

**LEBANON UTILITIES
2019 BUDGET - FINAL**

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Lebanon Electric Utility

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ELECTRIC UTILITY 2019 Budget - Final

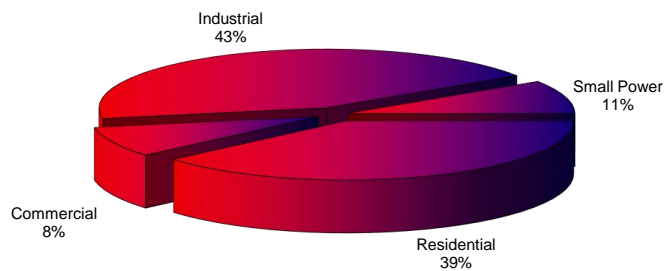
Revenues

	Actual 2017	Budget 2018	8 Months 2018	Rolling 12 Months	Proposed 2019
Operating Revenue					
Residential	8,239,644	8,122,284	5,952,264	8,561,237	8,821,596
Commercial	1,874,589	1,834,176	1,271,469	1,890,976	1,915,764
Industrial	9,811,887	9,613,490	6,630,669	9,822,838	9,971,206
Small Power	2,174,259	2,163,779	1,387,590	2,087,298	2,102,642
Street & Highway Lighting	111,362	107,543	73,505	111,544	111,874
Security Lights	59,951	58,130	38,175	58,586	58,433
Interdepartmental	102,072	101,222	81,651	113,765	119,158
Late Penalties	89,990	91,281	60,243	87,336	89,630
Total Revenue from Sales	22,463,754	22,091,905	15,495,566	22,733,580	23,190,303
Other Revenue					
Interest	24,959	23,104	17,077	26,734	26,175
Other	367,287	185,923	215,232	306,886	317,632
Total Other Revenues	392,246	209,027	232,309	333,620	343,806
Total Revenue	22,856,000	22,300,932	15,727,875	23,067,200	23,534,110

Note: A growth factor of 2% and an estimated decrease of 1.1% in purchased power was used in determining the proposed 2019 revenues.
The (1.1)% 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	7,800
Commercial	948
Commercial - Sm Pwr	254
Industrial - Lg Pwr	122
Municipal	62
Total	9,186
	(As of 08-18)

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Revenues/Expenses

	Actual 2017	Budget 2018	8 Months 2018	Rolling 12 Months	Proposed 2019	
Operating Revenues						
Residential	8,239,644	8,122,284	5,952,264	8,561,237	8,821,596	(1),(2)
Commercial	1,874,589	1,834,176	1,271,469	1,890,976	1,915,764	(1),(2)
Industrial	9,811,887	9,613,490	6,630,669	9,822,838	9,971,206	(1),(2)
Small Power	2,174,259	2,163,779	1,387,590	2,087,298	2,102,642	(1),(2)
Street & Highway Lighting	111,362	107,543	73,505	111,544	111,874	(1),(2)
Security Lights	59,951	58,130	38,175	58,586	58,433	(1),(2)
Interdepartmental	102,072	101,222	81,651	113,765	119,158	(1),(2)
Late Penalties	89,990	91,281	60,243	87,336	89,630	(1),(2)
Total Operating Revenue	22,463,754	22,091,905	15,495,566	22,733,580	23,190,303	
Other Revenue						
Other	367,287	185,923	215,232	306,886	317,632	(3)
Total Other Revenue	367,287	185,923	215,232	306,886	317,632	
Total Revenue (less Interest)	22,831,041	22,277,828	15,710,798	23,040,466	23,507,935	
Purchased Services						
Purchased Power	17,164,728	16,777,948	11,724,524	17,237,071	17,564,805	(4)
Telephone	17,591	16,725	13,248	20,199	20,436	
Contractual Services - Testing	139,360	7,500	5,267	5,802	192,500	(5)
Contractual Services - IT	67,941	65,136	45,320	54,168	83,823	(6)
Contractual Services - Other	225,214	199,512	234,269	323,082	208,259	(7)
Accounting Fees	237	11,100	23,871	23,871	13,500	(8)
Engineering Fees	51,669	50,000	8,612	46,196	30,000	(9)
Legal Fees	63,659	57,719	26,102	49,339	45,131	(10)
Utilities	45,332	44,993	29,302	43,703	44,705	(11)
Total Purchased Services	17,775,731	17,230,633	12,110,515	17,803,431	18,203,159	
Wages & Benefits						
Operation Supervision	131,011	119,707	100,336	156,623	155,019	(12)
Engineering	159,933	153,940	62,734	106,953	101,188	(12)
Line Work	444,474	437,184	313,577	470,099	484,476	(12)
Bond Work	2,184	2,999	0	0	0	(12)
Line Locating	19,471	19,610	11,015	17,677	17,018	(12)
Mapping	7,556	6,331	2,139	6,691	3,305	(12)
Tree Trimming	629	187	0	493	0	(12)
Meter Reading	63,377	64,771	43,000	63,601	69,435	(12)
Billing	22,553	21,633	15,122	23,275	26,596	(12)
Administrative	143,299	169,570	121,079	175,794	187,067	(12)
Office Personnel	98,190	148,673	56,146	90,838	90,466	(12)
Sick/Vacation Pay	180,246	168,353	112,759	188,378	174,213	(12)
FICA Taxes	101,407	111,984	62,528	97,242	97,697	(12)
Group Insurance	400,582	500,889	302,818	429,031	454,227	(13)
Pension	272,492	189,769	123,900	273,774	185,850	(14)
Miscellaneous Payroll	81,788	94,836	28,880	49,224	44,620	(12)
Total Wages & Benefits	2,129,192	2,210,436	1,356,033	2,149,693	2,091,177	

ELECTRIC UTILITY
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Revenues/Expenses (Cont.)

	Actual 2017	Budget 2018	8 Months 2018	Rolling 12 Months	Proposed 2019
Operating Supplies & Expense					
Station Expenses	3,362	2,501	144	144	184
Street Lights and Signals	9,114	8,703	3,926	6,260	6,196
Security Lights	271	894	2,104	2,255	2,760
Meter Expense	12,730	8,236	10,895	15,544	6,262 (15)
Meter Repair & Maintenance	0	0	516	342	569
Tools & Equipment	30,356	19,807	16,600	28,576	27,273
Safety Equipment	17,949	14,172	869	11,913	6,740
Rents	0	1,000	4,397	4,397	5,606
Maintenance of Lines	135,461	90,700	47,145	108,812	91,560
Maintenance of Transformers	0	2,000	237	237	302 (16)
Maintenance of Station Equipment	13,238	1,399	8,074	21,360	17,070
Fiber	0	0	0	0	0
General Maintenance	35,556	25,124	23,341	32,970	34,671 (17)
Office Supplies	7,293	7,460	4,018	6,613	6,446
Janitorial Services	17,824	17,824	11,811	17,982	17,824
Interior Landscaping	0	177	0	0	177
Exterior Landscaping	2,361	1,979	3,188	3,577	2,509
Computer Equipment	8,403	6,471	3,617	5,883	7,750
Software Expense	10,071	6,510	12,794	15,824	12,251
Maintenance Agreements	47,778	81,769	99,984	105,809	73,971 (18)
Dues & Subscriptions	11,776	13,418	12,024	12,092	13,907
Postage	780	519	797	1,330	1,288
Insurance	57,449	65,207	75,982	69,502	77,502
Conference & Training	45,704	48,994	16,510	28,622	43,977
Promotion	1,676	10,219	867	1,029	6,211
Employee Recognition	659	1,550	154	201	1,550
Transportation	31,099	29,267	17,366	28,612	27,877
Uniforms	21,057	20,507	12,937	13,097	16,576
SCADA Expense	78	93	129	129	164
Payment in Lieu of Taxes	164,899	156,820	117,867	183,987	180,337
Depreciation Expense	828,915	868,303	610,333	901,913	933,809
Amortization of Deferred Costs	(12,484)	(12,480)	(8,323)	(12,480)	(12,480)
Gross Income Tax	324,200	317,334	157,000	333,200	332,095 (19)
Bad Debt Expense	116,147	110,460	0	0	57,976 (20)
Lease Rental Payments - Principal	68,913	70,680	70,680	70,680	72,447 (21)
Lease - Copiers/Printers	4,091	4,067	2,659	3,955	4,051
Bank Fees - Credit Card	39,447	39,703	27,587	41,123	42,077
Miscellaneous	100,582	73,442	34,078	106,017	81,705
Total Operating Supplies & Expense	2,156,755	2,114,829	1,402,307	2,171,507	2,201,191
Total Expenses	22,061,678	21,555,898	14,868,855	22,124,631	22,495,527
Operating Income	769,363	721,930	841,943	915,835	1,012,408
Interest					
Interest Revenue	24,959	23,104	17,077	26,734	26,175
Interest Expense	(356,148)	(338,248)	(230,764)	(343,708)	(320,007) (22)
Total Interest Revenue (Expense)	(331,189)	(315,144)	(213,687)	(316,974)	(293,832)
Extraordinary Items					
Gain on Sale of Assets	0	0	0	0	0
Loss on Sale of Assets	(28,405)	(7,500)	(938,325)	(964,434)	(25,000)
Total Extraordinary Items	(28,405)	(7,500)	(938,325)	(964,434)	(25,000)
Net Margin	409,769	399,286	(310,069)	(365,573)	693,576

ELECTRIC UTILITY 2019 Budget - Final

Notes to Proposed Revenue and Expenses

Note	Description
(1)	A growth factor of 2% was used in determining the proposed 2019 revenues.
(2)	An estimated average <u>decrease</u> in purchased power costs of 1.1%. 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 1.1% <u>decrease</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 \$7,500 for meter testing and \$185,000 for substation testing.
(6)	Contractual Services for IT - 2019 is the first year of the new agreement.
(7)	Estimated amount for miscellaneous contractual services needed by the different departments. Also, includes amounts for a new billing/CRM system and \$75,000 for contracting out tree trimming.
(8)	Accounting fees include State Board of Accounts audit costs.
(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. The new Electric Operations Building has been factored in also.
(12)	Assumes a 3% increase to be split between inflation and merit.
(13)	Due to changes made in the employee make up assumes a 0% increase in group health insurance.
(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
2019 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 2019 Budget - Final

Capital Additions

Item	Class	Description	Code	Amount	Notes
1	A	69KV - South Loop - Secondary transmission service point from Duke to Central Sub.	3	1,400,000	
2	B	Automated Distribution - Enables circuits to switch automatically to reduce outage time.	1	260,000	
3	D	Bucket Truck - Replacement of Ford 550 Service truck (Truck #8).	2	190,000	(a),(b)
4	C	Service to New Facilities - Ongoing service extensions for new customers (est. 45 homes, 6 commercial, 3 industrial).	1	150,000	
5	C	New and Replacement Transformers - Ongoing transformer purchase allotment for new units (customer driven).	2	125,000	
6	C	New & Replacement of Underground Primary Conductor - Targeted underground cable replacement based on failures and outage reports (est. 1,000' 3*, 3,000' 1*).	2	100,000	
7	A	69KV Re-route and Retire Lau Substation - Lau Substation was put in service in 1971 as a temporary. It is time to retire it.	2	100,000	
8	A	System Upgrades and Improvements - 1252 and 1272 upgrades and 3 phase reclosure for the 1243	2	100,000	
9	C	Electric's Portion of the IT Budget - The estimated cost to the Electric Utility for IT Functions.	1	68,920	
10	A	SCADA Upgrade - Replace all RTU's and associated equipment.	2	50,000	
11	C	AMI - Ongoing program for replacement of meter infrastructure.	1	50,000	
12	A	SF6 Breaker Refurbish - Refurbish 69Kv breaker at North Sub.	2	25,000	
13	A	Wire Trailer - Replace single reel trailer with tensioning brakes for wire installation (replaces 1997 trailer).	2	16,000	
14	A	New & Replacement Test and Monitoring Equipment - Substation testing and monitoring equipment including CT tester refurbishing.	2	15,000	

ELECTRIC UTILITY
2019 Budget - Final
Capital Additions (Cont.)

Item	Class	Description	Code	Amount	Notes
15	C	Engineering Software - GIS work order system and Engineering software upgrades and	1	15,000	
16	D	Electric's Portion of Administration Vehicles - Electric's portion of administrative vehicle replacements in agreement with our vehicle replacement program.	2	-	(a),(b)
TOTAL				<u>2,664,920</u>	
Operational Cash Flow				543,920	
Other				721,000	
Bond				<u>1,400,000</u>	
TOTAL				<u>2,664,920</u>	

Code:	Class:	
1	Operational Cash Flow	A
2	Reserves	B
3	Bonding	C
4	Other	D

Must Accomplish This Year
Accomplish for Improvement of System Integrity
Ongoing Program - Accomplish for Improvement of System Integrity
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

2019 Budget - Final

Capital Projects - 5 Years Beyond Fiscal Year 2019

Item	Description	Projected 2020	Projected 2021	Projected 2022	Projected 2023	Projected 2024	Total Amount
1	System Model Future Projects	270,000	275,000	370,000	250,000	250,000	1,415,000
	On-going system improvements to provide operational flexibility.	Automated Switching Devices - Group B	Automated Switching Devices - Group C	Reconductor 69kv Lines from Central to West.	Reconductor 69kv Lines from West to North.	Reconductor 69kv Lines from North to Central.	
2	Residential Subdivisions	100,000	110,000	120,000	144,000	163,000	637,000
	Install electric utility service facilities.						
3	10 Year Vehicle Replacement Program	240,850	10,850	4,167	30,133	217,250	503,250
	Ongoing program and includes electric's portion of multi-departmental vehicle/equipment replacement program- five of ten years.						
4	New and Replacement Transformers	64,000	70,000	77,000	87,000	98,000	396,000
	Both O.H. and pad mounted types.						
5	Replacement Program for Deteriorated Cable	42,000	46,000	50,000	55,000	62,000	255,000
	On-going program to replace deteriorated cable.						
6	AMI Replacement Program	50,000	50,000	50,000	50,000	50,000	250,000
	On-going program to replace old AMR Meters and upgrade to AMI and for new business.						
7	IT Budget	4,650	26,350	20,150	4,650	4,650	60,450
	On-going program. See IT 5-year capital budget for breakdown.						

**ELECTRIC UTILITY
2019 Budget - Final**

Capital Projects - 5 Years Beyond Fiscal Year 2019

Item	Description	Projected 2020	Projected 2021	Projected 2022	Projected 2023	Projected 2024	Total Amount
8	SCADA, Pictometry & Engineering Software Additions and enhancements to existing software.	2,500	2,500	2,500	2,500	2,500	12,500
	Totals	<u>774,000</u>	<u>590,700</u>	<u>693,817</u>	<u>623,283</u>	<u>847,400</u>	<u>3,529,200</u>

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

Electric Utility
Projected Cash Analysis

	2019	2020	2021	2022	2023	2024
Total Cash & Investments - Beginning of Year Not Restricted by Ordinance/Regulation	7,547,349	5,979,815	6,490,281	7,382,728	8,381,274	9,674,573
Add:						
Projected Operating Income (A)	23,507,935	24,626,912	25,799,153	27,027,193	28,313,688	29,661,419
Interest	26,175	29,899	32,451	36,914	41,906	48,373
Depreciation	933,809	952,486	971,535	990,966	1,010,785	1,031,001
Less:						
Projected Operational Expenses (B)	(22,495,527)	(23,458,336)	(24,462,352)	(25,509,341)	(26,601,141)	(27,739,670)
Bond Principal and Interest	(875,006)	(866,496)	(857,641)	(853,369)	(848,657)	(848,398)
Estimated Cash & Investments Before Capital Expenditures Not Restricted by Ordinance/Regulation	8,644,735	7,264,281	7,973,428	9,075,091	10,297,856	11,827,298
Less:						
Projected Capital Expenditures	(2,664,920)	(774,000)	(590,700)	(693,817)	(623,283)	(847,400)
Estimated Cash & Investments - End of Year Not Restricted by Ordinance/Regulation	5,979,815	6,490,281	7,382,728	8,381,274	9,674,573	10,979,898
Less: Two Months of Average Operating Income	(3,749,254)	(3,909,723)	(4,077,059)	(4,251,557)	(4,433,523)	(4,623,278)
Available Cash & Investments - End of Year Not Restricted by Ordinance/Regulation	<u>2,230,561</u>	<u>2,580,558</u>	<u>3,305,669</u>	<u>4,129,717</u>	<u>5,241,049</u>	<u>6,356,620</u>

(A) Prior year plus increase of 4.76% which is the average change in the last 10 years. Takes into account 2 highest years/2 lowest years/rate adjustments.

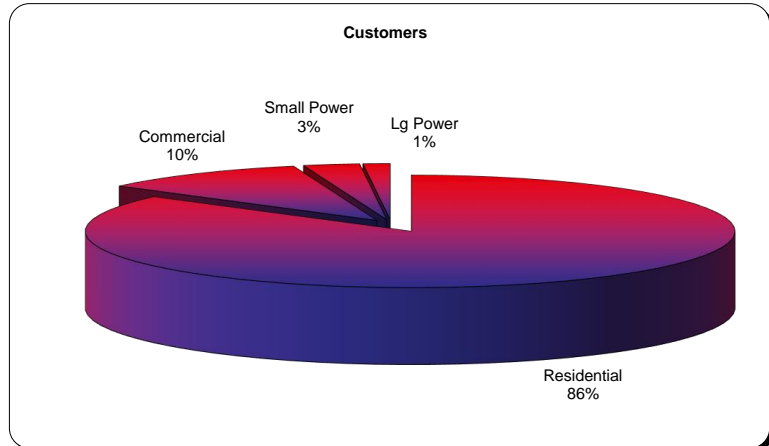
(B) Prior year plus increase of 4.28% which is the average change in the last 10 years. Takes into account 2 highest years/2 lowest years/rate adjustments.

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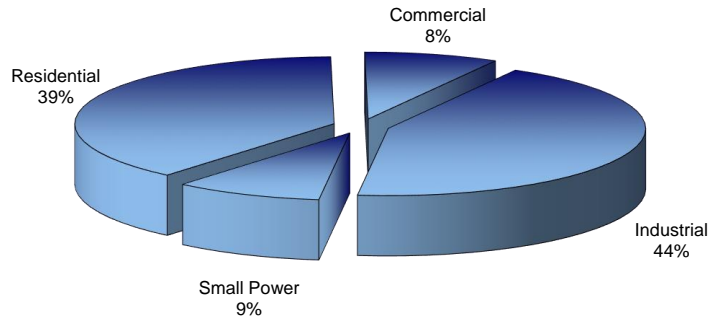
Statistics

Number of Customers

Residential	7,800
Commercial	948
Small Power	254
Lg Power	122
Municipal	62



Projected 2019 Revenue

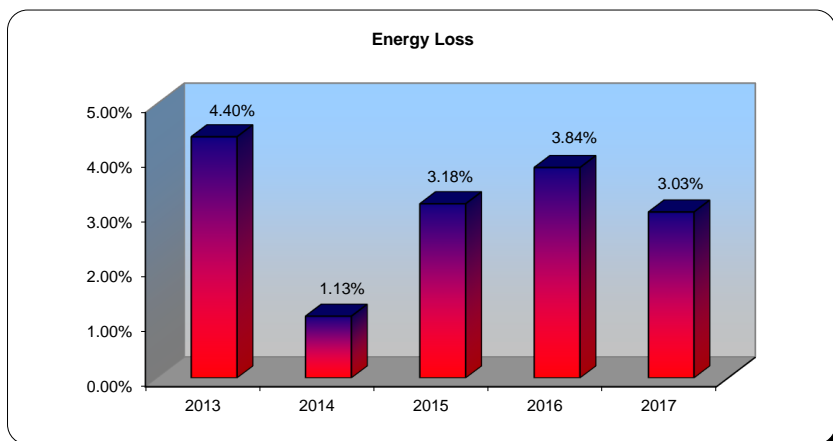


Projected 2019 Revenue

Residential	8,821,596
Commercial	1,915,764
Industrial	9,971,206
Small Power	2,102,642

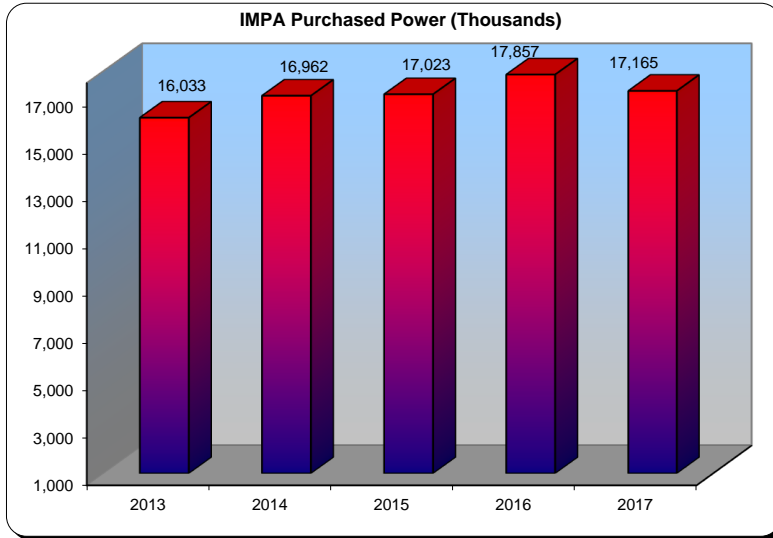
Line Loss Factor

2013	4.40%
2014	1.13%
2015	3.18%
2016	3.84%
2017	3.03%



ELECTRIC UTILITY 2019 Budget - Final

Statistics

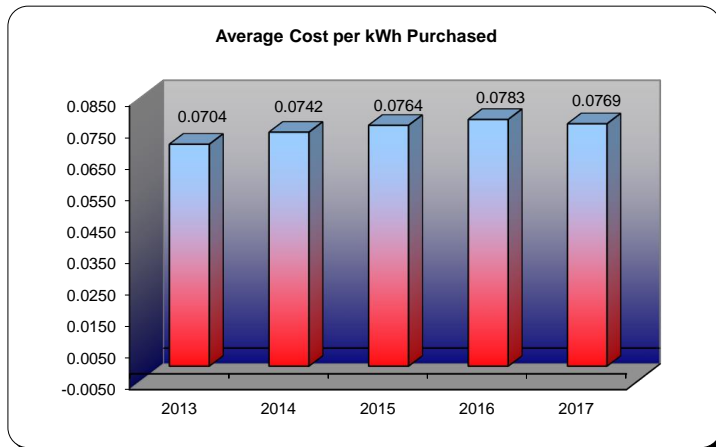
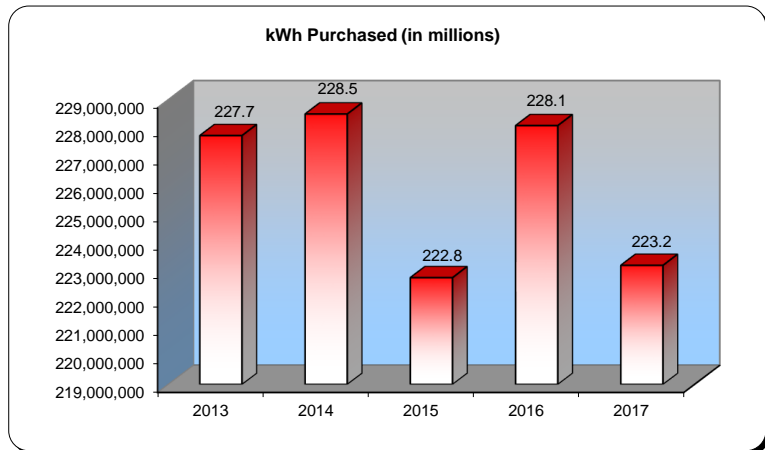


IMPA Power Bill

2013	16,033,380
2014	16,962,054
2015	17,023,459
2016	17,857,037
2017	17,164,728
**2018 Year to Date Thru Aug.	11,724,524

kWh Purchased

2013	227,743,365
2014	228,499,822
2015	222,762,959
2016	228,093,436
2017	223,195,288
**2018 Year to Date Thru Aug.	163,647,904



Average Cost per kWh Purchased

2013	0.0704
2014	0.0742
2015	0.0764
2016	0.0783
2017	0.0769
**2018 Year to Date Thru Aug.	0.0716

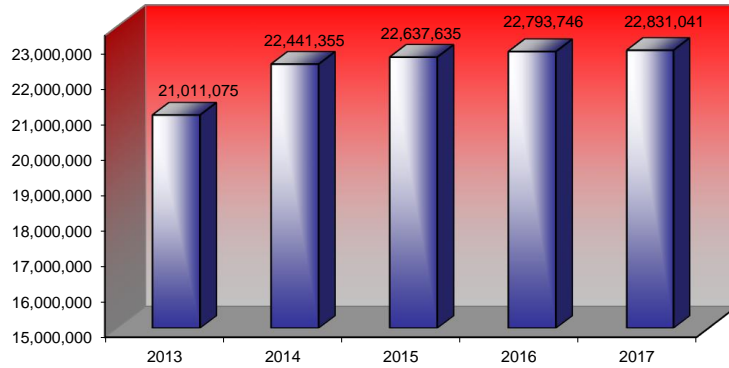
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Statistics

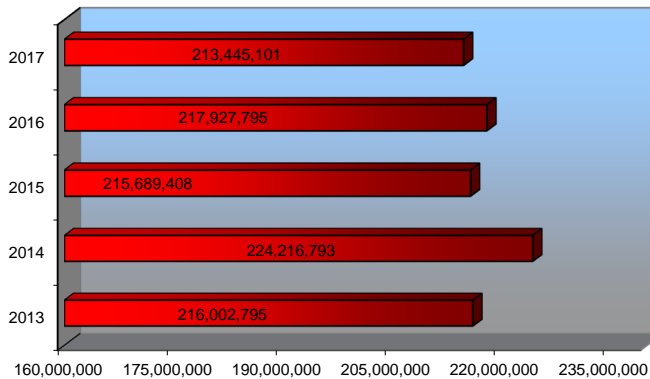
Revenue From Sales

2013	21,011,075
2014	22,441,355
2015	22,637,635
2016	22,793,746
2017	22,831,041
**2018 Year to Date Thru Aug.	15,710,798

Revenue From Sales



kWh Sold



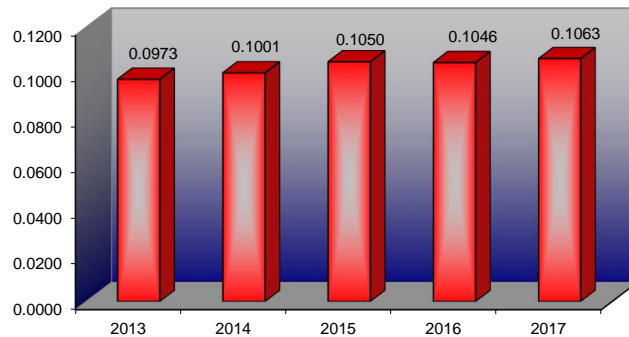
Kilowatt Hours Sold

2013	216,002,795
2014	224,216,793
2015	215,689,408
2016	217,927,795
2017	214,738,713
**2018 Year to Date Thru Aug.	157,420,257

Average Revenue per kWh Sold

2013	0.0973
2014	0.1001
2015	0.1050
2016	0.1046
2017	0.1063
**2018 Year to Date Thru Aug.	0.0998

Average Revenue Per kWh Sold



Lebanon Water Utility

2019 Budget - Final

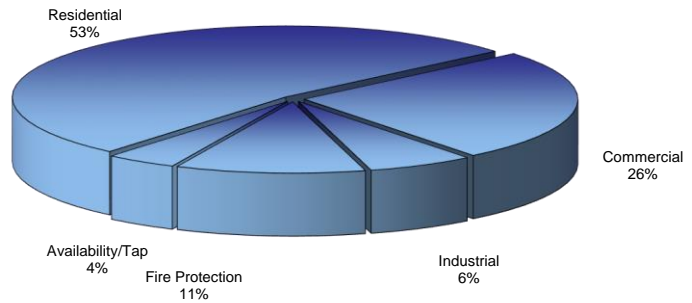
WATER UTILITY 2019 Budget - Final

Revenues

	<u>Actual 2017</u>	<u>Budget 2018</u>	<u>8 Months 2018</u>	<u>Rolling 12 Months</u>	<u>Proposed 2019</u>
Operating Revenue					
Residential	1,613,980	1,649,968	1,167,252	1,713,319	1,922,629
Commercial	755,396	786,289	570,442	821,948	931,074
Industrial	187,100	190,942	139,709	203,325	229,153
Fire Protection	352,381	360,226	246,789	364,528	407,765
Availability Fees	668,380	153,000	23,000	549,000	153,000
Rent	10,341	10,751	5,345	8,383	8,364
Late Penalties	13,242	13,507	10,087	14,723	16,569
Total Revenue from Sales	<u>3,600,820</u>	<u>3,164,683</u>	<u>2,162,624</u>	<u>3,675,226</u>	<u>3,668,554</u>
Other Revenue					
Interest	12,396	11,814	8,038	13,056	12,808
Other	83,017	61,515	76,635	118,327	640,368
Total Other Revenues	<u>95,413</u>	<u>73,329</u>	<u>84,673</u>	<u>131,383</u>	<u>653,175</u>
Total Revenue	<u><u>3,696,233</u></u>	<u><u>3,238,012</u></u>	<u><u>2,247,297</u></u>	<u><u>3,806,609</u></u>	<u><u>4,321,730</u></u>

Note: A growth factor of 2% for residential, commercial and industrial was used in determining the proposed 2019 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	5,836
Commercial	841
Industrial	69
Municipal	5
Total	<u><u>6,751</u></u>
	(As of 08/18)

WATER UTILITY 2019 Budget - Final

Revenues/Expenses

	<u>Actual 2017</u>	<u>Budget 2018</u>	<u>8 Months 2018</u>	<u>Rolling 12 Months</u>	<u>Proposed 2019</u>	
Operating Revenues						
Residential	1,613,980	1,649,968	1,167,252	1,713,319	1,922,629	(1)
Commercial	755,396	786,289	570,442	821,948	931,074	(1)
Industrial	187,100	190,942	139,709	203,325	229,153	(1)
Fire Protection	352,381	360,226	246,789	364,528	407,765	(1)
Availability Fees	668,380	153,000	23,000	549,000	153,000	(1)
Rent	10,341	10,751	5,345	8,383	8,364	(1)
Late Penalties	13,242	13,507	10,087	14,723	16,569	(1)
Total Operating Revenue	<u>3,600,820</u>	<u>3,164,683</u>	<u>2,162,624</u>	<u>3,675,226</u>	<u>3,668,554</u>	
Other Revenue						
Other	83,017	61,515	76,635	118,327	640,368	
Total Other Revenue	<u>83,017</u>	<u>61,515</u>	<u>76,635</u>	<u>118,327</u>	<u>640,368</u>	
Total Revenue (less Interest)	<u>3,683,837</u>	<u>3,226,198</u>	<u>2,239,259</u>	<u>3,793,553</u>	<u>4,308,922</u>	
Purchased Services						
Engineering Fees	224,043	70,000	66,214	107,198	75,000	
Accounting Fees	7,837	7,000	22,573	30,173	10,000	(2)
Legal Fees	43,477	44,959	14,737	28,002	25,555	
Contractual Services - Testing	10,781	7,864	8,500	14,840	14,071	(3)
Contractual Services - IT	67,941	65,136	45,320	54,168	83,823	
Contractual Services - Other	176,187	250,012	86,529	199,730	259,459	(3)
Telephone Expense	16,011	15,644	10,618	16,607	16,246	
Utilities	167,929	162,828	102,977	163,656	162,242	
Total Purchased Services	<u>714,206</u>	<u>623,443</u>	<u>357,468</u>	<u>614,374</u>	<u>646,395</u>	
Wages & Benefits						
Salaries WT	179,203	175,719	104,663	173,500	165,704	(4)
Salaries WD	194,123	188,051	157,098	227,411	247,716	(4)
Meter Reading	66,111	67,466	44,247	65,489	71,362	(4)
Billing Salaries	21,688	20,978	14,725	22,447	25,983	(4)
Administrative Salaries	229,299	256,932	168,533	253,378	260,383	(4)
Office Salaries	118,526	131,188	69,510	110,848	111,113	(4)
Line Locating	31,029	31,848	13,852	23,823	21,401	(4)
Sick/Vacation Leave	161,304	153,344	87,393	158,502	135,022	(4)
FICA Taxes	75,209	76,103	47,509	75,845	74,166	(4)
Pension	210,079	153,977	102,503	210,931	153,755	(5)
Group Insurance	334,723	384,146	245,774	349,488	368,661	(6)
Total Wages & Benefits	<u>1,621,294</u>	<u>1,639,752</u>	<u>1,055,807</u>	<u>1,671,662</u>	<u>1,635,267</u>	

WATER UTILITY 2019 Budget - Final

Revenues/Expenses (Cont.)

	Actual 2017	Budget 2018	8 Months 2018	Rolling 12 Months	Proposed 2019
Operating Supplies & Expense					
Chemicals	48,119	57,000	31,598	49,248	49,289
Materials & Supplies	25,009	16,086	22,636	36,395	35,878
Meter Expense	11,208	10,000	11,948	10,899	14,699
Meter Repair & Maintenance	741	1,000	250	991	697
Office Supplies	10,561	10,182	8,223	12,154	12,989
Janitorial Services	4,324	4,824	3,061	4,732	4,824
Interior Landscaping	0	177	0	0	177
Exterior Landscaping	1,421	1,979	1,225	1,614	2,509
Sand / Gravel / Pavement	12,720	13,933	7,650	8,709	10,294
SCADA Expense	0	285	858	857	1,093
Safety Equipment	610	336	0	610	311
Miscellaneous Equipment	2,823	2,577	12	1,285	1,116
Tools	2,506	3,510	9,110	10,006	12,072
Transportation	18,147	15,260	14,124	22,664	22,364
Insurance	60,337	61,085	71,977	72,210	73,654
Regulatory Expense	6,767	7,011	4,440	7,504	7,224
Well Expense	11,728	13,956	0	5,145	2,624
Dues & Subscriptions	6,418	8,116	4,011	4,353	8,507
Promotional Expense	1,675	10,210	867	1,029	6,210
Employee Recognition	449	1,550	204	417	1,550
Bad Debt Expense	15,652	15,823	0	0	9,171 (7)
Postage	1,301	1,095	900	1,480	1,443
Conferences & Training	12,765	19,093	12,124	19,816	23,077
Uniforms - Cleaning	14,792	13,780	7,125	12,168	11,656
General Maintenance	38,108	40,685	38,950	51,215	55,916
Computer Equipment	5,759	4,371	3,600	3,953	7,750
Software Expense	8,535	6,200	6,505	8,648	12,251
Maintenance Agreements	37,400	69,077	33,633	40,226	54,042
Payment in Lieu of Taxes	132,985	133,307	95,683	142,014	145,625
Depreciation	391,499	398,135	266,859	398,208	407,233
Gross Income Tax	37,200	38,714	19,000	38,200	51,707
Lease Rental Payments - Principal	68,913	70,680	70,680	70,680	72,447 (8)
Lease - Copiers/Printers	4,091	4,067	2,659	3,955	4,051
Bank Fees - Credit Card	38,252	38,500	26,751	39,874	40,800
Miscellaneous	25,734	27,730	12,337	23,706	23,094
Total Operating Supplies & Expense	1,058,549	1,120,334	789,000	1,104,965	1,188,344
Total Expenses	3,394,049	3,383,529	2,202,275	3,391,001	3,470,007
Operating Income	289,788	(157,331)	36,984	402,552	838,915
Interest					
Interest Revenue	12,396	11,814	8,038	13,056	12,808
Interest Expense	(13,323)	(11,623)	(11,624)	(11,623)	(319,882) (9)
Total Interest Revenue (Expense)	(927)	191	(3,586)	1,433	(307,074)
Extraordinary Items					
Gain on Sale of Assets	0	0	0	0	0
Loss on Sale of Assets	0	(5,000)	(4,505)	(4,505)	(5,744)
Total Extraordinary Items	0	(5,000)	(4,505)	(4,505)	(5,744)
Net Margin	288,861	(162,140)	28,893	399,480	526,097

WATER UTILITY 2019 Budget - Final

Notes to Proposed Revenue and Expenses

Note	Description
(1)	An overall growth factor of 2% was used in determining the proposed 2019 revenues. Also, a rate adjustment of approx. 9% will go into affect January 1, 2019.
(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 \$150,000 for clean-up of Iron Slurry.
(4)	Assumes a 3% increase to be split between inflation and merit.
(5)	Due to changes made in the employee make-up assumes a 0% increase in group health insurance.
(6)	Funding of the Defined Benefit Plan and the Defined Contribution Plan. No change budgeted.
(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.

WATER UTILITY 2019 Budget - Final

Capital Additions

Item	Class	Description	Code	Amount	Notes
1	B	Sugar Creek Well Line Loop - Installation of a second water line from the well field to the water treatment plant.	3	1,488,465	
2	A	Indianapolis Avenue Phase II - 16" waterline from Hendricks Dr. to Spencer Ave. Includes Engineering plus Construction.	3	1,360,564	
3	B	SC Electric & Controls to Well Field - Replacement of conductors and signal wire from the plant to wells and controls in the well field. .	3	837,000	
4	B	Williams Street Bridge Reroute - Bridge will be reconstructed, existing waterline resides in the ridge deck.	2	200,000	
5	C	Facility Rehab and Other Projects - Miscellaneous improvements as deemed necessary.	2	150,000	
6	C	Well Improvement and Rehab - Program to maintain and clean wells.	2	120,000	
7	C	Water's Portion of the IT Budget - The estimated cost to the Water Utility for IT Functions.	1	68,920	
8	C	Equipment Repair & Replacement - Misc. repairs for equipment replacement.	2	40,000	
9	C	Automated Meter Infrastructure - Annual amount for meter replacements as needed.	2	30,000	
10	C	Hydrant & Valve Rehab Work - Program to repair or replace hydrants and valves as needed in the system.	2	20,000	
11	D	Water's Portion of Administration Vehicles - Water's portion of administrative vehicle replacements in agreement with our vehicle replacement program.	2	-	(a),(b)
TOTAL				4,314,949	
Operational Cash Flow				68,920	
Bond Funds				3,686,029	
Other				560,000	
TOTAL				4,314,949	

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
2019 Budget - Final**

Capital Projects - 5 Years Beyond Fiscal Year 2019

Item	Description	Projected 2020	Projected 2021	Projected 2022	Projected 2023	Projected 2024	Total Amount
1	Water Main Loop - Elizaville and John Bart 24" water main to loop east side of system.	0	0	0	0	2,245,000	2,245,000 (Bond)
2	Indianapolis Avenue - Phase III 16" waterline from Spencer Ave. to Busby.	2,145,000 (Bond)	0	0	0		2,145,000 (Bond)
3	Connection to WU Capital Recovery and Phase I.	0	0	1,500,000	0		1,500,000 (Bond)
4	Water Main Loop - Edwards to SR39 12" water main to loop business park.	0	1,270,000 (Bond)	0	0		1,270,000 (Bond)
5	Grant Street - Foridice to Prairie Creek 8" water main upgrade.	0	755,000 (Bond)	0	0		755,000
6	Facility Rehab and Other Projects Miscellaneous improvements as deemed necessary by staff.	150,000	150,000	150,000	150,000	150,000	750,000
7	Green Street Water main replacement on Green St. from East to Noble.	465,000 (Bond)	0	0	0		465,000 (Bond)
8	Equipment Repair & Replacement Miscellaneous repairs and replacement.	160,000	48,500	40,000	105,000	51,000	404,500
9	5 Year Vehicle/Mower Replacement Program Ongoing program including support departments, IT, Meter Engineering	130,850	49,350	4,167	95,133	81,000	360,500
10	Well Improvement Program Program to maintain and clean wells We have 10 active wells and work on 2 wells per year	70,000	70,000	70,000	70,000	70,000	350,000
11	AMI Replacement Program Ongoing Program for AMR/AMI System	30,000	30,000	30,000	30,000	30,000	150,000
12	Hydrant & Valve Replacement Program Program to replace the bourbon and old hydrants.	20,000	20,000	20,000	20,000	20,000	100,000
13	IT Budget See IT capital budget for breakdown.	4,650	26,350	20,150	4,650	4,650	60,450
Total		<u>3,175,500</u>	<u>2,419,200</u>	<u>1,834,317</u>	<u>474,783</u>	<u>2,651,650</u>	<u>10,555,450</u>

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

Water Utility

Projected Cash Analysis

	2019	2020	2021	2022	2023	2024
Total Cash & Investments - Beginning of Year Not Restricted by Ordinance/Regulation	3,112,169	3,441,295	5,960,781	4,287,923	3,268,768	3,371,248
Add:						
Projected Operating Income (A)	4,308,922	4,130,711	4,459,701	4,814,894	4,769,153	4,723,846
Interest	12,808	17,206	29,804	21,440	16,344	16,856
Bond Proceeds	3,345,000	4,910,000	-	-	-	-
Repayment from the Wastewater Utility - Availability	180,000	80,864	-	-	-	-
Depreciation	407,233	415,378	423,685	432,159	440,802	449,618
Less:						
Projected Operational Expenses (B)	(3,470,007)	(3,641,078)	(3,820,583)	(4,008,938)	(4,206,578)	(4,413,963)
Bond Principal and Interest	(130,000)	(210,000)	(340,000)	(440,000)	(440,000)	(440,000)
Lease Interest Expense	(9,881)	(8,096)	(6,266)	(4,394)	(2,457)	(498)
Estimated Cash & Investments Before Capital Expenditures Not Restricted by Ordinance/Regulation	7,756,244	9,136,281	6,707,123	5,103,084	3,846,031	3,707,108
Less:						
Projected Capital Expenditures	(4,314,949)	(3,175,500)	(2,419,200)	(1,834,317)	(474,783)	(2,651,650)
Estimated Cash & Investments - End of Year Not Restricted by Ordinance/Regulation	3,441,295	5,960,781	4,287,923	3,268,768	3,371,248	1,055,458
Less: Two Months of Average Operation Expense	(578,334)	(606,846)	(636,764)	(668,156)	(701,096)	(735,660)
Available Cash & Investments - End of Year Not Restricted by Ordinance/Regulation	<u>2,862,961</u>	<u>5,353,935</u>	<u>3,651,159</u>	<u>2,600,611</u>	<u>2,670,151</u>	<u>319,797</u>

(A) Prior year plus decrease of 0.95% 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 20,21 and 22.

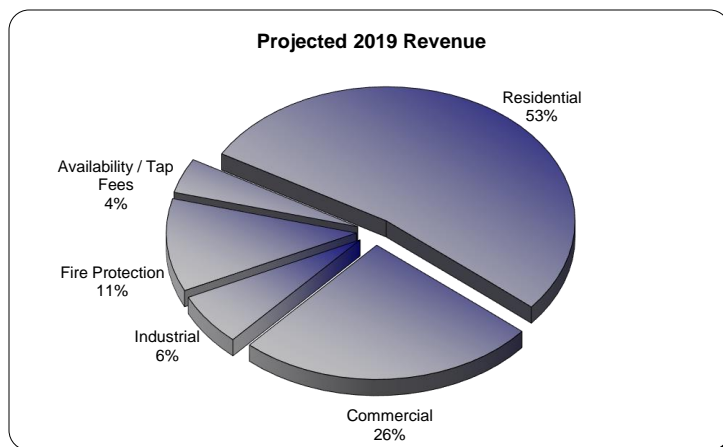
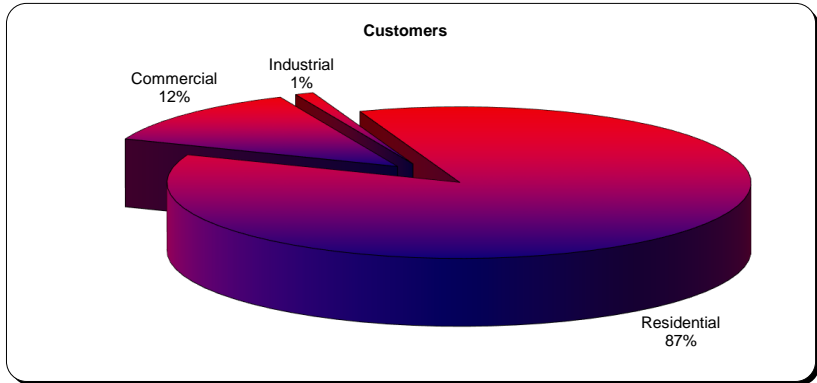
(B) Prior year plus increase of 4.93% which is the average change in the last 10 years. Takes into account 2 highest years/2 lowest years/rate adjustments.

WATER UTILITY 2019 Budget - Final

Statistics

Number of Customers

Residential	5,836
Commercial	841
Industrial	69
Municipal	5



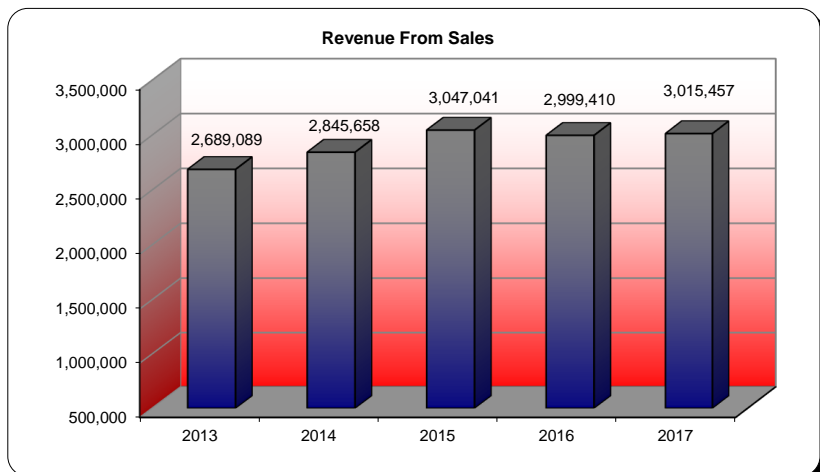
Projected 2019 Revenue

Residential	1,922,629
Commercial	931,074
Industrial	229,153
Fire Protection	407,765
Availability / Tap Fees	153,000

Revenue From Sales

2013	2,689,089
2014	2,845,658
2015	3,047,041
2016	2,999,410
2017	3,015,457
**2018 Year to Date Thru Aug.	2,216,259

***Does not include Availability Fees



WATER UTILITY 2019 Budget - Final

Statistics

Gallons Pumped (Series 1)

2013	532,727,000
2014	544,567,000
2015	610,432,000
2016	633,820,000
2017	584,075,000

**2018 Year to Date Thru Aug.

392,136,000

Gallons Sold (Series 2)

2013	470,585,547 *
2014	469,658,515 *
2015	467,628,601 *
2016	470,805,471 *
2017	475,208,362 *

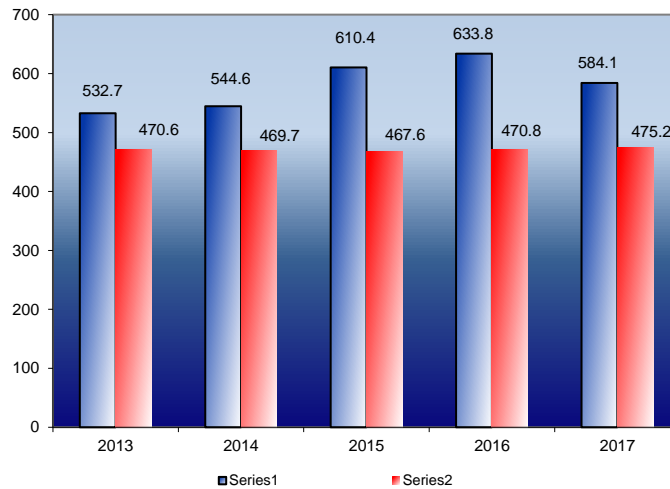
**2018 Year to Date Thru Aug.

333,752,646 *

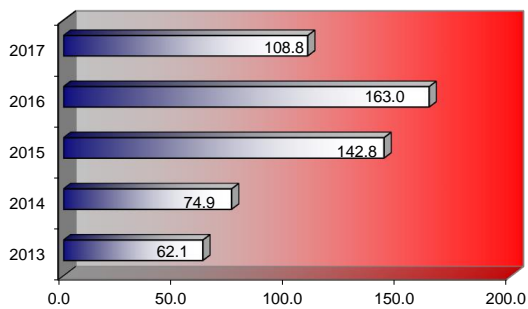
Yearly Backflush

Add *	10,200,000
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Gallons Pumped (Millions)



Water Loss (Millions)



Water Loss (Millions)

2013	62,141,453
2014	74,908,485
2015	142,803,399
2016	163,014,529
2017	108,866,638

**2018 Year to Date Thru Aug.

58,383,354

Lebanon Wastewater Utility

2019 Budget - Final

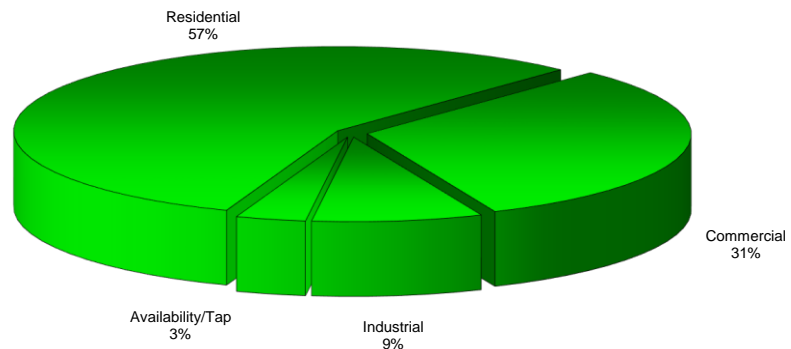
WASTEWATER UTILITY 2019 Budget - Final

Revenues

	<u>Actual 2017</u>	<u>Budget 2018</u>	<u>8 Months 2018</u>	<u>Rolling 12 Months</u>	<u>Proposed 2019</u>
Operating Revenue					
Residential	2,801,885	2,868,649	1,606,800	2,851,280	2,917,999
Commercial	1,505,086	1,574,760	858,412	1,570,268	1,623,372
Industrial	400,402	406,910	241,715	425,646	438,471
Availability Fees	616,828	180,000	48,392	567,850	180,000
Tap Fees	0	0	467	141,839	80,928
Inspection Fees	5,123	4,872	3,250	4,500	4,475
Late Penalties	74,365	75,940	46,618	76,994	78,479
Total Revenue from Sales	<u>5,403,689</u>	<u>5,111,131</u>	<u>2,805,654</u>	<u>5,638,377</u>	<u>5,323,725</u>
Other Revenue					
Other	98,004	56,414	53,470	97,713	90,738
Interest	9,735	8,073	9,246	14,187	12,575
Total Other Revenues	<u>107,739</u>	<u>64,487</u>	<u>62,716</u>	<u>111,900</u>	<u>103,313</u>
Total Revenue	<u><u>5,511,428</u></u>	<u><u>5,175,618</u></u>	<u><u>2,868,370</u></u>	<u><u>5,750,277</u></u>	<u><u>5,427,038</u></u>

Note: A growth factor of 2% for residential, commercial and industrial was used in determining the proposed 2019 revenues.

Projected Revenue by Rate Class



<u>Rate Class</u>	<u>Number of Customers</u>
Residential	5,655
Commercial	796
Industrial	66
Total	<u><u>6,517</u></u>
	(As of 08/18)

WASTEWATER UTILITY

2019 Budget - Final

Revenues/Expenses

	Actual 2017	Budget 2018	8 Months 2018	Rolling 12 Months	Proposed 2019	
Operating Revenues						
Residential	2,801,885	2,868,649	1,913,524	2,851,280	2,917,999	(1)
Commercial	1,505,086	1,574,760	1,075,210	1,570,268	1,623,372	(1)
Industrial	400,402	406,910	289,401	425,646	438,471	(1)
Availability Fees	616,828	180,000	1,750	567,850	180,000	(1)
Surcharges	0	0	117,018	141,839	80,928	(1)
Inspection Fees	5,123	4,872	2,850	4,500	4,475	(1)
Late Penalties	74,365	75,940	51,258	76,994	78,479	(1)
Total Operating Revenues	5,403,689	5,111,131	3,451,011	5,638,377	5,323,725	
Other Revenues						
Other	98,004	56,414	53,470	97,713	90,738	
Total Other Revenue	98,004	56,414	53,470	97,713	90,738	
Total Revenue (less Interest)	5,501,693	5,167,545	3,504,481	5,736,090	5,414,463	
Purchased Services						
Engineering Fees	90,727	70,000	74,264	106,229	130,000	(2)
Accounting Fees	7,837	7,000	26,512	34,112	13,500	(3)
Legal Fees	47,693	49,106	12,403	24,528	21,998	
Contractual Services - Sludge Removal	127,793	200,000	181,729	210,259	130,000	
Contractual Services - IT	67,941	65,136	45,320	54,168	83,823	
Contractual Services - Other	110,938	90,512	83,477	159,762	128,259	(4)
Telephone Expense	15,053	14,438	11,291	17,429	17,526	
Utilities	312,596	327,055	187,482	281,627	287,054	
Total Purchased Services	780,578	823,247	622,478	888,114	812,159	
Wages & Benefits						
Salaries WWC	181,643	178,006	115,509	182,211	183,461	(5)
Salaries WWT	195,332	194,983	125,300	195,203	198,589	(5)
Meter Reading	62,628	63,809	40,353	60,776	65,345	(5)
Line Locating	17,754	17,984	10,393	16,483	16,057	(5)
Mapping	9,877	8,782	2,453	6,672	3,790	(5)
Billing Salaries	21,688	20,978	14,725	22,447	25,983	(5)
Laboratory Salaries	54,950	53,681	36,507	56,563	56,403	(5)
Administrative Salaries	229,299	256,932	168,533	253,379	260,383	(5)
Office Salaries	118,809	131,577	70,160	111,498	112,117	(5)
Vacation/Sick Leave	161,248	150,317	88,751	160,552	137,120	(5)
FICA Taxes	77,954	79,124	48,676	77,685	75,969	(5)
Pension	225,525	163,056	110,532	228,228	165,798	(6)
Group Insurance	353,135	403,420	273,543	383,789	410,315	(7)
Total Wages & Benefits	1,709,842	1,722,649	1,105,435	1,755,486	1,711,332	

WASTEWATER UTILITY
2019 Budget

Revenues/Expenses (Cont.)

	Actual 2017	Budget 2018	8 Months 2018	Rolling 12 Months	Proposed 2019
Operating Supplies & Expense					
Chemicals	73,184	45,000	80,694	123,245	110,000
Materials & Supplies	9,697	1,372	1,865	10,826	6,948
Lab	11,384	11,484	9,131	12,172	13,193
Liftstations	17,935	21,858	11,573	16,031	17,029
Office Supplies	11,381	15,505	8,687	14,005	14,288
Janitorial Services	4,324	4,824	3,061	4,732	4,824
Interior Landscaping	0	177	0	0	177
Exterior Landscaping	1,421	1,979	1,189	1,578	2,509
Meter Expense	7,024	8,334	0	21	11
Safety Equipment	457	219	0	457	233
SCADA Equipment	16,781	16,920	3,912	9,928	8,056
Sand / Gravel / Pavement	996	870	684	1,096	1,082
Miscellaneous Equipment	6,056	8,508	165	1,468	1,326
General Maintenance	45,177	49,273	29,219	48,318	46,995
Transportation	11,814	9,124	10,022	16,042	15,848
Computer Equipment	6,476	4,371	3,904	4,321	7,750
Software Expense	8,831	6,200	6,618	8,943	12,251
Maintenance Agreements	32,585	64,927	34,369	39,592	54,281
Insurance	60,985	61,746	73,789	74,023	75,503
Promotional Expense	1,675	10,210	867	1,029	6,209
Employee Recognition	948	1,550	204	417	1,550
Regulatory Expense	9,500	9,690	9,500	14,250	14,535
Bad Debt Expense	24,447	25,558	0	0	13,309 (8)
Dues & Subscriptions	3,331	6,615	2,671	2,530	6,507
Postage	624	444	839	1,280	1,295
Conferences & Training	15,178	21,793	11,690	22,485	24,676
Uniforms	16,282	14,439	7,747	13,908	13,020
Safety Training Expense	5,625	5,755	4,998	6,580	7,179
Payment in Lieu of Taxes	208,877	210,616	139,574	211,288	214,531
Depreciation Expense	774,587	785,268	525,543	788,397	804,081
Amortization - Deferred Costs	9,356	9,360	6,238	9,360	9,360
Lease Rental Payments - Principal	68,913	70,680	70,680	70,680	72,447 (9)
Lease - Copiers/Printers	4,091	4,067	2,659	3,955	4,051
Bank Fees - Credit Card	38,252	38,892	26,751	39,874	40,929
Miscellaneous	21,982	27,203	45,878	52,745	63,563
Total Operating Supplies & Expense	1,530,176	1,574,831	1,134,721	1,625,576	1,689,546
Total Expenses	4,020,596	4,120,727	2,862,634	4,269,176	4,213,037
Operating Income	1,481,097	1,046,818	641,847	1,466,914	1,201,426
Interest					
Interest Revenue	9,735	8,073	9,246	14,187	12,575
Interest Expense	(261,170)	(412,651)	(70,357)	(241,793)	(447,297) (10)
Total Interest Revenue (Expense)	(251,435)	(404,578)	(61,111)	(227,606)	(434,722)
Extraordinary Items					
Gain on Sale of Assets	0	0	0	0	0
Loss on Sale of Assets	0	(5,000)	0	0	(5,000)
Total Extraordinary Items	0	(5,000)	0	0	(5,000)
NET MARGIN	1,229,662	637,240	580,736	1,239,308	761,704

WASTEWATER UTILITY

2019 Budget - Final

Notes to Proposed Revenue and Expenses

Note	Description
(1)	An overall growth factor of 2% was used in determining the proposed 2019 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 to be split between inflation and merit.
(6)	Due to changes made in the employee make up assumes a 0% increase in group health insurance.
(7)	Funding of the Defined Benefit Plan and the Defined Contribution Plan. No increase budgeted.
(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

2019 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	7,280,000	
2	B	Hendricks Drive Forcemain Reroute - Reroute of thei forcemain would help to reduce downstream issues in wet periods.	1	250,000	
3	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	238,500	
4	C	Line Repair/Replacement & Manhole Rehab Program - Ongoing project to help reduce infiltration.	2	120,000	
5	B	Collection System Repairs and Upgrades - Used for various repairs and upgrades in the collection system.	2	70,000	
6	C	Wastewater's Portion of the IT Budget - The estimated cost to the Wastewater Utility for IT Functions.	1	68,920	
7	B	WWTP Repairs and Upgrades - Used for various repairs and upgrades at WWTP.	2	60,000	
8	B	Equipment Replacement - Replace equipment as needed.	2	40,000	
9	C	Automated Meter Infrastructure - Annual amount for meter replacements as needed.	2	30,000	

WASTEWATER UTILITY

2019 Budget - Final

Capital Additions (Cont)

Item	Class	Description	Code	Amount	Notes
10	D	Wastewater's Portion of Administration Vehicles - Wastewater's portion of administrative vehicle replacements in agreement with our vehicle replacement program.	2	0	(a),(b)
TOTAL				8,157,420	
Operational Cash Flow				557,420	
Bond Proceeds				7,280,000	
Other				320,000	
TOTAL				8,157,420	

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
2019 Budget Final

Capital Projects - 5 Years Beyond Fiscal Year 2019

Item	Description	Projected 2020	Projected 2021	Projected 2022	Projected 2023	Projected 2024	Total Amount
1	Lift Station on Indianapolis Avenue Replacement of existing can style lift station.	0	0	0	1,250,000	0	1,250,000
2	WWTP Improvements Grit removal, secondary aeration and clarification RAS/WAS pumping, UV disinfection, EQ basin demo and piping/hydraulic mods.	869,200	0	0	0	0	869,200
3	Line Repair and Replacement & Manhole Program Ongoing project to help with infiltration.	120,000	120,000	120,000	120,000	120,000	600,000
4	Simplicity Lift Station Installing new gravity flow to the Essex Dr. LS east of Grant.	0	0	600,000	0	0	600,000
5	Grant Street Sanitary Project Reroute of sanitary sewer lines to eliminate various pipes in PC.	0	530,000	0	0	0	530,000
6	Green Street Sewer Reconfiguration of sewer to aid in wet weather issues.	0	0	0	0	400,000	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	10 Year Vehicle/Equipment Replacement Program Ongoing program and includes wastewater's portion of multi-departmental equipment replacement program- five of ten years.	10,850	130,850	21,167	101,633	122,500	387,000
9	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
10	WWTP Repairs and Upgrades Various repairs and upgrades at WWTP.	60,000	60,000	60,000	60,000	60,000	300,000
11	Equipment Replacement Replace equipment as needed.	40,000	57,000	74,000	55,000	55,000	281,000
12	AMI Replacement Program Ongoing Program for AMR/AMI System	30,000	30,000	30,000	30,000	30,000	150,000
13	IT Budget See IT capital budget for breakdown.	4,650	26,350	20,150	4,650	4,650	60,450
Total		<u>1,604,700</u>	<u>1,024,200</u>	<u>995,317</u>	<u>1,691,283</u>	<u>862,150</u>	<u>6,177,650</u>

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

WASTEWATER UTILITY

Projected Cash Analysis

	2019	2020	2021	2022	2023	2024
Total Cash & Investments - Beginning of Year						
Not Restricted by Ordinance/Regulation	10,818,841	3,486,576	2,693,902	2,402,005	1,956,660	610,647
Add:						
Projected Operating Income (A)	5,414,463	5,451,282	5,488,350	5,525,671	5,563,246	5,601,076
Interest	12,575	17,433	13,470	12,010	9,783	3,053
Depreciation & Amortization	813,441	837,844	862,979	888,869	915,535	943,001
Bond Proceeds	-	-	-	-	-	-
Less:						
Projected Operational Expenses (B)	(4,213,037)	(4,385,013)	(4,594,173)	(4,839,502)	(5,097,931)	(5,370,161)
Repayment to Water Utility - Availability	(180,000)	(80,864)	0	-	-	-
Bond Principal & Interest Payments	(1,022,287)	(1,028,655)	(1,038,323)	(1,037,076)	(1,045,362)	(1,048,108)
Estimated Cash & Investments Before Capital Expenditures						
Not Restricted by Ordinance/Regulation	11,643,995	4,298,602	3,426,205	2,951,977	2,301,930	739,508
Less:						
Projected Capital Expenditures	(8,157,420)	(1,604,700)	(1,024,200)	(995,317)	(1,691,283)	(862,150)
Estimated Cash & Investments - End of Year						
Not Restricted by Ordinance/Regulation	3,486,576	2,693,902	2,402,005	1,956,660	610,647	(122,642)
Less: Two Months of Average Operation Expense	(702,173)	(730,836)	(765,696)	(806,584)	(849,655)	(895,027)
Available Cash & Investments - End of Year						
Not Restricted by Ordinance/Regulation	<u>2,784,403</u>	<u>1,963,066</u>	<u>1,636,309</u>	<u>1,150,076</u>	<u>(239,008)</u>	<u>(1,017,669)</u>

(A) Prior year plus increase of 0.68% 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.

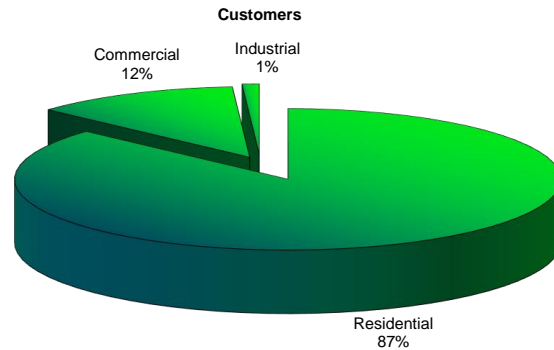
(B) Prior year plus increase of 5.34% which is the average change in the last 10 years. Takes into account 2 highest years/2 lowest years/rate adjustments.

WASTEWATER UTILITY 2019 Budget - Final

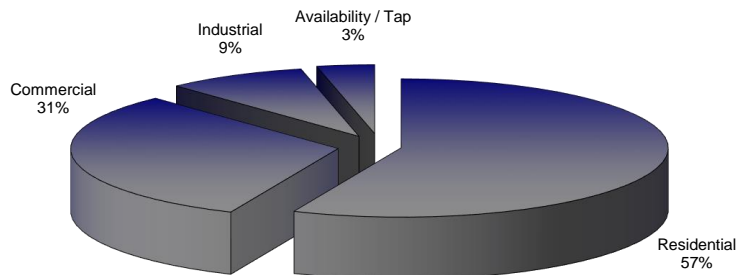
Statistics

Number of Customers

Residential	5,655
Commercial	796
Industrial	66



Projected 2019 Revenue



Projected 2019 Revenue

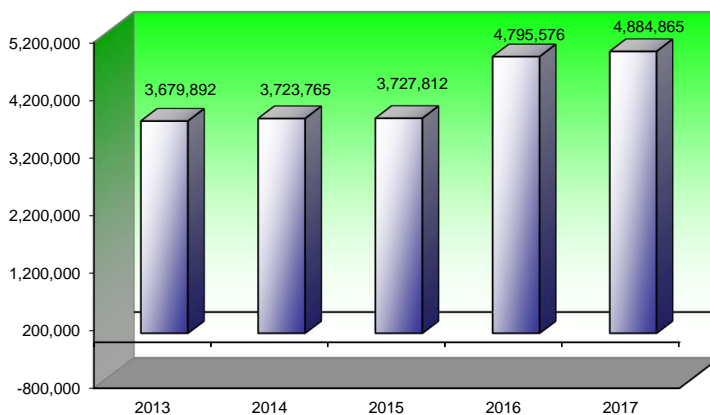
Residential	2,917,999
Commercial	1,623,372
Industrial	438,471
Availability / Tap	180,000

Revenue From Sales

2013	3,679,892
2014	3,723,765
2015	3,727,812
2016	4,795,576
2017	4,884,865
**2018 Year to Date Thru Aug.	3,502,731

***Does not include Availability Fees.

Revenue from Sales

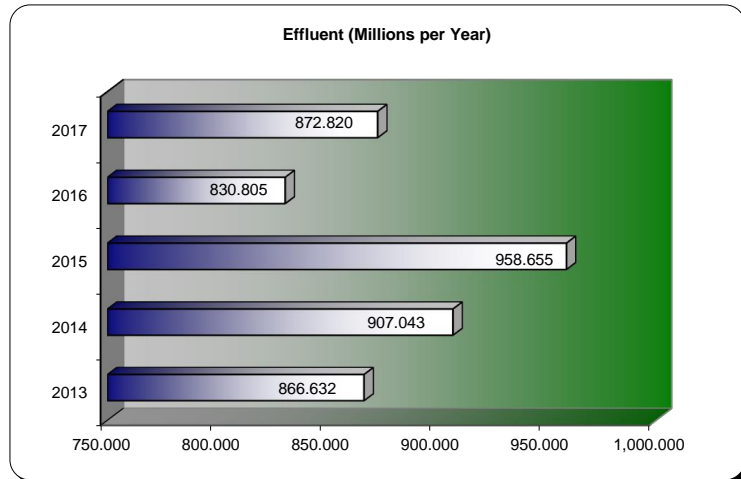


WASTEWATER UTILITY 2019 Budget - Final

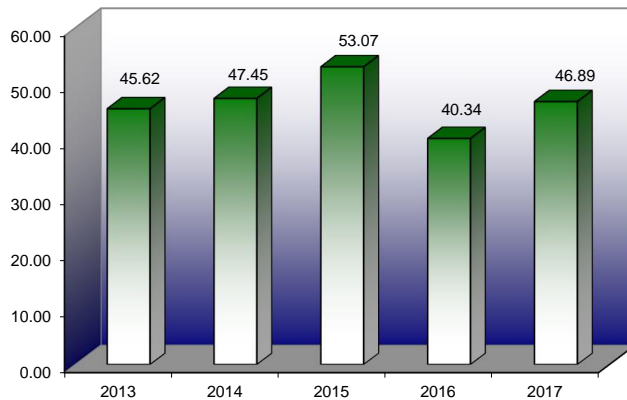
Statistics

Effluent (1,000,000 Gallons)

2013	866.632
2014	907.043
2015	958.655
2016	830.805
2017	872.820
**2018 Year to Date Thru Aug.	565.841



Rainfall (Inches)



Rainfall (Inches)

2013	45.62
2014	47.45
2015	53.07
2016	40.34
2017	46.89
**2018 Year to Date Thru Aug.	30.19

Telecommunications Division

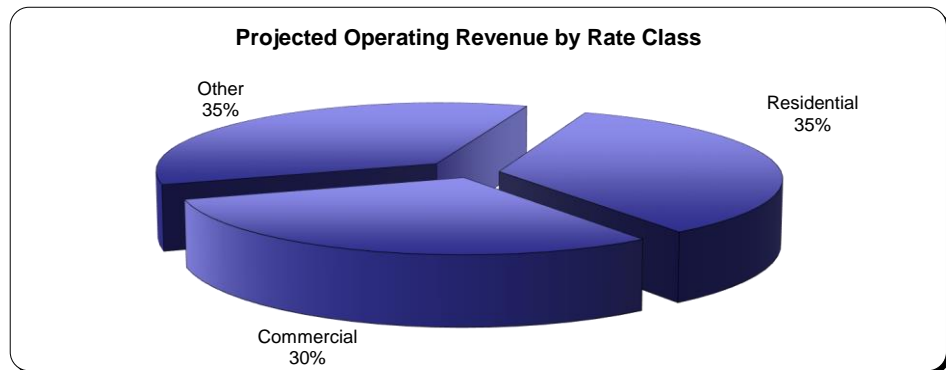
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TELECOMMUNICATIONS DIVISION
2019 Budget - Final

Revenues

	<u>Actual 2017</u>	<u>Budget 2018</u>	<u>8 Months 2018</u>	<u>Rolling 12 Months</u>	<u>Proposed 2019</u>
Operating Revenue					
Residential	252,538	254,828	172,662	258,048	263,691
Commercial	104,206	99,729	86,597	126,223	130,620
Custom Commercial	97,510	98,986	63,012	96,093	97,212
Installations	15,139	16,822	4,497	7,609	7,321
Equipment	238,788	239,312	167,510	249,432	255,355
Set-up Charges	4,650	4,871	2,490	4,050	3,970
Late Penalties	3,855	4,052	2,775	3,581	3,949
Total Revenue from Sales	<u>716,686</u>	<u>718,600</u>	<u>499,543</u>	<u>745,036</u>	<u>762,119</u>
Other Revenue					
Interest	761	651	692	1,027	1,053
Other	47,666	22,842	53,252	70,087	56,476
Total Other Revenues	<u>48,427</u>	<u>23,493</u>	<u>53,944</u>	<u>71,114</u>	<u>57,529</u>
Total Revenue	<u><u>765,113</u></u>	<u><u>742,093</u></u>	<u><u>553,487</u></u>	<u><u>816,150</u></u>	<u><u>819,647</u></u>

Note: An average growth factor of 2% was used in determining the proposed 2019 revenues.



<u>Rate Class</u>	<u>Number of Customers</u>
Wireless	1,056
Fiber	13
Total	<u><u>1,069</u></u>
	(As of 8-18)

TELECOMMUNICATIONS DIVISION
2019 Budget - Final

Revenues/Expenses

	<u>Actual 2017</u>	<u>Budget 2018</u>	<u>8 Months 2018</u>	<u>Rolling 12 Months</u>	<u>Proposed 2019</u>	
Operating Revenues						
Residential	252,538	254,828	172,662	258,048	263,691	(1)
Commercial	104,206	99,729	86,597	126,223	130,620	(1)
Custom Commercial	97,510	98,986	63,012	96,093	97,212	(1)
Installations	15,139	16,822	4,497	7,609	7,321	(1)
Equipment	238,788	239,312	167,510	249,432	255,355	(1)
Set-up Charges	4,650	4,871	2,490	4,050	3,970	(1)
Late Penalties	3,855	4,052	2,775	3,581	3,949	(1)
Total Operating Revenue	<u>716,686</u>	<u>718,600</u>	<u>499,543</u>	<u>745,036</u>	<u>762,119</u>	
Other Revenue						
Other	47,666	22,842	53,252	70,087	56,476	
Total Other Revenue	<u>47,666</u>	<u>22,842</u>	<u>53,252</u>	<u>70,087</u>	<u>56,476</u>	
Total Revenue (less Interest)	<u>764,352</u>	<u>741,442</u>	<u>552,795</u>	<u>815,123</u>	<u>818,594</u>	
Purchased Services						
Bandwidth	69,775	68,282	49,075	73,189	74,869	
Telephone	2,898	2,834	2,444	3,530	3,670	
Contractual Services - Other	10,911	15,422	10,636	17,630	17,656	(2)
Contractual Services - IT	29,074	27,137	19,827	26,422	18,927	
Accounting Fees	54	64	13,506	13,506	10,000	(3)
Legal Fees	4,574	3,942	1,660	3,809	3,212	
Utilities	9,954	10,047	5,869	9,045	9,103	
Total Purchased Services	<u>127,240</u>	<u>127,728</u>	<u>103,017</u>	<u>147,131</u>	<u>137,437</u>	
Wages & Benefits						
Customer Install	39,851	40,060	23,201	37,152	55,846	(4)
Billing	2,034	1,967	1,381	2,105	2,434	(4)
Administrative	27,374	27,189	17,906	27,654	27,665	(4)
Office Personnel	75,893	77,564	50,881	78,467	79,451	(4)
Sick/Vacation Pay	17,417	15,572	11,882	19,632	18,358	(4)
FICA Taxes	11,687	11,751	7,628	11,877	12,808	(4)
Group Insurance	57,243	66,498	43,949	61,566	87,524	(5)
Pension	34,406	25,979	17,628	34,909	27,242	(6)
Total Wages & Benefits	<u>265,905</u>	<u>266,580</u>	<u>174,456</u>	<u>273,362</u>	<u>311,327</u>	

TELECOMMUNICATIONS DIVISION
2019 Budget - Final

Revenues/Expenses (Cont.)

	Actual 2017	Budget 2018	8 Months 2018	Rolling 12 Months	Proposed 2019
Operating Supplies & Expense					
Tools & Equipment	1,528	1,593	265	560	590
Installation Supplies	5,655	5,699	2,848	4,639	4,545
Tower Rent	18,071	19,576	15,440	19,176	21,591
Maintenance of Equipment	970	1,045	133	246	227
General Maintenance	2,355	2,769	1,741	2,461	2,587
Office Supplies	992	894	627	1,075	1,028
Janitorial Services	1,089	1,089	691	1,050	1,089
Interior Landscaping	0	39	0	0	39
Exterior Landscaping	597	447	500	662	567
Miscellaneous Equipment	182	153	0	173	189
Communications Equipment	1,793	1,353	1,106	1,876	1,803
Fiber	1,648	1,961	244	1,892	1,152
Computer Equipment	2,012	1,200	2,599	3,350	1,750
Software Expense	1,496	2,900	867	1,226	2,767
Maintenance Agreements	5,234	8,536	4,835	5,961	8,498
Dues & Subscriptions	1,410	2,120	1,974	1,990	8,779
Postage	85	72	74	133	124
Insurance	22,525	22,921	5,752	5,805	5,867
Conference & Training	3,517	3,421	1,347	3,282	3,771
Promotion	300	370	5	20	370
Employee Recognition	20	350	35	42	350
Transportation	3,718	3,400	2,967	4,591	4,611
Freight / Shipping	4,053	3,204	1,023	2,619	2,118
Payment in Lieu of Taxes	2,508	2,695	1,622	2,337	2,433
Depreciation Expense	40,840	40,902	29,440	43,730	44,824
Gross Income Tax	10,000	10,795	5,500	8,500	8,543
Bad Debt Expense	3,272	3,894	476	476	607 (7)
Lease Rental Payments - Principal	15,561	15,960	15,960	15,960	16,359 (8)
Lease - Copiers/Printers	964	479	561	892	884
Bank Fees - Credit Card	3,586	3,608	2,508	3,739	3,826
Miscellaneous	31,034	27,140	20,015	37,040	34,202
Total Operating Supplies & Expense	187,015	190,585	121,155	175,503	186,089
Total Expenses	580,160	584,893	398,628	595,996	634,853
Operating Income	184,192	156,549	154,167	219,127	183,741
Interest					
Interest Revenue	761	651	692	1,027	1,053
Interest Expense	(3,008)	(2,627)	(2,625)	(2,624)	(2,232) (9)
Total Interest Revenue (Expense)	(2,247)	(1,976)	(1,933)	(1,597)	(1,179)
Extraordinary Items					
Gain on Sale of Assets	0	0	0	0	0
Loss on Sale of Assets	(3,289)	(5,000)	(1,131)	(1,557)	(5,000)
Total Extraordinary Items	(3,289)	(5,000)	(1,131)	(1,557)	(5,000)
Net Margin	178,656	149,573	151,103	215,973	177,563

TELECOMMUNICATIONS DIVISION
2019 Budget - Final

Notes to Proposed Revenue and Expenses

Note	Description
(1)	The revenue numbers are based on a 2% increase in revenue for 2019.
(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 to be split between inflation and merit.
(5)	Due to changes made in the employee make up assumes a 0% increase in group health insurance.
(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
2019 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.	2	45,000	
2	C	Telecom's Portion of the IT Budget - The estimated cost to the Telecommunication Utility for IT Functions.	1	15,563	
3	C	Wireless Maintenance & Upgrades - Annual amount for routine break/fix and required upgrades. This will cover approx. 100 customers.	2	13,000	
4	B	Fiber Customer Installs - Money for new installs.	2	10,000	
5	C	Fiber Maintenance & Upgrades - Annual amount for routine break/fix and required upgrades. Air blown Fiber to Elm Street Water Tower.	2	10,000	
6	C	Tower AP Upgrades - Additional access points, antennas or upgrade access points to provide faster service.	2	7,000	
7	C	Backhaul Upgrades - To maintain or upgrade the radios that feed the different locations.	2	7,000	
8	B	Router/Switch Upgrades - Upgrade routing and switching infrastructure for the internet service.	2	1,000	
9	C	Telecom's Portion of the Administration Vehicles - Telecom's portion of administrative vehicle replacements in agreement with our vehicle replacement program.	2	-	(a),(b)
TOTAL				<u>108,563</u>	
Operational Cash Flow				15,563	
Other				<u>93,000</u>	
TOTAL				<u>108,563</u>	

Code:

1 Operational Cash Flow
2 Reserves
3 Bonding
4 Other

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

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
2019 Budget - Final

Capital Projects - 5 Years Beyond Fiscal Year 2019

Item	Description	Projected 2020	Projected 2021	Projected 2022	Projected 2023	Projected 2024	Total Amount
1	Wireless Customer Equipment Equipment on customer premises.	13,000	13,000	13,000	13,000	13,000	65,000
2	10 Year Vehicle Replacement Program Ongoing program and includes telecoms portion of multi-departmental equipment replacement program-five of ten years.	2,450	2,450	0	39,600	25,000	69,500
3	CPE Upgrades Upgrade existing customer equipment.	0	0	50,000	0	0	50,000
4	Fiber Customer Installs Fiber to new businesses.	10,000	10,000	10,000	10,000	10,000	50,000
5	Fiber Upgrades Major maintenance and repair.	10,000	10,000	10,000	10,000	10,000	50,000
6	Tower AP Upgrades Additional access points, antennas or upgrade access points to provide for faster service.	10,000	0	10,000	0	10,000	30,000
7	Backhaul upgrades To maintain or upgrade the radios that feed the remote locations.	0	10,000	0	10,000	10,000	30,000
8	IT Budget See IT capital budget for breakdown.	1,050	5,950	4,550	1,050	1,050	13,650
9	Router/Switch Upgrades Upgrade routing and switching infrastructure for the internet service.	0	1,000	0	1,000	0	2,000
Total		46,500	52,400	97,550	84,650	79,050	360,150

Telecommunications Division

Projected Cash Analysis

	2019	2020	2021	2022	2023	2024
Total Cash & Investments - Beginning of Year						
Not Restricted by Ordinance/Regulation	418,974	388,013	375,431	362,434	349,890	356,423
Add:						
Projected Operating Income (A)	818,594	834,966	851,666	868,699	886,073	903,794
Interest	1,053	1,940	1,867	1,791	1,717	1,739
Depreciation & Amortization	45,431	46,794	48,198	49,643	51,133	52,667
Less:						
Projected Operational Expenses (B)	(634,853)	(647,550)	(660,501)	(673,711)	(687,185)	(700,929)
Interest on Lease	(2,624)	(2,232)	(1,826)	(1,416)	(554)	(112)
Repayment of Loan	(150,000)	(200,000)	(200,000)	(160,000)	(160,000)	(160,000)
Estimated Cash & Investments Before Capital Expenditures						
Not Restricted by Ordinance/Regulation	496,575	421,931	414,834	447,440	441,073	453,582
Less:						
Projected Capital Expenditures	(108,563)	(46,500)	(52,400)	(97,550)	(84,650)	(79,050)
Estimated Cash & Investments - End of Year						
Not Restricted by Ordinance/Regulation	388,013	375,431	362,434	349,890	356,423	374,532
Less: Two Months of Average Operation Expense	(105,809)	(107,925)	(110,083)	(112,285)	(114,531)	(116,821)
Available Cash & Investments - Beginning of Year						
Not Restricted by Ordinance/Regulation	282,204	267,506	252,350	237,605	241,893	257,711

(A) Prior year plus increase of 2% in 2020 - 2024.

(B) Prior year plus increase of 2% in 2020 - 2024 which will need to be monitored by staff.

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

IT Capital Program

2019 Budget - Final

IT
2019 Budget - Final
Capital Additions

Item	Class	Description	Code	Amount	Department
1	B	Software - Replace the billing/cs system.	2	207,322	IT
2	B	Incidental Server/Workstation - Emergency replacement of server/workstation equipment.	2	15,000	IT
TOTAL				<u>222,322</u>	
Operational Cash Flow				-	
Other				<u>222,322</u>	
TOTAL				<u>222,322</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
2019 Budget - Final**

Capital Projects - 5 Years Beyond Fiscal Year 2018

Item	Description	Projected 2020	Projected 2021	Projected 2022	Projected 2023	Projected 2024	Total Amount
1	Incidental Server/Workstation Emergency replacement of server/workstation equipment.	15,000	15,000	15,000	15,000	15,000	75,000
2	Server Hardware Server infrastructure will be EOL.	0	70,000	0	0	0	70,000
3	Firewall Replacement Firewall will be close to EOL.	0	0	30,000	0	0	30,000
4	Core Switch Replacement Core Switch will be close to EOL.	0	0	20,000	0	0	20,000
Total		<u>15,000</u>	<u>85,000</u>	<u>65,000</u>	<u>15,000</u>	<u>15,000</u>	<u>195,000</u>

Vehicle Replacement Plan

2019 Budget - Final

ALL UTILITIES
2019 Budget - Final

Vehicles - 10 Year Replacement Plan

Dept.	Year	No.	Description	Cycle Years	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Electric:														
Electric Distribution														
I. Light Vehicles														
	2013	88	Dodge Van	10					12,500					
	2016	28	Ford Pick-Up	10								40,000		
	2016	81	Ford F-150 4X4	10								40,000		
2019 Bud	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	190,000									
	2013	11	Line Bucket 45ft	10					217,250					
	New		Service Bucket 37ft	10										
III. Line Trucks														
	2007	19	International 4300	10		230,000								
	2017	22	International 4300	10										
IV. Misc. Trucks														
	2008	7	1T Ford Dump Truck	10										
V. Other Equipment														
	2002		Pole Trailer	None										
	1985		2PL Wire Trailer	None										
	1997		1PL Wire Trailer	None	16,000									
	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										
Total					<u>206,000</u>	<u>230,000</u>	<u>0</u>	<u>0</u>	<u>12,500</u>	<u>217,250</u>	<u>35,000</u>	<u>80,000</u>	<u>0</u>	<u>0</u>

**ALL UTILITIES
2019 Budget - Final**

Vehicles - 10 Year Replacement Plan

Dept.	Year	No.	Description	Cycle Years	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Water:														
Administration:														
I. Vehicles														
	2006	14	Ford Escape (1/2)	10					12,500					
Water Plant:														
2019 II. 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														
	2003		John Deer 310 SG Backhoe	None		120,000								
	2006		Case 570MXT Backhoe											75,000
	2004		Vemeer	None					65,000					
	2003		Sullair	None								10,000		
	1977		Bame Backhoe Trailer							7,000				
	1997		Trailer							4,000				
Subtotal Vehicles					0	0	38,500	0	12,500	70,000	60,000	35,000	130,000	43,500
Subtotal Other Equipment					0	120,000	0	0	65,000	11,000	0	10,000	0	75,000
Total					0	120,000	38,500	0	77,500	81,000	60,000	45,000	130,000	118,500

**ALL UTILITIES
2019 Budget - Final**

Vehicles - 10 Year Replacement Plan

Dept.	Year	No.	Description	Cycle Years	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Wastewater:														
Administration:														
I. Vehicles														
	2006	14	Ford Escape (1/2)	10					12,500					
Wastewater Treatment Plant:														
2019 I. Vehicles														
	2001	12	Dodge Ram with Snow Plow	10				50,000						
	2007	37	GMC Sierra	10					35,000					
II. Other Equipment														
	1988		Bunton Mower	None				8,500						
	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								
			2nd Crane Truck											
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					0	120,000	0	50,000	107,500	70,000	60,000	350,000	35,000	130,000
Subtotal Other Equipment					0	0	17,000	34,000	15,000	15,000	72,000	30,500	120,000	232,700
Total					0	120,000	17,000	84,000	122,500	85,000	132,000	380,500	155,000	362,700

ALL UTILITIES
2019 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 2019</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>
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>0</u>	<u>37,500</u>	<u>25,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
2019 Budget - Final														

ALL UTILITIES
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Vehicles - 10 Year Replacement Plan

Dept.	Year	No.	Description	Dept.	Cycle Years	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
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										
2019 Budget	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							
	2014	1	Jeep Cherokee	GM	5		35,000			30,000					
Total						<u>0</u>	<u>35,000</u>	<u>35,000</u>	<u>12,500</u>	<u>55,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>60,000</u>	<u>0</u>