

**LEBANON UTILITIES
2017 BUDGET - FINAL**

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Lebanon Electric Utility

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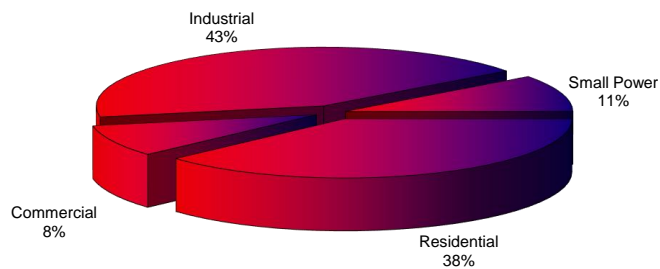
Revenues

	Actual 2015	Budget 2016	9 Months 2016	Rolling 12 Months	Proposed 2017
Operating Revenue					
Residential	8,402,272	8,995,169	6,659,287	8,416,130	8,750,859
Commercial	1,832,842	1,924,047	1,512,536	1,930,687	1,997,271
Industrial	9,536,787	10,105,481	7,389,954	9,536,933	9,810,881
Small Power	2,249,919	2,365,727	1,743,440	2,259,925	2,319,630
Street & Highway Lighting	93,265	95,493	70,006	94,448	95,016
Security Lights	57,958	59,305	43,445	58,657	58,988
Interdepartmental	106,464	116,011	83,348	104,552	109,129
Late Penalties	88,128	92,158	65,836	85,275	87,561
Total Revenue from Sales	22,367,635	23,753,391	17,567,852	22,486,607	23,229,336
Other Revenue					
Interest	40,057	37,028	19,057	24,209	24,809
Other	426,111	402,185	144,058	374,128	448,765
Total Other Revenues	466,168	439,213	163,115	398,337	473,574
Total Revenue	22,833,803	24,192,604	17,730,967	22,884,944	23,702,910

Note: A growth factor of 2% and an estimated decrease of 0.79% in purchased power was used in determining the proposed 2017 revenues.
The (0.79)% 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	7,663
Commercial	941
Commercial - Sm Pwr	249
Industrial - Lg Pwr	120
Municipal	61
Total	9,034
	(As of 09-16)

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Revenues/Expenses

	Actual 2015	Budget 2016	9 Months 2016	Rolling 12 Months	Proposed 2017	
Operating Revenues						
Residential	8,402,272	8,995,169	6,659,287	8,416,130	8,750,859	(1),(2)
Commercial	1,832,842	1,924,047	1,512,536	1,930,687	1,997,271	(1),(2)
Industrial	9,536,787	10,105,481	7,389,954	9,536,933	9,810,881	(1),(2)
Small Power	2,249,919	2,365,727	1,743,440	2,259,925	2,319,630	(1),(2)
Street & Highway Lighting	93,265	95,493	70,006	94,448	95,016	(1),(2)
Security Lights	57,958	59,305	43,445	58,657	58,988	(1),(2)
Interdepartmental	106,464	116,011	83,348	104,552	109,129	(1),(2)
Late Penalties	88,128	92,158	65,836	85,275	87,561	(1),(2)
Total Operating Revenue	22,367,635	23,753,391	17,567,852	22,486,607	23,229,336	
Other Revenue						
Other	426,111	402,185	144,058	374,128	448,765	(3)
Total Other Revenue	426,111	402,185	144,058	374,128	448,765	
Total Revenue (less Interest)	22,793,746	24,155,576	17,711,910	22,860,735	23,678,101	
Purchased Services						
Purchased Power	17,023,459	18,247,805	13,810,667	17,387,309	18,114,537	(4)
Telephone	13,361	15,026	12,035	15,338	16,006	
Contractual Services - Testing	18,549	46,000	13,234	18,724	130,000	(5)
Contractual Services - IT	427	71,075	44,972	45,399	62,400	
Contractual Services - Other	176,594	280,229	114,277	153,895	159,971	(6)
Accounting Fees	0	12,300	11,411	3,236	11,100	(7)
Engineering Fees	40,709	30,433	54,796	72,415	74,193	(8)
Legal Fees	59,431	67,567	31,909	41,921	43,078	(9)
Utilities	33,128	46,560	25,812	32,894	34,328	(10)
Total Purchased Services	17,365,658	18,816,995	14,119,113	17,771,131	18,645,613	
Wages & Benefits						
Operation Supervision	90,517	90,768	47,472	71,896	80,195	(11)
Engineering	90,791	126,596	38,311	66,047	122,614	(11)
Line Work	381,577	398,524	247,008	349,321	339,224	(11)
Bond Work	53,465	63,784	37,042	44,061	50,871	(11)
Line Locating	14,224	16,404	18,791	21,072	25,806	(11)
Mapping	8,526	11,709	650	650	893	(11)
Tree Trimming	65	89	0	0	0	(11)
Meter Reading	47,777	47,049	34,176	47,695	46,935	(11)
Billing	30,238	33,090	21,488	27,630	29,510	(11)
Administrative	135,791	134,772	102,437	140,096	140,680	(11)
Office Personnel	92,782	93,652	62,634	87,223	106,017	(11)
Sick/Vacation Pay	172,427	161,356	112,437	167,371	154,413	(11)
FICA Taxes	88,189	92,264	58,338	82,408	84,325	(11)
Group Insurance	335,941	446,974	296,364	380,251	525,680	(12)
Pension	200,935	202,786	137,505	187,110	184,257	(13)
Miscellaneous Payroll	71,237	62,923	89,863	115,280	123,412	(11)
Total Wages & Benefits	1,814,482	1,982,740	1,304,516	1,788,111	2,014,832	

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Revenues/Expenses (Cont.)

	Actual 2015	Budget 2016	9 Months 2016	Rolling 12 Months	Proposed 2017
Operating Supplies & Expense					
Station Expenses	1,297	1,543	1,951	1,950	2,321
Street Lights and Signals	10,083	15,602	3,921	3,922	4,667
Security Lights	567	1,055	0	0	750
Meter Expense	11,956	28,000	5,027	5,767	6,360 (14)
Meter Repair & Maintenance	0	2,000	323	323	2,884
Tools & Equipment	12,736	14,094	23,655	25,592	29,137
Safety Equipment	10,791	14,392	3,276	6,212	5,396
Rents	2,113	2,003	7,463	8,963	9,646
Maintenance of Lines	163,084	146,295	58,086	133,645	107,657
Maintenance of Transformers	60	558	6,637	6,636	7,898 (15)
Maintenance of Station Equipment	43	383	5,151	4,871	5,987
Fiber	844	5,013	140	139	166
General Maintenance	14,981	21,224	17,448	20,550	22,345 (16)
Office Supplies	10,317	12,571	4,962	6,730	7,291
Janitorial Services	4,824	26,024	6,961	8,167	17,824
Interior Landscaping	0	177	0	0	177
Exterior Landscaping	1,934	1,979	3,082	3,392	1,979
Computer Equipment	1,807	8,215	2,098	2,133	3,100
Software Expense	2,738	6,510	4,620	3,988	6,510
Maintenance Agreements	51,711	64,269	52,816	51,617	62,240 (17)
Dues & Subscriptions	12,340	13,487	10,942	12,003	13,585
Postage	10,165	13,224	2,551	3,306	3,421
Insurance	67,446	66,902	67,794	69,649	69,150
Conference & Training	45,780	23,510	33,242	59,912	59,167
Promotion	5,161	4,695	4,188	6,850	5,988
Employee Recognition	954	1,550	99	99	1,550
Transportation	56,462	55,672	23,586	38,372	35,608
Uniforms	15,534	16,343	8,473	11,986	15,000
SCADA Expense	449	943	217	217	258
Payment in Lieu of Taxes	136,728	134,545	104,325	142,124	141,882
Depreciation Expense	580,493	588,943	446,697	594,144	607,508
Amortization of Deferred Costs	(12,484)	(12,480)	(9,363)	(12,480)	(12,480)
Gross Income Tax	332,008	304,867	246,000	324,225	315,496 (18)
Bad Debt Expense	58,529	59,383	59,383	59,959	116,147 (19)
Lease Rental Payments - Principal	66,262	68,029	68,030	68,029	68,913 (20)
Lease - Copiers/Printers	3,232	2,667	2,518	3,509	3,502
Bank Fees - Credit Card	30,191	30,101	25,385	33,039	34,112
Miscellaneous	256,972	63,090	66,515	319,449	208,634
Total Operating Supplies & Expense	1,968,108	1,807,378	1,368,199	2,028,989	1,991,775
Total Expenses	21,148,248	22,607,113	16,791,828	21,588,231	22,652,220
Operating Income	1,645,498	1,548,463	920,082	1,272,504	1,025,881
Interest					
Interest Revenue	40,057	37,028	19,057	24,209	24,809
Interest Expense	(390,510)	(373,501)	(284,851)	(377,386)	(356,148) (21)
Total Interest Revenue (Expense)	(350,453)	(336,473)	(265,794)	(353,177)	(331,339)
Extraordinary Items					
Gain on Sale of Assets	0	0	1,100	1,100	0
Loss on Sale of Assets	(16,248)	(7,500)	(7,310)	(14,619)	(7,500)
Total Extraordinary Items	(16,248)	(7,500)	(6,210)	(13,519)	(7,500)
Net Margin	1,278,797	1,204,490	648,078	905,808	687,042

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Notes to Proposed Revenue and Expenses

Note	Description
(1)	A growth factor of 2% was used in determining the proposed 2017 revenues.
(2)	An estimated average decrease in purchased power costs of 0.79% that will be passed to customers via the tracker adjustment factor.
(3)	This amount includes miscellaneous revenue such as pole attachments and the sale of scrap metal. Also includes \$160,000 reimbursement for Enterprise Back-Up.
(4)	A 0.79% <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 \$10,000 for meter testing and \$120,000 for substation testing.
(6)	Estimated amount for miscellaneous contractual services needed by the different departments. Also, includes amounts for a new billing/CRM system and \$70,000 for contracting out tree trimming.
(7)	Accounting fees include State Board of Accounts audit costs, projections for possible regulatory tests related to the bond issue. SBOA costs have increased to full price.
(8)	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.
(9)	General legal counsel.
(10)	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.
(11)	Assumes a 3% increase to be split between inflation and merit. Also, includes an overlap in Engineering.
(12)	Assumes a 42% increase in group health insurance.
(13)	Funding of the Defined Benefit Plan and the Defined Contribution Plan. No increase budgeted other than the employee portion as it is based on gross wages.
(14)	Miscellaneous meter expenses only. With the implementation of AMR all meters have been capitalized, however, endpoints or other parts may need to be replaced.
(15)	Transformer maintenance is used for refurbishments of existing transformers.
(16)	Estimated and then allowed for the usual winter contingencies.
(17)	General maintenance agreements on items such as SCADATA, SCATA, Northstar, Microsoft, m-care and other misc. systems.

**ELECTRIC UTILITY
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Notes to Proposed Revenue and Expenses (Cont.)

Note	Description
(18)	Utility receipts tax is equal to 1.2% of total revenues.
(19)	A bad debt allowance has been set at .5%.
(20)	Lease rental principal on municipal building.
(21)	Lease rental interest on municipal building plus interest on 2013 Revenue Bonds.

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Capital Additions

Item	Class	Description	Code	Amount	Notes
1	A	69KV - South Loop - Secondary transmission service poing from Duke to Central Sub.	3	2,125,000	
2	B	Automated Meter Infrastructure - Upgrading to an AMI Project.	2	400,000	
3	D	Bucket Truck - Replacement of 2004 Chevy Duramax Bucket truck.	2	225,000	(a),(b)
4	C	System Maintenance - Upgrade former 4KV system to 12KV to be in compliance with electric standards.	2	150,000	
5	B	Ulen Electric Facility Upgrade - Transformer and primary cable replacement (safety issue).	2	130,000	
6	C	Electric's Portion of the IT Budget - The estimated cost to the Electric Utility for IT Functions.	1	106,275	
7	A	Enterprise Back-Up - For all circuits with upgrades to circuits 1217, 1252 and 1275.	3	75,000	
8	B	Indianapolis Ave - Pole relocating project.	1	60,000	
9	B	North Sub Relays - Replacement of four relays at the North Sub.	2	50,000	
10	C	New and Replacement Transformers - Ongoing transformer purchase allotment for new units	2	40,000	
11	C	Service to New Facilities - Ongoing service extensions for new customers.	1	40,000	
12	C	Replacement of Underground Primary Conductor - Targeted underground cable replacement based on failures and outage reports.	2	40,000	
13	B	Disaster Recovery Plan - A plan for Lebanon Utilities in case of a disaster.	1	31,000	
14	B	Solar Project - Project planning with LCSC.	1	25,000	
15	B	Ulen CC Backup - Backup feed.	1	19,000	

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2017 Budget - Final
Capital Additions (Cont.)

Item	Class	Description	Code	Amount	Notes
16	D	Electric's Portion of Administration Vehicles - Electric's portion of administrative vehicle replacements in agreement with our vehicle replacement program.	2	16,667	(a),(b)
17	A	Infrared Camera - System maintenance and trouble shooting.	1	15,000	
18	A	Spider Rope - System for wire pulling.	1	10,000	
TOTAL				<u>3,557,941</u>	
Operational Cash Flow				306,275	
Other				1,051,667	
Bond				<u>2,200,000</u>	
TOTAL				<u>3,557,941</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.**

ELECTRIC UTILITY

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Capital Projects - 5 Years Beyond Fiscal Year 2017

Item	Description	Projected 2018	Projected 2019	Projected 2020	Projected 2021	Projected 2022	Total Amount
1	System Model Future Projects	508,000	429,000	500,000	574,054	574,000	2,585,054
	On-going system improvements to provide operational flexibility.	Automated Switching and Upgrading SCADA	Switching	Reconduct. and Switching	Reconduct	Reconduct	
2	AMR/AMI Replacement Program	650,000	650,000	50,000	50,000	50,000	1,450,000
	On-going program to replace old AMR Meters and upgrade to AMI and for new business.						
3	10 Year Vehicle Replacement Program	0	185,000	240,850	235,850	0	661,701
	Ongoing program and includes electric's portion of multi-departmental vehicle/equipment replacement program- five of ten years.						
4	Residential Subdivisions	40,000	50,000	50,000	50,000	50,000	240,000
	Install electric utility service facilities.						
5	New and Replacement Transformers	40,000	50,000	50,000	50,000	50,000	240,000
	Both O.H. and pad mounted types.						
6	Replacement Program for Deteriorated Cable	40,000	40,000	40,000	40,000	40,000	200,000
	On-going program to replace deteriorated cable.						
7	IT Budget	26,350	26,350	26,350	35,650	26,350	141,050
	On-going program. See IT 5-year capital budget for breakdown.						

**ELECTRIC UTILITY
2017 Budget - Final**

Capital Projects - 5 Years Beyond Fiscal Year 2017

Item	Description	Projected 2018	Projected 2019	Projected 2020	Projected 2021	Projected 2022	Total Amount
8	SCADA, Pictometry & Engineering Softwar Additions and enhancements to existing software.	2,500	2,500	2,500	2,500	2,500	12,500
	Totals	<u>1,306,850</u>	<u>1,432,850</u>	<u>959,700</u>	<u>1,038,054</u>	<u>792,850</u>	<u>5,530,305</u>

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

Electric Utility
Projected Cash Analysis

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
Total Cash & Investments - Beginning of Year Not Restricted by Ordinance/Regulation	8,910,438	6,119,547	5,736,876	5,444,070	5,853,276	6,435,392
Add:						
Projected Operating Income (A)	23,678,101	24,821,003	26,196,087	27,647,350	29,179,013	30,795,531
Interest	24,809	30,598	28,684	27,220	29,266	32,177
Depreciation	607,508	619,658	632,051	644,692	657,586	670,738
Less:						
Projected Operational Expenses (B)	(22,652,220)	(23,658,831)	(24,841,772)	(26,083,861)	(27,388,054)	(28,757,457)
Bond Principal and Interest	<u>(891,148)</u>	<u>(888,249)</u>	<u>(875,006)</u>	<u>(866,496)</u>	<u>(857,641)</u>	<u>(853,369)</u>
Estimated Cash & Investments Before Capital Expenditures Not Restricted by Ordinance/Regulation	9,677,488	7,043,726	6,876,920	6,812,976	7,473,447	8,323,012
Less:						
Projected Capital Expenditures	<u>(3,557,941)</u>	<u>(1,306,850)</u>	<u>(1,432,850)</u>	<u>(959,700)</u>	<u>(1,038,054)</u>	<u>(792,850)</u>
Estimated Cash & Investments - End of Year Not Restricted by Ordinance/Regulation	6,119,547	5,736,876	5,444,070	5,853,276	6,435,392	7,530,162
Less: Two Months of Average Operating Income	<u>(3,775,370)</u>	<u>(3,943,138)</u>	<u>(4,140,295)</u>	<u>(4,347,310)</u>	<u>(4,564,676)</u>	<u>(4,792,909)</u>
Available Cash & Investments - End of Year Not Restricted by Ordinance/Regulation	<u>2,344,177</u>	<u>1,793,737</u>	<u>1,303,775</u>	<u>1,505,966</u>	<u>1,870,717</u>	<u>2,737,253</u>

(A) Prior year plus increase of 5.54% which is the average change in the last 5 years.

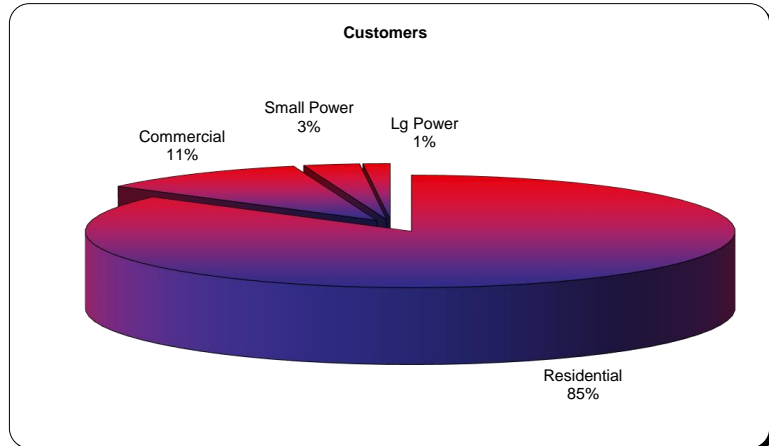
(B) Prior year plus increase of 5.00% which is the average change in the last 5 years.

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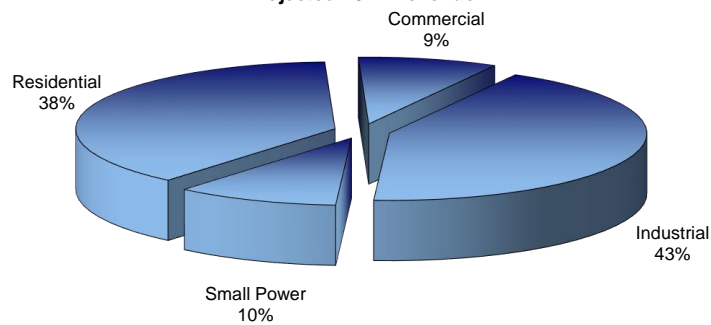
Statistics

Number of Customers

Residential	7,663
Commercial	941
Small Power	249
Lg Power	120
Municipal	61



Projected 2017 Revenue

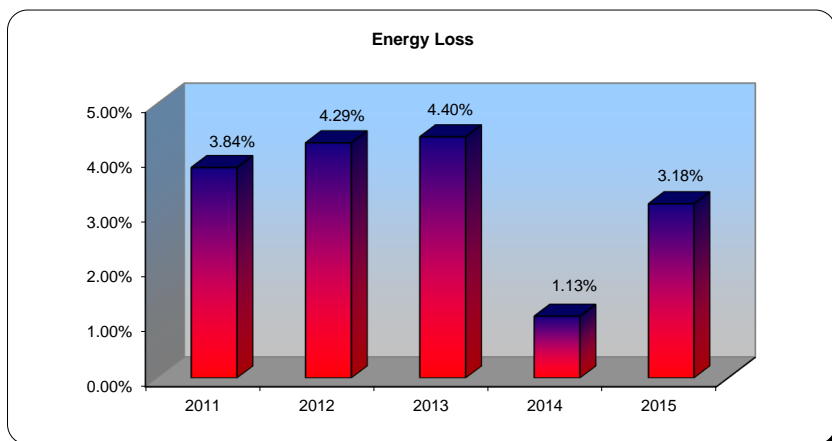


Projected 2017 Revenue

Residential	8,750,859
Commercial	1,997,271
Industrial	9,810,881
Small Power	2,319,630

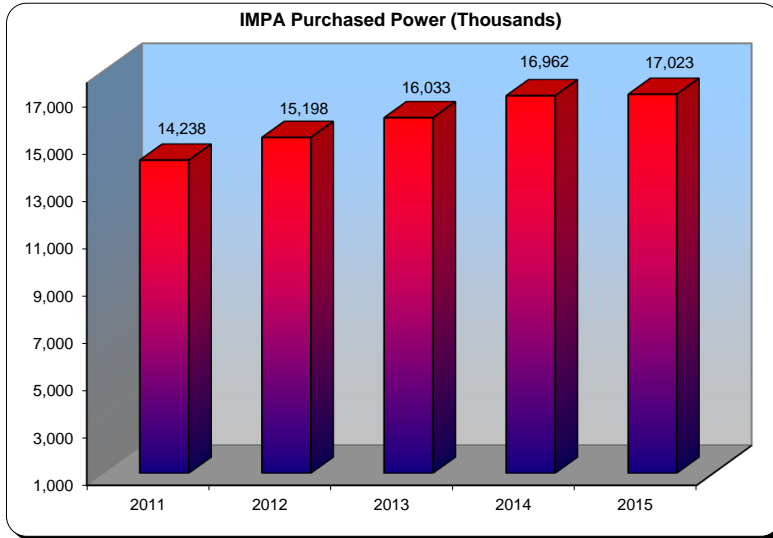
Line Loss Factor

2011	3.84%
2012	4.29%
2013	4.40%
2014	1.13%
2015	3.18%



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Statistics

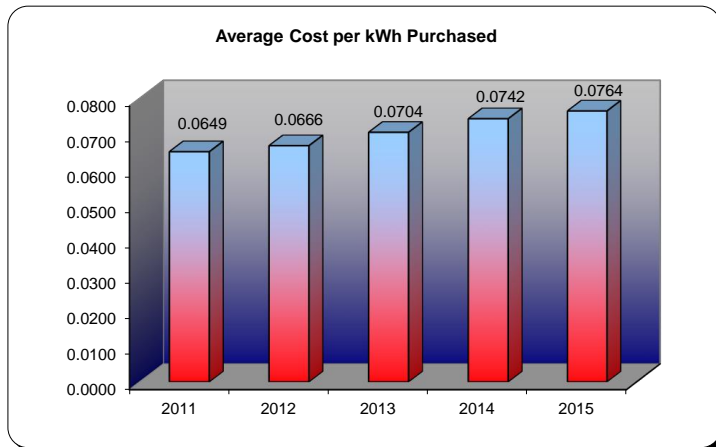
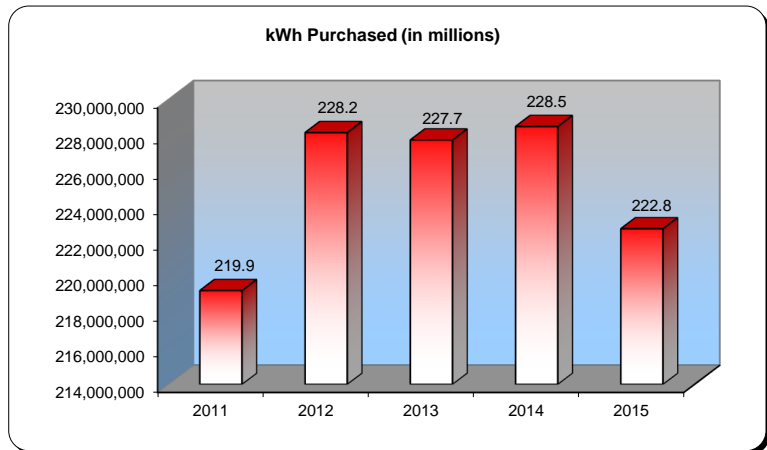


IMPA Power Bill

2011	14,237,650
2012	15,198,287
2013	16,033,380
2014	16,962,054
2015	17,023,459
**2016 Year to Date Thru Sept.	13,810,667

kWh Purchased

2011	219,295,848
2012	228,154,825
2013	227,743,365
2014	228,499,822
2015	222,762,959
**2016 Year to Date Thru Sept.	174,749,671



Average Cost per kWh Purchased

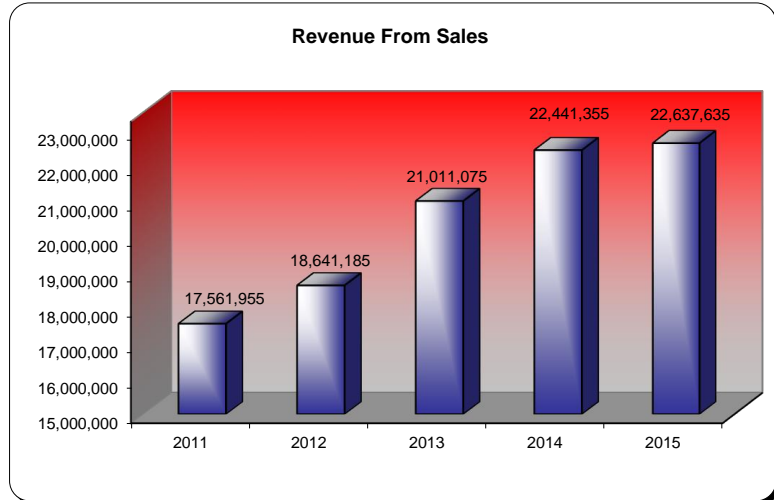
2011	0.0649
2012	0.0666
2013	0.0704
2014	0.0742
2015	0.0764
**2016 Year to Date Thru Sept.	0.0790

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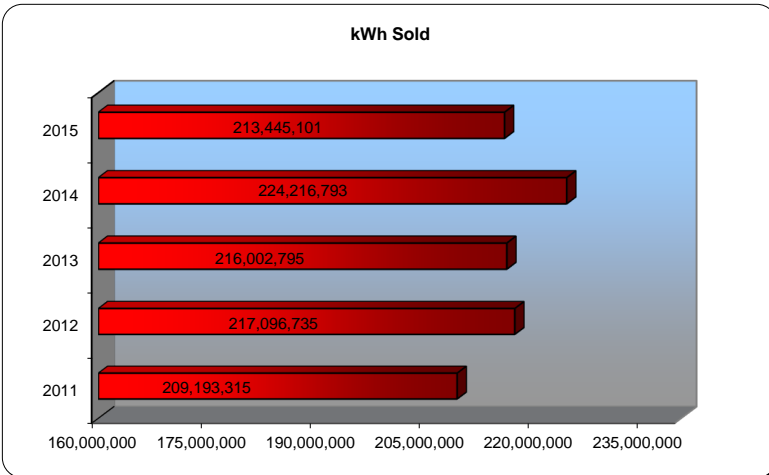
Statistics

Revenue From Sales

2011	17,561,955
2012	18,641,185
2013	21,011,075
2014	22,441,355
2015	22,637,635
**2016 Year to Date Thru Sept.	17,567,852



kWh Sold

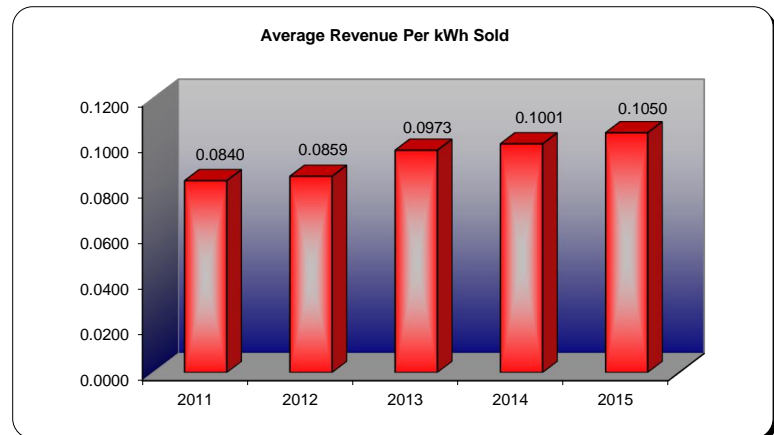


Kilowatt Hours Sold

2011	209,193,315
2012	217,096,735
2013	216,002,795
2014	224,216,793
2015	215,689,408
**2016 Year to Date Thru Sept.	168,388,732

Average Revenue per kWh Sold

2011	0.0840
2012	0.0859
2013	0.0973
2014	0.1001
2015	0.1050
**2016 Year to Date Thru Sept.	0.1043



Lebanon Water Utility

2017 Budget - Final

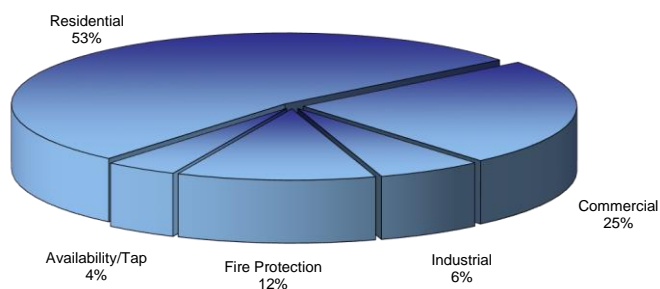
WATER UTILITY 2017 Budget - Final

Revenues

	Actual 2015	Budget 2016	9 Months 2016	Rolling 12 Months	Proposed 2017
Operating Revenue					
Residential	\$1,615,442	\$1,649,924	\$1,220,033	\$1,616,871	\$1,654,227
Commercial	\$743,563	\$790,324	\$573,538	\$723,532	\$759,007
Industrial	\$196,269	\$200,026	\$142,642	\$189,908	\$193,850
Fire Protection	\$359,331	\$365,201	\$267,371	\$358,711	\$364,755
Availability Fees	\$224,666	\$153,651	\$70,169	\$168,754	\$133,779
Rent	\$10,271	\$10,669	\$8,024	\$10,301	\$10,710
Late Penalties	\$14,488	\$14,801	\$10,337	\$13,955	\$14,146
Total Revenue from Sales	3,164,030	3,184,596	2,292,114	3,082,032	3,130,474
Other Revenue					
Interest	7,771	7,656	5,776	8,179	8,099
Other	107,577	103,281	35,635	59,007	54,325
Total Other Revenues	115,348	110,937	41,411	67,186	62,424
Total Revenue	3,279,378	3,295,533	2,333,525	3,149,218	3,192,898

Note: A growth factor of 2% for residential, commercial and industrial was used in determining the proposed 2017 revenues.

Projected Operating Revenue by Rate Class



Rate Class	Number of Customers
Residential	5,730
Commercial	836
Industrial	68
Municipal	4
Total	6,638
	(As of 9-16)

WATER UTILITY 2017 Budget - Final

Revenues/Expenses

	<u>Actual 2015</u>	<u>Budget 2016</u>	<u>9 Months 2016</u>	<u>Rolling 12 Months</u>	<u>Proposed 2017</u>	
Operating Revenues						
Residential	1,615,442	1,649,924	1,220,033	1,616,871	1,654,227	(1)
Commercial	743,563	790,324	573,538	723,532	759,007	(1)
Industrial	196,269	200,026	142,642	189,908	193,850	(1)
Fire Protection	359,331	365,201	267,371	358,711	364,755	(1)
Availability Fees	224,666	153,651	70,169	168,754	133,779	(1)
Rent	10,271	10,669	8,024	10,301	10,710	(1)
Late Penalties	14,488	14,801	10,337	13,955	14,146	(1)
Total Operating Revenue	<u>3,164,030</u>	<u>3,184,596</u>	<u>2,292,114</u>	<u>3,082,032</u>	<u>3,130,474</u>	
Other Revenue						
Other	107,577	103,281	35,635	59,007	54,325	
Total Other Revenue	<u>107,577</u>	<u>103,281</u>	<u>35,635</u>	<u>59,007</u>	<u>54,325</u>	
Total Revenue (less Interest)	<u>3,271,607</u>	<u>3,287,877</u>	<u>2,327,749</u>	<u>3,141,039</u>	<u>3,184,799</u>	
Purchased Services						
Engineering Fees	23,234	7,226	30,258	49,654	45,899	
Accounting Fees	0	7,000	9,023	4,373	7,000	(2)
Legal Fees	28,855	37,426	31,068	36,657	39,821	
Contractual Services - Testing	17,582	12,467	5,264	15,674	11,573	(3)
Contractual Services - IT	427	71,075	44,972	45,399	62,400	
Contractual Services - Other	83,604	153,829	43,730	68,057	282,571	(3)
Telephone Expense	10,475	11,858	8,773	10,905	11,931	
Utilities	171,744	178,838	112,567	161,967	159,149	
Total Purchased Services	<u>335,921</u>	<u>479,719</u>	<u>285,655</u>	<u>392,686</u>	<u>620,345</u>	
Wages & Benefits						
Salaries WT	155,798	181,046	125,995	171,809	173,033	(4)
Salaries WD	188,612	186,346	125,001	177,922	171,668	(4)
Meter Reading	52,293	51,896	39,767	54,272	54,613	(4)
Billing Salaries	29,344	32,117	20,839	26,798	28,619	(4)
Administrative Salaries	186,807	187,799	147,682	197,745	202,817	(4)
Office Salaries	115,551	116,444	77,245	108,008	126,083	(4)
Line Locating	14,456	16,797	21,276	23,500	29,219	(4)
Sick/Vacation Leave	125,036	105,119	88,763	137,257	121,901	(4)
FICA Taxes	63,748	65,036	47,413	65,477	67,409	(4)
Pension	137,437	136,136	112,117	147,448	149,489	(5)
Group Insurance	237,563	316,544	248,458	307,518	441,876	(6)
Total Wages & Benefits	<u>1,306,645</u>	<u>1,395,280</u>	<u>1,054,556</u>	<u>1,417,754</u>	<u>1,566,727</u>	

WATER UTILITY 2017 Budget - Final

Revenues/Expenses (Cont.)

	Actual 2015	Budget 2016	9 Months 2016	Rolling 12 Months	Proposed 2017
Operating Supplies & Expense					
Chemicals	41,487	44,601	27,898	37,920	39,437
Materials & Supplies	21,771	25,007	7,880	10,035	10,476
Meter Expense	5,882	8,000	1,765	1,849	10,000
Meter Repair & Maintenance	872	2,000	0	872	1,000
Office Supplies	9,066	11,185	8,317	10,383	11,436
Janitorial Services	4,824	4,824	3,711	4,917	4,824
Interior Landscaping	0	177	0	0	177
Exterior Landscaping	1,950	1,979	1,282	1,592	1,979
Sand / Gravel / Pavement	3,234	5,035	3,105	3,105	3,695
SCADA Expense	1,309	2,499	0	0	0
Safety Equipment	1,328	1,316	0	515	263
Miscellaneous Equipment	6,658	8,374	293	292	799
Tools	1,046	900	2,818	3,195	3,546
Transportation	16,899	16,928	10,967	16,258	15,749
Insurance	61,643	60,436	65,162	67,623	68,975
Regulatory Expense	6,767	7,011	5,285	6,818	7,071
Well Expense	5,530	3,227	0	5,530	2,820
Dues & Subscriptions	4,772	7,437	5,486	4,467	7,535
Promotional Expense	1,855	5,240	1,007	2,271	2,533
Employee Recognition	633	1,550	99	98	1,550
Bad Debt Expense	7,706	7,961	7,961	8,416	15,652 (7)
Postage	10,356	12,991	2,481	3,285	3,362
Conferences & Training	8,978	19,410	7,142	8,098	11,974
Uniforms - Cleaning	8,421	7,815	4,285	6,961	6,464
General Maintenance	29,099	26,247	27,207	36,219	36,972
Computer Equipment	(339)	8,215	987	991	4,495
Software Expense	3,366	4,650	4,620	3,988	4,650
Maintenance Agreements	36,974	45,803	35,884	35,894	42,707
Payment in Lieu of Taxes	134,296	136,412	98,386	132,376	134,414
Depreciation	361,246	366,134	284,221	376,250	385,158
Gross Income Tax	42,089	39,455	29,500	40,500	38,218
Lease Rental Payments - Principal	66,262	68,029	68,029	68,029	68,913 (8)
Lease - Copiers/Printers	3,232	3,049	2,518	3,509	3,502
Bank Fees - Credit Card	29,276	29,721	24,615	32,036	33,077
Miscellaneous	37,712	40,533	12,358	21,700	19,955
Total Operating Supplies & Expense	976,200	1,034,151	755,269	955,992	1,003,379
Total Expenses	2,618,766	2,909,150	2,095,480	2,766,432	3,190,451
Operating Income	652,841	378,727	232,269	374,607	(5,652)
Interest					
Interest Revenue	7,771	7,656	5,776	8,179	8,099
Interest Expense	(16,635)	(15,001)	(15,001)	(15,001)	(13,323) (9)
Total Interest Revenue (Expense)	(8,864)	(7,345)	(9,225)	(6,822)	(5,224)
Extraordinary Items					
Gain on Sale of Assets	0	0	0	0	0
Loss on Sale of Assets	(1,905)	(10,473)	0	(595)	(5,303)
Total Extraordinary Items	(1,905)	(10,473)	0	(595)	(5,303)
Net Margin	642,072	360,909	223,044	367,190	(16,179)

WATER UTILITY 2017 Budget - Final

Notes to Proposed Revenue and Expenses

Note	Description
(1)	An overall growth factor of 2% was used in determining the proposed 2017 revenues.
(2)	The only projected accounting fees are for the cost of the State Board of Accounts annual audit and bond testing. Over the last 5 years the cost of the audit has averaged between \$2,300 and \$3,500, however, their prices have increased. Also, estimating \$2,000 for bond testing.
(3)	Estimated amount for miscellaneous contractual services needed by the different departments. Also, includes approximately \$45,000 for a rate study and \$150,000 for clean-up of Iron Slurry.
(4)	Assumes a 3% increase to be split between inflation and merit. Also assumes an additional employee at the water plant.
(5)	Assumes a 42% increase in group health insurance.
(6)	Funding of the Defined Benefit Plan and the Defined Contribution Plan.
(7)	A bad debt allowance has been set at .5%.
(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	A	Indianapolis Avenue Phase II - Includes Engineering plus Construction.	2	1,100,000	
2	A	East Street - 8" waterline from Washington Street to Ulen Drive.	2	616,000	
3	C	Facility Rehab & Other Projects - Roof at Chicago Street and Filters 1 and 3.	2	600,000	
4	B	SC and CS Water Treatment Controls - Update controls for both Sugar Creek and Chicago Street plants.	2	300,000	
5	B	Lafayette Avenue - Waterline bore and associated work.	2	220,000	
6	C	Water's Portion of the IT Budget - The estimated cost to the Water Utility for IT Functions.	1	106,275	
7	C	Well Improvement and Rehab - System integrity.	2	50,000	
8	B	Automated Meter Infrastructure - Annual amount for meter replacements as needed.	2	50,000	
9	B	Operation & Maintenance Manuals - Engineering and labor to document processes.	1	50,000	
10	B	Disaster Recovery Plan - A plan for Lebanon Utilities in case of a disaster.	1	31,000	
11	B	Security System	1	20,000	
12	D	Water's Portion of Administration Vehicles - Water's portion of administrative vehicle replacements in agreement with our vehicle replacement program.	2	16,667	(a),(b)
TOTAL				3,159,941	
Operational Cash Flow				207,275	
Other				2,952,667	
TOTAL				3,159,941	

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
2017 Budget - Final**

Capital Projects - 5 Years Beyond Fiscal Year 2016

Item	Description	Projected 2018	Projected 2019	Projected 2020	Projected 2021	Projected 2022	Total Amount
1	Water Expansion Additional water sources.	0	3,000,000	6,000,000	6,000,000	0	15,000,000
2	Facility Rehab and Other Projects Miscellaneous improvements as deemed necessary by staff. This is a standing capital improvements program	150,000	150,000	150,000	150,000	150,000	750,000
3	Yearly Water Main Replacement Replacement of old and undersized lines. We have 87 miles of lines or 459,360 ft of water main \$ 50/ft. = \$22,968,000 @ \$300,000/yr. It will be replaced in 77 yrs.	616,000	0	0	0	0	616,000
4	Sugar Creek / Chicago St. Water Treatment Controls Sugar Creek WTP replacement of existing generator and switchgear.	500,000	0	0	0	0	500,000
5	Sugar Creek Electric and Controls to Well Field Sugar Creek WTP replacement of conductors and signal wire from plant to wells and controls in well field.	500,000	0	0	0	0	500,000
6	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
7	AMR/AMI Ongoing Program for AMR/AMI System	50,000	50,000	50,000	50,000	50,000	250,000
8	5 Year Vehicle Replacement Program Ongoing program including support departments, IT, Meter Engineering	141,250	8,500	21,850	10,850	50,000	232,451
9	IT Budget See IT capital budget for breakdown.	26,350	26,350	26,350	35,650	26,350	141,050
10	Hydrant & Valve Replacement Program Program to replace the bourbon and old hydrants.	20,000	20,000	20,000	20,000	20,000	100,000
Total		<u>2,073,600</u>	<u>3,324,850</u>	<u>6,338,200</u>	<u>6,336,500</u>	<u>366,350</u>	<u>18,439,501</u>

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

Water Utility

Projected Cash Analysis

	2017	2018	2019	2020	2021	2022
Total Cash & Investments - Beginning of Year Not Restricted by Ordinance/Regulation	5,169,887	2,463,380	16,584,851	13,986,745	8,373,432	2,741,636
Add:						
Projected Operating Income (A)	3,184,799	4,488,592	4,518,666	4,548,941	4,579,419	4,610,101
Interest	8,099	12,317	82,924	69,934	41,867	13,708
Repayment from the Wastewater Utility - Availability	79,152	80,735	82,350	83,997	85,677	87,390
Depreciation	385,158	392,861	400,718	408,733	416,907	425,245
Bond Proceeds	0	15,000,000	0	0	0	0
Less:						
Projected Operational Expenses (B)	(3,190,451)	(3,221,398)	(3,252,646)	(3,284,196)	(3,316,053)	(3,348,219)
Bond Principal and Interest	0	(546,412)	(1,095,387)	(1,094,425)	(1,096,846)	(1,092,407)
Lease Interest Expense	(13,323)	(11,624)	(9,881)	(8,096)	(6,266)	(4,394)
Estimated Cash & Investments Before Capital Expenditures Not Restricted by Ordinance/Regulation	5,623,321	18,658,451	17,311,595	14,711,632	9,078,136	3,433,061
Less:						
Projected Capital Expenditures	(3,159,941)	(2,073,600)	(3,324,850)	(6,338,200)	(6,336,500)	(366,350)
Estimated Cash & Investments - End of Year Not Restricted by Ordinance/Regulation	2,463,380	16,584,851	13,986,745	8,373,432	2,741,636	3,066,711
Less: Two Months of Average Operation Expense	(531,742)	(536,900)	(542,108)	(547,366)	(552,676)	(558,036)
Available Cash & Investments - End of Year Not Restricted by Ordinance/Regulation	<u>1,931,638</u>	<u>16,047,951</u>	<u>13,444,637</u>	<u>7,826,066</u>	<u>2,188,961</u>	<u>2,508,675</u>

(A) Prior year plus increase of .67% which is the average change in the last 5 years subtracting out the highest year and the lowest year and the rate increase.

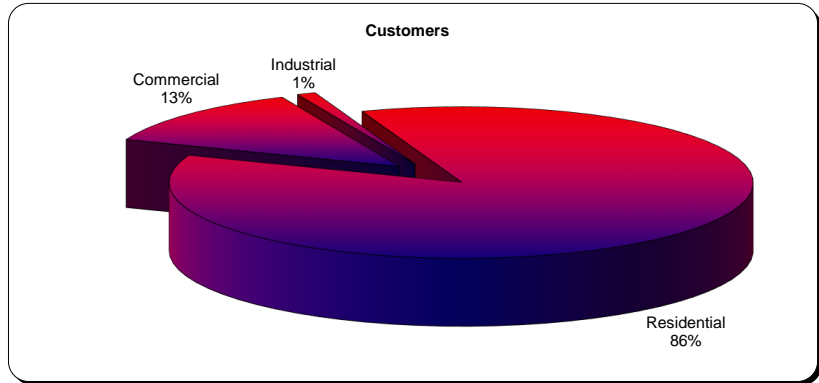
(B) Prior year plus increase of 0.97% which is the average change in the last 5 years subtracting out the highest year and the lowest year.

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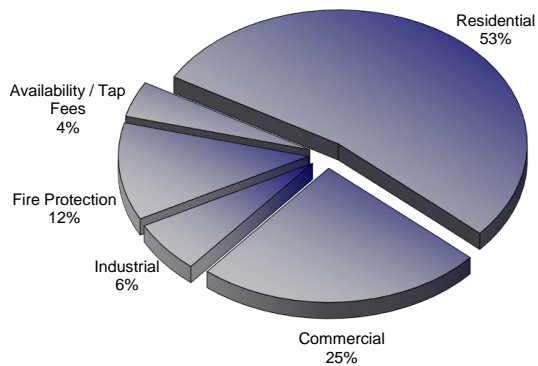
Statistics

Number of Customers

Residential	5,730
Commercial	836
Industrial	68
Municipal	4



Projected 2017 Revenue

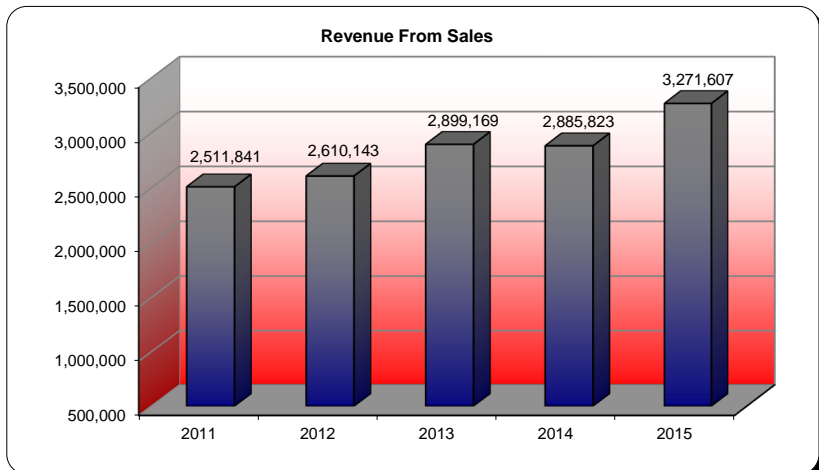


Projected 2017 Revenue

Residential	1,654,227
Commercial	759,007
Industrial	193,850
Fire Protection	364,755
Availability / Tap Fees	133,779

Revenue From Sales

2011	2,511,841
2012	2,610,143
2013	2,899,169
2014	2,885,823
2015	3,271,607
**2016 Year to Date Thru Sept.	2,327,749



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Statistics

Gallons Pumped (Series 1)

2011	554,640,000
2012	589,863,000
2013	512,168,000
2014	504,257,000
2015	610,432,000
**2016 Year to Date Thru Sept.	476,676,000

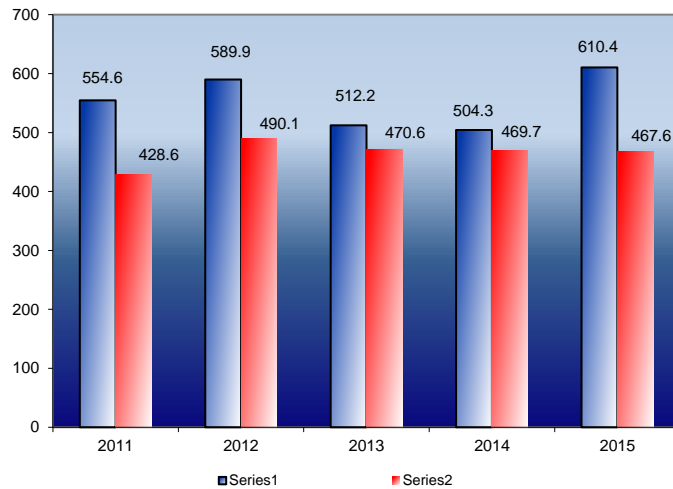
Gallons Sold (Series 2)

2011	428,609,000 *
2012	490,067,750 *
2013	470,585,547 *
2014	469,658,515 *
2015	467,628,601 *
**2016 Year to Date Thru Sept.	351,238,320 *

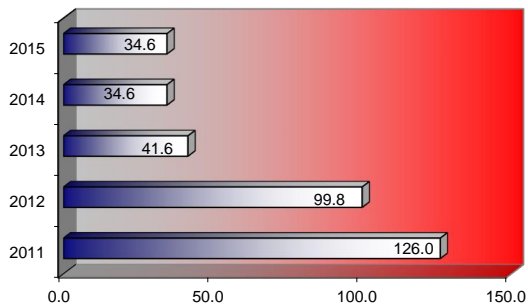
Yearly Backflush

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



Water Loss (Millions)



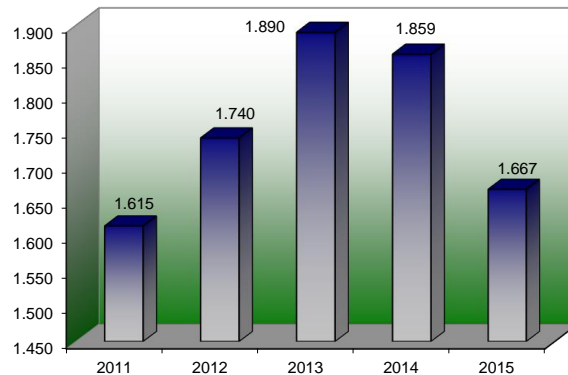
Water Loss (Millions)

2011	126,031,000
2012	99,795,250
2013	41,582,453
2014	34,598,485
2015	142,803,399
**2016 Year to Date Thru Sept.	125,437,680

Water Cost (Per Thousand)

2011	1.615
2012	1.740
2013	1.890
2014	1.859
2015	1.667
**2016 Year to Date Thru Sept.	1.481

Water Cost Per Thousand



Lebanon Wastewater Utility

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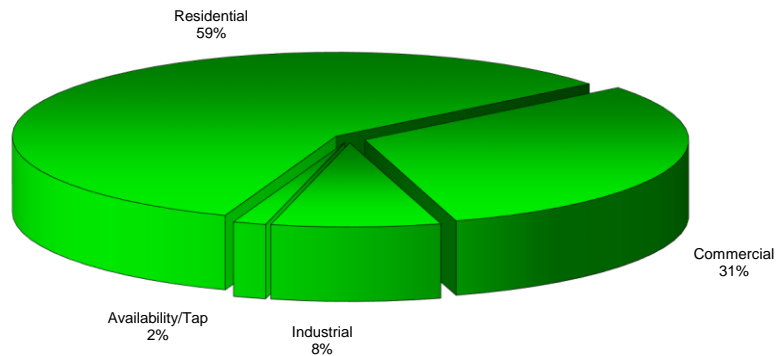
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Revenues

	<u>Actual 2015</u>	<u>Budget 2016</u>	<u>9 Months 2016</u>	<u>Rolling 12 Months</u>	<u>Proposed 2017</u>
Operating Revenue					
Residential	2,129,083	2,815,740	1,606,800	2,598,339	2,823,435
Commercial	1,073,912	1,483,248	858,412	1,317,528	1,498,757
Industrial	318,015	420,432	241,715	374,531	405,596
Availability Fees	154,454	80,460	48,392	164,260	79,152
Tap Fees	567	852	467	396	408
Inspection Fees	4,579	5,566	3,250	4,429	4,216
Late Penalties	61,990	82,169	46,618	72,563	77,782
Total Revenue from Sales	<u>3,742,600</u>	<u>4,888,467</u>	<u>2,805,654</u>	<u>4,532,046</u>	<u>4,889,346</u>
Other Revenue					
Other	12,835	13,058	8,263	10,162	11,238
Storm Reimbursement	126,831	55,836	9,925	43,533	0
Interest	4,806	4,855	3,195	4,804	4,345
Total Other Revenues	<u>144,472</u>	<u>73,749</u>	<u>21,383</u>	<u>58,499</u>	<u>15,583</u>
Total Revenue	<u><u>3,887,072</u></u>	<u><u>4,962,216</u></u>	<u><u>2,827,037</u></u>	<u><u>4,590,545</u></u>	<u><u>4,904,928</u></u>

Note: A growth factor of 2% for residential, commercial and industrial was used in determining the proposed 2017 revenues.

Projected Revenue by Rate Class



<u>Rate Class</u>	<u>Number of Customers</u>
Residential	5,547
Commercial	788
Industrial	68
Total	<u><u>6,403</u></u>
	(As of 9-16)

WASTEWATER UTILITY

2017 Budget - Final

Revenues/Expenses

	<u>Actual 2015</u>	<u>Budget 2016</u>	<u>9 Months 2016</u>	<u>Rolling 12 Months</u>	<u>Proposed 2017</u>	
Operating Revenues						
Residential	2,129,083	2,815,740	2,076,055	2,598,339	2,823,435	(1)
Commercial	1,073,912	1,483,248	1,102,027	1,317,528	1,498,757	(1)
Industrial	318,015	420,432	298,232	374,531	405,596	(1)
Availability Fees	154,454	80,460	58,200	164,260	79,152	(1)
Tap Fees	567	852	300	396	408	(1)
Inspection Fees	4,579	5,566	3,100	4,429	4,216	(1)
Late Penalties	61,990	82,169	57,193	72,563	77,782	(1)
Total Operating Revenues	<u>3,742,600</u>	<u>4,888,467</u>	<u>3,595,107</u>	<u>4,532,046</u>	<u>4,889,346</u>	
Other Revenues						
Storm Reimbursement	126,831	55,836	9,925	43,533	0	(2)
Other	12,835	13,058	8,263	10,162	11,238	
Total Other Revenue	<u>139,666</u>	<u>68,894</u>	<u>18,188</u>	<u>53,695</u>	<u>11,238</u>	
Total Revenue (less Interest)	<u>3,882,266</u>	<u>4,957,361</u>	<u>3,613,295</u>	<u>4,585,741</u>	<u>4,900,583</u>	
Purchased Services						
Engineering Fees	55,270	38,674	21,737	45,332	37,900	
Accounting Fees	35,025	12,334	8,895	35,270	12,097	(3)
Legal Fees	48,672	59,462	42,641	50,820	54,914	
Contractual Services - Sludge Removal	89,375	110,000	79,248	105,015	135,000	
Contractual Services - IT	427	71,075	44,972	45,399	62,400	
Contractual Services - Other	86,927	118,128	56,366	83,383	107,372	(4)
Telephone Expense	11,121	13,335	8,825	11,367	11,798	
Utilities	290,923	322,014	232,412	297,170	309,597	
Total Purchased Services	<u>617,740</u>	<u>745,022</u>	<u>495,096</u>	<u>673,756</u>	<u>731,079</u>	
Wages & Benefits						
Salaries WWC	174,743	184,636	142,318	193,541	195,450	(5)
Salaries WWT	156,458	184,760	129,968	173,736	218,489	(5)
Meter Reading	46,728	45,972	33,680	46,934	46,254	(5)
Line Locating	14,303	16,587	18,506	20,730	25,415	(5)
Mapping	153	210	796	796	1,093	(5)
Billing Salaries	29,344	32,117	20,839	26,798	28,619	(5)
Laboratory Salaries	50,887	51,179	37,741	51,362	51,831	(5)
Administrative Salaries	187,062	187,791	147,843	198,167	203,038	(5)
Office Salaries	123,503	127,364	77,641	108,404	126,627	(5)
Vacation/Sick Leave	131,455	100,624	86,796	144,979	119,200	(5)
FICA Taxes	68,601	71,338	50,179	69,341	71,972	(5)
Pension	151,539	149,995	120,244	159,285	160,325	(6)
Group Insurance	249,741	272,214	256,995	319,117	457,113	(7)
Total Wages & Benefits	<u>1,384,517</u>	<u>1,424,787</u>	<u>1,123,546</u>	<u>1,513,190</u>	<u>1,705,427</u>	

**WASTEWATER UTILITY
2017 Budget**

Revenues/Expenses (Cont.)

	Actual 2015	Budget 2016	9 Months 2016	Rolling 12 Months	Proposed 2017
Operating Supplies & Expense					
Chemicals	18,538	54,611	14,677	24,184	37,314
Materials & Supplies	7,680	5,055	5,941	10,019	9,150
Lab	12,506	12,321	9,599	13,116	13,216
Liftstations	9,604	15,803	16,491	16,669	19,715
Office Supplies	9,957	11,147	8,676	10,992	11,991
Janitorial Services	4,824	4,824	3,711	4,917	4,824
Interior Landscaping	0	177	0	0	177
Exterior Landscaping	1,934	1,979	0	1,480	1,979
Meter Expense	0	10,000	18	18	10,000
Safety Equipment	1,297	1,263	75	559	336
SCADA Equipment	9,020	4,837	10,745	15,968	15,450
Sand / Gravel / Pavement	6,955	8,850	3,069	4,518	4,391
Miscellaneous Equipment	9,859	12,183	1,333	1,333	2,037
General Maintenance	46,774	43,687	31,703	47,491	45,778
Transportation	15,212	16,311	10,002	14,496	14,194
Computer Equipment	(189)	10,715	3,230	3,234	4,495
Software Expense	3,366	4,650	4,620	3,988	4,650
Maintenance Agreements	34,776	43,431	34,484	34,037	40,808
Insurance	60,847	61,744	64,450	64,833	66,130
Promotional Expense	1,910	2,695	1,007	2,326	2,534
Employee Recognition	662	1,550	99	98	1,550
Regulatory Expense	9,500	9,690	7,125	9,500	9,690
Bad Debt Expense	9,337	12,221	12,221	12,221	24,447 (8)
Dues & Subscriptions	2,962	5,937	2,803	2,523	6,034
Postage	10,191	13,167	2,410	3,165	3,253
Conferences & Training	9,151	19,210	8,532	10,316	11,772
Uniforms	6,232	5,797	4,563	6,740	6,540
Safety Training Expense	5,264	3,384	2,522	4,978	4,254
Pumps, Motors & Equipment	0	179	0	0	0
Payment in Lieu of Taxes	214,070	222,162	156,521	206,131	211,561
Depreciation Expense	704,017	717,046	538,126	714,903	731,851
Amortization - Deferred Costs	9,356	9,356	7,017	9,360	9,360
Lease Rental Payments - Principal	66,262	68,029	68,029	68,029	68,913 (9)
Lease - Copiers/Printers	3,232	2,667	2,518	3,509	3,502
Bank Fees - Credit Card	29,276	29,721	24,615	32,036	33,476
Miscellaneous	21,340	16,021	8,561	16,985	14,969
Total Operating Supplies & Expense	1,355,722	1,462,420	1,069,493	1,374,672	1,450,342
Total Expenses	3,357,979	3,632,229	2,688,135	3,561,618	3,886,848
Operating Income	524,287	1,325,132	925,160	1,024,123	1,013,736
Interest					
Interest Revenue	4,806	4,855	3,195	4,804	4,345
Interest Expense	(162,898)	(196,357)	(109,006)	(141,619)	(425,718) (10)
Total Interest Revenue (Expense)	(158,092)	(191,502)	(105,811)	(136,815)	(421,373)
Extraordinary Items					
Gain on Sale of Assets	0	0	0	0	0
Loss on Sale of Assets	(3,207)	(11,735)	0	(595)	(5,000)
Total Extraordinary Items	(3,207)	(11,735)	0	(595)	(5,000)
NET MARGIN	362,988	1,121,895	819,349	886,713	587,363

WASTEWATER UTILITY 2017 Budget - Final

Notes to Proposed Revenue and Expenses

Note	Description
(1)	An overall growth factor of 2% was used in determining the proposed 2017 revenues.
(2)	This represents the amount that the City reimburses the Utilities for Stormwater services and costs. This amount has been reduced to \$0.
(3)	Accounting fees include the cost of the State Board of Accounts annual audit, the bond disclosure costs and a potential 2016 rate case.
(4)	Estimated amount for miscellaneous contractual services needed by the different departments.
(5)	Assumes a 3% increase to be split between inflation and merit. Also, assumes an additional amount for positions that were vacant for a portion of the year last year.
(6)	Assumes a 42% increase in group health insurance.
(7)	Funding of the Defined Benefit Plan and the Defined Contribution Plan.
(8)	A bad debt allowance has been set at .5%.
(9)	Lease rental principal on municipal building.
(10)	Lease rental interest on municipal building and bond interest on the 2013 and 2014 bonds.

WASTEWATER UTILITY 2017 Budget - Final

Capital Additions

Item	Class	Description	Code	Amount	Notes
1	C	Wastewater Improvement / Expansion Projects	3	1,980,000	
		Biosolids Dewatering		1,500,000	
		Contingency		150,000	
		Non-Construction		330,000	
2	B	Grant Street Sanitary - Reroute of sanitary sewerlines to eliminate various pipes in Prairie	2	530,000	
3	B	Enterprise Blvd/Purity Dr Lift Station - Existing Lift Station West of Purity Drive may need to be upsized due to increased flows.	2	500,000	
4	C	Wastewater's Portion of the IT Budget - The estimated cost to the Wastewater Utility for IT Functions.	1	106,275	
5	C	Line Repair and Replacement Program (yrly +/-).	2	100,000	
6	B	Facility Repairs - Used for treatment and collection facility repairs.	2	60,000	
7	B	Equipment Replacement - Major equipment \$20k or greater.	2	50,000	
8	C	Automated Meter Infrastructure - Annual amount for meter replacements as needed.	2	50,000	
9	B	Equipment Repairs - General equipment repairs.	2	45,000	
10	B	Disaster Recovery Plan - A plan for Lebanon Utilities in case of a disaster.	1	31,000	
11	B	Security Systems - Security for lift stations.	1	20,000	

WASTEWATER UTILITY

2017 Budget - Final

Capital Additions (Cont)

Item	Class	Description	Code	Amount	Notes
12	D	Wastewater's Portion of Administration Vehicles - Wastewater's portion of administrative vehicle replacements in agreement with our vehicle replacement program.	2	16,667	(a),(b)
TOTAL				<u>3,488,941</u>	
Operational Cash Flow				157,275	
Bond Proceeds				1,980,000	
Other				<u>1,351,667</u>	
TOTAL				<u><u>3,488,941</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.**

WASTEWATER UTILITY 2017 Budget Final

Capital Projects - 5 Years Beyond Fiscal Year 2017

Item	Description	Projected 2018	Projected 2019	Projected 2020	Projected 2021	Projected 2022	Total Amount
1	Master Plan Development Major improvements and expansion funded by a 2017 Bond.	5,014,680 A	1,993,200 B	0	0	0	7,007,880
2	Morningside Liftstation Eliminate existing Morningside Liftstation by installing new gravity flow sewer to the Essex Drive LS east of Grant.	0	0	600,000	0	0	600,000
3	Liftstation on Indianapolis Ave. Replacement of existing can style lift station at the old Chevrolet Dealership.	588,620	0	0	0	0	588,620
4	Line Repair and Replacement Ongoing project to help with infiltration.	100,000	100,000	100,000	100,000	100,000	500,000
5	10 Year Vehicle Replacement Program Ongoing program and includes wastewater's portion of multi-departmental equipment replacement program- five of ten years.	108,500	34,000	60,850	95,850	132,000	431,201
6	Facility Repairs Miscellaneous Repairs.	60,000	60,000	60,000	60,000	60,000	300,000
7	Equipment Replacements Major equipment \$20k or greater.	50,000	50,000	50,000	50,000	50,000	250,000
8	AMR/AMI Ongoing Program for AMR/AMI System	50,000	50,000	50,000	50,000	50,000	250,000
9	Equipment Repairs Miscellaneous Repairs.	45,000	45,000	45,000	45,000	45,000	225,000
10	IT Budget See IT capital budget for breakdown.	26,350	26,350	26,350	35,650	26,350	141,050
Total		<u>6,043,150</u>	<u>2,358,550</u>	<u>992,200</u>	<u>436,500</u>	<u>463,350</u>	<u>10,293,751</u>

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

A - Secondary Aeration and Clarification and 1/2 of UV Disinfection. Grit Removal.

B - RAS/WAS Pumping, 1/2 of UV Disinfection, EQ Basin and Piping/Hydraulic Modification.

WASTEWATER UTILITY

Projected Cash Analysis

	2017	2018	2019	2020	2021	2022
Total Cash & Investments - Beginning of Year						
Not Restricted by Ordinance/Regulation	1,332,783	7,848,264	2,523,438	868,349	578,967	848,719
Add:						
Projected Operating Income (A)	4,900,583	4,920,676	4,940,850	4,961,108	4,981,448	5,001,872
Interest	4,345	39,241	12,617	4,342	2,895	4,244
Depreciation & Amortization	741,211	763,448	786,351	809,942	834,240	859,267
Bond Proceeds	9,300,000	0	0	0	0	0
Less:						
Projected Operational Expenses (B)	(3,886,848)	(3,889,653)	(3,917,659)	(3,945,866)	(3,974,276)	(4,002,891)
Repayment to Water Utility - Availability	(79,152)	(80,735)	(82,350)	(83,997)	(85,677)	(87,390)
Bond Principal & Interest Payments	(975,718)	(1,034,652)	(1,036,350)	(1,042,710)	(1,052,379)	(1,051,132)
Estimated Cash & Investments Before Capital Expenditures						
Not Restricted by Ordinance/Regulation	11,337,205	8,566,588	3,226,899	1,571,167	1,285,219	1,572,689
Less:						
Projected Capital Expenditures	(3,488,941)	(6,043,150)	(2,358,550)	(992,200)	(436,500)	(463,350)
Estimated Cash & Investments - End of Year						
Not Restricted by Ordinance/Regulation	7,848,264	2,523,438	868,349	578,967	848,719	1,109,339
Less: Two Months of Average Operation Expense	(647,808)	(648,276)	(652,943)	(657,644)	(662,379)	(667,148)
Available Cash & Investments - End of Year						
Not Restricted by Ordinance/Regulation	<u>7,200,456</u>	<u>1,875,163</u>	<u>215,406</u>	<u>(78,677)</u>	<u>186,340</u>	<u>442,191</u>

(A) Prior year plus increase of 0.41% which is the average change in the last 5 years.

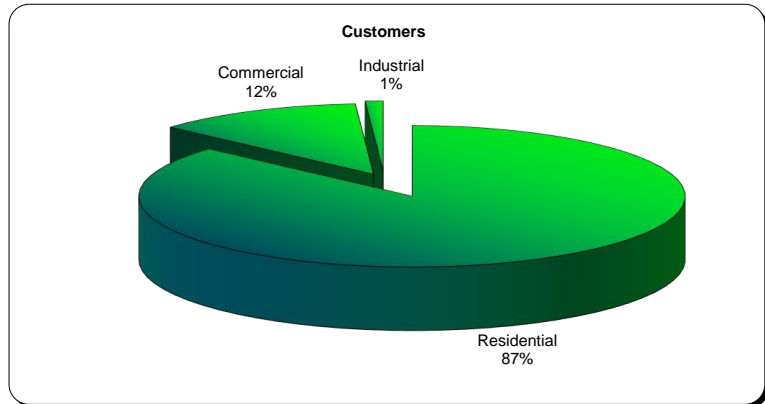
(B) Prior year plus increase of .72% which is the average change in the last 5 years.

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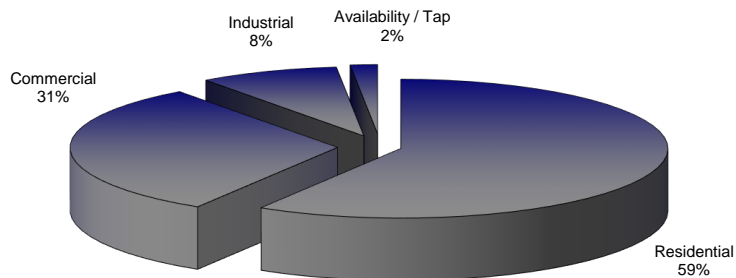
Statistics

Number of Customers

Residential	5,547
Commercial	788
Industrial	68



Projected 2017 Revenue

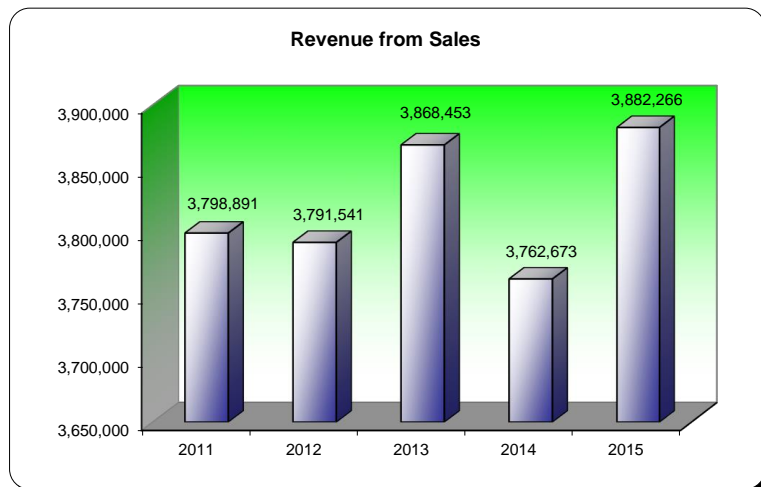


Projected 2017 Revenue

Residential	2,823,435
Commercial	1,498,757
Industrial	405,596
Availability / Tap	79,152

Revenue From Sales

2011	3,798,891
2012	3,791,541
2013	3,868,453
2014	3,762,673
2015	3,882,266
**2016 Year to Date Thru Sept.	3,613,295

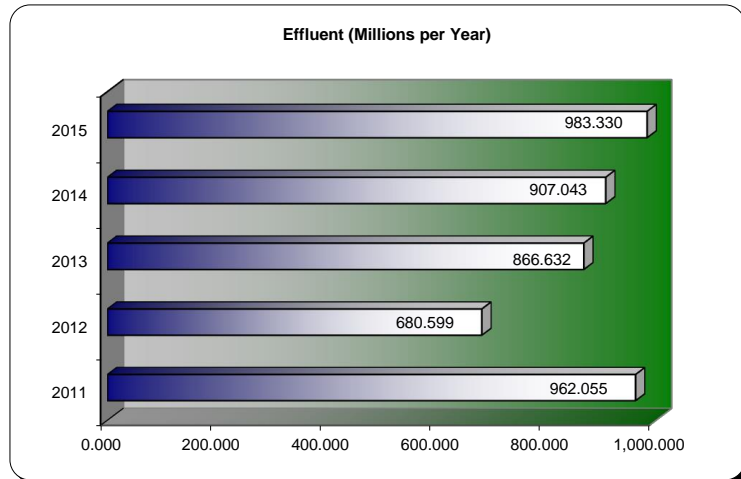


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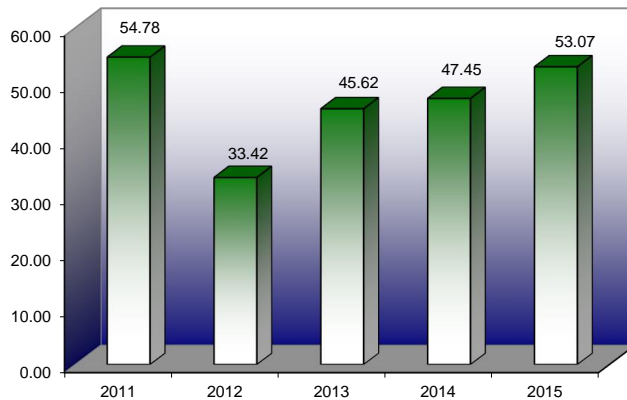
Statistics

Effluent (1,000,000 Gallons)

2011	962.055
2012	680.599
2013	866.632
2014	907.043
2015	983.330
**2016 Year to Date Thru Sept.	669.761



Rainfall (Inches)



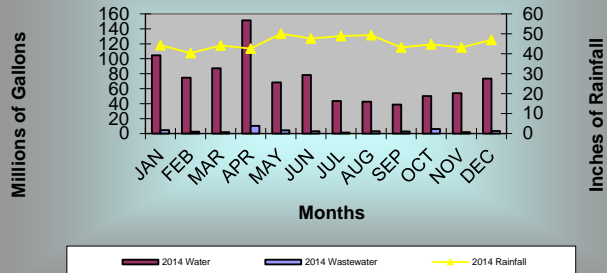
Rainfall (Inches)

2011	54.78
2012	33.42
2013	45.62
2014	47.45
2015	53.07
**2016 Year to Date Thru Sept.	35.22

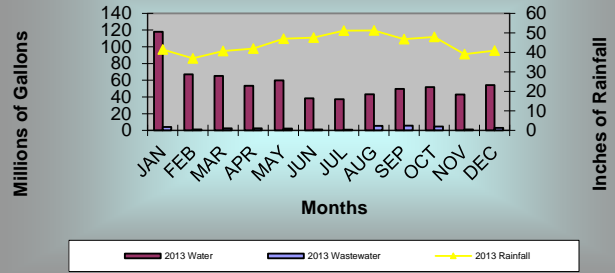
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Statistics

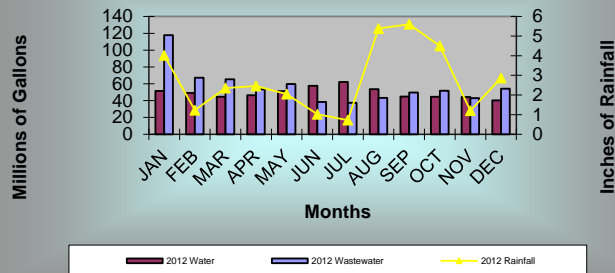
2014 Rainfall Impacts



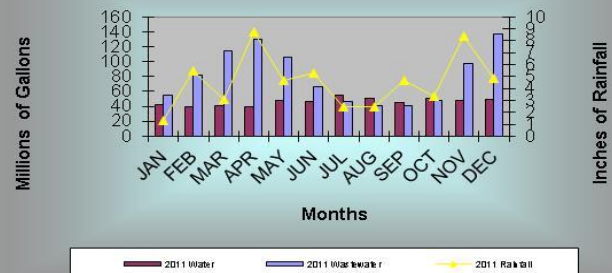
2013 Rainfall Impacts



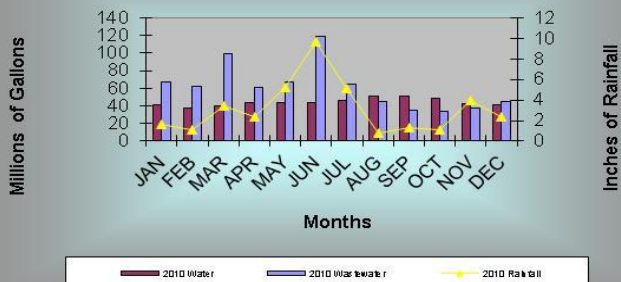
2012 Rainfall Impacts



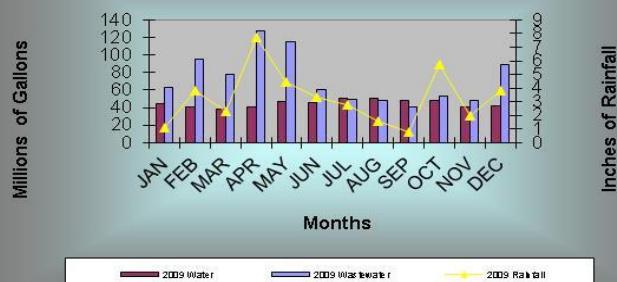
2011 Rainfall Impacts



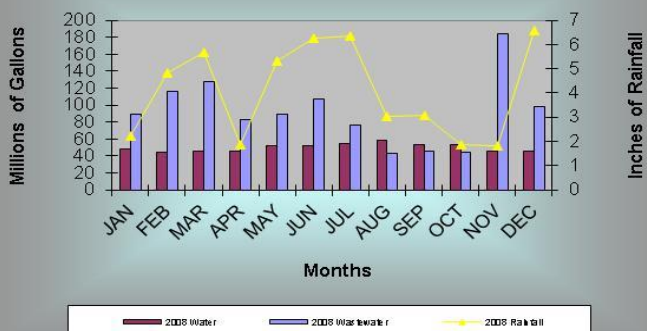
2010 Rainfall Impacts



2009 Rainfall Impacts



2008 Rainfall Impacts



2007 Rainfall Impacts



Telecommunications Division

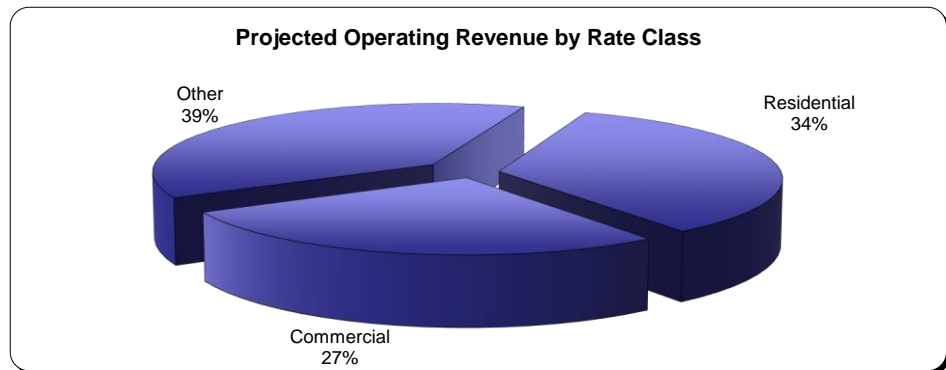
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TELECOMMUNICATIONS DIVISION
2017 Budget - Final

Revenues

	Actual 2015	Budget 2016	9 Months 2016	Rolling 12 Months	Proposed 2017
Operating Revenue					
Residential	194,290	195,419	165,472	216,189	224,961
Commercial	64,486	63,915	58,950	76,225	79,735
Custom Commercial	99,824	104,243	71,847	95,213	98,370
Installations	14,498	15,417	22,733	26,259	29,133
Equipment	182,527	183,340	155,779	203,580	211,812
Set-up Charges	4,920	4,439	4,710	6,450	6,556
Late Penalties	3,139	2,870	2,693	3,823	3,818
Total Revenue from Sales	563,684	569,643	482,184	627,739	654,385
Other Revenue					
Interest	254	235	245	328	334
Other	41,913	42,648	28,840	39,094	39,937
Total Other Revenues	42,167	42,883	29,085	39,422	40,271
Total Revenue	605,851	612,526	511,269	667,161	694,656

Note: An average growth factor of 3% was used in determining the proposed 2017 revenues.



Rate Class	Number of Customers
Wireless	922
Fiber	13
Total	935

(As of 9-16)

TELECOMMUNICATIONS DIVISION
2017 Budget - Final

Revenues/Expenses

	<u>Actual 2015</u>	<u>Budget 2016</u>	<u>9 Months 2016</u>	<u>Rolling 12 Months</u>	<u>Proposed 2017</u>	
Operating Revenues						
Residential	194,290	195,419	165,472	216,189	224,961	(1)
Commercial	64,486	63,915	58,950	76,225	79,735	(1)
Custom Commercial	99,824	104,243	71,847	95,213	98,370	(1)
Installations	14,498	15,417	22,733	26,259	29,133	(1)
Equipment	182,527	183,340	155,779	203,580	211,812	(1)
Set-up Charges	4,920	4,439	4,710	6,450	6,556	(1)
Late Penalties	3,139	2,870	2,693	3,823	3,818	(1)
Total Operating Revenue	<u>563,684</u>	<u>569,643</u>	<u>482,184</u>	<u>627,739</u>	<u>654,385</u>	
Other Revenue						
Other	41,913	42,648	28,840	39,094	39,937	
Total Other Revenue	<u>41,913</u>	<u>42,648</u>	<u>28,840</u>	<u>39,094</u>	<u>39,937</u>	
Total Revenue (less Interest)	<u>605,597</u>	<u>612,291</u>	<u>511,024</u>	<u>666,833</u>	<u>694,322</u>	
Purchased Services						
Bandwidth	52,094	55,000	39,859	53,148	66,960	
Telephone	2,496	3,068	2,330	2,814	3,020	
Contractual Services - Other	15,579	16,314	4,991	8,773	18,786	(2)
Contractual Services - IT	427	0	21,712	0	27,137	
Accounting Fees	0	1,250	3,465	2,415	3,588	(3)
Legal Fees	5,131	5,967	2,784	4,697	5,039	
Utilities	9,498	10,291	7,176	9,373	9,802	
Total Purchased Services	<u>85,225</u>	<u>91,890</u>	<u>82,317</u>	<u>81,220</u>	<u>134,331</u>	
Wages & Benefits						
Customer Install	40,444	53,492	28,700	37,474	39,415	(4)
Billing	2,721	2,969	1,955	2,517	2,685	(4)
Administrative	29,557	30,484	20,028	27,387	27,505	(4)
Office Personnel	46,827	47,657	49,484	61,609	72,958	(4)
Sick/Vacation Pay	15,281	13,063	9,000	14,769	12,360	(4)
FICA Taxes	9,299	10,236	7,808	10,210	10,723	(4)
Group Insurance	38,869	51,822	45,523	55,169	99,041	(5)
Pension	20,626	20,775	19,199	24,248	25,727	(6)
Total Wages & Benefits	<u>203,624</u>	<u>230,498</u>	<u>181,697</u>	<u>233,383</u>	<u>290,413</u>	

TELECOMMUNICATIONS DIVISION
2017 Budget - Final

Revenues/Expenses (Cont.)

	Actual 2015	Budget 2016	9 Months 2016	Rolling 12 Months	Proposed 2017
Operating Supplies & Expense					
Tools & Equipment	664	812	1,883	1,896	2,247
Installation Supplies	5,625	6,005	5,295	6,597	6,965
Tower Rent	16,665	17,941	14,903	17,661	18,766
Maintenance of Equipment	136	165	136	155	172
General Maintenance	2,049	1,827	1,045	1,914	1,687
Office Supplies	861	1,093	875	976	1,138
Janitorial Services	1,089	1,089	838	1,113	1,089
Interior Landscaping	0	39	0	0	39
Exterior Landscaping	812	447	538	667	447
Miscellaneous Equipment	677	907	248	248	396
Communications Equipment	1,692	2,223	722	722	859
Fiber	944	1,124	139	139	165
Computer Equipment	1,289	1,855	1,934	1,985	1,855
Software Expense	2,250	2,050	1,703	2,407	2,050
Maintenance Agreements	5,729	7,650	6,023	5,471	6,886
Dues & Subscriptions	1,493	2,614	1,972	1,463	2,623
Postage	1,018	1,293	241	309	328
Insurance	12,659	17,087	14,035	14,130	14,316
Conference & Training	1,168	3,890	485	608	4,101
Promotion	655	2,780	227	506	2,900
Employee Recognition	118	350	15	15	350
Transportation	3,677	3,695	2,819	3,779	3,844
Freight / Shipping	2,223	2,398	1,473	1,932	1,987
Payment in Lieu of Taxes	2,327	2,547	1,927	2,380	2,524
Depreciation Expense	42,033	42,486	31,897	42,689	43,461
Gross Income Tax	9,018	8,265	6,000	9,000	8,332
Bad Debt Expense	1,439	1,424	1,424	1,605	3,272
Lease Rental Payments - Principal	14,962	15,362	15,361	15,361	15,561
Lease - Copiers/Printers	730	344	568	0	780
Bank Fees - Credit Card	2,745	2,736	2,308	3,003	3,101
Miscellaneous	17,925	17,280	18,991	24,330	25,367
Total Operating Supplies & Expense	154,672	169,778	136,025	163,061	177,608
Total Expenses	443,521	492,166	400,039	477,664	602,352
Operating Income	162,076	120,125	110,985	189,169	91,970
Interest					
Interest Revenue	254	235	245	328	334
Interest Expense	(3,756)	(3,389)	(3,387)	(3,387)	(3,009)
Total Interest Revenue (Expense)	(3,502)	(3,154)	(3,142)	(3,059)	(2,675)
Extraordinary Items					
Gain on Sale of Assets	0	0	0	0	0
Loss on Sale of Assets	(2,699)	(3,000)	(750)	(2,217)	(5,000)
Total Extraordinary Items	(2,699)	(3,000)	(750)	(2,217)	(5,000)
Net Margin	155,875	113,971	107,093	183,893	84,295

TELECOMMUNICATIONS DIVISION
2017 Budget - Final

Notes to Proposed Revenue and Expenses

Note	Description
(1)	The revenue numbers are based on a 3% increase in revenue for 2017.
(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)	Assumes a 42% increase in group health insurance.
(6)	Funding of the Defined Benefit Plan and the Defined Contribution Plan.
(7)	A bad debt allowance has been set at .5%.
(8)	Lease rental principal on municipal building.
(9)	Includes a portion for the interest on the lease for the municipal building.

TELECOMMUNICATIONS DIVISION 2017 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	57,000	
2	C	Telecom's Portion of the IT Budget - The estimated cost to the Telecommunication Utility for IT Functions.	1	22,868	
3	C	Tower AP Upgrades - Additional access points, antennas or upgrade access points to provide faster service.	2	20,000	
4	C	Wireless Maintenance & Upgrades - Annual amount for routine break/fix and required upgrades. This will cover approx. 100 customers.	2	13,000	
5	B	Fiber Customer Installs - Money for new installs.	2	10,000	
6	C	Fiber Maintenance & Upgrades - Annual amount for routine break/fix and required upgrades. Airblown Fiber to Elm Street Water Tower.	2	10,000	
7	B	Disaster Recovery Plan - A plan for Lebanon Utilities in case of a disaster.	1	7,000	
8	B	Router/Switch Upgrades - Upgrade routing and switching infrastructure for the internet service.	2	3,000	
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				142,868	
Operational Cash Flow				29,868	
Other				113,000	
TOTAL				142,868	

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
2017 Budget - Final

Capital Projects - 5 Years Beyond Fiscal Year 2017

Item	Description	Projected 2018	Projected 2019	Projected 2020	Projected 2021	Projected 2022	Total Amount
1	CPE Upgrades Upgrade existing customer equipment.	45,000	0	0	0	50,000	95,000
2	Wireless Customer Equipment Equipment on customer premises.	13,000	13,000	13,000	13,000	13,000	65,000
3	Fiber Customer Installs Fiber to new businesses.	10,000	10,000	10,000	10,000	10,000	50,000
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.	0	0	50,000	0	0	50,000
6	IT Budget See IT capital budget for breakdown.	5,950	5,950	5,950	8,050	5,950	31,850
7	Backhaul upgrades To maintain or upgrade the radios that feed the remote locations.	0	0	20,000	0	0	20,000
8	Router/Switch Upgrades Upgrade routing and switching infrastructure for the internet service.	0	3,000	0	0	5,000	8,000
9	10 Year Vehicle Replacement Program Ongoing program and includes telecoms portion of multi-departmental equipment replacement program- five of ten years.	0	0	2,450	2,449	0	4,900
Total		83,950	41,950	111,400	43,499	93,950	374,750

Telecommunications Division

Projected Cash Analysis

	2017	2018	2019	2020	2021	2022
Total Cash & Investments - Beginning of Year						
Not Restricted by Ordinance/Regulation	200,291	169,799	173,244	182,529	176,313	181,967
Add:						
Projected Operating Income (A)	694,322	708,209	722,373	736,820	751,557	766,588
Interest	334	849	865	902	860	878
Depreciation & Amortization	43,461	44,765	46,108	47,491	48,916	50,384
Less:						
Projected Operational Expenses (B)	(602,352)	(603,419)	(615,488)	(627,797)	(640,353)	(653,160)
Interest on Lease	(3,389)	(3,008)	(2,624)	(2,232)	(1,826)	(1,416)
Repayment of Loan	(20,000)	(60,000)	(100,000)	(50,000)	(110,000)	(70,000)
Estimated Cash & Investments Before Capital Expenditures						
Not Restricted by Ordinance/Regulation	312,667	257,194	224,479	287,713	225,467	275,241
Less:						
Projected Capital Expenditures	(142,868)	(83,950)	(41,950)	(111,400)	(43,499)	(93,950)
Estimated Cash & Investments - End of Year						
Not Restricted by Ordinance/Regulation	169,799	173,244	182,529	176,313	181,967	181,291
Less: Two Months of Average Operation Expense	(100,392)	(100,570)	(102,581)	(104,633)	(106,726)	(108,860)
Available Cash & Investments - Beginning of Year						
Not Restricted by Ordinance/Regulation	69,406	72,674	79,947	71,680	75,242	72,430

(A) Prior year plus increase of 2% in 2018 - 2022.

(B) Prior year plus increase of 2% in 2018 - 2022 which will need to be monitored by staff.

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

IT Capital Program

2017 Budget - Final

IT
2017 Budget - Final
Capital Additions

Item	Class	Description	Code	Amount	Department
1	B	Disaster Recovery - Develop a back-up IT system.	1	120,000	IT
2	B	Software - Replace the billing/cs system.	1	100,000	IT
3	B	Workstation Upgrades - Replace out-of-date workstations based on a standard replacement cycle.	2	40,800	IT
4	B	Video Room - Upgrades to the video room in conjunction with city.	2	25,000	IT
5	B	Network Hedge (Hardware) - Continuing work on upgrades to company networking systems.	2	25,000	IT
6	B	Software Licenses - Windows Server 2016 and SQL Server.	2	15,892	IT
7	B	GIS Software - Software to update the GIS System.	2	15,000	IT
TOTAL				<u>341,692</u>	
Operational Cash Flow				220,000	
Other				<u>121,692</u>	
TOTAL				<u>341,692</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
2017 Budget - Final**

Capital Projects - 5 Years Beyond Fiscal Year 2017

Item	Description	Projected 2018	Projected 2019	Projected 2020	Projected 2021	Projected 2022	Total Amount
1	Server Upgrades/Replacement Replace out-of-date servers based on a standard replacement cycle.	20,000	20,000	20,000	50,000	20,000	130,000
2	Network Replacement Multi-year program to upgrade the network over a 5-year period.	25,000	25,000	25,000	25,000	25,000	125,000
3	Workstation Upgrades Replace out-of-date workstations based on a standard replacement cycle.	20,000	20,000	20,000	20,000	20,000	100,000
4	Data Center Storage (SAN) Upgrades Additional processors and memory to keep up with system demands.	20,000	20,000	20,000	20,000	20,000	100,000
Total		<u>85,000</u>	<u>85,000</u>	<u>85,000</u>	<u>115,000</u>	<u>85,000</u>	<u>455,000</u>

Vehicle Replacement Plan

2017 Budget - Final

ALL UTILITIES
2017 Budget - Final
Vehicles - 10 Year Replacement Plan

Dept.	Year	No.	Description	Cycle Years	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Electric:														
Electric Distribution														
I. Light Vehicles														
	2000		GMC Sonoma Pick-Up	None										
	2013	88	Dodge Van	10							35,000			
	2003	21	Chevy Ext. Full Size	None										
	2016	28	Ford Pick-Up	10										40,000
	2016	81	Ford F-150 4X4	10										40,000
II. Bucket Trucks														
	2002	3	GMC C 6500	10										
	2004	17	Chevy Duramax C 7500	10	225,000									
	2009	8	Ford 550 (Service Bucket)	10			185,000							
	2013	11	Line Bucket 45ft	10								217,250		
	New		Service Bucket 37ft	10										
III. Line Trucks														
	2007	19	International 4300	10				230,000						
	2009	22	International 4300	10					225,000					
IV. Misc. Trucks														
	2008	7	1T Ford Dump Truck	10										
V. Other Equipment														
	1967		Pole Trailer	None										
	1985		2PL Wire Trailer	None										
	1997		1PL Wire Trailer	None										
	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>225,000</u>	<u>0</u>	<u>185,000</u>	<u>230,000</u>	<u>225,000</u>	<u>0</u>	<u>35,000</u>	<u>217,250</u>	<u>0</u>	<u>80,000</u>

**ALL UTILITIES
2017 Budget - Final**

Vehicles - 10 Year Replacement Plan

Dept.	Year	No.	Description	Cycle Years	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Water:														
Administration:														
I. Vehicles														
	2006	14	Ford Escape (1/2)	5		13,250								
Water Plant:														
I. Vehicles														
	2016	15	Dodge	10										35,000
	2002	35	Dodge Dakota Pickup	10		28,000								
	2014	31	Ford Escape	10								25,000		
II. Other Equipment														
	2003		John Deere Lawn Mower	None			8,500							
	2005		Deere 210E Landscape Loader	None										8,500
Water Distribution:														
I. Vehicles														
	2015	10	1T Service Truck	10									30,000	
	2015	6	Ford F 350 Service Truck	10									21,000	
II. Dump Trucks														
	2002	18	GMC 2T Dump Truck	10						50,000				
	2004	29	1 1/2T Ford F450	15							40,000			
III. Other Equipment														
	2003		Backhoe	None		100,000								
	2006		Case 570MXT Backhoe										75,000	
	2004		Vemeer	None							85,000			
	2003		Sullair	None								10,000		
	1977		Bame Backhoe Trailer					7,000					5,000	
	1997		Trailer					4,000						
Total					<u>0</u>	<u>141,250</u>	<u>8,500</u>	<u>11,000</u>	<u>0</u>	<u>50,000</u>	<u>125,000</u>	<u>35,000</u>	<u>131,000</u>	<u>43,500</u>

**ALL UTILITIES
2017 Budget - Final**

Vehicles - 10 Year Replacement Plan

Dept.	Year	No.	Description	Cycle Years	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Wastewater:														
Administration:														
I. Vehicles														
	2006	14	Ford Escape (1/2)	5		13,500								
Wastewater Treatment Plant:														
I. Vehicles														
	2001	12	Dodge Ram	10		35,000								
	2007	37	GMC Sierra	10				35,000						
II. Other Equipment														
	1988		Bunton Mower	10			8,500							
	2008		Kubota Mower	None						8,500				
	2011		Kubota Mower	10									9,300	
	2002		Toro Z Master	None			8,500							
	2011		Toro Z Master	10					15,000				8,375	
	1987		Deutz / Allis Tractor	None			17,000							
			Com Pro Trailer										2,700	
			Kubota RTV900					15,000						
	Old	5	GMC 3500 Dump	None										
	2008		Hauler Gator Type	None										
Sewer Maintenance:														
I. Vehicles														
	2014	24	Ford Escape	10								25,000		
	2016	2	Ford	7										75,000
	2008	26	Ford F 350 Super Duty	7		60,000								
	2003	23	3/4T Camera Van	10							350,000			
	2015	27	Ford	None										130,000
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									200,000	
			Case Backhoe 580 Super	10								100,000		
	2002		Liftstation Generator	None							12,000			
	2002		Case 85 XT Skid Steer	None						65,000				
	2002		Skid Steer Trailer	None						7,000				
Total					<u>0</u>	<u>108,500</u>	<u>34,000</u>	<u>50,000</u>	<u>85,000</u>	<u>132,000</u>	<u>380,500</u>	<u>125,000</u>	<u>220,375</u>	<u>205,000</u>

ALL UTILITIES
2017 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 2017</u>	<u>FY 2018</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>
Telecommunications														
I. Vehicles														
	2014	51	Ford E Series E150	8							25,000			
	2014	85	Ford E Series E150	8								25,000		
Total					<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>25,000</u>	<u>25,000</u>	<u>0</u>	<u>0</u>

ALL UTILITIES
2017 Budget - Final

Vehicles - 10 Year Replacement Plan

Dept.	Year	No.	Description	Dept.	Cycle Years	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Miscellaneous:															
Meter Technicians:															
I. Vehicles															
	2001	16	Chevy	Metering	7	25,000							30,000		
	2004	80	GMC Canyon	Metering	7	25,000							30,000		
	2013	20	Ford Escape	TA	10							25,000			
	2015	34	Chevy Silverado	Metering	10										
II. Locator Vehicles															
	2006	33	GMC Canyon		7										
Administration:															
I. Vehicles															
	2010	90	GMC Pick-Up	Facility	10					35,000					
	2014	1	Jeep Cherokee	GM	5				35,000			30,000			
Total						<u>50,000</u>	<u>0</u>	<u>0</u>	<u>35,000</u>	<u>35,000</u>	<u>0</u>	<u>55,000</u>	<u>60,000</u>	<u>0</u>	<u>0</u>