8,542,363			8,542,363	8,542,363	8,382,888
2								
3	Engine Gas Supply and Delivery		1,920,880			1,920,880		
4	Production Supplies, Other		118,638			118,638	150,798	150,798
5	NYISO TCC Purchase		-			-	-	-
6	General Station Service		123,259			123,259	82,933	82,933
7	Production Rent		475,120			475,120	475,120	475,120
8	**LM6000 Fuel & Other Costs**	-	2,637,897	-	-	2,637,897	708,851	708,851
9								
10	Labor	4,997,187				4,997,187	4,997,187	5,015,499
11	Labor Transfers	505,463				505,463	505,463	517,828
12	Medical and Dental Insurance			2,441,193		2,441,193	2,441,598	2,701,715
13	Leave Time Expense			1,589,163		1,589,163	1,589,163	1,620,947
14	Retirement			1,158,588		1,158,588	1,158,588	1,160,881
15	FICA			354,794		354,794	354,794	355,503
16	Medicare Contribution / Reimbursement			190,265		190,265	190,265	189,414
17	Worker's Compensation			193,990		193,990	193,990	196,564
18	Other Employee Benefits			26,415		26,415	26,415	26,415
19								
20	Labor Benefits Transfers	256,581		-		256,581	256,581	274,457
21	Repairs		196,678			196,678	196,678	200,429
22	Dist		217,813	-		217,813	217,813	221,966
23	Executive / Computer Services		262,344	25,856		288,200	272,154	277,344
24	Insurance			290,187		290,187	267,798	272,905
25	Transport		206,216			206,216	206,216	210,149
26	Customer Billing and Accounting			119,322		119,322	119,322	121,597
27	Security		189,446			189,446	189,446	193,058
28	TX		12,224			12,224	12,224	12,457
29	Production		74,856			74,856	74,856	76,284
30	Station		167,233			167,233	167,233	170,422
31	Safety & Education			86,105		86,105	86,105	87,747
32	Regulatory Commission Expense			76,760		76,760	76,760	88,451
33	Agency Fees		68,346			68,346	68,346	69,649
34	Rents			48,570		48,570	48,570	49,496
35	M&S		47,790			47,790	47,790	48,702
36	SL		26,307			26,307	26,307	26,809
37	Depreciation				2,972,067	2,972,067	2,972,067	3,101,318
38	PILOT (Net)			3,747,000		3,747,000	3,660,915	3,660,915
39	Uncollectible Accounts			89,612		89,612	89,612	94,861
40	Other			83,523		83,523	83,523	85,116
41	**Operatng Expenses**	5,759,231	1,469,255	10,521,342	2,972,067	20,721,894	20,597,778	21,128,897
42	**Total Excluding Interest, Other**					**31,902,154**	**29,848,992**	**30,220,635**
43	Interest Expense, Other		(32,129)		1,724,671	1,692,542		
44	**Total**	5,759,231	12,617,385	10,521,342	4,696,738	33,594,696		
45								

Received: 08/07/2019

INCORPORATED VILLAGE OF FREEPORT
UNCOLLECTIBLE ACCOUNTS EXPENSE

Line		Revenue	Uncollectible Accounts Expense	Uncollectible % Revenue
1				
2	FY 2011	$ 32,684,692	$ 101,410	0.31%
3	FY 2012	$ 31,142,712	$ 89,622	0.29%
4	FY 2013	$ 31,049,608	$ 359,349	1.16%
5	FY 2014	$ 30,629,411	$ 136,924	0.45%
6	FY 2015	$ 25,739,351	$ 97,000	0.38%
7	FY 2016	$ 25,498,265	$ 108,666	0.43%
8	FY 2017	$ 26,645,651	$ 114,355	0.43%
9	FY 2018	$ 26,991,923	$ 82,576	0.31%
10	FY 2019	$ 28,417,801	$ 89,612	0.32%
11		$ 258,799,414	$ 1,179,514	
12				
13			**3 Years Average**	**0.35%**
14				
15	**FY2020 (Using 3 Years Average)**			
16	Base Revenue @ Present Rate	$ 27,091,811		
17	Projected Uncollectible	$ 94,861		
18				
19	Base Revenue @ Propose Rate	$ 28,351,385		
20	Projected Uncollectible	$ 99,271		

Received: 08/07/2019

INCORPORATED VILLAGE OF FREEPORT
Regulatory Commission Expense
Historic Year Ended February 28, 2019 and Rate Year Ending February 29, 2020

Line	Actual Expense		Amount
1	**FYE2019 Rate Case Expenses**		121,759
2			
3	**FYE2020 Projected Rate Case Expenses:**		
4	George Fitzpatrick		30,000
5	Roger Ehrler		70,000
6	David Turner		2,000
7	Jeff Genzer		60,000
8		Total FY2020	162,000
9			
10		Total Rate Case Expenses	283,759
11			
12		Amorization (3 Years)	94,586

Received: 08/07/2019

INCORPORATED VILLAGE OF FREEPORT
Other Operating Expenses
Rate Year Ending February 29, 2020

Line	Description	Comment	2019 - 2020
1	**O&M Projected Increases**		
2	LIPA - Interconnection	Annual 4F Interconnection Charge Increase	$ 31,400.00
3			$ 31,400.00
4			
5		**Total Other Operating Expenses**	**$ 31,400.00**

Received: 08/07/2019

INCORPORATED VILLAGE OF FREEPORT
Leave Expenses
Historic Year Ended February 28, 2019

Line	Pay Type	Description		FYE2019
1	345	Holidays	$	250,938.72
2	380	Vacation	$	477,678.84
3	381	Sick	$	235,855.66
4	382	Personal	$	125,422.25
5	384	COMP Time	$	32,229.56
6	385	Authorized Leave Time	$	70,897.19
7	389	Funeral Leave	$	11,952.38
8	390	Jury Duty	$	869.17
9	391	Vacation Storm	$	1,266.04
10	393	Floating Holiday	$	23,461.44
11	915	Vacation Buy Back	$	32,354.01
12			$	1,262,925.26
13		Sick Leave Accrual	$	289,759.86
14		Vacation Leave Accrual	$	36,478.22
15		**Total Leave Expenses**	**$**	**1,589,163.34**

Received: 08/07/2019

INCORPORATED VILLAGE OF FREEPORT
Capitalization Matrix and Revenue Requirement
Rate Year Ending February 29, 2020

Line	Capitalization Items	FYE 2018	FYE 2019	Percent	Cost Rate	FYE2019 Weighted Cost
1						
2	Customer Deposits	$ 1,091,672	$ 1,117,101	1.25%	1.25%	0.02%
3	Long Term Debt	$ 46,347,640	$ 42,490,865	47.61%	3.93%	1.87%
4	Net Surplus	$ 43,205,622	$ 45,647,210	51.14%	2.50%	1.28%
5	Total Capitalization	$ 90,644,934	$ 89,255,175	100.00%		3.17%
6						
7						

Line	Calculation of Revenue Requirement		FY2020
9			
10	**Rate Base**		$ 59,367,121
11			
12	**Rate of Return**		3.17%
13			
14	**Required Return**		$ 1,879,042
15			
16	**Operating Income before Revenue Requirement**		$ 623,876
17			
18	**Deficiency**		$ 1,255,166
19			
20	**Retention Factor**		99.65%
21			
22	**Revenue Requirement**		$ 1,259,574
23			
24		**FY19 Base Revenue**	$27,408,088
25		**Percentage Increase**	4.60%
26			
27		**Prior Rate Case FY15 Base Revenue**	27,779,714
28			4.53%

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HARBOURFRONT GROUP INC.

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July 30, 2019

Freeport kWh Monthly Sales Forecast by Class for FY 2020: Methodology and Results Summary:

George Fitzpatrick of Harbourfront Group, Inc. developed the weather normalized sales by class forecast for the Fiscal Year 2020 Test Year employing the following Scope of Work:

- *Task 1.* **Develop a Freeport Electric weather normalized sales-by-class monthly database and Weather Normalization Adjustments-** this analysis utilized Harbourfront's non-linear weather normalization methodology. Sales by class by month for the historical period January 2014-December 2018 were converted into monthly kWh Use Per Customer and were segmented into two time periods: January 2014-thru December 2016 and January 2017-December 2018. Then, weather normalization multiple regression models that utilized a non-linear billing cycle-adjusted monthly average temperature, temperature squared and temperature cubed variables along with trend variable specifications which, if significant, were employed to isolate non-temperature influences. Overall, the weather normalization analysis for the Residential classes (e.g., Residential Non-Heat, Residential Water Heat, Residential Space Heat, Residential Space and Water Heat) exhibited a weighted average Adjusted R-Square of **.94** and a weighted Symmetric Mean Absolute Percentage Error of **3.93%** while the Commercial No-Demand, Commercial Demand and Commercial-Primary classes exhibited a weighted average Adjusted R-Square of **.95** and a Systemic Mean Absolute Percentage Error of **3.21%.** [1] The remaining classes are not considered weather sensitive and were not normalized for weather.

- *Task 2.* **Development of 36 month Class Use Per Customer and Sales By Class Forecasts-** Using ForecastPro's Dynamic Forecast modeling process, Fitzpatrick first tested a battery of economic variables for each class including Nassau-Suffolk Real Median Household Income, Nassau-Suffolk Households and Nassau-Suffolk Gross Metropolitan Product in various lagged and no-lag forms.

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[1] While there are a number of statistical metrics reported in the model output tabs in the Forecast workbook, two metrics summarize the goodness of fit and potential forecasting accuracy of each model and the estimated forecast accuracy that each model is likely to yield. **Adjusted R-Square** is a commonly used metric to measure the explanatory power of a model. Simply stated, the percentage (e.g., .95) indicates that 95% of the variance in the dependent variable is explained by the model, adjusted for the number of parameters in the model. **Symmetric Mean Absolute Percentage Error** (SMAPE) is a statistic used to measure within sample goodness-of-fit and out-of-sample forecast performance. This statistic is frequently used as an accuracy measure in forecasting competitions.

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Since the Village of Freeport is a mature electric service territory with no geographical area for expansion, the best short term forecast models for all classes were found to be dynamic forecast model structures employing trend variables as the independent variable drivers.

Once these use per customer models were developed, the resultant monthly forecasts by rate class were then multiplied by the monthly customer forecasts by class to yield kWh sales by class by month.[2] The following are the key forecast model's statistical results

- ***Key Res Model Statistics:*** ***Model Adjusted R-Square*** ***SMAPE***
  - ***Res Non Heat*** **.91** **3.69%**
  - ***Res WH*** ***.89*** ***3.98%***
  - ***Res SH*** ***.89*** ***10.46%***
  - ***Res All Electric*** ***.88*** ***9.33%***

- ***Key Commercial Model Statistics:*** ***Model Adjusted R-Square*** ***SMAPE***
  - ***Com Gen'l Service-No Demand*** ***.95*** ***4.9%***
  - ***Com Gen'l Service-Demand*** ***.95*** ***3.21%***
  - ***Com Gen'l Service-Primary*** ***.84*** ***4.29%***

  Note that the Street Lighting and Traffic Lights/Other classes were developed by Freeport Electric.

- ***Key Results:*** The following table shows a relatively stable in total weather normalized kWh sales patterns overall for FY 2015-FY2019 and the resultant FY 2020 Test Year forecast carries on that pattern, albeit with a slightly downward bias perhaps due to the ever increasing influence of more efficient appliances and lighting entering the customer appliance/end use inventory as more less efficient appliances and lighting are retired. Given the +/- 3.86% weighted average, the FY 2020 forecast is well within that forecast error boundary:

	FY2015	***250,407,250 kWh***
	FY2016	***250,308,657 kWh***
	FY2017	***251,764,462 kWh***
	FY2018	***250,189,563 kWh***
	FY2019	***252,236,690 kWh***
Average:		***250,981,324 kWh***
Forecast	***FY 2020***	***250,580,245 kWh***

[2] The customer forecast by month for the FY 2020 forecast is based upon the actual monthly customer counts observed, by rate class, for the FY 2019 time period (i.e., March 2018 thru February 2019). ***(See Freeport Rate Case Exhibit 4-2)***

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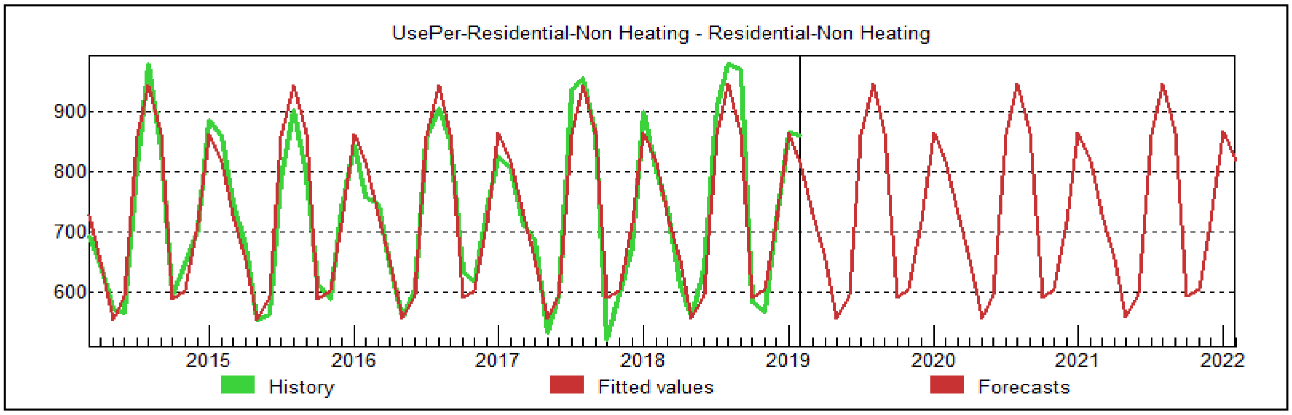
INCORPORATED VILLAGE OF FREEPORT
Rate Year Ending February 29, 2020
Residential-Non Heating



Forecast Report for UsePer-Residential-Non Heating

Description: Residential-Non Heating

Model Details

Dynamic regression
Regression(12 regressors, 0 lagged errors)

Term	Coefficient	Normalized	Elasticity	Std. Error	t-Statistic	Percentile
M1	-80.126	-0.16724	-0.009114	24.753	-3.237	0.99781
M2	-127.95	-0.26706	-0.014553	24.753	-5.1689	1
M3	-215.76	-0.45035	-0.024541	24.748	-8.7185	1
M4	-290.38	-0.60609	-0.033029	24.748	-11.733	1
M5	-388.1	-0.81006	-0.044143	24.749	-15.682	1
M6	-349.08	-0.72862	-0.039705	24.749	-14.105	1
M7	-85.115	-0.17765	-0.009681	24.75	-3.439	0.99878
M9	-81.385	-0.16987	-0.009257	24.751	-3.2882	0.99811
M10	-353.73	-0.73833	-0.040234	24.751	-14.291	1
M11	-340.8	-0.71132	-0.038763	24.752	-13.768	1
M12	-229.39	-0.47878	-0.026091	24.752	-9.2672	1
_TREND	0.46834	0.005104	1.2891	0.008679	53.965	1

Within-Sample Statistics

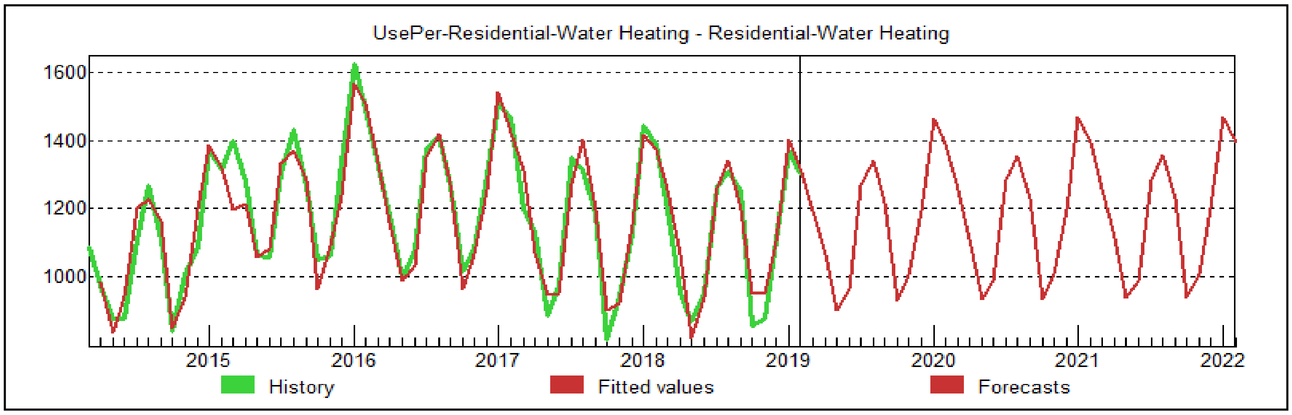
Sample size	60	No. parameters	12
Mean	732.65	Std. deviation	133.53
R-square	0.93	Adj. R-square	0.91
Durbin-Watson	1.67	Ljung-Box(18)	23.8 P=0.84
Forecast error	39.13	BIC	52.71
MAPE	3.71	SMAPE	3.7
RMSE	35	MAD	27.43
MAD/Mean Ratio	0.04		

Forecast Data

Date	2.5 Lower	Forecast	Quarterly	97.5 Upper	Stat. forecast
2019-Apr	587	655		724	655
2019-May	489	558		626	558
2019-Jun	528	597	1,810	665	597
2019-Jul	792	861		929	861
2019-Aug	877	946		1,014	946
2019-Sep	796	865	2,671	933	865
2019-Oct	524	592		661	592
2019-Nov	537	605		674	605
2019-Dec	648	717	1,914	785	717
2020-Jan	797	866		935	866
2020-Feb	750	818		887	818
2020-Mar	662	730	2,414	799	730

Received: 08/07/2019

INCORPORATED VILLAGE OF FREEPORT
Rate Year Ending February 29, 2020
Residential-Water Heating



Forecast Report for UsePer-Residential-Water Heating

Description: Residential-Water Heating

Model Details

Dynamic regression
Regression(11 regressors, 1 lagged errors)

Term	Coefficient	Normalized	Elasticity	Std. Error	t-Statistic	Percentile
M1	532.15	0.74482	0.038408	40.673	13.084	1
M2	456.06	0.63832	0.032916	40.757	11.19	1
M3	321.61	0.40633	0.01857	38.573	8.3378	1
M4	176.56	0.24711	0.012743	30.188	5.8485	1
M6	52.262	0.073148	0.003772	29.167	1.7918	0.9204
M7	348.18	0.48733	0.02513	35.077	9.9262	1
M8	418.69	0.58602	0.030219	35.074	11.937	1
M9	293.33	0.41056	0.021171	29.162	10.059	1
M11	71.859	0.10058	0.005187	29.986	2.3964	0.97941
M12	262.47	0.36737	0.018944	37.629	6.9752	1
_TREND	0.46358	0.003306	0.79621	0.017938	25.844	1
_AUTO[- 1]	0.73402			0.094933	7.732	1

Within-Sample Statistics

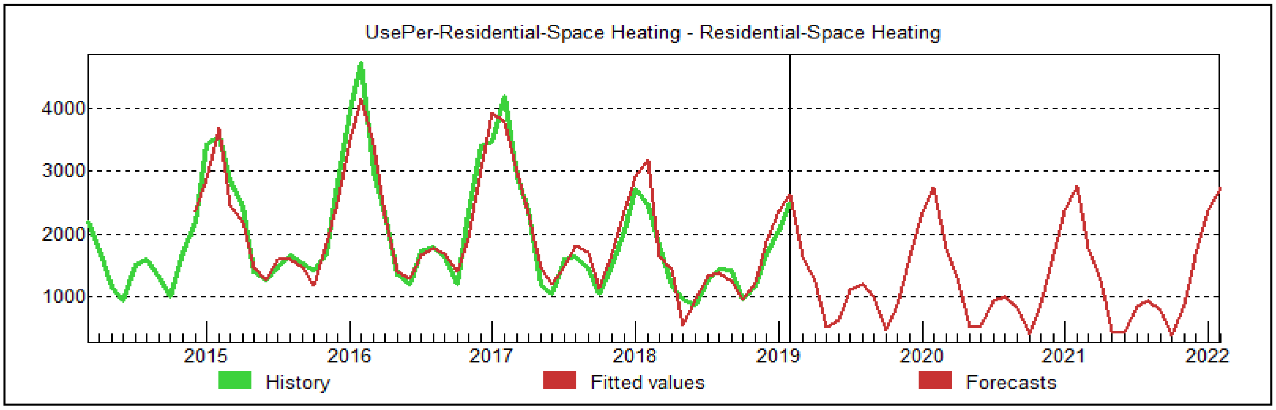
Sample size	59	No. parameters	12
Mean	1174.17	Std. deviation	200.69
R-square	0.91	Adj. R-square	0.89
Durbin-Watson	2.23	Ljung-Box(18)	26.5 P=0.91
Forecast error	65.31	BIC	88.24
MAPE	4	SMAPE	3.98
RMSE	58.29	MAD	44.91
MAD/Mean Ratio	0.04		

Forecast Data

Date	2.5 Lower	Forecast	Quarterly	97.5 Upper	Stat. forecast
2019-Apr	924	1,066		1,207	1,066
2019-May	747	902		1,056	902
2019-Jun	802	963	2,930	1,124	963
2019-Jul	1,101	1,266		1,430	1,266
2019-Aug	1,175	1,341		1,507	1,341
2019-Sep	1,052	1,220	3,827	1,387	1,220
2019-Oct	761	929		1,097	929
2019-Nov	835	1,003		1,171	1,003
2019-Dec	1,027	1,195	3,127	1,363	1,195
2020-Jan	1,298	1,466		1,634	1,466
2020-Feb	1,222	1,390		1,559	1,390
2020-Mar	1,088	1,257	4,113	1,425	1,257

Received: 08/07/2019

INCORPORATED VILLAGE OF FREEPORT
Rate Year Ending February 29, 2020
Residential-Space Heating



Forecast Report for UsePer-Residential-Space Heating

Description: Residential-Space Heating

Model Details

Dynamic regression
Regression(9 regressors, 2 lagged errors)

Term	Coefficient	Normalized	Elasticity	Std. Error	t-Statistic	Percentile
M1	1955.4	0.6366	0.094515	221.36	8.8335	1
M2	2327.9	0.75786	0.11252	219.63	10.599	1
M3	1318.6	0.38813	0.050989	208.6	6.3214	1
M4	809.94	0.2384	0.031319	162.01	4.9993	0.99999
M7	430.7	0.12677	0.016654	143.85	2.994	0.9953
M8	529.99	0.156	0.020494	163.92	3.2333	0.99755
M9	385.6	0.1135	0.01491	142.42	2.7075	0.99008
M11	477.3	0.14049	0.018456	162.04	2.9456	0.99465
M12	1255.6	0.40878	0.06069	201.82	6.2216	1
_AUTO[- 1]	0.75441			0.084549	8.9227	1
_AUTO[- 9]	0.22477			0.083029	2.7071	0.99007

Within-Sample Statistics

Sample size	51	No. parameters	11
Mean	2023.03	Std. deviation	922.49
R-square	0.91	Adj. R-square	0.89
Durbin-Watson	2.12	Ljung-Box(18)	30.6 P=0.97
Forecast error	301.51	BIC	408.04
MAPE	10.39	SMAPE	10.46
RMSE	267.02	MAD	209.02
MAD/Mean Ratio	0.1		

Forecast Data

Date	2.5 Lower	Forecast	Quarterly	97.5 Upper	Stat. forecast
2019-Apr	585	1,240		1,896	1,240
2019-May	0	528		1,248	528
2019-Jun	0	630	2,398	1,384	630
2019-Jul	349	1,122		1,895	1,122
2019-Aug	425	1,208		1,992	1,208
2019-Sep	205	994	3,324	1,784	994
2019-Oct	0	482		1,275	482
2019-Nov	83	878		1,673	878
2019-Dec	820	1,630	2,990	2,441	1,630
2020-Jan	1,498	2,335		3,172	2,335
2020-Feb	1,866	2,733		3,599	2,733
2020-Mar	872	1,766	6,833	2,660	1,766

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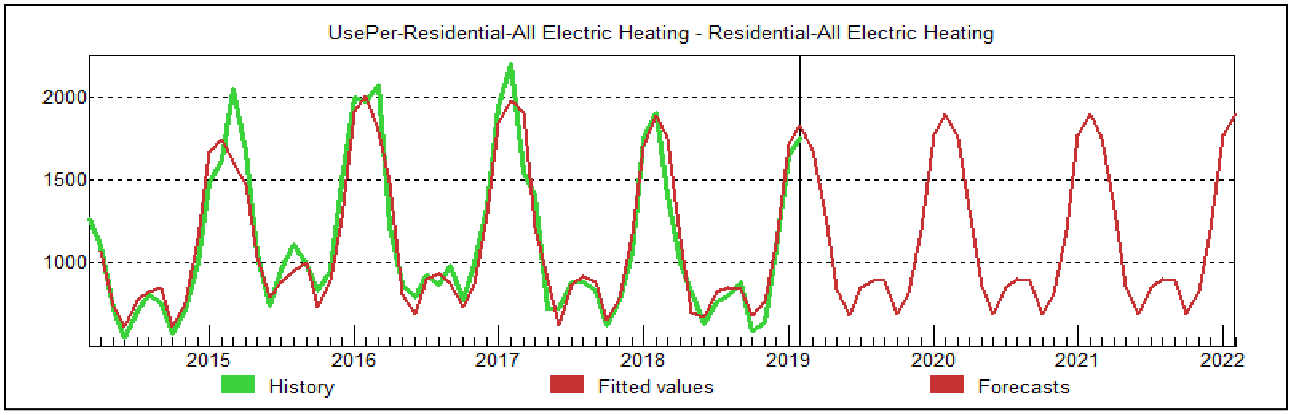
INCORPORATED VILLAGE OF FREEPORT
Rate Year Ending February 29, 2020
Residential-All Electric Heating



Forecast Report for UsePer-Residential-All Electric Heating

Description: Residential-All Electric Heating

Model Details

Dynamic regression
Regression(11 regressors, 1 lagged errors)

Term	Coefficient	Normalized	Elasticity	Std. Error	t-Statistic	Percentile
M1	1088.8	0.66193	0.082756	95.122	11.447	1
M2	1214.8	0.73849	0.092327	96.49	12.59	1
M3	1070.8	0.58762	0.065109	100.74	10.629	1
M4	638.62	0.38823	0.048538	91.251	6.9985	1
M5	170.86	0.10387	0.012986	76.27	2.2402	0.97015
M7	166.25	0.10107	0.012635	73.781	2.2533	0.97105
M8	212.82	0.12938	0.016175	82.306	2.5857	0.98712
M9	207.25	0.12599	0.015752	73.782	2.809	0.99278
M11	133.26	0.081015	0.010129	76.003	1.7534	0.91395
M12	516.05	0.31372	0.039221	90.008	5.7333	1
_TREND	0.33721	0.001045	0.60988	0.029754	11.333	1
_AUTO[- 1]	0.50992			0.11653	4.3758	0.99993

Within-Sample Statistics

Sample size	59	No. parameters	12
Mean	1115.04	Std. deviation	462.05
R-square	0.91	Adj. R-square	0.88
Durbin-Watson	2.14	Ljung-Box(18)	25.2 P=0.88
Forecast error	157.13	BIC	212.3
MAPE	9.43	SMAPE	9.33
RMSE	140.24	MAD	105.13
MAD/Mean Ratio	0.09		

Forecast Data

Date	2.5 Lower	Forecast	Quarterly	97.5 Upper	Stat. forecast
2019-Apr	975	1,284		1,592	1,284
2019-May	517	833		1,150	833
2019-Jun	353	672	2,789	990	672
2019-Jul	523	842		1,162	842
2019-Aug	572	891		1,211	891
2019-Sep	568	887	2,621	1,207	887
2019-Oct	361	680		1,000	680
2019-Nov	495	814		1,134	814
2019-Dec	877	1,197	2,691	1,517	1,197
2020-Jan	1,450	1,770		2,089	1,770
2020-Feb	1,576	1,896		2,215	1,896
2020-Mar	1,432	1,752	5,418	2,072	1,752

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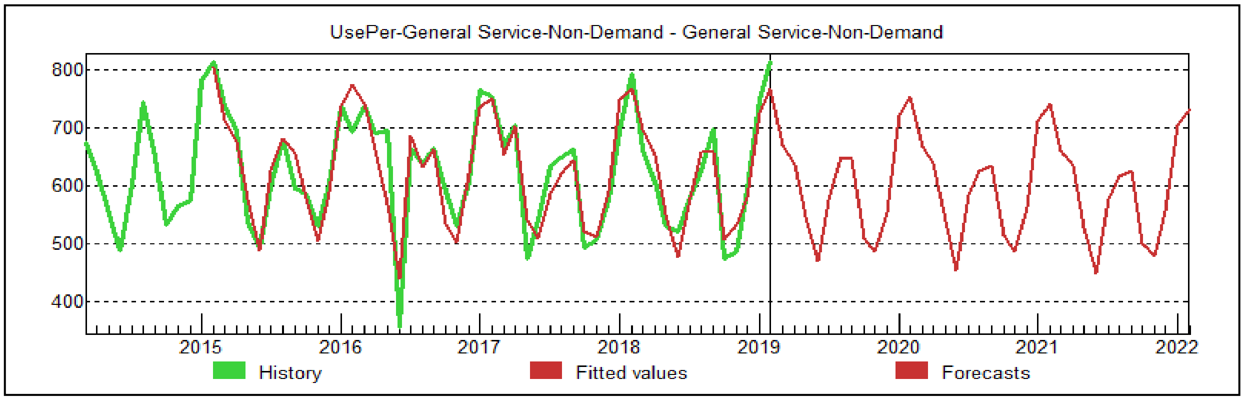
INCORPORATED VILLAGE OF FREEPORT
Rate Year Ending February 29, 2020
General Service-Non-Demand



Forecast Report for UsePer-General Service-Non-Demand

Description: General Service-Non-Demand

Model Details

Dynamic regression
Regression(14 regressors, 1 lagged errors)

Term	Coefficient	Normalized	Elasticity	Std. Error	t-Statistic	Percentile
M1	21727	59.807	2.8262	9157.1	2.3727	0.97655
M2	21811	66.372	3.5462	9162.4	2.3804	0.97696
M3	21743	59.85	2.8282	9161	2.3734	0.97658
M4	21688	59.697	2.821	9158.2	2.3681	0.97629
M5	21571	59.376	2.8058	9156.5	2.3558	0.97561
M6	21457	59.063	2.791	9151.2	2.3447	0.97498
M7	21557	59.338	2.804	9147.9	2.3565	0.97565
M8	21644	59.577	2.8153	9154.8	2.3642	0.97608
M9	21667	59.641	2.8183	9157.3	2.3661	0.97618
M10	21544	59.303	2.8023	9157.9	2.3525	0.97543
M11	21480	59.126	2.794	9151.3	2.3472	0.97512
M12	21552	59.323	2.8033	9151.7	2.3549	0.97556
UsePer-General Sei	-0.35748	-0.35326	-0.3571	0.1628	-2.1958	0.96497
_TREND	-10.299	-0.12202	-33.1	4.5234	-2.2767	0.97078
_AUTO[-10]	-0.3332			0.1645	-2.0255	0.94928

Within-Sample Statistics

Sample size	49	No. parameters	15
Mean	627.59	Std. deviation	100.5
R-square	0.85	Adj. R-square	0.79
Durbin-Watson	2.07	Ljung-Box(18)	22.6 P=0.79
Forecast error	46.15	BIC	69.74
MAPE	4.95	SMAPE	4.9
RMSE	38.44	MAD	29.17
MAD/Mean Ratio	0.05		

Forecast Data

Date	2.5 Lower	Forecast	Quarterly	97.5 Upper	Stat. forecast
2019-Apr	559	639		719	639
2019-May	466	546		627	546
2019-Jun	391	471	1,656	552	471
2019-Jul	495	575		656	575
2019-Aug	568	649		730	649
2019-Sep	565	646	1,870	727	646
2019-Oct	429	510		591	510
2019-Nov	407	487		568	487
2019-Dec	472	553	1,550	634	553
2020-Jan	638	722		807	722
2020-Feb	668	753		838	753
2020-Mar	584	669	2,144	754	669

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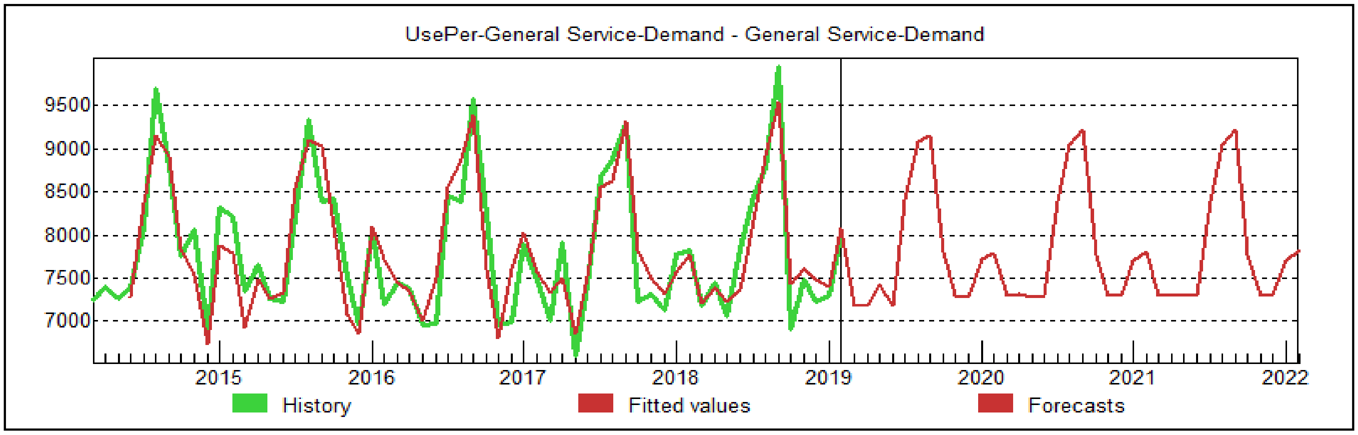
INCORPORATED VILLAGE OF FREEPORT
Rate Year Ending February 29, 2020
General Service-Demand



Forecast Report for UsePer-General Service-Demand

Description: General Service-Demand

Model Details

Dynamic regression
Regression(7 regressors, 2 lagged errors)

Term	Coefficient	Normalized	Elasticity	Std. Error	t-Statistic	Percentile
M1	405.57	0.14706	0.004546	166.24	2.4396	0.98155
M2	513.39	0.18616	0.005754	148.04	3.4679	0.99888
M7	1087.1	0.39417	0.012184	162.39	6.6942	1
M8	1747.5	0.63364	0.019586	166.1	10.521	1
M9	1910.9	0.6929	0.021418	162.78	11.739	1
M10	474.93	0.17221	0.005323	178.28	2.664	0.98952
_TREND	3.6117	0.006347	0.9307	0.027871	129.58	1
_AUTO[- 3]	0.38856			0.12191	3.1873	0.99747
_AUTO[- 1]	-0.48684			0.11713	-4.1565	0.99987

Within-Sample Statistics

Sample size	57	No. parameters	9
Mean	7826.18	Std. deviation	787.09
R-square	0.84	Adj. R-square	0.81
Durbin-Watson	1.93	Ljung-Box(18)	28.0 P=0.94
Forecast error	342.38	BIC	432.33
MAPE	3.22	SMAPE	3.21
RMSE	314.19	MAD	251.68
MAD/Mean Ratio	0.03		

Forecast Data

Date	2.5 Lower	Forecast	Quarterly	97.5 Upper	Stat. forecast
2019-Apr	6,510	7,195		7,880	7,195
2019-May	6,720	7,421		8,121	7,421
2019-Jun	6,463	7,184	21,799	7,904	7,184
2019-Jul	7,649	8,396		9,143	8,396
2019-Aug	8,321	9,084		9,846	9,084
2019-Sep	8,379	9,142	26,622	9,905	9,142
2019-Oct	7,040	7,806		8,572	7,806
2019-Nov	6,521	7,293		8,065	7,293
2019-Dec	6,498	7,271	22,371	8,045	7,271
2020-Jan	6,953	7,727		8,501	7,727
2020-Feb	7,022	7,796		8,571	7,796
2020-Mar	6,518	7,293	22,816	8,069	7,293

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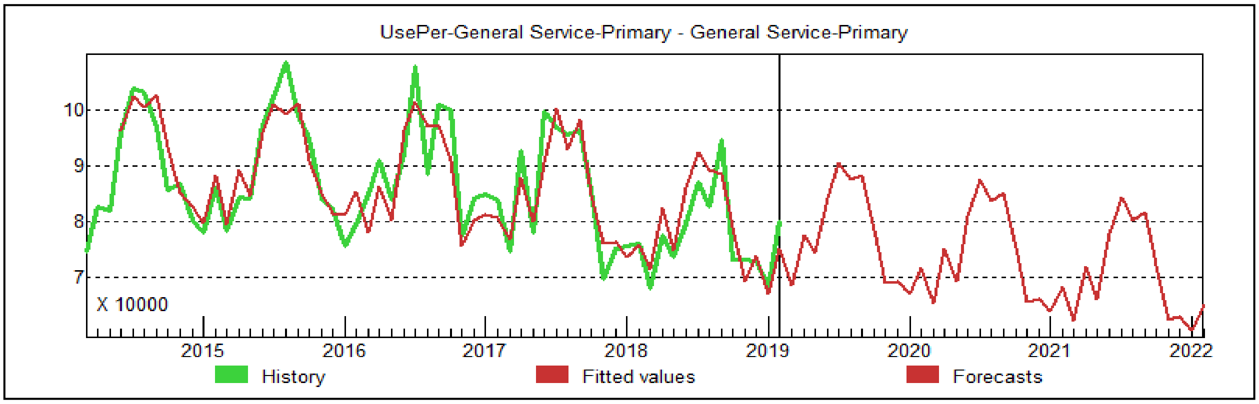
INCORPORATED VILLAGE OF FREEPORT
Rate Year Ending February 29, 2020
General Service-Primary



Forecast Report for UsePer-General Service-Primary

Description: General Service-Primary

Model Details

Dynamic regression
Regression(13 regressors, 1 lagged errors)

Term	Coefficient	Normalized	Elasticity	Std. Error	t-Statistic	Percentile
M1	6550289	177.71	6.668	1658840	3.9487	0.99971
M2	6555100	177.84	6.6729	1658905	3.9515	0.99972
M3	6549118	160.44	5.3334	1658693	3.9484	0.99971
M4	6559136	160.69	5.3416	1658750	3.9543	0.99972
M5	6553556	160.55	5.337	1658859	3.9506	0.99971
M6	6565492	178.12	6.6835	1658580	3.9585	0.99972
M7	6572388	178.31	6.6905	1658649	3.9625	0.99973
M8	6568680	178.21	6.6867	1658721	3.9601	0.99972
M9	6570402	178.26	6.6885	1658634	3.9613	0.99972
M10	6560983	178	6.6789	1658704	3.9555	0.99972
M11	6551565	177.75	6.6693	1658769	3.9497	0.99971
M12	6552360	177.77	6.6701	1658769	3.9501	0.99971
_TREND	-3209.5	-0.42201	-75.116	822.4	-3.9027	0.99967
_AUTO[- 3]	0.38187			0.1332	2.8668	0.9936

Within-Sample Statistics

Sample size	57	No. parameters	14
Mean	86171.05	Std. deviation	10519.67
R-square	0.82	Adj. R-square	0.76
Durbin-Watson	2.13	Ljung-Box(18)	46.6 P=1.00
Forecast error	5122.83	BIC	7310.39
MAPE	4.3	SMAPE	4.29
RMSE	4449.45	MAD	3718.88
MAD/Mean Ratio	0.04		

Forecast Data

Date	2.5 Lower	Forecast	Quarterly	97.5 Upper	Stat. forecast
2019-Apr	68,880	77,600		86,321	77,600
2019-May	65,716	74,436		83,157	74,436
2019-Jun	74,794	84,129	236,166	93,464	84,129
2019-Jul	81,128	90,463		99,798	90,463
2019-Aug	78,177	87,512		96,847	87,512
2019-Sep	78,791	88,212	266,188	97,633	88,212
2019-Oct	68,993	78,414		87,835	78,414
2019-Nov	59,699	69,120		78,541	69,120
2019-Dec	59,925	69,359	216,893	78,793	69,359
2020-Jan	57,544	66,978		76,411	66,978
2020-Feb	62,237	71,670		81,104	71,670
2020-Mar	55,876	65,312	203,960	74,747	65,312