

**LEBANON UTILITIES
2020 BUDGET - FINAL**

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Lebanon Electric Utility

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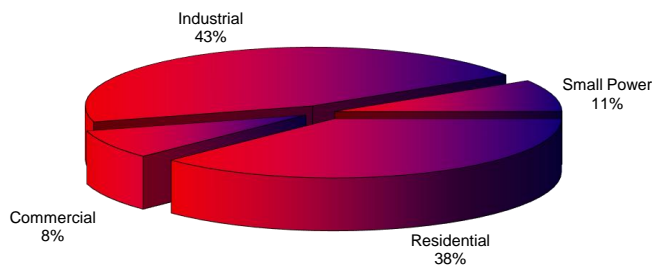
Revenues

	Actual 2018	Budget 2019	8 Months 2019	Rolling 12 Months	Proposed 2020
Operating Revenue					
Residential	8,686,662	8,821,596	5,588,290	8,322,686	8,583,509
Commercial	1,869,860	1,915,764	1,170,093	1,768,481	1,810,524
Industrial	9,924,188	9,971,206	6,766,840	10,060,359	10,384,721
Small Power	2,063,042	2,102,642	1,295,648	1,971,099	2,011,404
Street & Highway Lighting	110,735	111,874	72,704	109,932	112,522
Security Lights	56,671	58,433	35,909	54,404	55,631
Interdepartmental	115,653	119,158	79,709	113,713	119,863
Late Penalties	90,308	89,630	44,028	74,092	72,004
Total Revenue from Sales	22,917,119	23,190,303	15,053,221	22,474,766	23,150,179
Other Revenue					
Interest	24,777	26,175	14,053	21,753	21,416
Other	328,660	317,632	211,111	324,542	329,469
Total Other Revenues	353,437	343,807	225,164	346,295	350,885
Total Revenue	23,270,556	23,534,110	15,278,385	22,821,061	23,501,064

Note: A growth factor of 2% and an estimated increase of 0.75% in purchased power was used in determining the proposed 2020 revenues.
The 0.75% will be passed on to the customers via the ECA.

The 10 year planning study shows growth in the range of 1.8% to 3.5%.

Projected Operating Revenue by Rate Class



Rate Class	Number of Customers
Residential	7,846
Commercial	966
Commercial - Sm Pwr	253
Industrial - Lg Pwr	126
Municipal	65
Total	9,256

(As of 08-19)

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Revenues/Expenses

	<u>Actual 2018</u>	<u>Budget 2019</u>	<u>8 Months 2019</u>	<u>Rolling 12 Months</u>	<u>Proposed 2020</u>	
Operating Revenues						
Residential	8,686,662	8,821,596	5,588,290	8,322,686	8,583,509	(1),(2)
Commercial	1,869,860	1,915,764	1,170,093	1,768,481	1,810,524	(1),(2)
Industrial	9,924,188	9,971,206	6,766,840	10,060,359	10,384,721	(1),(2)
Small Power	2,063,042	2,102,642	1,295,648	1,971,099	2,011,404	(1),(2)
Street & Highway Lighting	110,735	111,874	72,704	109,932	112,522	(1),(2)
Security Lights	56,671	58,433	35,909	54,404	55,631	(1),(2)
Interdepartmental	115,653	119,158	79,709	113,713	119,863	(1),(2)
Late Penalties	90,308	89,630	44,028	74,092	72,004	(1),(2)
Total Operating Revenue	<u>22,917,119</u>	<u>23,190,303</u>	<u>15,053,221</u>	<u>22,474,766</u>	<u>23,150,179</u>	
Other Revenue						
Other	328,660	317,632	211,111	324,542	329,469	(3)
Total Other Revenue	<u>328,660</u>	<u>317,632</u>	<u>211,111</u>	<u>324,542</u>	<u>329,469</u>	
Total Revenue (less Interest)	<u>23,245,779</u>	<u>23,507,935</u>	<u>15,264,332</u>	<u>22,799,308</u>	<u>23,479,648</u>	
Purchased Services						
Purchased Power	17,281,403	17,564,805	11,395,883	16,952,762	17,493,987	(4)
Telephone	20,627	20,436	10,889	18,268	17,647	
Contractual Services - Testing	5,609	192,500	66,590	66,932	110,000	(5)
Contractual Services - IT	74,936	83,823	55,675	85,291	103,921	(6)
Contractual Services - Other	431,076	208,259	174,338	366,962	330,152	(7)
Accounting Fees	19,688	13,500	0	0	19,000	(8)
Engineering Fees	10,827	30,000	28,484	30,699	50,000	(9)
Legal Fees	42,022	45,131	40,246	56,166	59,433	(10)
Utilities	44,739	44,705	30,256	45,693	46,449	(11)
Total Purchased Services	<u>17,930,927</u>	<u>18,203,159</u>	<u>11,802,361</u>	<u>17,622,773</u>	<u>18,230,589</u>	
Wages & Benefits						
Operation Supervision	152,553	155,019	54,214	106,431	83,761	(12)
Engineering	88,458	101,188	45,935	71,659	75,234	(12)
Line Work	489,450	484,476	364,165	540,038	562,635	(12)
Line Locating	18,865	17,018	12,216	20,066	18,874	(12)
Mapping	2,868	3,305	28,303	29,032	43,728	(12)
Tree Trimming	0	0	0	0	0	(12)
Meter Reading	66,526	69,435	48,611	72,137	78,104	(12)
Billing	23,692	26,596	17,351	25,921	30,040	(12)
Administrative	185,449	187,067	111,427	175,797	172,155	(12)
Office Personnel	90,962	90,466	55,836	90,652	89,987	(12)
Sick/Vacation Pay	210,651	174,213	99,036	196,928	153,011	(12)
FICA Taxes	100,535	97,697	62,066	100,073	96,983	(12)
Group Insurance	446,015	454,227	214,445	357,642	324,884	(13)
Pension	136,137	185,850	118,556	130,793	177,834	(14)
Miscellaneous Payroll	65,433	44,620	10,702	47,255	16,535	(12)
Total Wages & Benefits	<u>2,077,594</u>	<u>2,091,177</u>	<u>1,242,863</u>	<u>1,964,424</u>	<u>1,923,763</u>	

**ELECTRIC UTILITY
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Revenues/Expenses (Cont.)

	Actual 2018	Budget 2019	8 Months 2019	Rolling 12 Months	Proposed 2020	
Operating Supplies & Expense						
Station Expenses	0	184	0	0	0	
Street Lights and Signals	7,572	6,196	833	4,479	2,922	
Security Lights	3,981	2,760	1,267	3,144	2,573	
Meter Expense	17,874	6,262	18,960	25,939	27,733	(15)
Meter Repair & Maintenance	516	569	15	15	519	
Tools & Equipment	21,391	27,273	8,322	13,113	13,505	
Safety Equipment	3,665	6,740	3,453	6,249	5,829	
Rents	4,397	5,606	3,885	3,885	4,953	
Maintenance of Lines	75,131	91,560	74,349	102,335	109,068	
Maintenance of Transformers	237	302	0	0	0	(16)
Maintenance of Station Equipment	8,969	17,070	2,665	3,416	3,781	
General Maintenance	31,913	34,671	15,651	24,223	24,327	(17)
Office Supplies	6,257	6,446	5,874	8,113	8,631	
Janitorial Services	17,981	17,824	11,654	17,824	18,881	
Interior Landscaping	0	177	0	0	177	
Exterior Landscaping	6,118	2,509	10,314	13,244	2,509	
Computer Equipment	4,891	7,750	745	2,019	7,285	
Software Expense	14,223	12,251	12,601	14,030	16,795	
Maintenance Agreements	52,103	73,971	49,163	51,701	71,851	(18)
Dues & Subscriptions	12,173	13,907	11,353	11,502	76,766	
Postage	1,452	1,288	700	1,355	1,227	
Insurance	76,215	77,502	73,806	74,039	75,282	
Conference & Training	41,698	43,977	32,026	57,214	52,643	
Promotion	1,343	6,211	622	1,098	3,180	
Employee Recognition	324	1,550	235	405	1,550	
Transportation	27,785	27,877	24,458	34,877	36,498	
Uniforms	17,223	16,576	11,706	15,992	17,111	
SCADA Expense	129	164	5,385	5,385	6,866	
Payment in Lieu of Taxes	164,823	180,337	117,825	164,781	189,286	
Depreciation Expense	930,336	933,809	632,252	952,255	967,346	
Amortization of Deferred Costs	(12,484)	(12,480)	(8,323)	(12,484)	(12,480)	
Gross Income Tax	336,000	332,095	151,000	330,000	331,756	(19)
Bad Debt Expense	110,460	57,976	57,976	168,436	57,875	(20)
Lease Rental Payments - Principal	70,680	72,447	72,447	72,447	74,214	(21)
Lease - Copiers/Printers	3,978	4,051	2,699	4,018	5,580	
Bank Fees - Credit Card	42,290	42,077	29,775	44,478	45,462	
Miscellaneous	66,625	81,705	34,651	67,198	60,779	
Total Operating Supplies & Expense	2,168,269	2,201,191	1,470,344	2,286,725	2,312,278	
Total Expenses	22,176,790	22,495,527	14,515,568	21,873,922	22,466,630	
Operating Income	1,068,989	1,012,408	748,764	925,386	1,013,017	
Interest						
Interest Revenue	24,777	26,175	14,053	21,753	21,416	
Interest Expense	(338,249)	(320,007)	(218,021)	(325,506)	(301,496)	(22)
Total Interest Revenue (Expense)	(313,472)	(293,832)	(203,968)	(303,753)	(280,080)	
Extraordinary Items						
Gain on Sale of Assets	0	0	0	0	0	
Loss on Sale of Assets	(960,785)	(25,000)	(10,527)	(32,987)	(24,877)	
Total Extraordinary Items	(960,785)	(25,000)	(10,527)	(32,987)	(24,877)	
Net Margin	(205,268)	693,576	534,269	588,646	708,061	

ELECTRIC UTILITY 2020 Budget - Final

Notes to Proposed Revenue and Expenses

Note	Description
(1)	A growth factor of 2% was used in determining the proposed 2020 revenues.
(2)	An estimated average increase in purchased power costs of 0.75%. This will be passed on to customers via the tracker adjustment.
(3)	This amount includes miscellaneous revenue such as pole attachments and the sale of scrap metal.
(4)	A 0.75% <u>increase</u> in purchased power costs has been estimated using estimates by IMPA. Again, this will be passed to customers via the tracker adjustment factor.
(5)	Testing includes \$45,000 for pole testing and \$65,000 for substation testing. The Pole testing is a three (3) year program. The substation testing is for North and Enterprise.
(6)	Contractual Services for IT.
(7)	Estimated amount for miscellaneous contractual services needed by the different departments. Also, includes amounts for a new billing/CRM system and \$210,000 for contracting out tree trimming.
(8)	Accounting fees include State Board of Accounts audit costs and arbitrage testing.
(9)	Includes the use of Spectrum for engineering services assistance. The services include engineering services, relay engineering, double client, civil engineering, system study confirmation, and operational and engineering insight. This amount only represents the operational portion of work to be performed.
(10)	General legal counsel.
(11)	Electric's portion of shared utility bills along with all utility bills for their individual facility.
(12)	Assumes a 3% increase.
(13)	We received a 1% increase for 2020.
(14)	Funding of the Defined Benefit Plan and the Defined Contribution Plan. No increase budgeted.
(15)	Miscellaneous meter expenses only. With the implementation of AMI all meters have been capitalized, however, endpoints or other parts may need to be replaced.
(16)	Transformer maintenance is used for refurbishments of existing transformers.
(17)	Estimated and then allowed for the usual winter contingencies.

**ELECTRIC UTILITY
2020 Budget - Final**

Notes to Proposed Revenue and Expenses (Cont.)

Note	Description
(18)	General maintenance agreements on items such as SCADATA, SCATA, Northstar, Microsoft, m-care and other misc. systems.
(19)	Utility receipts tax is equal to 1.2% of total revenues.
(20)	A bad debt allowance has been set at .25%.
(21)	Lease rental principal on municipal building.
(22)	Lease rental interest on municipal building plus interest on 2013 Revenue Bonds.

**ELECTRIC UTILITY
2020 Budget - Final
Capital Additions**

Item	Class	Description	Code	Amount	Notes
1	C	Service to New Facilities - Ongoing service extensions for new customers.	1	200,000	
2	B	Ulen Upgrade - Existing transformers are outdated and submersible which makes them unsafe to work on.	1	184,800	
3	C	System Upgrades and Improvements - Includes but is not limited to capacitors, capacitor controls, and a reclosure for 100 S and Peryworth Road.	2	150,000	
4	C	New and Replacement Transformers - Ongoing transformer purchase allotment for new units (customer driven).	2	125,000	
5	C	Electric's Portion of the IT Budget - The estimated cost to the Electric Utility for IT Functions.	2	108,848	
6	C	New & Replacement of Underground Primary Conductor - Replacement of bad underground primary wire and new URG projects.	2	100,000	
7	C	New & Replacement of Overhead Conductor - Replacement of undersized and damaged overhead conductors for better service quality.	2	100,000	
8	C	AMI - Ongoing program for replacement of meter infrastructure.	2	50,000	
9	A	SPS2 69kv Breaker - Replace 69Kv breaker at North Sub. This is a vital transmission voltage breaker to keep a continuous loop.	2	45,000	
10	D	Replace Truck #33 - Replacement of a 2007 GMC Canyon (Truck #33).	2	30,000	(a),(b)
11	D	Wire Trailer - This will be in addition to an existing trailer. This trailer will be smaller in size and easier to get in certain places.	1	30,000	(a),(b)
12	D	Electric's Portion of Administration Vehicles - Water's portion of administrative vehicle replacements in agreement with our vehicle replacement program.	1	13,950	(a),(b)
TOTAL				1,137,598	
Operational Cash Flow				428,750	
Other				708,848	
Bond				-	
TOTAL				1,137,598	

Code:	Class:	
1	Operational Cash Flow	A Must Accomplish This Year
2	Reserves	B Accomplish for Improvement of System Integrity
3	Bonding	C Ongoing Program - Accomplish for Improvement of System Integrity
4	Other	D Ongoing Program - Long Term/Short Term & Vehicles/Equipment

- Notes:**
- (a) Cost does not reflect money received from sale of old vehicle/equipment.
 - (b) Included in 10 year replacement plan.
 - (c) Cost estimates provided by engineering consultant.
 - (d) May include capitalized labor.

****These figures do not include any future or anticipated annexation.**

**ELECTRIC UTILITY
2020 Budget - Final**

Capital Projects - 5 Years Beyond Fiscal Year 2020

Item	Description	Projected 2021	Projected 2022	Projected 2023	Projected 2024	Projected 2025	Total Amount
1	Replacement Program for Overhead Deteriorated Cable On-going program to replace deteriorated cable.	100,000	300,000	300,000	250,000	250,000	1,200,000
2	System Upgrades and Improvements On-going system improvements to provide operational flexibility. Includes capacitors, capacitor controls and a reclosure for 100 S. and Perry Worth Road.	150,000	150,000	150,000	150,000	150,000	750,000
3	Service to New Facilities Install electric utility service facilities for residential, commercial and industrial customers.	110,000	120,000	144,000	163,000	200,000	737,000
4	New and Replacement Transformers Both O.H. and pad mounted types.	125,000	125,000	125,000	125,000	125,000	625,000
5	Replacement Program for Underground Deteriorated Cable On-going program to replace deteriorated cable.	100,000	75,000	75,000	60,000	50,000	360,000
6	10 Year Vehicle Replacement Program Ongoing program and includes electric's portion of multi- departmental vehicle/equipment replacement program- five of ten years.	10,850	4,167	38,333	217,250	35,000	305,600
7	AMI Replacement Program On-going program to replace old AMR Meters and upgrade to AMI and for new business.	25,000	25,000	25,000	25,000	25,000	125,000
8	IT Budget On-going program. See IT 5-year capital budget for breakdown.	15,500	15,500	6,200	0	0	37,200
Totals		<u>636,350</u>	<u>814,667</u>	<u>863,533</u>	<u>990,250</u>	<u>835,000</u>	<u>4,139,800</u>

**These figures do not include any future or anticipated annexation.

Electric Utility
Projected Cash Analysis

	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
Total Cash & Investments - Beginning of Year Not Restricted by Ordinance/Regulation	4,952,568	4,950,253	5,690,149	6,502,864	7,533,798	8,717,681
Add:						
Projected Operating Income (A)	23,479,648	24,428,225	25,415,126	26,441,897	27,510,149	28,621,559
Interest	21,416	24,751	28,451	32,514	37,669	43,588
Depreciation	967,346	986,692	1,006,426	1,026,555	1,047,086	1,068,028
Less:						
Projected Operational Expenses (B)	(22,466,630)	(23,205,782)	(23,969,253)	(24,757,841)	(25,572,374)	(26,413,705)
Bond Principal and Interest	(866,496)	(857,641)	(853,369)	(848,657)	(848,398)	(849,000)
Estimated Cash & Investments Before Capital Expenditures Not Restricted by Ordinance/Regulation	6,087,851	6,326,499	7,317,530	8,397,332	9,707,931	11,188,151
Less:						
Projected Capital Expenditures	(1,137,598)	(636,350)	(814,667)	(863,533)	(990,250)	(835,000)
Estimated Cash & Investments - End of Year Not Restricted by Ordinance/Regulation	4,950,253	5,690,149	6,502,864	7,533,798	8,717,681	10,353,151
Less: Two Months of Average Operating Income	(3,744,438)	(3,867,630)	(3,994,875)	(4,126,307)	(4,262,062)	(4,402,284)
Available Cash & Investments - End of Year Not Restricted by Ordinance/Regulation	<u>1,205,815</u>	<u>1,822,519</u>	<u>2,507,988</u>	<u>3,407,491</u>	<u>4,455,618</u>	<u>5,950,867</u>

(A) Prior year plus increase of 4.04% which is the average change in the last 10 years. Takes into account 2 highest years/2 lowest years/rate adjustments.

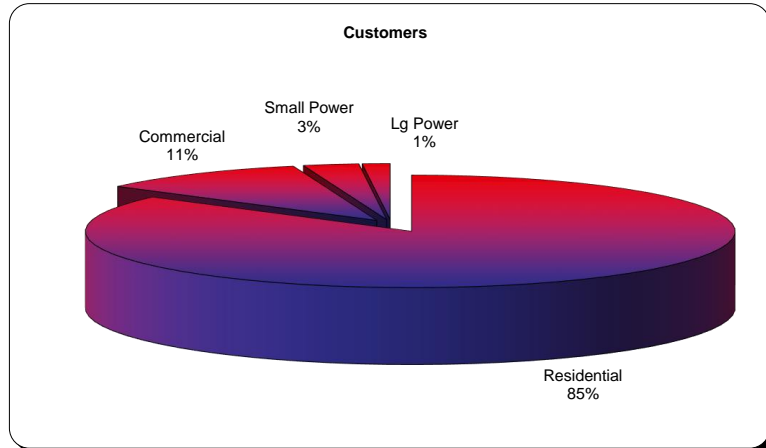
(B) Prior year plus increase of 3.29% which is the average change in the last 10 years. Takes into account 2 highest years/2 lowest years/rate adjustments.

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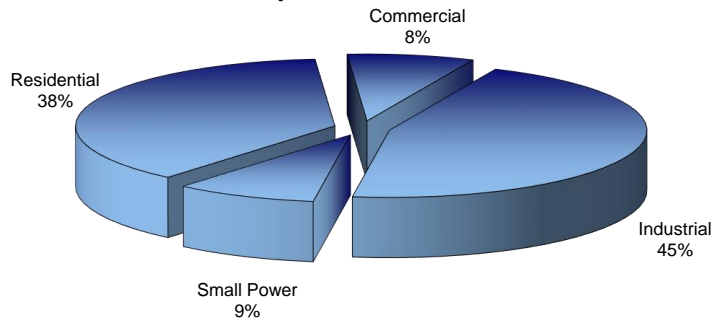
Statistics

Number of Customers

Residential	7,846
Commercial	966
Small Power	253
Lg Power	126
Municipal	65



Projected 2020 Revenue

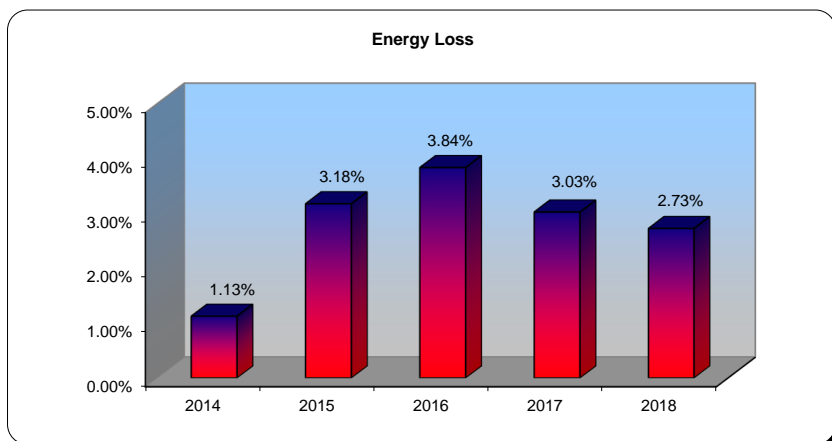


Projected 2020 Revenue

Residential	8,583,509
Commercial	1,810,524
Industrial	10,384,721
Small Power	2,011,404

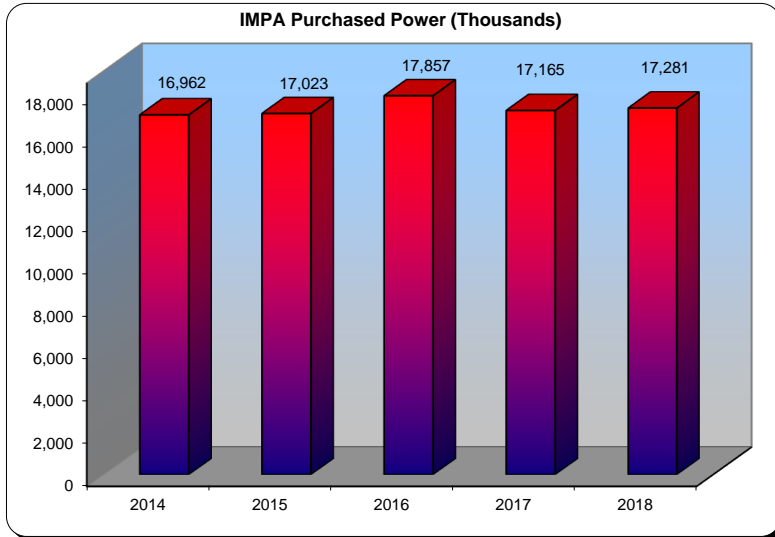
Line Loss Factor

2014	1.13%
2015	3.18%
2016	3.84%
2017	3.03%
2018	2.73%



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Statistics

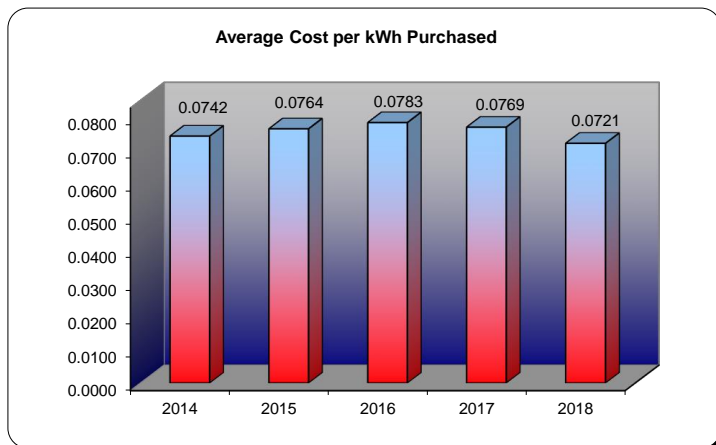
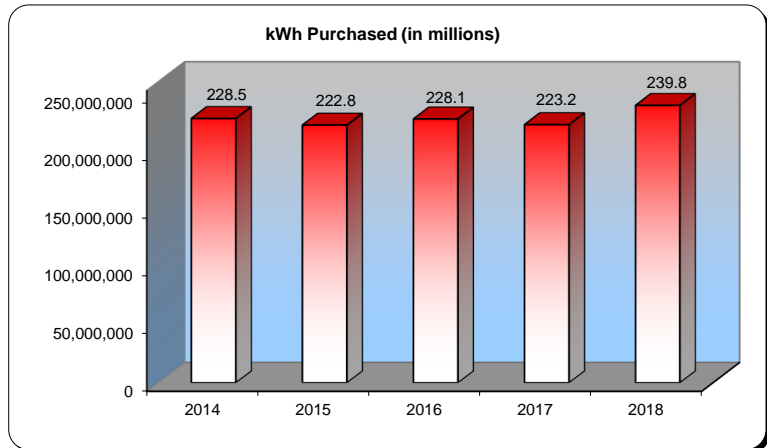


IMPA Power Bill

2014	16,962,054
2015	17,023,459
2016	17,857,037
2017	17,164,728
2018	17,281,403
**2019 Year to Date Thru Aug.	11,395,883

kWh Purchased

2014	228,499,822
2015	222,762,959
2016	228,093,436
2017	223,195,288
2018	239,805,880
**2019 Year to Date Thru Aug.	159,779,776



Average Cost per kWh Purchased

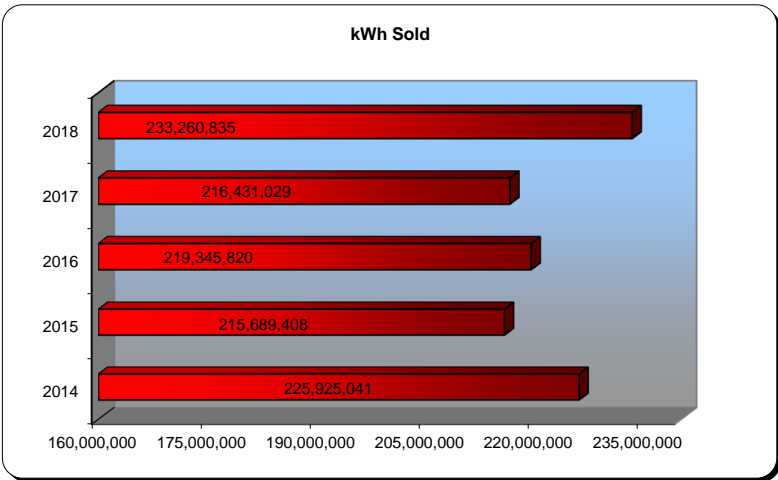
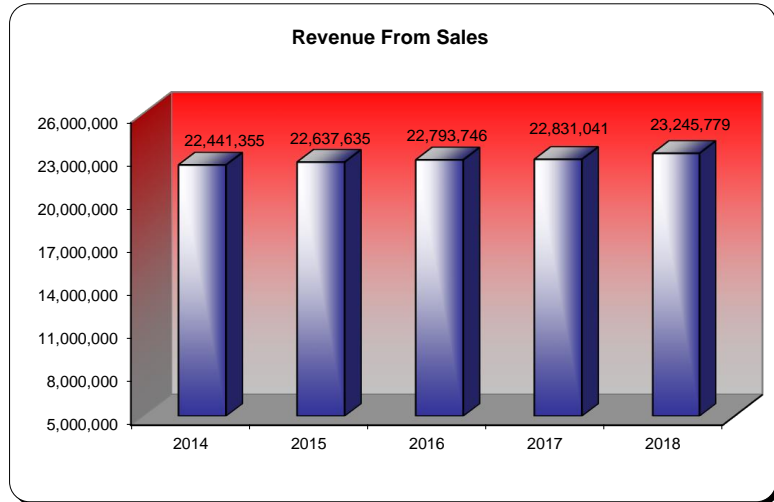
2014	0.0742
2015	0.0764
2016	0.0783
2017	0.0769
2018	0.0721
**2019 Year to Date Thru Aug.	0.0713

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Statistics

Revenue From Sales

2014	22,441,355
2015	22,637,635
2016	22,793,746
2017	22,831,041
2018	23,245,779
**2019 Year to Date Thru Aug.	15,264,332

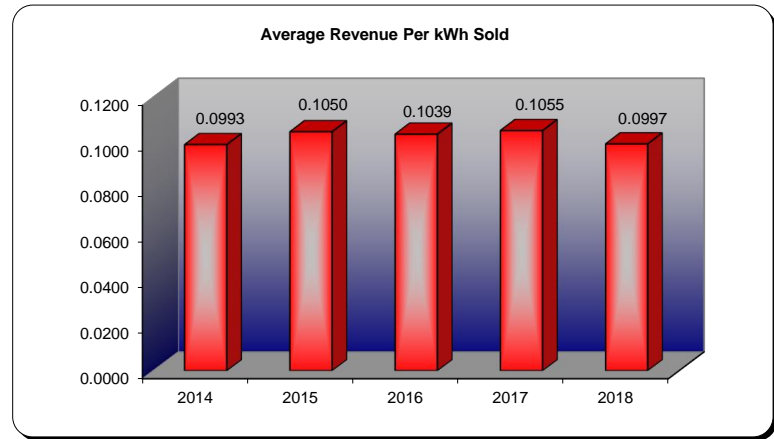


Kilowatt Hours Sold

2014	225,925,041
2015	215,689,408
2016	219,345,820
2017	216,431,029
2018	233,260,835
**2019 Year to Date Thru Aug.	154,153,503

Average Revenue per kWh Sold

2014	0.0993
2015	0.1050
2016	0.1039
2017	0.1055
2018	0.0997
**2019 Year to Date Thru Aug.	0.0990



Lebanon Water Utility

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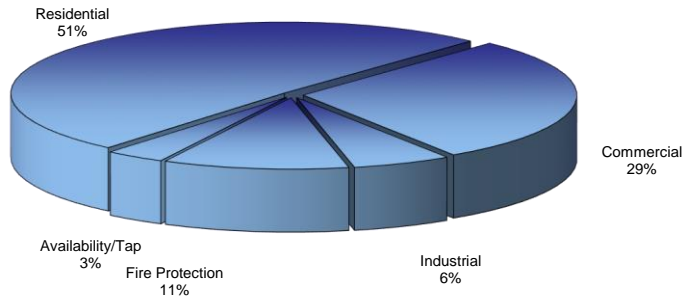
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Revenues

Revenues					
	<u>Actual 2018</u>	<u>Budget 2019</u>	<u>8 Months 2019</u>	<u>Rolling 12 Months</u>	<u>Proposed 2020</u>
Operating Revenue					
Residential	1,778,530	1,922,629	1,345,047	1,956,323	2,205,511
Commercial	890,820	931,074	773,757	1,094,134	1,251,397
Industrial	205,891	229,153	156,245	222,425	253,520
Fire Protection	380,609	407,765	289,545	423,364	476,013
Availability Fees	335,000	153,000	629,000	941,000	153,000
Rent	10,095	8,364	6,996	11,740	11,339
Late Penalties	15,326	16,569	10,560	15,801	17,561
Total Revenue from Sales	<u>3,616,271</u>	<u>3,668,554</u>	<u>3,211,150</u>	<u>4,664,787</u>	<u>4,368,341</u>
Other Revenue					
Interest	11,960	12,808	7,977	11,899	12,171
Other	89,875	640,368	565,597	578,842	77,891
Total Other Revenues	<u>101,835</u>	<u>653,176</u>	<u>573,574</u>	<u>590,741</u>	<u>90,062</u>
Total Revenue	<u><u>3,718,106</u></u>	<u><u>4,321,730</u></u>	<u><u>3,784,724</u></u>	<u><u>5,255,528</u></u>	<u><u>4,458,403</u></u>

Note: A growth factor of 2% for residential, commercial and industrial was used in determining the proposed 2020 revenues.
A rate increase of approx. 9% was also used.

Projected Operating Revenue by Rate Class



<u>Rate Class</u>	<u>Number of Customers</u>
Residential	5,874
Commercial	863
Industrial	70
Municipal	12
Total	<u><u>6,819</u></u>

(As of 08/19)

WATER UTILITY 2020 Budget - Final

Revenues/Expenses

	<u>Actual 2018</u>	<u>Budget 2019</u>	<u>8 Months 2019</u>	<u>Rolling 12 Months</u>	<u>Proposed 2020</u>	
Operating Revenues						
Residential	1,778,530	1,922,629	1,345,047	1,956,323	2,205,511	(1)
Commercial	890,820	931,074	773,757	1,094,134	1,251,397	(1)
Industrial	205,891	229,153	156,245	222,425	253,520	(1)
Fire Protection	380,609	407,765	289,545	423,364	476,013	(1)
Availability Fees	335,000	153,000	629,000	941,000	153,000	(1)
Rent	10,095	8,364	6,996	11,740	11,339	(1)
Late Penalties	15,326	16,569	10,560	15,801	17,561	(1)
Total Operating Revenue	<u>3,616,271</u>	<u>3,668,554</u>	<u>3,211,150</u>	<u>4,664,787</u>	<u>4,368,341</u>	
Other Revenue						
Other	89,875	640,368	565,597	578,842	77,891	
Total Other Revenue	<u>89,875</u>	<u>640,368</u>	<u>565,597</u>	<u>578,842</u>	<u>77,891</u>	
Total Revenue (less Interest)	<u>3,706,146</u>	<u>4,308,922</u>	<u>3,776,747</u>	<u>5,243,629</u>	<u>4,446,232</u>	
Purchased Services						
Engineering Fees	59,999	75,000	14,533	8,318	37,250	
Accounting Fees	23,560	10,000	0	987	19,000	(2)
Legal Fees	32,318	25,555	42,028	59,609	62,552	
Contractual Services - Testing	13,160	14,071	4,480	9,140	8,089	(3)
Contractual Services - IT	74,936	83,823	51,424	81,040	100,772	
Contractual Services - Other	117,966	259,459	28,876	60,313	200,152	(3)
Telephone Expense	17,375	16,246	9,173	15,930	14,035	
Utilities	148,560	162,242	111,857	157,440	165,865	
Total Purchased Services	<u>487,874</u>	<u>646,395</u>	<u>262,371</u>	<u>392,777</u>	<u>607,714</u>	
Wages & Benefits						
Salaries WT	172,107	165,704	109,145	176,589	172,629	(4)
Salaries WD	255,003	247,716	117,294	215,199	186,219	(4)
Meter Reading	72,222	71,362	51,169	79,144	82,056	(4)
Billing Salaries	23,035	25,983	16,825	25,135	29,228	(4)
Administrative Salaries	260,582	260,383	132,326	224,375	204,444	(4)
Office Salaries	112,945	111,113	67,985	111,420	108,757	(4)
Line Locating	30,623	21,401	12,241	29,012	18,912	(4)
Sick/Vacation Leave	164,225	135,022	92,503	169,335	142,917	(4)
FICA Taxes	78,254	74,166	46,325	77,070	72,337	(4)
Pension	97,240	153,755	103,389	98,126	155,084	(5)
Group Insurance	364,265	368,661	210,746	329,237	319,280	(6)
Total Wages & Benefits	<u>1,630,501</u>	<u>1,635,267</u>	<u>959,948</u>	<u>1,534,642</u>	<u>1,491,863</u>	

**WATER UTILITY
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Revenues/Expenses (Cont.)

	<u>Actual 2018</u>	<u>Budget 2019</u>	<u>8 Months 2019</u>	<u>Rolling 12 Months</u>	<u>Proposed 2020</u>
Operating Supplies & Expense					
Chemicals	54,423	49,289	30,338	53,163	50,322
Materials & Supplies	33,997	35,878	13,517	24,878	23,028
Meter Expense	13,140	14,699	27,623	28,815	35,827
Meter Repair & Maintenance	250	697	5,637	5,637	7,187
Office Supplies	10,216	12,989	6,607	8,600	9,940
Janitorial Services	4,731	4,824	3,154	4,824	5,881
Interior Landscaping	0	177	0	0	177
Exterior Landscaping	2,200	2,509	1,505	2,480	2,509
Sand / Gravel / Pavement	11,316	10,294	6,283	9,949	9,880
SCADA Expense	857	1,093	0	0	0
Safety Equipment	458	311	0	458	234
Miscellaneous Equipment	12	1,116	244	244	762
Tools	11,978	12,072	2,293	5,161	4,386
Transportation	22,437	22,364	13,670	21,983	21,669
Insurance	72,210	73,654	77,784	78,017	79,577
Regulatory Expense	4,440	7,224	4,440	4,440	5,661
Well Expense	3,125	2,624	0	3,125	1,594
Dues & Subscriptions	3,115	8,507	5,644	4,748	62,366
Promotional Expense	1,343	6,210	622	1,098	3,180
Employee Recognition	374	1,550	650	820	1,550
Bad Debt Expense	15,823	9,171	9,171	24,994	10,921 (7)
Postage	1,582	1,443	795	1,477	1,361
Conferences & Training	22,691	23,077	15,778	26,345	22,243
Uniforms - Cleaning	13,503	11,656	8,862	15,240	14,552
General Maintenance	45,801	55,916	16,921	23,772	25,068
Computer Equipment	4,581	7,750	120	1,101	7,285
Software Expense	7,604	12,251	11,986	13,085	15,843
Maintenance Agreements	31,647	54,042	31,266	29,280	46,725
Payment in Lieu of Taxes	146,038	145,625	106,029	156,384	160,868
Depreciation	406,129	407,233	297,004	436,274	449,708
Gross Income Tax	43,500	51,707	22,000	46,500	53,355
Lease Rental Payments - Principal	70,680	72,447	72,447	72,447	74,214 (8)
Lease - Copiers/Printers	3,978	4,051	2,637	3,956	5,580
Bank Fees - Credit Card	41,008	40,800	28,873	43,130	44,084
Miscellaneous	21,123	23,094	3,172	11,957	10,091
Total Operating Supplies & Expense	<u>1,126,310</u>	<u>1,188,344</u>	<u>827,072</u>	<u>1,164,382</u>	<u>1,267,629</u>
Total Expenses	<u>3,244,685</u>	<u>3,470,007</u>	<u>2,049,391</u>	<u>3,091,801</u>	<u>3,367,206</u>
Operating Income	<u>461,461</u>	<u>838,916</u>	<u>1,727,356</u>	<u>2,151,828</u>	<u>1,079,026</u>
Interest					
Interest Revenue	11,960	12,808	7,977	11,899	12,171
Interest Expense	(11,624)	(319,882)	(161,917)	(161,917)	(74,606) (9)
Total Interest Revenue (Expense)	<u>336</u>	<u>(307,074)</u>	<u>(153,940)</u>	<u>(150,018)</u>	<u>(62,435)</u>
Extraordinary Items					
Gain on Sale of Assets	0	0	0	0	0
Loss on Sale of Assets	(5,729)	(5,744)	0	(1,224)	(624)
Total Extraordinary Items	<u>(5,729)</u>	<u>(5,744)</u>	<u>0</u>	<u>(1,224)</u>	<u>(624)</u>
Net Margin	<u>456,068</u>	<u>526,098</u>	<u>1,573,416</u>	<u>2,000,586</u>	<u>1,015,967</u>

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Notes to Proposed Revenue and Expenses

<u>Note</u>	<u>Description</u>
(1)	An overall growth factor of 2% was used in determining the proposed 2020 revenues. Also, a rate adjustment of approx. 9% will go into affect January 1, 2021.
(2)	The only projected accounting fees are for the cost of the State Board of Accounts annual audit.
(3)	Estimated amount for miscellaneous contractual services needed by the different departments. Also, includes \$100,000 for clean-up of Iron Slurry.
(4)	Assumes a 3% increase.
(5)	Funding of the Defined Benefit Plan and the Defined Contribution Plan. No change budgeted.
(6)	We received a 1% increase for 2020.
(7)	A bad debt allowance has been set at .25%.
(8)	Lease rental principal on municipal building.
(9)	Lease rental interest on municipal building plus miscellaneous interest deductions.

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Capital Additions

Item	Class	Description	Code	Amount	Notes
1	B	Syracuse Drive - Replacing the water main along Syracuse Drive. 3,100' of 6" main and 700' of 2" main.	2	1,250,000	
2	B	Williams Street Bridge Reroute - Bridge will be reconstructed, existing waterline resides in the ridge deck.	2	150,000	
3	C	Facility Rehab and Other Projects - Miscellaneous improvements as deemed necessary.	2	150,000	
4	A	Water Tower Asset Management Program - A program to bring both towers in compliance with OSHA and AWWA.	1	125,000	
5	C	Well Improvement and Rehab - Program to maintain and clean wells.	2	120,000	
6	C	Water's Portion of the IT Budget - The estimated cost to the Water Utility for IT Functions.	2	108,848	
7	C	Hydrant & Valve Rehab Work - Program to repair or replace hydrants and valves as needed in the system.	2	100,000	
8	D	Case Backhoe - 2019 - This will replace two existing backhoes (2004 John Deere and 2006 Case).	1	89,500	(a),(b)
9	C	Equipment Repair & Replacement - Misc. repairs for equipment replacement.	2	40,000	
10	D	Water Operations Vehicle - This vehicle will be a four door truck for the Water Operations Manager.	1	30,000	(a),(b)
11	C	Automated Meter Infrastructure - Annual amount for meter replacements as needed.	2	30,000	
12	A	24" Valve for the 24" Water Main - Replacement Valve to have on-site for emergency.	2	22,000	
13	D	Water's Portion of Administration Vehicles - Water's portion of administrative vehicle replacements in agreement with our vehicle replacement program.	2	13,950	(a),(b)
14	B	Chlorine Cylinder Scales (4) - Replacement of 20+ year old scales that can no longer be calibrated.	2	11,000	
15	D	Mower - New zero turn mower for the Chicago Treatment Plant.	2	6,500	(a),(b)
TOTAL				<u>2,246,798</u>	
Operational Cash Flow				244,500	
Bond Funds				-	
Other				<u>2,002,298</u>	
TOTAL				<u><u>2,246,798</u></u>	

Code:

Class:

1	Operational Cash Flow	A	Must Accomplish This Year
2	Reserves	B	Accomplish for Improvement of System Integrity
3	Bonding	C	Ongoing Program - Accomplish for Improvement of System Integrity
4	Other	D	Ongoing Program - Long Term/Short Term & Vehicles/Equipment

Notes:

- (a) Cost does not reflect money received from sale of old vehicle/equipment.
- (b) Included in 10 year replacement plan.
- (c) Cost estimates provided by engineering consultant.
- (d) May include capitalized labor.

****These figures do not include any future or anticipated annexation.**

**WATER UTILITY
2020 Budget - Final**

Capital Projects - 5 Years Beyond Fiscal Year 2020

Item	Description	Projected 2021	Projected 2022	Projected 2023	Projected 2024	Projected 2025	Total Amount
1	Water Main Loop - Elizaville and John Bart 24" water main to loop east side of system.	0	0	0	2,955,000 (SRF)	0	2,955,000 (SRF)
2	Indianapolis Avenue - Phase III 16" waterline from Spencer Ave. to Busby.	2,405,000 (SRF)	0	0	0	0	2,405,000 (SRF)
3	Connection to WU Capital Recovery and Phase I.	0	0	2,155,000 (SRF)	0	0	2,155,000 (SRF)
4	Water Main Loop - Edwards to SR39 12" water main to loop business park.	0	1,270,000 (SRF)	0	0	0	1,270,000 (SRF)
5	Water Tower Asset Management Program A program to bring both towers in compliance with OSHA and AWWA.	125,000	125,000	210,000	210,000	210,000	880,000 (SRF)
6	Grant Street - Foridice to Prairie Creek 8" water main upgrade.	0	755,000 (SRF)	0	0	0	755,000 (SRF)
7	Facility Rehab and Other Projects Miscellaneous improvements as deemed necessary by staff.	150,000	150,000	150,000	150,000	150,000	750,000
8	Green Street Water main replacement on Green St. from East to Noble.	0	465,000 (SRF)	0	0	0	465,000 (SRF)
9	Equipment Repair & Replacement Miscellaneous repairs and replacement.	80,000	80,000	80,000	80,000	80,000	400,000
10	Well Improvement Program Program to maintain and clean wells. We have 10 active wells and work on two wells per year.	70,000	70,000	70,000	70,000	70,000	350,000
11	5 Year Vehicle/Mower Replacement Program Ongoing program including support departments, IT, Meter Engineering	49,350	4,167	85,833	81,000	60,000	280,350
12	AMI Replacement Program Ongoing Program for AMR/AMI System	30,000	30,000	30,000	30,000	30,000	150,000
13	Hydrant & Valve Replacement Program Program to replace the bourbon and old hydrants.	20,000	20,000	20,000	20,000	20,000	100,000
14	IT Budget See IT capital budget for breakdown.	15,500	15,500	6,200	0	0	37,200
Total		<u>2,944,850</u>	<u>2,984,667</u>	<u>2,807,033</u>	<u>3,596,000</u>	<u>620,000</u>	<u>12,952,550</u>

**These figures do not include any future or anticipated annexation.

Water Utility
Projected Cash Analysis

	2020	2021	2022	2023	2024	2025
Total Cash & Investments - Beginning of Year Not Restricted by Ordinance/Regulation	3,421,541	2,502,142	3,379,867	4,368,283	4,926,251	5,109,284
Add:						
Projected Operating Income (A)	4,446,232	4,840,577	5,269,898	5,263,574	5,257,258	5,250,949
Interest	12,171	12,511	16,899	21,841	24,631	25,546
Bond Proceeds	-	2,405,000	2,490,000	2,155,000	2,955,000	-
Repayment from the Wastewater Utility - Availability	-	-	-	-	-	-
Depreciation	449,708	458,702	467,876	477,234	486,778	496,514
Less:						
Projected Operational Expenses (B)	(3,367,206)	(3,533,209)	(3,707,396)	(3,890,171)	(4,081,957)	(4,283,197)
Bond Principal and Interest	(205,410)	(354,740)	(559,800)	(660,020)	(862,180)	(1,070,240)
Lease Interest Expense	(8,096)	(6,266)	(4,394)	(2,457)	(498)	-
Estimated Cash & Investments Before Capital Expenditures Not Restricted by Ordinance/Regulation	4,748,940	6,324,717	7,352,950	7,733,284	8,705,284	5,528,856
Less:						
Projected Capital Expenditures	(2,246,798)	(2,944,850)	(2,984,667)	(2,807,033)	(3,596,000)	(620,000)
Estimated Cash & Investments - End of Year Not Restricted by Ordinance/Regulation	2,502,142	3,379,867	4,368,283	4,926,251	5,109,284	4,908,856
Less: Two Months of Average Operation Expense	(561,201)	(588,868)	(617,899)	(648,362)	(680,326)	(713,866)
Available Cash & Investments - End of Year Not Restricted by Ordinance/Regulation	<u>1,940,941</u>	<u>2,790,999</u>	<u>3,750,384</u>	<u>4,277,889</u>	<u>4,428,958</u>	<u>4,194,990</u>

(A) Prior year plus decrease of 0.12% which is the average change in the last 10 years (taking out availability fees). Takes into account 2 highest years/2 lowest years/rate adjustments. Also factored in a 9% rate increase in 21 and 22.

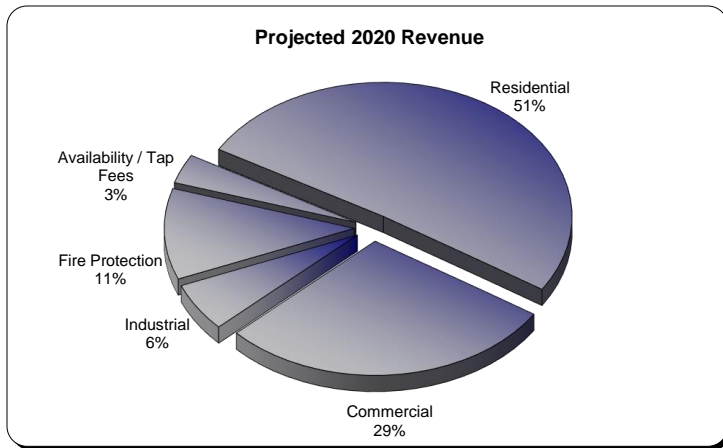
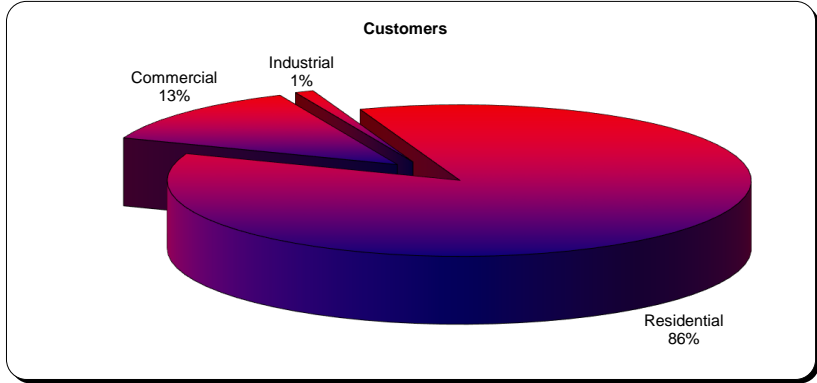
(B) Prior year plus increase of 4.93% which is the average change in the last 10 years. Takes into account 2 highest years/2 lowest years/rate adjustments.

WATER UTILITY 2020 Budget - Final

Statistics

Number of Customers

Residential	5,874
Commercial	863
Industrial	70
Municipal	12



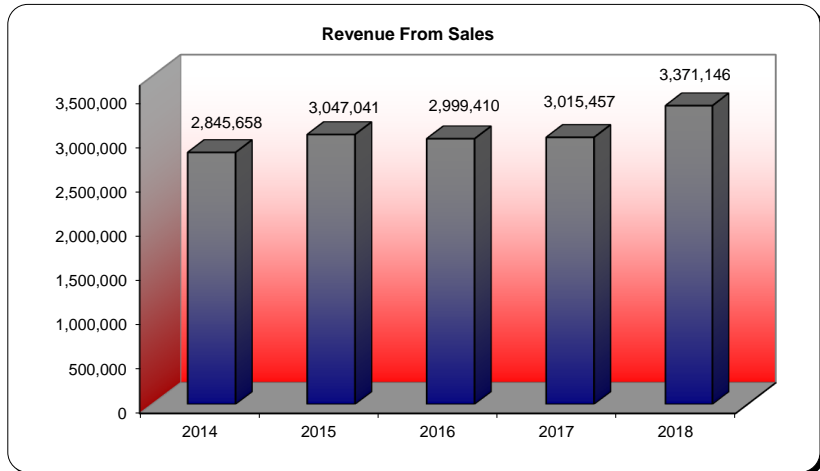
Projected 2020 Revenue

Residential	2,205,511
Commercial	1,251,397
Industrial	253,520
Fire Protection	476,013
Availability / Tap Fees	153,000

Revenue From Sales

2014	2,845,658
2015	3,047,041
2016	2,999,410
2017	3,015,457
2018	3,371,146
**2019 Year to Date Thru Aug.	3,147,747

***Does not include Availability Fees



WATER UTILITY 2020 Budget - Final

Statistics

Gallons Pumped (Series 1)

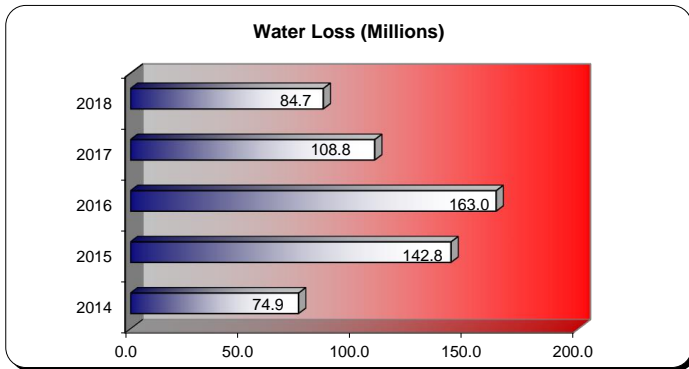
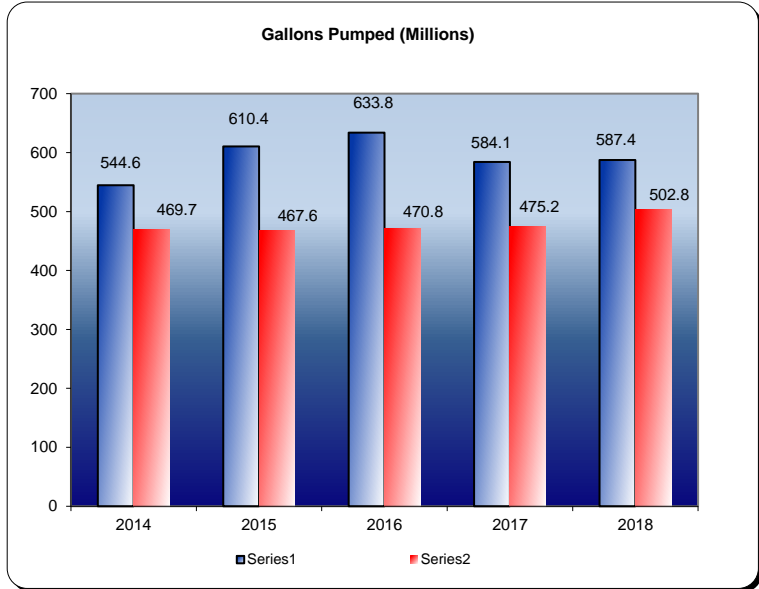
2014	544,567,000
2015	610,432,000
2016	633,820,000
2017	584,075,000
2018	587,420,000
**2019 Year to Date Thru Aug.	410,374,000

Gallons Sold (Series 2)

2014	469,658,515 *
2015	467,628,601 *
2016	470,805,471 *
2017	475,208,362 *
2018	502,758,229 *
**2019 Year to Date Thru Aug.	360,937,556 *

Yearly Backflush

Add *	10,200,000
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Water Loss (Millions)

2014	74,908,485
2015	142,803,399
2016	163,014,529
2017	108,866,638
2018	84,661,771
**2019 Year to Date Thru Aug.	49,436,444

Lebanon Wastewater Utility

2020 Budget - Final

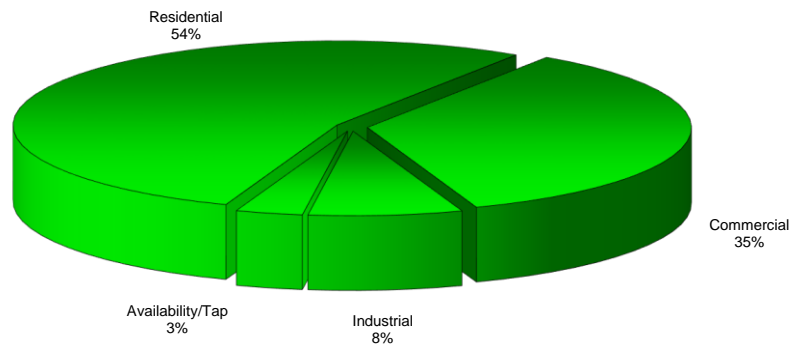
WASTEWATER UTILITY 2020 Budget - Final

Revenues

	<u>Actual 2018</u>	<u>Budget 2019</u>	<u>8 Months 2019</u>	<u>Rolling 12 Months</u>	<u>Proposed 2020</u>
Operating Revenue					
Residential	2,843,426	2,917,999	1,606,800	2,833,824	2,901,753
Commercial	1,659,667	1,623,372	858,412	1,840,446	1,899,459
Industrial	418,584	438,471	241,715	401,881	413,573
Availability Fees	448,900	180,000	48,392	955,500	180,000
Tap Fees	0	80,928	467	494,482	160,931
Inspection Fees	3,900	4,475	3,250	4,862	5,396
Late Penalties	77,611	78,479	46,618	77,675	78,875
Total Revenue from Sales	<u>5,452,088</u>	<u>5,323,725</u>	<u>2,805,654</u>	<u>6,608,670</u>	<u>5,639,987</u>
Other Revenue					
Other	315,511	90,738	29,592	39,207	42,633
Interest	17,526	12,575	19,421	27,701	26,413
Total Other Revenues	<u>333,037</u>	<u>103,313</u>	<u>49,013</u>	<u>66,908</u>	<u>69,046</u>
Total Revenue	<u>5,785,125</u>	<u>5,427,038</u>	<u>2,854,667</u>	<u>6,675,578</u>	<u>5,709,033</u>

Note: A growth factor of 2% for residential, commercial and industrial was used in determining the proposed 2020 revenues.

Projected Revenue by Rate Class



<u>Rate Class</u>	<u>Number of Customers</u>
Residential	5,705
Commercial	835
Industrial	72
Total	<u>6,612</u>

(As of 08/19)

WASTEWATER UTILITY
2020 Budget - Final

Revenues/Expenses

	Actual 2018	Budget 2019	8 Months 2019	Rolling 12 Months	Proposed 2020	
Operating Revenues						
Residential	2,843,426	2,917,999	1,903,925	2,833,824	2,901,753	(1)
Commercial	1,659,667	1,623,372	1,255,989	1,840,446	1,899,459	(1)
Industrial	418,584	438,471	272,698	401,881	413,573	(1)
Availability Fees	448,900	180,000	508,350	955,500	180,000	(1)
Surcharges	0	80,928	359,074	494,482	160,931	(1)
Inspection Fees	3,900	4,475	3,812	4,862	5,396	(1)
Late Penalties	77,611	78,479	51,321	77,675	78,875	(1)
Total Operating Revenues	5,452,088	5,323,725	4,355,169	6,608,670	5,639,987	
Other Revenues						
Other	315,511	90,738	29,592	39,207	42,633	
Total Other Revenue	315,511	90,738	29,592	39,207	42,633	
Total Revenue (less Interest)	5,767,599	5,414,463	4,384,761	6,647,877	5,682,620	
Purchased Services						
Engineering Fees	117,340	130,000	42,256	85,332	82,250	(2)
Accounting Fees	22,329	13,500	0	(4,183)	19,000	(3)
Legal Fees	29,858	21,998	21,517	38,972	36,336	
Contractual Services - Sludge Removal	213,224	130,000	74,333	105,828	99,200	
Contractual Services - IT	74,936	83,823	51,424	81,040	100,772	
Contractual Services - Other	115,231	128,259	62,059	93,813	195,152	(4)
Telephone Expense	18,544	17,526	11,541	18,794	18,414	
Utilities	291,557	287,054	220,724	324,799	334,501	
Total Purchased Services	883,019	812,159	483,854	744,395	885,625	
Wages & Benefits						
Salaries WWC	185,365	183,461	126,528	196,384	200,486	(5)
Salaries WWT	201,545	198,589	141,094	217,339	222,990	(5)
Meter Reading	63,586	65,345	48,309	71,542	77,637	(5)
Line Locating	16,890	16,057	11,464	17,961	17,712	(5)
Mapping	2,798	3,790	1,271	1,616	1,964	(5)
Billing Salaries	23,035	25,983	16,825	25,135	29,228	(5)
Laboratory Salaries	55,490	56,403	36,144	55,127	55,842	(5)
Administrative Salaries	260,582	260,383	132,435	224,484	204,612	(5)
Office Salaries	113,694	112,117	68,050	111,584	108,857	(5)
Vacation/Sick Leave	178,530	137,120	89,885	179,664	138,872	(5)
FICA Taxes	78,932	75,969	49,800	80,056	77,706	(5)
Pension	136,759	165,798	113,568	139,795	170,352	(6)
Group Insurance	405,785	410,315	223,914	356,156	339,230	(7)
Total Wages & Benefits	1,722,991	1,711,332	1,059,287	1,676,843	1,645,488	

**WASTEWATER UTILITY
2020 Budget**

Revenues/Expenses (Cont.)

	<u>Actual 2018</u>	<u>Budget 2019</u>	<u>8 Months 2019</u>	<u>Rolling 12 Months</u>	<u>Proposed 2020</u>
Operating Supplies & Expense					
Chemicals	136,272	110,000	108,707	164,285	166,946
Materials & Supplies	2,995	6,948	151	1,281	769
Lab	11,926	13,193	13,841	16,636	19,073
Liftstations	22,607	17,029	16,637	27,671	26,840
Office Supplies	11,570	14,288	7,094	9,977	11,015
Janitorial Services	4,731	4,824	3,154	4,824	5,881
Interior Landscaping	0	177	0	0	177
Exterior Landscaping	2,164	2,509	1,505	2,480	2,509
Meter Expense	1,193	11	30,832	32,025	39,919
Safety Equipment	403	233	0	403	206
SCADA Equipment	4,593	8,056	6,282	6,963	8,357
Sand / Gravel / Pavement	1,122	1,082	92	530	341
Miscellaneous Equipment	165	1,326	256	256	15,451
General Maintenance	37,471	46,995	36,755	45,007	51,071
Transportation	15,436	15,848	9,700	15,114	15,129
Computer Equipment	4,884	7,750	260	1,240	7,285
Software Expense	7,715	12,251	12,180	13,277	16,089
Maintenance Agreements	33,783	54,281	33,103	32,517	49,781
Insurance	74,022	75,503	77,632	77,865	79,422
Promotional Expense	1,343	6,209	622	1,098	13,180
Employee Recognition	424	1,550	385	605	1,550
Regulatory Expense	9,500	14,535	9,500	9,500	12,113
Bad Debt Expense	25,558	13,309	13,309	38,867	14,100 (8)
Dues & Subscriptions	2,632	6,507	2,762	2,723	46,563
Postage	1,377	1,295	896	1,434	1,417
Conferences & Training	25,004	24,676	16,437	29,751	22,243
Uniforms	14,446	13,020	9,521	16,220	15,556
Safety Training Expense	6,111	7,179	1,973	3,086	3,083
Payment in Lieu of Taxes	206,142	214,531	146,811	213,379	221,134
Depreciation Expense	790,164	804,081	528,717	793,338	808,937
Amortization - Deferred Costs	8,364	9,360	3,593	5,719	9,360
Lease Rental Payments - Principal	70,680	72,447	72,447	72,447	74,214 (9)
Lease - Copiers/Printers	3,978	4,051	2,637	3,956	5,580
Bank Fees - Credit Card	41,008	40,929	28,873	43,130	44,176
Miscellaneous	51,884	63,563	14,096	20,102	22,601
Total Operating Supplies & Expense	1,631,667	1,689,546	1,210,760	1,707,706	1,832,066
Total Expenses	4,237,677	4,213,037	2,753,901	4,128,944	4,363,180
Operating Income	1,529,922	1,201,426	1,630,860	2,518,933	1,319,440
Interest					
Interest Revenue	17,526	12,575	19,421	27,701	26,413
Interest Expense	(412,735)	(447,297)	(302,881)	(645,259)	(433,653) (10)
Total Interest Revenue (Expense)	(395,209)	(434,722)	(283,460)	(617,558)	(407,240)
Extraordinary Items					
Gain on Sale of Assets	0	0	0	0	0
Loss on Sale of Assets	(1,224)	(5,000)	0	(1,224)	(5,000)
Total Extraordinary Items	(1,224)	(5,000)	0	(1,224)	(5,000)
NET MARGIN	1,133,489	761,704	1,347,400	1,900,151	907,200

**WASTEWATER UTILITY
2020 Budget - Final**

Notes to Proposed Revenue and Expenses

Note	Description
(1)	An overall growth factor of 2% was used in determining the proposed 2020 revenues.
(2)	This includes amounts for GIS, pretreatment, lining, biosolids, development projects, system evaluation and other misc. engineering services.
(3)	Accounting fees include the cost of the State Board of Accounts annual audit and the bond disclosure costs.
(4)	Estimated amount for miscellaneous contractual services needed by the different departments.
(5)	Assumes a 3% increase.
(6)	Funding of the Defined Benefit Plan and the Defined Contribution Plan. No increase budgeted.
(7)	We received a 1% increase for 2020.
(8)	A bad debt allowance has been set at .25%.
(9)	Lease rental principal on municipal building.
(10)	Lease rental interest on municipal building and bond interest on the 2013, 2014 and 2018 bonds.

WASTEWATER UTILITY 2020 Budget - Final

Capital Additions

Item	Class	Description	Code	Amount	Notes
1	A	Wastewater Improvement / Expansion Projects - Includes grit removal, secondary aeration, secondary clarification, new RAS/WAS pumping, new UV disinfection, EQ basin demolition, and piping/hydraulic modifications.	3	2,000,000	
2	C	Line Repair/Replacement & Manhole Rehab Program - Ongoing project to help reduce infiltration.	2	300,000	
3	B	Hendricks Drive Forcemain Reroute - Reroute of their forcemain would help to reduce downstream issues in wet periods.	1	250,000	
4	B	Lift Station Repairs and Upgrades - Used for various repairs and upgrades to the lift stations.	2	180,000	
5	A	Overall Wastewater System Evaluation - Complete study of the wastewater system to identify both existing system issues/solutions and develop plans for future expansion.	1	160,000	
6	C	Wastewater's Portion of the IT Budget - The estimated cost to the Wastewater Utility for IT Functions.	2	108,848	
7	B	Rebuild Old Clarifiers - Current clarifiers are 19 years old. They are showing signs of wear and tear.	2	100,000	
8	B	Collection System Repairs and Upgrades - Used for various repairs and upgrades in the collection system.	2	70,000	
9	B	WWTP Repairs and Upgrades - Used for various repairs and upgrades at WWTP.	2	60,000	
10	B	Equipment Replacement - Replace equipment as needed.	2	50,000	
11	D	WWTP Vehicle - Four door truck for daily operations. Will replace a 2002 Dodge Dakota.	2	45,000	(a),(b)
12	C	Automated Meter Infrastructure - Annual amount for meter replacements as needed.	2	30,000	
13	D	Front Deck Mower - Used to mow around the clarifiers and at the WWTP.	2	17,000	(a),(b)
14	A	HVAC for the WWTP Filter Room - Replaces the HVAC unit that keeps the filter room cool in the summer. The current system has not worked properly for a few years.	2	17,000	

**WASTEWATER UTILITY
2020 Budget - Final**

Capital Additions (Cont)

Item	Class	Description	Code	Amount	Notes
15	B	Scum Pit Rebuild - Replaces a broken pump and the rail system used to work on the pumps. Includes electrical upgrades.	2	15,000	
16	D	Wastewater's Portion of Administration Vehicles - Wastewater's portion of administrative vehicle replacements in agreement with our vehicle replacement program.	2	13,950	(a),(b)
17	B	Pole Mounted Security Lights - Replaces security lights at the WWTP. Current lights are over 10 years old and do not work properly.	2	10,000	
TOTAL				3,426,798	
Operational Cash Flow				410,000	
Bond Proceeds				2,000,000	
Other				1,016,798	
TOTAL				3,426,798	

Code:

Class:

1	Operational Cash Flow	A	Must Accomplish This Year
2	Reserves	B	Accomplish for Improvement of System Integrity
3	Bonding	C	Ongoing Program - Accomplish for Improvement of System Integrity
4	Other	D	Ongoing Program - Long Term/Short Term & Vehicles/Equipment

Notes:

- (a) Cost does not reflect money received from sale of old vehicle/equipment.
- (b) Included in 10 year replacement plan.
- (c) Cost estimates provided by engineering consultant.
- (d) May include capitalized labor.

****These figures do not include any future or anticipated annexation.**

**WASTEWATER UTILITY
2020 Budget Final**

Capital Projects - 5 Years Beyond Fiscal Year 2020

Item	Description	Projected 2021	Projected 2022	Projected 2023	Projected 2024	Projected 2025	Total Amount
1	Lift Station on Indianapolis Avenue Replacement of existing can style lift station.	0	0	1,250,000	0	0	1,250,000
2	Line Repair and Replacement & Manhole Program Ongoing project to help with infiltration.	250,000	250,000	250,000	250,000	250,000	1,250,000
3	Simplicity Lift Station Installing new gravity flow to the Essex Dr. LS east of Grant.	0	600,000	0	0	0	600,000
4	Grant Street Sanitary Project Reroute of sanitary sewer lines to eliminate various pipes in PC.	0	530,000	0	0	0	530,000
5	10 Year Vehicle/Equipment Replacement Program Ongoing program and includes wastewater's portion of multi-departmental equipment replacement program- five of ten years.	72,850	141,167	83,833	122,500	85,000	505,350
6	Green Street Sewer Reconfiguration of sewer to aid in wet weather issues.	0	0	0	400,000	0	400,000
7	Enterprise Blvd/Purity Dr. Lift Station Exist. lift station is rec. inc. flows from the business park.	400,000	0	0	0	0	400,000
8	Collection System Repairs and Upgrades Various repairs and upgrades in the collection system.	70,000	70,000	70,000	70,000	70,000	350,000
9	WWTP Repairs and Upgrades Various repairs and upgrades at WWTP.	60,000	60,000	60,000	60,000	60,000	300,000
10	Equipment Replacement Replace equipment as needed.	55,000	55,000	55,000	55,000	55,000	275,000
11	AMI Replacement Program Ongoing Program for AMR/AMI System	30,000	30,000	30,000	30,000	30,000	150,000
12	IT Budget See IT capital budget for breakdown.	15,500	15,500	6,200	0	0	37,200
Total		<u>953,350</u>	<u>1,751,667</u>	<u>1,805,033</u>	<u>987,500</u>	<u>550,000</u>	<u>6,047,550</u>

**These figures do not include any future or anticipated annexation.

WASTEWATER UTILITY

Projected Cash Analysis

	2020	2021	2022	2023	2024	2025
Total Cash & Investments - Beginning of Year Not Restricted by Ordinance/Regulation	6,414,684	4,123,381	4,192,761	3,360,744	2,350,480	2,029,358
Add:						
Projected Operating Income (A)	5,682,620	5,761,040	5,840,543	5,921,142	6,002,854	6,085,693
Interest	26,413	20,617	20,964	16,804	11,752	10,147
Depreciation & Amortization	818,297	842,846	868,131	894,175	921,000	948,631
Bond Proceeds	-	-	-	-	-	-
Less:						
Projected Operational Expenses (B)	(4,363,180)	(4,563,450)	(4,772,912)	(4,991,989)	(5,221,121)	(5,460,771)
Repayment to Water Utility - Availability	-	-	-	-	-	-
Bond Principal & Interest Payments	(1,028,655)	(1,038,323)	(1,037,076)	(1,045,362)	(1,048,108)	(1,026,911)
Estimated Cash & Investments Before Capital Expenditures Not Restricted by Ordinance/Regulation	7,550,179	5,146,111	5,112,410	4,155,514	3,016,858	2,586,147
Less:						
Projected Capital Expenditures	(3,426,798)	(953,350)	(1,751,667)	(1,805,033)	(987,500)	(550,000)
Estimated Cash & Investments - End of Year Not Restricted by Ordinance/Regulation	4,123,381	4,192,761	3,360,744	2,350,480	2,029,358	2,036,147
Less: Two Months of Average Operation Expense	(727,197)	(760,575)	(795,485)	(831,998)	(870,187)	(910,128)
Available Cash & Investments - End of Year Not Restricted by Ordinance/Regulation	<u>3,396,184</u>	<u>3,432,186</u>	<u>2,565,258</u>	<u>1,518,482</u>	<u>1,159,171</u>	<u>1,126,018</u>

(A) Prior year plus increase of 1.38% which is the average change in the last 10 years (taking out availability fees).
Takes into account 2 highest years/2 lowest years/rate adjustments.

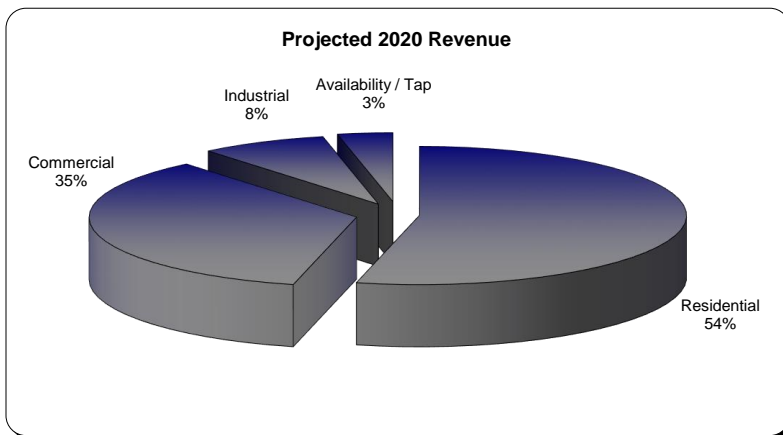
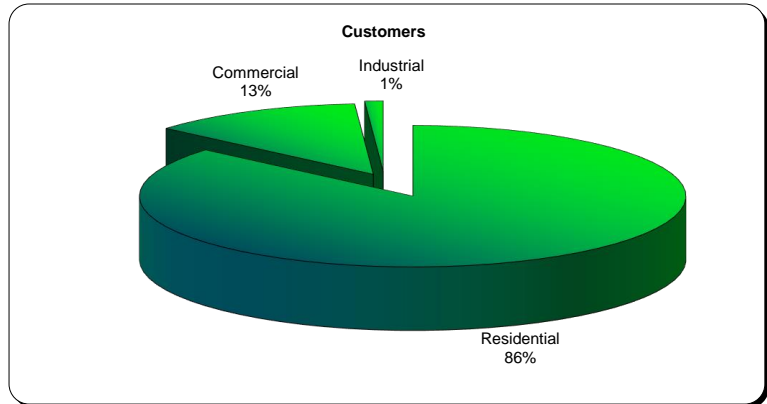
(B) Prior year plus increase of 4.59% which is the average change in the last 10 years. Takes into account 2 highest years/2 lowest years/rate adjustments.

WASTEWATER UTILITY 2020 Budget - Final

Statistics

Number of Customers

Residential	5,705
Commercial	835
Industrial	72



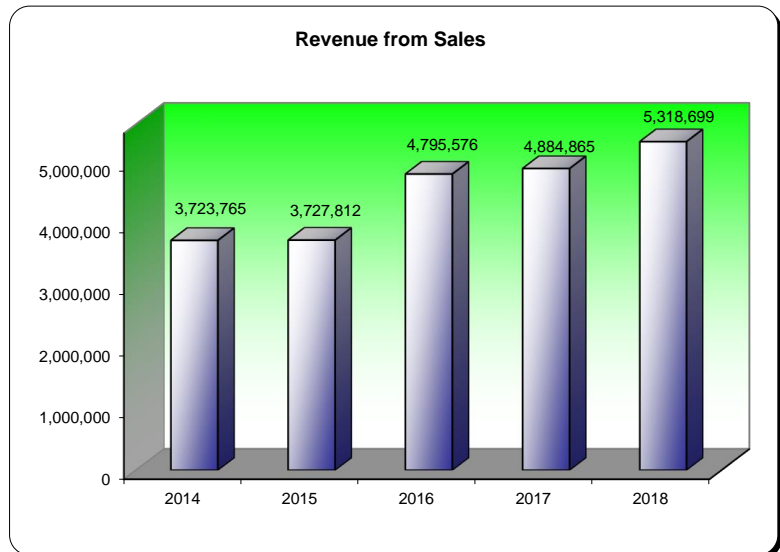
Projected 2020 Revenue

Residential	2,901,753
Commercial	1,899,459
Industrial	413,573
Availability / Tap	180,000

Revenue From Sales

2014	3,723,765
2015	3,727,812
2016	4,795,576
2017	4,884,865
2018	5,318,699
**2019 Year to Date Thru Aug.	3,876,411

***Does not include Availability Fees.

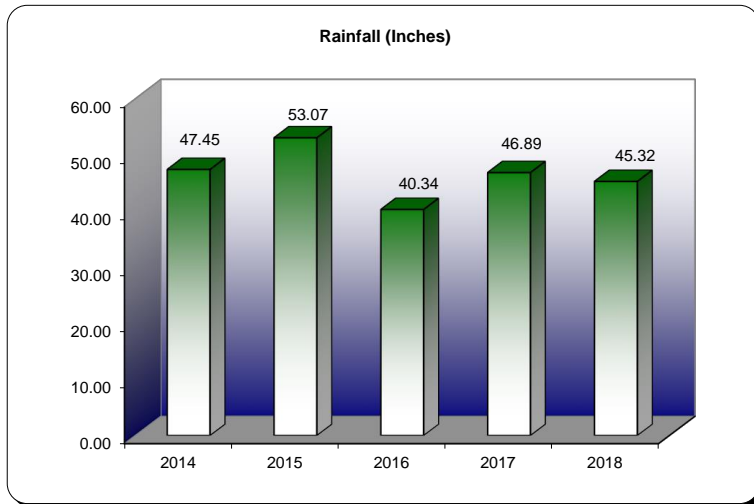
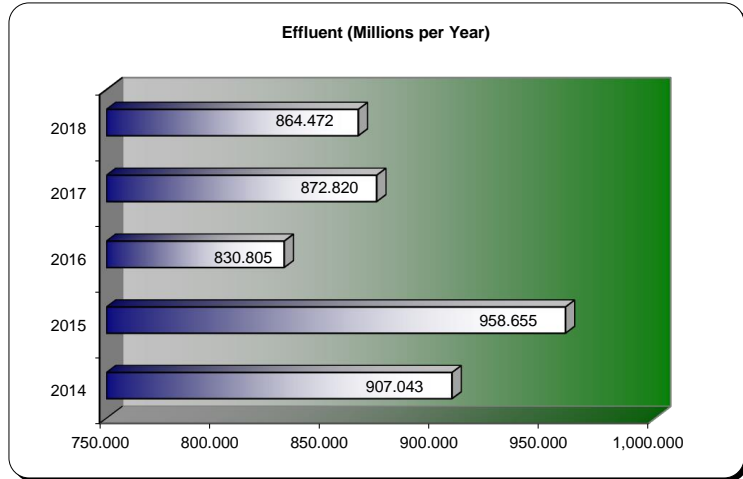


WASTEWATER UTILITY 2020 Budget - Final

Statistics

Effluent (1,000,000 Gallons)

2014	907.043
2015	958.655
2016	830.805
2017	872.820
2018	864.472
**2019 Year to Date Thru Aug.	715.641



Rainfall (Inches)

2014	47.45
2015	53.07
2016	40.34
2017	46.89
2018	45.32
**2019 Year to Date Thru Aug.	33.55

Telecommunications Division

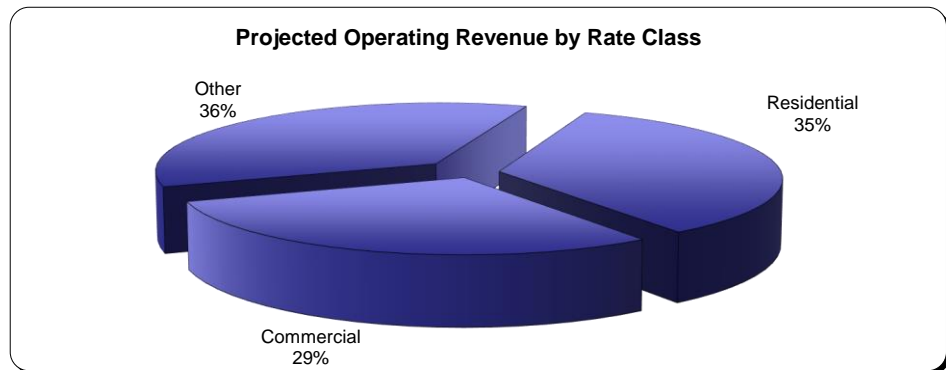
2020 Budget - Final

**TELECOMMUNICATIONS DIVISION
2020 Budget - Final**

Revenues

	<u>Actual 2018</u>	<u>Budget 2019</u>	<u>8 Months 2019</u>	<u>Rolling 12 Months</u>	<u>Proposed 2020</u>
Operating Revenue					
Residential	259,664	263,691	173,770	260,771	265,927
Commercial	132,392	130,620	88,356	133,384	135,618
Custom Commercial	92,782	97,212	58,616	88,377	89,914
Installations	5,896	7,321	3,567	4,970	5,263
Equipment	252,148	255,355	172,608	257,246	263,241
Set-up Charges	3,530	3,970	2,133	3,173	3,250
Late Penalties	4,280	3,949	2,852	4,356	4,403
Total Revenue from Sales	<u>750,692</u>	<u>762,119</u>	<u>501,902</u>	<u>752,277</u>	<u>767,616</u>
Other Revenue					
Interest	1,131	1,053	855	1,294	1,314
Other	44,307	56,476	31,957	23,779	23,894
Total Other Revenues	<u>45,438</u>	<u>57,529</u>	<u>32,812</u>	<u>25,073</u>	<u>25,208</u>
Total Revenue	<u><u>796,130</u></u>	<u><u>819,648</u></u>	<u><u>534,714</u></u>	<u><u>777,350</u></u>	<u><u>792,825</u></u>

Note: An average growth factor of 2% was used in determining the proposed 2020 revenues.



<u>Rate Class</u>	<u>Number of Customers</u>
Wireless	1,098
Fiber	5
Total	<u><u>1,103</u></u>

(As of 8-19)

TELECOMMUNICATIONS DIVISION
2020 Budget - Final

Revenues/Expenses

	<u>Actual 2018</u>	<u>Budget 2019</u>	<u>8 Months 2019</u>	<u>Rolling 12 Months</u>	<u>Proposed 2020</u>	
Operating Revenues						
Residential	259,664	263,691	173,770	260,771	265,927	(1)
Commercial	132,392	130,620	88,356	133,384	135,618	(1)
Custom Commercial	92,782	97,212	58,616	88,377	89,914	(1)
Installations	5,896	7,321	3,567	4,970	5,263	(1)
Equipment	252,148	255,355	172,608	257,246	263,241	(1)
Set-up Charges	3,530	3,970	2,133	3,173	3,250	(1)
Late Penalties	4,280	3,949	2,852	4,356	4,403	(1)
Total Operating Revenue	<u>750,692</u>	<u>762,119</u>	<u>501,902</u>	<u>752,277</u>	<u>767,616</u>	
Other Revenue						
Other	44,307	56,476	31,957	23,779	23,894	
Total Other Revenue	<u>44,307</u>	<u>56,476</u>	<u>31,957</u>	<u>23,779</u>	<u>23,894</u>	
Total Revenue (less Interest)	<u>794,999</u>	<u>818,595</u>	<u>533,859</u>	<u>776,056</u>	<u>791,511</u>	
Purchased Services						
Bandwidth	73,669	74,869	49,188	73,782	94,072	
Telephone	3,564	3,670	1,672	2,792	2,703	
Contractual Services - Other	15,605	17,656	3,698	8,667	30,017	(2)
Contractual Services - IT	28,928	18,927	5,623	14,724	9,446	
Accounting Fees	12,561	10,000	0	(945)	15,500	(3)
Legal Fees	4,014	3,212	5,030	7,384	7,614	
Utilities	8,979	9,103	6,610	9,720	10,014	
Total Purchased Services	<u>147,320</u>	<u>137,437</u>	<u>71,821</u>	<u>116,124</u>	<u>169,366</u>	
Wages & Benefits						
Customer Install	36,101	55,846	23,502	36,402	56,311	(4)
Billing	2,160	2,434	1,578	2,357	2,738	(4)
Administrative	27,324	27,665	32,224	41,642	49,786	(4)
Office Personnel	81,630	79,451	36,401	67,150	57,080	(4)
Sick/Vacation Pay	19,457	18,358	9,664	17,239	14,931	(4)
FICA Taxes	12,076	12,808	7,471	11,919	12,566	(4)
Group Insurance	64,680	87,524	35,048	55,779	74,914	(5)
Pension	18,577	27,242	11,224	12,173	17,636	(6)
Total Wages & Benefits	<u>262,005</u>	<u>311,327</u>	<u>157,112</u>	<u>244,661</u>	<u>285,961</u>	

**TELECOMMUNICATIONS DIVISION
2020 Budget - Final**

Revenues/Expenses (Cont.)

	Actual 2018	Budget 2019	8 Months 2019	Rolling 12 Months	Proposed 2020
Operating Supplies & Expense					
Tools & Equipment	551	590	148	434	437
Installation Supplies	4,269	4,545	3,530	4,951	5,225
Tower Rent	22,897	21,591	12,897	20,354	20,247
Maintenance of Equipment	330	227	2,224	2,421	2,936
General Maintenance	1,970	2,587	461	690	705
Office Supplies	1,044	1,028	937	1,354	1,407
Janitorial Services	1,068	1,089	712	1,089	1,327
Interior Landscaping	0	39	0	0	39
Exterior Landscaping	791	567	340	631	567
Miscellaneous Equipment	0	189	0	0	101
Communications Equipment	1,638	1,803	1,775	2,307	2,534
Fiber	244	1,152	0	0	0
Computer Equipment	2,954	1,750	233	588	1,650
Software Expense	1,117	2,767	1,943	2,193	2,605
Maintenance Agreements	4,591	8,498	3,922	3,678	6,654
Dues & Subscriptions	4,214	8,779	5,957	8,197	29,603
Postage	124	124	66	116	110
Insurance	5,805	5,867	5,151	5,204	5,254
Conference & Training	2,273	3,771	2,811	3,737	4,071
Promotion	5	370	0	0	460
Employee Recognition	95	350	4	64	350
Transportation	4,436	4,611	2,825	4,294	4,351
Freight / Shipping	1,879	2,118	1,112	1,968	1,854
Payment in Lieu of Taxes	2,589	2,433	1,579	2,546	2,506
Depreciation Expense	44,360	44,824	30,578	45,498	46,596
Gross Income Tax	10,700	8,543	5,500	10,700	9,665
Bad Debt Expense	4,370	607	607	4,501	2,760 (7)
Lease Rental Payments - Principal	15,960	16,359	16,359	16,359	16,354 (8)
Lease - Copiers/Printers	859	884	596	894	1,260
Bank Fees - Credit Card	3,844	3,826	2,707	4,043	4,133
Miscellaneous	32,655	34,202	17,387	30,028	28,615
Total Operating Supplies & Expense	177,632	186,089	122,361	178,839	204,376
Total Expenses	586,957	634,853	351,294	539,624	659,702
Operating Income	208,042	183,742	182,565	236,432	131,808
Interest					
Interest Revenue	1,131	1,053	855	1,294	1,314
Interest Expense	(2,625)	(2,232)	(2,231)	(2,231)	(1,826) (9)
Total Interest Revenue (Expense)	(1,494)	(1,179)	(1,376)	(937)	(512)
Extraordinary Items					
Gain on Sale of Assets	0	0	0	0	0
Loss on Sale of Assets	(1,903)	(5,000)	(431)	(1,203)	(5,000)
Total Extraordinary Items	(1,903)	(5,000)	(431)	(1,203)	(5,000)
Net Margin	204,645	177,563	180,758	234,292	126,296

TELECOMMUNICATIONS DIVISION
2020 Budget - Final

Notes to Proposed Revenue and Expenses

Note	Description
(1)	The revenue numbers are based on a 2% increase in revenue for 2020.
(2)	Estimated amount for miscellaneous contractual services needed by the different departments.
(3)	The only projected accounting fees are for the cost of the State Board of Accounts annual audit.
(4)	Assumes a 3% increase.
(5)	We received a 1% increase for 2020.
(6)	Funding of the Defined Benefit Plan and the Defined Contribution Plan. No increase budgeted.
(7)	A bad debt allowance has been set at .25%.
(8)	Lease rental principal on municipal building.
(9)	Includes a portion for the interest on the lease for the municipal building.

**TELECOMMUNICATIONS DIVISION
2020 Budget - Final**

Capital Additions

Item	Class	Description	Code	Amount	Notes
1	C	CPE Upgrades - Upgrades for a portion of the existing customers to newer and faster equipment (250 @ \$100).	2	25,000	
2	C	Telecom's Portion of the IT Budget - The estimated cost to the Telecommunication Utility for IT Functions.	2	24,579	
3	C	Fiber Maintenance & Upgrades - Annual amount for routine break/fix and required upgrades. Air blown Fiber to Elm Street Water Tower.	2	15,000	
4	C	Wireless Maintenance & Upgrades - Annual amount for routine break/fix and required upgrades. This will cover approx. 100 customers.	2	13,000	
5	C	Tower AP Upgrades - Additional access points, antennas or upgrade access points to provide faster service.	2	7,000	
6	B	Test Equipment - Product research and development.	1	5,000	
7	C	Backhaul Upgrades - To maintain or upgrade the radios that feed the different locations.	2	5,000	
8	C	Router/Switch Upgrades - Upgrade routing and switching infrastructure for the internet service.	2	5,000	
9	D	Telecom's Portion of the Administration Vehicles - Telecom's portion of administrative vehicle replacements in agreement with our vehicle replacement program.	2	3,150	(a),(b)
TOTAL				102,729	
Operational Cash Flow				5,000	
Other				97,729	
TOTAL				102,729	

Code:	Class:	
1	Operational Cash Flow	A Must Accomplish This Year
2	Reserves	B Accomplish for Improvement of System Integrity
3	Bonding	C Ongoing Program - Accomplish for Improvement of System Integrity
4	Other	D Ongoing Program - Long Term/Short Term & Vehicles/Equipment

- Notes:**
- (a) Cost does not reflect money received from sale of old vehicle/equipment.
 - (b) Included in 10 year replacement plan.
 - (c) Cost estimates provided by engineering consultant.
 - (d) May include capitalized labor.

**TELECOMMUNICATIONS DIVISION
2020 Budget - Final**

Capital Projects - 5 Years Beyond Fiscal Year 2020

Item	Description	Projected 2021	Projected 2022	Projected 2023	Projected 2024	Projected 2025	Total Amount
1	CPE Upgrades Upgrade existing customer equipment.	0	50,000	0	0	50,000	100,000
2	Wireless Customer Equipment Equipment on customer premises.	13,000	13,000	13,000	13,000	13,000	65,000
3	10 Year Vehicle Replacement Program Ongoing program and includes telecoms portion of multi-departmental equipment replacement program-five of ten years.	2,450	0	37,500	25,000	0	64,950
4	Fiber Upgrades Major maintenance and repair.	10,000	10,000	10,000	10,000	10,000	50,000
5	Tower AP Upgrades Additional access points, antennas or upgrade access points to provide for faster service.	2,000	10,000	2,000	10,000	2,000	26,000
6	Backhaul upgrades To maintain or upgrade the radios that feed the remote locations.	0	10,000	0	10,000	0	20,000
7	IT Budget See IT capital budget for breakdown.	3,500	3,500	1,400	0	0	8,400
8	Router/Switch Upgrades Upgrade routing and switching infrastructure for the internet service.	0	2,000	0	2,000	0	4,000
Total		<u>30,950</u>	<u>98,500</u>	<u>63,900</u>	<u>70,000</u>	<u>75,000</u>	<u>338,350</u>

Telecommunications Division

Projected Cash Analysis

	2020	2021	2022	2023	2024	2025
Total Cash & Investments - Beginning of Year						
Not Restricted by Ordinance/Regulation	433,971	311,893	311,368	318,229	314,770	320,353
Add:						
Projected Operating Income (A)	791,511	807,341	823,488	839,957	856,756	873,892
Interest	1,314	1,559	1,558	1,582	1,553	1,570
Depreciation & Amortization	49,356	50,837	52,362	53,933	55,551	57,217
Less:						
Projected Operational Expenses (B)	(659,702)	(657,897)	(671,054)	(684,476)	(698,165)	(712,128)
Interest on Lease	(1,828)	(1,415)	(992)	(555)	(112)	0
Repayment of Loan	(200,000)	(170,000)	(100,000)	(150,000)	(140,000)	(40,289)
Estimated Cash & Investments Before Capital Expenditures						
Not Restricted by Ordinance/Regulation	414,621	342,318	416,729	378,670	390,353	500,615
Less:						
Projected Capital Expenditures	(102,729)	(30,950)	(98,500)	(63,900)	(70,000)	(75,000)
Estimated Cash & Investments - End of Year						
Not Restricted by Ordinance/Regulation	311,893	311,368	318,229	314,770	320,353	425,615
Less: Two Months of Average Operation Expense	(109,950)	(109,649)	(111,842)	(114,079)	(116,361)	(118,688)
Available Cash & Investments - Beginning of Year						
Not Restricted by Ordinance/Regulation	<u>201,942</u>	<u>201,718</u>	<u>206,387</u>	<u>200,691</u>	<u>203,993</u>	<u>306,926</u>

(A) Prior year plus increase of 2% in 2021 - 2025.

(B) Prior year plus increase of 2% in 2021 - 2025 which will need to be monitored by staff.

**If funds permit more will be applied to the loan.

IT Capital Program

2020 Budget - Final

**IT
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Capital Additions**

Item	Class	Description	Code	Amount	Department
1	B	CIS Software - Replace the billing/cs system.	2	207,322	IT
2	B	Accounting Software - Replace the Accounting/Finance Software.	2	76,800	IT
3	B	VMware - The Vmware is on a three year cycle.	2	25,000	IT
4	C	Incidental Hardware - Incidental hardware purchases that may arise.	2	15,000	IT
5	C	Incidental Software - Incidental software purchases that may arise.	2	15,000	IT
6	B	Web-Site - Web-site upgrade.	2	12,000	IT
TOTAL				<u>351,122</u>	
Operational Cash Flow				-	
Other				<u>351,122</u>	
TOTAL				<u>351,122</u>	

Class:

- A Must Accomplish This Year
- B Accomplish for Improvement of System Integrity
- C Ongoing Program - Accomplish for Improvement of System Integrity
- D Ongoing Program - Long Term/Short Term & Vehicles/Equipment

Code:

- 1 Operational Cash Flow
- 2 Reserves
- 3 Bonding
- 4 Other

Notes:

- (a) Cost does not reflect money received from sale of old vehicle/equipment.
- (b) Included in 10 year replacement plan.
- (c) Cost estimates provided by consultant.
- (d) May include capitalized labor.

**IT
2020 Budget - Final**

Capital Projects - 5 Years Beyond Fiscal Year 2020

Item	Description	Projected 2021	Projected 2022	Projected 2023	Projected 2024	Projected 2025	Total Amount
1	Server Hardware Server infrastructure will be EOL.	50,000	0	0	0	0	50,000
2	Firewall Replacement Firewall will be close to EOL.	0	30,000	0	0	0	30,000
3	Vmware Renewal Renewal every three years.	0	0	20,000	0	0	20,000
4	Core Switch Replacement Core Switch will be close to EOL.	0	20,000	0	0	0	20,000
Total		<u>50,000</u>	<u>50,000</u>	<u>20,000</u>	<u>0</u>	<u>0</u>	<u>120,000</u>

Vehicle Replacement Plan

2020 Budget - Final

**ALL UTILITIES
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Vehicles - 10 Year Replacement Plan

Dept.	Year	No.	Description	Cycle Years	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Electric:														
Electric Distribution														
I. Light Vehicles														
	2013	88	Dodge Van	10				30,000						
	2016	28	Ford Pick-Up	10							40,000			
	2016	81	Ford F-150 4X4	10							40,000			
	2015	34	Chevy Silverado	10						35,000				
II. Bucket Trucks														
	2016	3	GMC C 6500	10										
	2018	17	Chevy Duramax C 7500	10										
	2009	8	Ford 550 (Service Bucket)	10										
	2013	11	Line Bucket 45ft	10				217,250						
	New		Service Bucket 37ft	10										
III. Line Trucks														
	2007	19	International 4300	10										
	2017	22	International 4300	10										
IV. Misc. Trucks														
	2008	7	1T Ford Dump Truck	10										
	2007	33	GMC Canyon	10	30,000									
V. Other Equipment														
	2002		Pole Trailer	None										
	1985		2PL Wire Trailer	None										
	1997		1PL Wire Trailer	None										
			New Wire Trailer	None	30,000									
	2002		Bandit Chipper	None										
			Backyard Machine	None										
			Hole Vac	None										
	2002		Case DBH4 Trencher	10										
	2003		Trencher Trailer	10										
	2008		Forklift Clark	None										
	2009		Cable Puller	None										
Subtotal Vehicles					30,000	0	0	30,000	217,250	35,000	80,000	0	0	0
Subtotal Other Equipment					30,000	0	0	0	0	0	0	0	0	0
Total					<u>60,000</u>	<u>0</u>	<u>0</u>	<u>30,000</u>	<u>217,250</u>	<u>35,000</u>	<u>80,000</u>	<u>0</u>	<u>0</u>	<u>0</u>

**ALL UTILITIES
2020 Budget - Final**

Vehicles - 10 Year Replacement Plan

Dept.	Year	No.	Description	Cycle Years	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Water:														
Administration:														
I. Vehicles														
	2006	14	Ford Escape (1/2)	10				12,500						
	2020		New Vehicle for Water Manager	10	30,000									
Water Plant:														
I. Vehicles														
	2016	15	Dodge with Snow Plow	10									35,000	
	2014	31	Ford Escape	10						35,000				
II. Other Equipment														
	2003		John Deere Lawn Mower	None		8,500								
	2005		John Deere Z930M	None									8,500	
Water Distribution:														
I. Vehicles														
	2015	10	1T Service Truck	10								65,000		
	2015	6	Ford F 350 Service Truck	10								65,000		
	2002	35	Chevy Pickup	10		30,000								
II. Dump Trucks														
	2002	18	GMC 2T Dump Truck	10					70,000					
	2004	29	1 1/2T Ford F450	15						60,000				
III. Other Equipment														
	2019		Case Backhoe	None	89,500									
	2004		Vemeer	None				65,000						
	2003		Sullair	None						10,000				
	1977		Bame Backhoe Trailer	None					7,000					
	2020		Toro Zero Turn	None	6,500									
	1997		Trailer	None					4,000					
			Subtotal Vehicles		<u>30,000</u>	<u>38,500</u>	<u>0</u>	<u>12,500</u>	<u>70,000</u>	<u>60,000</u>	<u>35,000</u>	<u>130,000</u>	<u>43,500</u>	<u>0</u>
			Subtotal Other Equipment		<u>96,000</u>	<u>0</u>	<u>0</u>	<u>65,000</u>	<u>11,000</u>	<u>0</u>	<u>10,000</u>	<u>0</u>	<u>0</u>	<u>0</u>
			Total		<u><u>126,000</u></u>	<u><u>38,500</u></u>	<u><u>0</u></u>	<u><u>77,500</u></u>	<u><u>81,000</u></u>	<u><u>60,000</u></u>	<u><u>45,000</u></u>	<u><u>130,000</u></u>	<u><u>43,500</u></u>	<u><u>0</u></u>

**ALL UTILITIES
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Vehicles - 10 Year Replacement Plan

Dept.	Year	No.	Description	Cycle Years	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Wastewater:														
Administration:														
I. Vehicles														
	2006	14	Ford Escape (1/2)	10				12,500						
Wastewater Treatment Plant:														
I. Vehicles														
	2001	12	Dodge Ram with Snow Plow	10			50,000							
	2007	37	GMC Sierra	10				35,000						
	2020		Operations Vehicle	10	45,000									
II. Other Equipment														
	2020		Front Deck Mower	None	17,000									
	2008		Kubota Mower	None							8,500			
	2011		Kubota Mower	7		17,000								
	2002		Toro Z Master	None			8,500							
	2011		Toro Z Master	10					15,000					
	1987		Deutz / Allis Tractor	None			17,000							
	2015		Com PRO Trailer	None									2,700	
	2008		Kubota RTV900	None				15,000						
Sewer Maintenance:														
I. Vehicles														
	2014	24	Ford Escape	10								35,000		
	2016	2	Ford	10				60,000						
	2008	26	Ford F 350 Super Duty	10							350,000			
	2003	23	3/4T Camera Van	10									130,000	
	2015	27	Ford	10		120,000								
II. Dump Trucks														
	2002	13	Ford F 650 2T Dump	10					70,000					
	2009	25	Ford F 450 Dump	10						60,000				
III. Other Equipment														
	2002		Air Compressor	None							10,000			
	2000	36	Vactor	10									230,000	
	2009		Case Backhoe 580 Super	10								120,000		
	2002		Liftstation Generator	None							12,000			
	2002		Case 85 XT Skid Steer	None						65,000				
	2002		Skid Steer Trailer	None						7,000				
			Subtotal Vehicles		45,000	120,000	50,000	107,500	70,000	60,000	350,000	35,000	130,000	0
			Subtotal Other Equipment		17,000	17,000	25,500	15,000	15,000	72,000	30,500	120,000	232,700	0
			Total		<u>62,000</u>	<u>137,000</u>	<u>75,500</u>	<u>122,500</u>	<u>85,000</u>	<u>132,000</u>	<u>380,500</u>	<u>155,000</u>	<u>362,700</u>	<u>0</u>

**ALL UTILITIES
2020 Budget - Final**

Vehicles - 10 Year Replacement Plan

<u>Dept.</u>	<u>Year</u>	<u>No.</u>	<u>Description</u>	<u>Cycle Years</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>
Telecommunications														
I. Vehicles														
	2014	51	Ford E Series E150	8				25,000						
	2014	85	Ford E Series E150	8				12,500	25,000					
			Total		<u>0</u>	<u>0</u>	<u>0</u>	<u>37,500</u>	<u>25,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

**ALL UTILITIES
2020 Budget - Final**

Vehicles - 10 Year Replacement Plan

Dept.	Year	No.	Description	Dept.	Cycle Years	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Miscellaneous:															
Meter Technicians:															
I. Vehicles															
	2017	16	Ford F150	Metering	10			12,500					30,000		
	2017	80	Ford F150	Metering	10								30,000		
	2018		Ford F150	Metering	10										
	2018	21	Ford F150	Metering	10										
	2013	20	Ford Escape	TA	10				25,000						
II. Locator Vehicles															
	2018	33	Ford		10										
Administration:															
I. Vehicles															
	2010	90	GMC Pick-Up	Facility	10		35,000								
	2020	1	Jeep Cherokee	GM	5	45,000									
Total						<u>45,000</u>	<u>35,000</u>	<u>12,500</u>	<u>25,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>60,000</u>	<u>0</u>	<u>0</u>
					E	13,950	10,850	4,167	8,333	0	0	0	20,000	0	0
					W	13,950	10,850	4,167	8,333	0	0	0	20,000	0	0
					WW	13,950	10,850	4,167	8,333	0	0	0	20,000	0	0
					T	3,150	2,450	0	0	0	0	0	0	0	0
						<u>45,000</u>	<u>35,000</u>	<u>12,500</u>	<u>25,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>60,000</u>	<u>0</u>	<u>0</u>