



GROTON UTILITIES

ELECTRIC DIVISION

**OPERATING AND CAPITAL
BUDGET**

2019/2020

Proposed 4/10/2019

UC Approved 4/17/2019

City Council Approved 6/17/2019

Groton Utilities – Electric Division DRAFT

2019 - 2020 Budget Proposed April 10, 2019

The Fiscal Year 2020 Budget proposal for Groton Utilities – Electric Division is presented with Actual Fiscal Year 2017, Actual Fiscal Year 2018, Projected June 30, 2019, and the Approved 2019 Budget for comparison purposes.

Revenue and Power Cost Development

Revenues were developed using new rates effective April 1 of 2019 and 2020 including a TCA charge and a credit PPA applied to the period 12 months ended January 31, 2019. Because of the change in the structure of the HVLGS Rate, the unpredictable variances in monthly peak demand and energy use no longer impact the budget revenue development for the one Industrial Non-Manufacturing customer on that rate. Overall, FY 2020 budget kWh usage is approximately 0.7% higher than the FY 2019 budget. The new rates combined with increasing kWh sales results in a 0.4% or \$207K increase in total Electric Revenue. Total Electric Revenue proposed for FY 2020 is \$48 million.

Effective April 1, 2019 the power cost to CMEEC will be reduced from \$0.07768/kWh to \$0.07394. In accordance with the Cost of Service Study (COSS) the PPA will be set at -\$0.0055/kWh and the TCA will remain unchanged at \$0.00393/kWh. This will result in a utilization of approximately \$4.3 million of CMEEC Rate Stabilization Funds (RSF) which will be offset by projected margins of \$1.5 million resulting in a \$2.8 million net reduction in the CMEEC RSF and will reduce the fund balance to approximately \$8 million at the end of FY 2020.

Revenues also include the Conservation and Load Management (CLM) charge of \$.0025/kWh, which is unchanged since January 2011.

Non-Bonded Capital Projects

Non-Bonded Capital Project costs proposed for Electric Division total \$2.3 million for FY 2020 which is an increase of 30% or \$533K over FY 2019.

- Electric Operations Non-Bonded Capital Projects total \$1.8 million
- Customer Care Non-Bonded Capital projects total \$150K, of which \$90K is allocated to the Electric Division
- IT Non-Bonded Capital projects total \$654K, of which \$392K is allocated to the Electric Division

In addition, an estimated \$400K will be utilized from the vehicle replacement fund for the replacement vehicles which will be offset by a FY 2020 contribution of \$100K.

Bond Capital Projects

Planned Capital projects that are funded by approved 2016 bond funds total \$3.3 million.

Electric/Water/Sewer Division Allocation

The ratio for dividing non-direct expenses between the Electric, Water, and Sewer Divisions are 60/30/10% (Electric/Water/Sewer) based on customer counts per Division. The cost associated with Promotions and Demonstrating & Selling expenses allocation will remain at 50/50% (Electric/Water) because the costs incurred in this area generally promote the utility as a whole and not necessarily based on customer segments. Expenses related specifically to an individual department will be allocated accordingly.

Operating Expenses

Expenses were developed using actual and historical information and adjusted for known changes. Total Operating & Maintenance Expense increased 4% or \$633K from last year's budget. Labor expense is decreased by 1% or \$50K overall and Non-Labor expense is increased by 6% or \$682K overall from last year's budget.

Return to the City: The return to the City is based on the current fiscal year Projected Earnings of the Electric Division as of February 15th. A conservative projection of the FY 2019 earnings for the Electric Division at that time resulted in earnings that are expected to be approximately 2% below FY 2019 budget, about \$63K. According to the provision the range of contributions could not be greater than 85% of the current year's projected earnings but not less than 90% or not more than 115% of the previous year's payment. Therefore, the Return to the City for the FY 2020 Budget may be set at 115% of the previous year's payment, the maximum allowed by the guiding formula. This would increase the payment to the City an estimated \$600K from \$4.1 million to \$4.7 million which would have a severely detrimental impact on the cash requirements of the Electric Division to meet debt service obligations and invest in capital improvements necessary for continued quality of service. **The proposed Return to the City amount included in the FY 2020 budget remains at \$4.1 million, same as the approved FY 2019 budget.**

In addition to the required cash contribution, the utility pays the city for rent and services and provides the city with other services valued in excess of \$2.3 million for a total value to the city of \$6.4 million.

Operating Earnings and Net Cash Flow

Operating Earnings resulting from the proposed budget are \$3.5 million which is 34% below the COSS target Operating Earnings of \$5.3 million. Proposed FY 2020 Net Income combined with depreciation cash and vehicle reserves provides approximately \$4.8 million to fund Reserve Contributions, Capital Investments, and Debt Service requirements. This results in a Net Decrease in Cash Flow from Operations of \$4.9 million. This number depicts a fundamental change in the method of reporting Receipts from Bond Funds per recommendation of the City Finance Director. The 2020 proposed budget projects a Total Ending Cash Balance of \$14.6 million which is about 19% less than the COSS Projected Cash Balance of \$18 million but is actually 22% more than the COSS Recommended Minimum Cash Balance of \$12 million.

Approval Recommendation

The Proposed budgets for FY 2020 will afford the Electric Division to:

1. Continue to provide highly reliable and responsive service that the customers expect and at rates that are fair, competitive, and viewed as providing value to the customer.
2. Allow for the efficient operation and maintenance of the electric distribution system.
3. Meet debt service requirements and fund growing infrastructure and technology needs.
4. Support compensation plans sufficient to attract and retain skilled, high-tech workers.

Management recommends the proposed operations and capital budgets for FY 2020 and cash flow plan be approved as proposed.

**Groton Utilities Current, Proposed vs. Benchmark
 April 1, 2019 rates
 Residential Bills
 (various kWh usage levels)**



kWh Usage

GU will be 29% below the benchmark on 4-1-2019 at 700kWh

GROTON UTILITIES

Contributions To The City of Groton PROPOSED BUDGET 2019 - 2020

Description	FY 2020
Rent 295 Meridian	\$ 135,048
Free Service - Utility	294,874
Gravel Sales contributed by Water Division	27,000
City Day	10,000
Concerts in Park	15,450
City Services	5,000
Rent on Watershed Property	10,000
City Safety Program	38,335
Building Maintenance Labor	61,350
Building Maintenance Allocation	19,100
Maint. City Assessment	47,000
City Service - Finance Dept. Allocation	357,476
City Service - HR 50%	129,490
Financial Software	15,737
IT Support	918,925
IT Capital Projects for City	268,248
Non Cash Contribution Subtotal	\$ 2,353,033
Cash Contribution	\$ 4,071,140
GU Contribution to City Total	\$ 6,424,173

GROTON UTILITIES

ELECTRIC DIVISION

2019/2020 BUDGET

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GROTON UTILITIES
Electric Division 005 Budget Revenue

	FY 2017 Actual	FY 2018 Actual	FY 2019 Projected	Approved FY 2019 Budget	Proposed FY 2020 Budget	Variance 2019 Budget vs. 2020 Budget	Variance 2018 Actual vs. 2020 Budget
OPERATING REVENUES							
Residential & Solar Customers	\$ 15,911,665	\$ 15,754,422	16,353,994	\$ 15,670,103	\$ 16,213,790	\$ 543,687	\$ 459,368
Commercial	14,803,729	14,093,420	14,479,953	14,322,920	14,247,674	(75,246)	154,254
Commercial - Flat Rate	88,552	89,140	92,366	89,724	89,742	18	602
Industrial - Non Manufacturing	10,205,933	9,030,680	9,230,725	9,343,766	8,897,400	(446,366)	(133,280)
Industrial - Manufacturing	6,809,347	6,896,151	6,904,033	6,828,802	6,930,091	101,289	33,940
Street and Area Lighting	545,015	542,376	544,941	536,804	554,101	17,297	11,725
Sales for Resale	798,277	788,460	836,390	788,834	855,232	66,398	66,772
TOTAL ELECTRIC REVENUE	\$ 49,162,518	\$ 47,194,650	\$ 48,442,402	\$ 47,580,953	\$ 47,788,030	\$ 207,077	\$ 593,380
Industrial Pass Through Revenue	6,132,483	6,682,269	6,820,397	6,609,578	6,994,333	\$ 384,755	\$ 312,064
Total Sale of Electricity	\$ 55,295,001	\$ 53,876,919	\$ 55,262,799	\$ 54,190,531	\$ 54,782,363	\$ 591,832	\$ 905,444
OTHER OPERATING REVENUES							
Late Payment Penalties	\$ 79,709	62,647	75,559	\$ 90,000	90,000	\$ -	\$ 27,353
Miscellaneous Service Revenue	82,655	67,990	75,494	85,000	85,000	-	17,010
Customer Service Charges	2,340	2,420	2,570	3,500	3,500	-	1,080
CATV Pole Rental Revenue	55,741	55,757	55,886	56,000	56,000	-	243
Rent from TVC Rental Space	33,835	34,548	34,984	35,000	35,000	-	452
BL&P AMI System Rental	56,072	56,003	56,131	56,200	56,200	-	197
cash over/ short	(104)	(134)	(8)	0	0	-	134.12
Total Other Operating Revenues	\$ 310,248	\$ 279,230	\$ 300,617	\$ 325,700	\$ 325,700	\$ -	\$ 46,470

Revenue Assumptions:

Revenues are based on adjusted 12 mos ended January 31, 2019 with adjustments to residential for weather and normalization estimates for Industrial-Non-Manufacturing

- Include PPA of -\$0.0027 Effective 4/1/2018
- Include PPA of -\$0.0055 Effective 4/1/2019
- Include current TCA of \$0.003930
- Include \$0.0025 CLM.

GROTON UTILITIES
Electric Division 005 Budget Summary
OPERATING EARNINGS

	FY 2017 Actual	FY 2018 Actual	FY 2019 Projected	Approved FY 2019 Budget	Proposed FY 2020 Budget	Variance 2019 Budget vs. 2020 Budget	Variance 2018 Actual vs. 2020 Budget
REVENUE:							
TOTAL ELECTRIC REVENUE	\$ 49,162,518	\$ 47,194,650	\$ 48,442,402	\$ 47,580,953	\$ 47,788,030	\$ 207,077	0%
PASS THROUGH ENERGY	6,132,483	6,682,269	6,820,397	6,609,578	6,994,333	384,755	6%
OTHER ELECTRIC REVENUE	310,248	279,230	300,617	325,700	325,700	-	0%
TOTAL REVENUE	\$ 55,605,249	\$ 54,156,149	\$ 55,563,416	\$ 54,516,231	\$ 55,108,063	\$ 591,832	1%
EXPENSES:							
PURCHASED POWER	28,483,407	26,439,980	26,234,492	24,894,039	25,142,788	248,749	1%
PASS THROUGH COST	6,132,482	6,682,269	6,995,543	6,609,578	6,994,333	384,755	6%
TOTAL POWER COST	\$ 34,615,889	\$ 33,122,249	\$ 33,230,035	\$ 31,503,617	\$ 32,137,121	\$ 633,504	2%
OPERATION & MAINTENANCE EXPENSE							
Electric Operations 2000-2900	2,665,946	2,842,963	2,574,912	2,424,097	2,498,300	74,203	3%
Customer Care 4000 - 4900	735,808	794,802	790,872	657,600	612,315	(45,285)	-7%
Info & Tech 5000	395,611	453,700	471,270	503,300	517,800	14,500	3%
Administration 9000	459,547	513,910	531,673	583,000	489,805	(93,195)	-16%
Administrative & General 9900	-	-	-	-	-	-	-
Subtotal	\$ 4,256,913	\$ 4,605,375	\$ 4,368,726	\$ 4,167,997	\$ 4,118,220	\$ (49,777)	-1%
Other	1,313,156	1,381,218	1,425,824	1,727,678	1,836,400	108,722	6%
Other	352,950	229,964	378,361	567,450	682,385	114,935	20%
Conservation & Load Management 4900	915,777	925,859	941,363	917,228	940,088	22,860	2%
Info & Tech 5000	540,764	534,546	465,351	539,100	684,600	145,500	27%
Administration 9000	151,738	142,512	185,490	256,800	243,780	(13,020)	-5%
Administrative & General 9900	2,879,844	2,602,449	2,717,667	2,717,667	3,021,099	303,432	11%
Return to the City	3,540,141	4,071,162	4,071,140	4,071,140	4,071,140	-	0%
Subtotal	\$ 9,694,370	\$ 9,887,710	\$ 10,071,853	\$ 10,797,064	\$ 11,479,492	\$ 682,428	6%
Total Operating & Maintenance Expense	13,951,283	14,493,085	14,440,580	14,965,061	15,597,711	632,650	4%
DEPRECIATION	1,828,525	1,948,844	1,891,916	1,841,400	1,994,668	153,268	8%
TAXES							
Electric Operations 2000-2900	315,077	314,688	297,170	321,100	331,900	10,800	3%
Customer Care 4000 - 4900	47,592	54,772	58,026	61,700	59,600	(2,100)	-3%
Info & Tech 5000	29,103	33,542	35,339	38,500	39,600	1,100	3%
Administration 9000	29,169	33,454	36,511	44,200	37,100	(7,100)	-16%
Administrative & General 9900	-	-	-	-	-	-	-
Subtotal	\$ 420,941	\$ 436,456	\$ 427,045	\$ 465,500	\$ 468,200	\$ 2,700	1%
Gross Receipts Tax Est at 2.225% of total Electric Revenue	1,229,261	1,226,808	1,274,015	1,181,188	1,433,414	\$ 252,226	21%
Total Taxes	1,650,201	1,663,263	1,701,060	1,646,688	1,901,614	254,926	15%
TOTAL OPERATING EXPENSE	\$ 52,045,898	\$ 51,227,441	\$ 51,263,591	\$ 49,956,765	\$ 51,631,115	\$ 1,674,350	3%
OPERATING EARNINGS	\$ 3,559,351	\$ 2,928,708	\$ 4,299,825	\$ 4,559,466	\$ 3,476,948	\$ (1,082,518)	-24%
						\$ 548,240	19%

GROTON UTILITIES

Electric Division 005 Budget Interest & Other Charges

	FY 2017 Actual	FY 2018 Actual	FY 2019 Projected	Approved FY 2019 Budget	Proposed FY 2020 Budget	Variance 2019 Budget vs. 2020 Budget	Variance 2018 Actual vs. 2020 Budget
OPERATING EARNINGS	\$ 3,559,351	\$ 2,928,708	\$ 4,299,825	\$ 4,559,466	\$ 3,476,948	\$ (1,082,518)	\$ 548,240
						-24%	19%
INTEREST & OTHER CHARGES:							
Merchandising & Jobing Contract Expense	214,984	1,103,366	89,974	171,027	177,096	6,069	(926,270)
Bond Interest Expense GU	510,160	708,644	747,209	747,209	682,236	(64,973)	(26,407)
Bond Interest Expense TVC	760,976	700,803	661,753	661,753	601,014	(60,739)	(99,790)
Amort.Of Premium On Debt (Cr)	(220,605)	(170,406)	(69,996)	(10,769)	(129,222)	(118,453)	41,184
Interest Expense Other	14,217	14,474	14,808	15,000	15,000	-	526
						0%	4%
Subtotal Other Expense	\$ 1,279,732	\$ 2,356,882	\$ 1,443,748	\$ 1,584,220	\$ 1,346,124	\$ (238,096)	\$ (1,010,758)
						-15%	-43%
Merchandising & Jobing Contract Income	213,009	1,255,810	117,474	226,027	177,096	(48,931)	(1,078,714)
Interest Income	281,576	359,457	375,196	373,217	373,217	-	13,760
Misc. Non Operating Income TVC	218	157	55	-	-	-	(157)
Misc. Income	290,142	2,003,391	286,328	285,000	10,000	(275,000)	(1,993,391)
Gain/(loss) on Disposition of Property	(9,862)	11,052	3,494	-	-	-	(11,052)
						0%	-100%
Subtotal Other Income	\$ 775,083	\$ 3,629,866	\$ 782,546	\$ 884,243	\$ 560,313	\$ (323,931)	\$ (3,069,553)
						-37%	-85%
TOTAL INTEREST AND OTHER CHARGES	(504,648)	1,272,985	(661,203)	(699,977)	(785,811)	(85,835)	(2,058,797)
						12%	-162%
Sub Total Net Earnings	\$ 3,054,703	\$ 4,201,693	\$ 3,638,623	\$ 3,859,489	\$ 2,691,137	\$ (1,168,353)	\$ (1,510,557)
						-30%	-36%
Miscellaneous Income Deduction for TVC	2,733	3,962	1,907	-	-	-	(3,962)
						0%	-100%
NET EARNINGS	\$ 3,051,970	\$ 4,197,732	\$ 3,636,715	\$ 3,859,489	\$ 2,691,137	\$ (1,168,353)	\$ (1,506,595)
						-30%	-36%

GROTON UTILITIES
Electric Division
PROJECTED CASH FLOW
BASED ON PROPOSED BUDGET

	FY 2017 Actual	FY 2018 Actual	FY 2019 Projected	Approved FY 2019 Budget	Proposed FY 2020 Budget
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NET EARNINGS	\$ 3,051,970	\$ 4,197,732	\$ 3,636,715	\$ 3,859,489	\$ 2,691,137
PLUS:					
DEPRECIATION	1,828,525	1,948,844	1,891,916	1,841,400	1,994,668
Commission received from Energy upgrade projects	1,117,767				
RECEIPT from Bond Funds	1,468,319		665,426	3,683,284	-
RECEIPT from Vehicle Replacement Reserve	330,502	100,000	250,000	250,000	100,000
RECEIPT from Issuaring New Bonds	2,343,220				
TOTAL FUNDS GENERATED	\$ 7,797,083	\$ 8,589,795	\$ 6,444,057	\$ 9,634,173	\$ 4,785,805

LESS:

Operations NONBONDED CAPITAL:					
Projects	1,176,788	1,154,157	1,353,848	1,353,848	1,768,437
Vehicles	346,303	100,013	250,000	250,000	400,000
Operations BOND FUNDED CAPITAL Projects	1,468,319	470,407	665,426	3,484,508	3,266,173
Amortization/Deferral of Commissions Received in 2016			279,438	279,438	-
BOND PRINCIPAL REQUIREMENTS GU Electric	1,355,000	1,285,000	1,749,000	1,749,000	1,732,000
BOND PRINCIPAL REQUIREMENTS TVC	1,695,000	1,725,000	1,720,000	1,720,000	1,740,000
Restrict Cash for New Software					
WORKING CAPITAL	(516,664)	(313,562)	50,000	50,000	50,000
CASH RESERVE FOR VEHICLE REPLACEMENTS	100,000	100,000	100,000	100,000	100,000
ROAD AND PARKING LOT MAINT. EXPENSE RESERVE	12,000	-	-	-	-
IT Non Bonded Capital Projects Electric Division Allocation	104,047	117,424	276,000	276,000	392,400
CC Non Bonded Capital Projects Approved	821	-	-	94,400	90,000
Furniture For Relocations				75,000	75,000

TOTAL FUNDS REQUIRED \$ 5,741,614 \$ 4,638,439 \$ 6,443,712 \$ 9,432,194 \$ 9,614,010

NET INCREASE (DECREASE) IN CASH FROM OPERATIONS \$ 2,055,469 \$ 3,951,356 \$ 345 \$ 201,979 (4,828,205)

Plus Total Beginning Cash Balance	13,421,724	15,477,193	19,428,549	17,601,721	19,428,894
Total Ending Cash Balance	15,477,193	19,428,549	19,428,894	17,803,700	14,600,690

Less Funds Received for LED Conversion				(856,000)	-
Less Electric Restricted Fund	(1,127,908)	(1,428,513)	(1,227,908)	(1,127,908)	(1,227,908)

NET UNRESTRICTED CASH \$ 14,349,285 \$ 18,000,036 \$ 18,200,987 \$ 15,819,792 \$ 13,372,782

GROTON UTILITIES

ELECTRIC DIVISION

2019/2020 BUDGET

PROFORMA ANALYSIS

1 GROTON UTILITIES - ELECTRIC DIVISION

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PROFORMA INCOME STATEMENT

	FY 2017 Actual	FY 2018 Actual	FY 2019 Projected	Approved FY 2019 Budget	Proposed FY 2020 Budget
11					
12 REVENUE:					
13 Residential	\$ 15,911,665	\$ 15,754,422	\$ 16,353,994	\$ 15,670,103	\$ 16,213,790
14 Commercial	14,803,729	14,093,420	14,479,953	14,322,920	14,247,674
15 Commercial - Flat Rate	88,552	89,140	92,366	89,724	89,742
16 Industrial - Non Manufacturing	10,205,933	9,030,680	9,230,725	9,343,766	8,897,400
17 Industrial - Manufacturing	6,809,347	6,896,151	6,904,033	6,828,802	6,930,091
18 Street and Area Lighting	545,015	542,376	544,941	536,804	554,101
19 Sales for Resale	798,277	788,460	836,390	788,834	855,232
20					
22 TOTAL ELECTRIC REVENUE	\$ 49,162,518	\$ 47,194,650	\$ 48,442,402	\$ 47,580,953	\$ 47,788,030
23					
24 Industrial Pass Through Energy	6,132,483	6,682,269	6,820,397	6,609,578	6,994,333
25					
26 OTHER ELECTRIC REVENUE	310,248	279,230	300,617	325,700	325,700
27					
28 TOTAL REVENUE	\$ 55,605,249	\$ 54,156,149	\$ 55,563,416	\$ 54,516,231	\$ 55,108,063
29					
30 EXPENSES:					
31 Purchased Power	28,483,407	26,439,980	26,234,492	24,894,039	25,142,788
32 Industrial Pass Through Power Cost	6,132,482	6,682,269	6,995,543	6,609,578	6,994,333
33 Operation Expense	9,335,253	9,341,375	9,283,012	9,701,693	10,311,483
34 Return to the City	3,540,141	4,071,162	4,071,140	4,071,140	4,071,140
35 Conservation & Load Management Charge	811,584	811,584	813,857	917,228	940,088
36 Less City Electric Service	264,305	268,964	272,571	275,000	275,000
37 Depreciation	1,828,525	1,948,844	1,891,916	1,841,400	1,994,668
38					
39 Taxes	1,650,201	1,663,263	1,701,060	1,646,688	1,901,614
40					
41 TOTAL OPERATING EXPENSE	\$ 52,045,899	\$ 51,227,442	\$ 51,263,592	\$ 49,956,766	\$ 51,631,115
42					
43 OPERATING EARNINGS	\$ 3,559,350	\$ 2,928,707	\$ 4,299,824	\$ 4,559,465	\$ 3,476,948
44					
45 INTEREST & OTHER CHARGES:					
46 Plus Other Income & Deductions net	557,366	2,522,538	690,665	713,216	383,217
47					
48 Less Interest on Long Term Debt	1,050,531	1,239,041	1,338,966	1,398,193	1,154,028
49					
50 Less Other Interest	14,217	14,474	14,808	15,000	15,000
51					
52 TOTAL INTEREST AND OTHER CHARGES	\$ 507,382	\$ (1,269,023)	\$ 663,110	\$ 699,977	\$ 785,811
53					
54 NET EARNINGS	\$ 3,051,968	\$ 4,197,730	\$ 3,636,714	\$ 3,859,489	\$ 2,691,137
55					
60					
61 NET EARNINGS	\$ 3,051,968	\$ 4,197,730	\$ 3,636,714	\$ 3,859,489	\$ 2,691,137
62					
63 PLUS:					
64 DEPRECIATION	1,828,525	1,948,844	1,891,916	1,841,400	1,994,668
65					
66 Commission Received from Energy Upgrade Project	1,117,767	-	-	-	-
67 RECEIPT from Vehicle Replacement Reserve	330,502	100,000	250,000	250,000	100,000
68 RECEIPT from Bond Funds	1,468,319	-	665,426	3,683,284	-
69					
70 TOTAL FUNDS GENERATED	\$ 7,797,081	\$ 6,246,574	\$ 6,444,056	\$ 9,634,173	\$ 4,785,805
71					
72 LESS:					
73 NONBONDED CAPITAL PROJECTS	1,176,788	1,154,157	1,353,848	1,353,848	1,768,437
74 Operations Bond funded Capital Projects	1,468,319	470,407	665,426	3,484,508	3,266,173
75 Vehicle Replacements	346,303	100,013	250,000	400,000	400,000
76 Amortization/Deferral of Commissions Received in 2016	-	-	279,438	279,438	-
77 BOND PRINCIPAL REQUIREMENTS	1,355,000	1,285,000	1,749,000	1,749,000	1,732,000
78 Restrict Cash for New Software	-	-	-	-	-
79 Bond Principal Requirements TVC	1,695,000	1,725,000	1,720,000	1,720,000	1,740,000
80 WORKING CAPITAL	(516,664)	(313,562)	50,000	50,000	50,000
81 CAPITAL RESERVE FOR VEHICLE REPLACEMENTS	100,000	100,000	100,000	100,000	100,000
82 ROAD & PARKING LOT MAINT RESERVE	12,000	-	-	-	-
83 IT Projects	104,047	117,424	276,000	276,000	392,400
84 CC Software Replacement funded with restricted fund	-	-	-	-	-
85 CC Non Bonded Capitol Projects	821	-	-	94,400	90,000
86 Furniture for Relocation	-	-	-	75,000	75,000
87					
88 TOTAL FUNDS REQUIRED	\$ 5,741,614	\$ 4,638,439	\$ 6,443,712	\$ 9,582,194	\$ 9,614,010
89					
90 NET INCREASE (DECREASE) IN CASH FROM OPERATIONS	\$ 2,055,467	\$ 1,608,135	\$ 344	\$ 51,979	\$ (4,828,205)
91					
92 Plus Total Beginning Cash Balance	13,421,724	15,477,193	19,428,549	17,601,721	19,428,894
93 Total Ending Cash Balance	\$ 15,477,193	\$ 19,428,549	\$ 19,428,894	\$ 17,803,700	\$ 14,600,690
94					
95 Less Funds Received for LED Conversion	-	-	-	(856,000)	-
96 Less Electric Restricted Fund	(1,127,908)	(1,428,513)	(1,227,908)	(1,127,908)	(1,227,908)
97					
98 NET UNRESTRICTED CASH	\$ 14,349,285	\$ 18,000,036	\$ 18,200,987	\$ 15,819,792	\$ 13,372,782

GROTON UTILITIES
ELECTRIC DIVISION

2019/2020 BUDGET

CAPITAL PROJECTS

COST ESTIMATE SUMMARY
BUDGET - FISCAL YEAR 2019/2020

NON-BONDED CAPITAL PROJECTS						
Project #	PROJECT	GL Act #	LABOR COSTS	MATERIAL COSTS	TOTAL COSTS	NOTES
#1	Mass Assets - Various OH Distribution Projects	365	\$ 155,879	\$ 104,577	\$ 260,456	Install OH distribution conductors for new services and pole line extensions.
#2	Mass Assets - Various UG Distribution Projects	366	\$ 9,488	\$ 16,196	\$ 25,684	Install underground conductors for new services and UG distribution extensions.
#3	Mass Assets - Various OH Services	369	\$ 19,767	\$ 13,181	\$ 32,948	Install OH service conductors to new buildings.
#4	Mass Assets - Various UG Services	369	\$ 23,720	\$ 9,520	\$ 33,240	Install UG service conductors to new buildings.
#5	Mass Assets - OH Streetlights	373	\$ 9,290	\$ 16,175	\$ 25,465	Install new OH streetlight fixtures as needed.
#6	Mass Assets - UG Streetlights	373	\$ 11,220	\$ 19,304	\$ 30,524	Install new UG development streetlight fixtures as needed.
#7	Mass Assets - Transformers	368	\$ 63,255	\$ 81,682	\$ 144,937	Install transformers for new services.
	Mass Asset Total		\$ 292,619	\$ 260,635	\$ 553,254	
#8	50% Operation Center Roof Replacement		\$	\$ 15,000	\$ 15,000	Carry over from FY2019
#9	50% Operation Center Roof Replacement		\$	\$ 22,500	\$ 22,500	New for FY2020
#10	Commercial/Industrial Meters (Possible Bond Fund Item)	370	\$ 58,405	\$ 41,789	\$ 100,194	400 (16S) 3 Phase Industrial/Commercial AMI Meters for AMI Completion. Work Order to be created for testing programming and purchase of the meters. Estimate \$350-\$400 per meter, 6 hours to program, test and install AMI three phase meter.
#11	Wyman Gordon SS - Metering Upgrade	362	\$ 26,883	\$ 70,453	\$ 97,336	The project includes replacing the existing disconnect switches, insulators that are chipped or broken and replacing potential and current transformers.
#12	Midway SS - Upgrade	362	\$ 30,121	\$ 60,587	\$ 90,708	Replace existing switchgear with new pad mount switchgear - re-route cables
#13	Fiber Installation - Buddington SS -PTF	362	\$ 95,937	\$ 205,913	\$ 301,850	An ISO New England Project - connect all transmission line relays with fiber optic cable for faster response times and better coordination among protective devices.
#14	IED Replacements - Various SS	362	\$ 18,186	\$ 28,764	\$ 46,950	Replace non working intelligent electronic devices (IEDs) at various substation locations
#15	EP SS - Transfer Trip Upgrade	362	\$ 9,940	\$ 29,660	\$ 39,600	Rebuild transfer trip scheme at Eastern Point SS - the present scheme does not work due to aging equipment.
#16	SCADA Integration For Field Devices	365	\$ 8,979	\$ 40,814	\$ 49,793	Integration services from ACS - Advanced Control Systems and/or integrator for additional wiring and programming of Capacitor Bank Controllers, Recloser controllers and the SCADA front end software.
#17	SCADA - Prism Software Hardware (cost share with GU)	365	\$ 8,377	\$ 66,870	\$ 75,247	Normal upgrade of SCADA system. This item is being driven by operating system obsolesces and vendor version upgrade, includes hardware and software upgrades. Project DSOV discovery scope of work kick off March 1st with Advanced Control Systems - Norcross, GA.
#18	SCADA - Separate Transmission Status and Telemetry from Distribution at Buddington Substation - NERC Compliance	356	\$ 9,824	\$ 16,121	\$ 25,945	Costs to separate the Status and Telemetry required by CONVEXISO from the Buddington Distribution SCADA telemetry and status. This will help with NERC Compliance should Buddington SS 16L ever become a Medium Impact Cyber Asset like Stockhouse Road is currently.
#19	WECO AMI Meter Farm	370	\$ 8,400	\$ 30,000	\$ 38,400	Install multiple meter sockets in safe environment to reduce exposure to EMF
#20	Tools and Equipment	394	\$	\$ 55,029	\$ 55,029	Purchase new battery operated tools, hydraulic jack hammer, hot line tools, Hilti Hammer drill, various volt, amp or neutral meters, sump pump and stripping tool. Please see list. Harnesses, rigging straps, chains, chainsaws, pliers, screwdrivers, socket sets etc.
#21	GIS-UTG Software Costs	365	\$	\$ 10,000	\$ 10,000	Additional Licenses
#22	Capacitor Controllers/Switches	365	\$ 15,023	\$ 28,409	\$ 43,432	Replace aging capacitor switches and controllers for the 35kV and 15 kV distribution circuits
#23	Substation Replacement Equipment	362	\$ 23,721	\$ 23,897	\$ 47,618	Upgrade of SCADA system network connectivity. This includes relocation of main fiber equipment to a more secure location at the municipal building.
#24	SCADA - Network Hardware Replacement	365	\$	\$ 75,000	\$ 75,000	Buddington (2), Trails (2), Poquonnock (2), Shennecossett (1), Eastern Point Road (1), US SubBase (1), Pleasant Valley (1), (total 10 for Groton), this is a ballpark estimate based on previously used ACS RTU products, services would be ACS engineering, equipment would be actual ACS RTU hardware. (Estimate 1 week installation for each RTU)
#25	SCADA - Replace RTU's - Groton	365	\$ 7,446	\$ 72,935	\$ 80,381	
	Total Non-Bonded Projects		\$ 613,861	\$ 1,154,576	\$ 1,768,437	

CAPITAL BUDGET- FY 2019/2020	
ELECTRIC DIVISION	
IT Department	
Proposed Non-Bonded Capital Projects	2019-2020 Proposed
New host servers	\$ 68,000
New storage array	206,000
Network Security Enhancement	65,000
CARRY OVER FROM PRIOR :	
Replace HVAC in Ops Data Center	40,000
Dedicated HVAC for IT Bullpen	35,000
GCPD Data Center	100,000
Doc Mgmt System Phase 2	75,000
Renovations to Office Space	65,000
TOTAL	\$ 654,000
Electric Allocation	392,400
Water Allocation	196,200
Sewer Allocation	65,400
Customer Care Department	
Re-design CC office -Carry over from 2018-2019 Budget	\$ 117,000
Carpeting	15,000
Asbestos Removal	18,000
Total	\$ 150,000
Electric Allocation	90,000
Water Allocation	45,000
Sewer Allocation	15,000

GROTON UTILITIES

ELECTRIC DIVISION

2019/2020 BUDGET

COST CENTER DETAIL

Electric Expense 2019/2020 Budget

Account Number	Description	FY 2017 Actual	FY 2018 Actual	FY 2019 Projected	Approved FY 2019 Budget	Proposed FY 2020 Budget
Fund 005	Electric Department					
EXPENSE						
005-0000-408-20-1	Taxes Payroll					
005-0000-926-30-1	Sick Leave					
Dept 2000	Electric Division Admin					
005-2000-408-20-1	Taxes Payroll	315,077	314,688	297,170	321,100	331,900
005-2000-560-00-1	Supervision & Engineering - La	5,977	15,998	22,745	21,507	21,500
005-2000-920-00-1	Management Salaries	441,158	434,006	448,668	520,398	478,300
005-2000-920-01-1	Ops Management Overhead Credit	(175,356)	(186,915)	(178,627)	(197,238)	(199,946)
005-2000-920-70-1	Ops Management Job Training	-	1,212	-	-	-
005-2000-925-10-1	Injuries & Damages - Labor	-	-	-	-	-
005-2000-925-80-1	Safety & Accident Prevention	768	122	1,018	1,757	1,900
005-2000-926-10-1	Vacation & Holiday	(17,430)	58,190	-	-	-
005-2000-926-30-1	Sick Leave	-	-	-	-	-
005-2000-926-50-1	Casual	-	-	-	-	-
005-2000-926-70-1	Education Benefit - Labor	-	-	-	-	-
005-2000-926-80-1	Jury Duty	-	-	-	-	-
005-2000-926-90-1	Union Leave - Negotiations	-	-	-	-	-
005-2000-930-90-1	Miscellaneous	-	-	-	-	-
005-2000-932-10-1	Municipal Building - Labor	-	-	-	-	-
005-2000-932-20-1	Municipal Bldg Generator - Lab	-	210	-	-	-
005-2000-932-30-1	General Property - Labor	-	-	-	-	-
005-2000-932-80-1	Maint Of Oper Bld Labor	1,678	127	473	-	-
005-2000-933-00-1	Transportation Labor	-	1,299	-	-	-
	Dept 2000 Labor	\$ 571,871	\$ 638,936	\$ 591,448	\$ 667,524	\$ 633,654
005-2000-583-10-2	Overhead Line Expense - Other	(103)	-	-	-	-
005-2000-592-20-2	Maintenance Of Substation PCB	-	-	-	-	-
005-2000-912-80-2	Demonstrating & Selling Expens	-	-	-	-	-
005-2000-920-00-2	Management Salaries - Intern	-	-	-	-	-
005-2000-920-70-2	Admin Job Training	10,897	1,249	15,937	23,050	18,200
005-2000-921-10-2	Office Supplies - Other	54,348	43,701	40,028	48,913	50,600
005-2000-921-50-2	Telephone	30,517	41,104	32,061	38,216	38,300
005-2000-923-10-2	Professional Services - Specia	-	-	-	-	-
005-2000-923-20-2	Operations - Legal	-	-	-	-	-
005-2000-925-10-2	Safety Incentive Program	-	4,609	5,893	7,311	7,300
005-2000-925-70-2	Safety Clothing & Gear - Other	7,039	8,899	6,383	8,400	10,000
005-2000-925-80-2	Safety - Other	62,907	59,573	53,021	62,499	68,300
005-2000-926-70-2	Education Benefit - Other	-	-	1,000	2,000	2,000
005-2000-930-30-2	Misc.Conf.& Meetings	-	-	-	-	-
005-2000-930-90-2	Miscellaneous - Other	3,315	(921)	725	1,450	2,000
005-2000-932-10-2	Municipal Building - Other	-	-	-	-	-
005-2000-932-20-2	Municipal Bldg Generator - Oth	69	-	-	-	-
005-2000-932-30-2	General Property - Other	7,785	4,859	3,795	6,325	6,300
005-2000-932-40-2	Communication Equipment - Othe	-	-	-	-	-
005-2000-932-50-2	Office Furn & Equipment	-	-	-	-	-

Account Number	Description	FY 2017 Actual	FY 2018 Actual	FY 2019 Projected	Approved FY 2019 Budget	Proposed FY 2020 Budget
005-2000-932-60-2	Mtce. of Radio Equip	-	-	-	-	-
005-2000-932-80-2	Maint Of Oper Bldg - Other	19,992	34,295	36,250	43,521	44,400
005-2000-933-00-2	Transportation - Other	55,422	62,366	54,826	45,216	47,100
	Dept 2000 Other	\$ 252,187	\$ 259,733	\$ 249,922	\$ 286,901	\$ 294,500
Dept 2100	Electric Division Proj Mgmt					
005-2100-408-20-1	Taxes Payroll	-	-	-	-	-
005-2100-560-00-1	Supervision & Engineering - La	578	278	-	-	-
005-2100-580-01-1	PM Overhead Credit	(121,837)	(134,547)	(132,766)	(147,487)	(170,954)
005-2100-580-10-1	Supervision & Engineering - La	516,581	569,321	664,052	708,714	719,400
005-2100-580-70-1	PM Job Training	2,325	1,392	2,792	5,584	5,800
005-2100-582-10-1	Station Expense - Labor	-	-	-	-	-
005-2100-588-00-1	Maps & Records - Labor	1,609	92	35,305	49,919	47,600
005-2100-590-00-1	Supervision & Engineering - La	-	-	-	-	-
005-2100-593-20-1	Overhead Conductors & Devices	-	170	-	-	-
005-2100-902-00-1	Meter Reading - Labor	-	-	-	-	-
005-2100-925-10-1	Injuries & Damages - Labor	-	-	-	-	-
005-2100-925-80-1	Safety & Accident Prevention	404	97	495	-	-
005-2100-926-10-1	Vacation & Holiday	-	-	-	-	-
005-2100-926-30-1	Sick Leave	-	-	-	-	-
005-2100-926-50-1	Casual	-	-	-	-	-
005-2100-926-70-1	Education Benefit - Labor	88	246	-	-	-
005-2100-926-80-1	Jury Duty	-	-	-	-	-
005-2100-930-90-1	Miscellaneous	-	-	-	-	-
	Dept 2100 Labor	\$ 399,748	\$ 437,048	\$ 569,878	\$ 616,730	\$ 601,846
005-2100-560-00-2	Supervision & Engineering - Ot	-	-	-	-	-
005-2100-580-10-2	Supervision & Engineering - Ot	20,445	238	10,599	20,718	40,100
005-2100-580-70-2	PM Job Training	7,975	8,878	21,911	30,645	26,600
005-2100-588-00-2	Maps & Records - Other	102,152	146,117	133,745	213,565	194,900
005-2100-590-00-2	Supervision & Engineering - Ot	-	-	-	-	-
005-2100-902-00-2	Meter Reading - Other	-	-	-	-	-
005-2100-921-10-2	Office Supplies - (Dept Copier Lease and paper)	6,797	8,651	5,598	5,850	5,900
005-2100-921-50-2	Telephone	-	-	-	-	-
005-2100-925-10-2	Safety Incentive Program	-	-	-	-	-
005-2100-925-70-2	Safety Clothing & Gear - Other	3,059	2,584	1,866	2,400	5,100
005-2100-925-80-2	Safety - Other	-	-	-	-	-
005-2100-926-70-2	Education Benefit - Other	(486)	1,149	1,695	-	-
005-2100-932-50-2	Office Furniture & Equip	-	-	-	-	-
005-2100-933-00-2	Transportation - Other	1,085	2,254	1,539	1,250	1,400
	Dept 2100 Other	\$ 141,027	\$ 169,871	\$ 176,952	\$ 274,428	\$ 274,000
Dept 2400	Electric Division Line Crew					
005-2400-408-20-1	Taxes Payroll	-	-	16	-	-
005-2400-560-00-1	Supervision & Engineering - La	-	-	-	-	-
005-2400-563-10-1	Overhead Line Expense - Labor	-	165	-	-	-
005-2400-570-10-1	Station Equipment - Labor	903	1,018	345	-	-
005-2400-571-10-1	Overhead Lines, Poles - Labor	1,348	471	-	-	-
005-2400-571-20-1	Overhead Lines & Poles - Labor	-	967	1,555	2,879	3,100
005-2400-571-30-1	Overhead Conductors & Devices	2,883	1,458	3,682	-	-

Account Number	Description	FY 2017 Actual	FY 2018 Actual	FY 2019 Projected	Approved FY 2019 Budget	Proposed FY 2020 Budget
005-2400-572-10-1	Underground Conductors & Devic	-	-	-	-	-
005-2400-580-10-1	Supervision & Engineering - La	80,318	-	-	-	-
005-2400-583-10-1	Overhead Line Expense - Labor	68,099	49,518	79,002	102,118	132,600
005-2400-583-20-1	R & R Line Transformers - Labo	-	-	7,271	-	-
005-2400-583-30-1	Overhead Line Call Time - Labo	-	131	-	-	-
005-2400-584-00-1	Underground Line Expense - Lab	568	82	-	-	-
005-2400-585-10-1	Street Light Equipment - Labor	66,732	49,053	36,395	35,545	37,400
005-2400-585-20-1	Fire Alarm System - Labor	222	-	-	-	-
005-2400-585-30-1	Traffic Signal - Labor	81	-	-	-	-
005-2400-585-40-1	Holiday Lighting - Labor	3,218	5,707	4,988	3,446	3,600
005-2400-590-00-1	Supervision & Engineering - La	79,535	-	-	-	-
005-2400-592-00-1	Station Equipment - Labor	1,189	5,359	1,150	-	-
005-2400-593-00-1	Maint.Of Line Expense Reserve	-	239	221	-	-
005-2400-593-10-1	Overhead Lines & Poles - Labor	425,475	430,094	381,916	334,088	372,400
005-2400-593-20-1	Overhead Conductors & Devices	120,437	377,248	168,661	91,228	140,700
005-2400-593-30-1	Services - Labor	54,621	73,401	86,235	47,440	66,700
005-2400-593-70-1	Line Crew Job Training	31,804	8,226	24,154	14,243	15,000
005-2400-594-00-1	Underground Lines - Labor	1,911	1,412	4,343	-	-
005-2400-595-10-1	Line Transformers - Labor	1,258	765	2,235	3,092	3,300
005-2400-595-20-1	PCB Removal - Labor	-	127	-	-	-
005-2400-596-10-1	Street Light System - Labor	2,002	54,557	12,537	-	-
005-2400-596-20-1	Fire Alarm System - Labor	14,030	5,802	4,119	8,567	2,500
005-2400-596-30-1	Traffic Lights - Labor	4,011	3,524	3,007	3,446	3,600
005-2400-925-10-1	Injuries & Damages - Labor	-	-	-	-	-
005-2400-925-80-1	Safety & Accident Prevention	29,661	20,517	19,552	27,917	29,200
005-2400-926-10-1	Vacation & Holiday	-	-	256	-	-
005-2400-926-30-1	Sick Leave	-	-	-	-	-
005-2400-926-50-1	Casual	-	-	-	-	-
005-2400-926-70-1	Education Benefit - Labor	1,774	8,029	-	-	-
005-2400-926-90-1	Union Leave - Negotiations	2,135	127	354	-	-
005-2400-930-90-1	Miscellaneous - Labor	-	-	-	-	-
005-2400-932-10-1	Municipal Bldg - Labor	-	-	-	-	-
005-2400-932-30-1	General Property - Labor	339	89	-	-	-
005-2400-933-00-1	Transportation - Labor	65,236	65,912	54,459	29,316	30,700
	Dept 2400 Labor	\$ 1,059,789	\$ 1,163,998	\$ 896,452	\$ 703,325	\$ 840,800
005-2400-571-20-2	IOverhead Lines & Poles Other	-	-	-	-	-
005-2400-571-30-2	Overhead Conductors & Devices	34,490	3,117	6,868	13,700	-
005-2400-572-10-2	Underground Conductors & Devic	125	37	-	-	-
005-2400-583-10-2	Overhead Line Exp Other (Rent to Water Dept \$50k, and misc tools)	39,743	31,791	24,707	33,310	23,800
005-2400-583-20-2	R & R Line Transformers - Othe	2,822	-	-	-	-
005-2400-583-30-2	Overhead Lines Call Time Other (After Hours Answering Service)	12,368	13,679	-	-	-
005-2400-584-00-2	Underground Line Expense - Oth	1,282	744	1,005	1,080	1,200
005-2400-585-10-2	Street Light Equipment - Other	1,883	585	1,230	-	-
005-2400-585-20-2	Fire Alarm System - Other	-	-	-	-	-
005-2400-585-30-2	Traffic Signals - Other	-	-	-	-	-
005-2400-585-40-2	Holiday Lighting - Other	-	-	-	-	-
005-2400-593-10-2	Overhead Lines & Poles - Other	(19,712)	31,524	24,642	28,140	27,200
005-2400-593-20-2	Overhead Conductors & Devices (Tree Trimming and Flaggers)	368,875	446,046	462,328	505,370	539,400

Account Number	Description	FY 2017 Actual	FY 2018 Actual	FY 2019 Projected	Approved FY 2019 Budget	Proposed FY 2020 Budget
005-2400-593-30-2	Services - Other	2,220	(483)	2,078	-	-
005-2400-593-70-2	Line Crew Job Training	28,307	15,813	14,724	22,000	18,400
005-2400-594-00-2	Underground Lines - Other	-	93	-	-	-
005-2400-595-10-2	Line Transformers - Other	843	1,745	873	1,745	2,000
005-2400-595-20-2	PCB Removal - Other	320	-	649	1,298	1,300
005-2400-596-10-2	Street Light System - Other	25,345	42,428	18,405	19,572	19,700
005-2400-596-20-2	Fire Alarm System - Other	124	1,506	1,275	2,550	700
005-2400-596-30-2	Traffic Light System - Other	-	-	655	-	-
005-2400-921-10-2	Office Supplies - Other	-	118	-	-	-
005-2400-921-50-2	Telephone	-	-	-	-	-
005-2400-925-10-2	Safety Incentive Program	-	-	-	-	-
005-2400-925-70-2	Safety Clothing & Gear - Other	33,121	44,212	34,862	35,575	50,900
005-2400-925-80-2	Safety - Other	936	304	1,093	-	-
005-2400-926-70-2	Education Benefit - Other	-	-	152	-	-
005-2400-933-00-2	Transportation - Other	74,969	82,901	68,655	65,200	65,500
	Dept 2400 Other	\$ 608,062	\$ 716,161	\$ 664,200	\$ 729,540	\$ 750,100
Dept 2600	Electric Division Substation					
005-2600-408-20-1	Taxes Payroll	-	-	-	-	-
005-2600-560-00-1	Supervision & Engineering - La	-	-	-	-	-
005-2600-562-10-1	Station Expense - Labor	4,424	4,024	14,118	21,498	16,000
005-2600-569-10-1	Structures & Improvements - La	-	-	-	-	-
005-2600-570-10-1	Station Equipment - Labor	42,541	35,068	34,852	37,585	36,200
005-2600-572-10-1	Underground Conductors & Devis	-	-	-	-	-
005-2600-580-10-1	Supervision & Engineering - La	21,607	-	-	-	-
005-2600-582-10-1	Station Expense - Labor	3,940	3,300	20,977	33,634	6,400
005-2600-582-70-1	Substation Job Training	14,620	10,840	13,762	17,846	16,600
005-2600-583-30-1	Call Time	-	-	-	-	-
005-2600-584-00-1	Underground Line Expense - Lab	-	-	4,359	8,717	9,000
005-2600-585-20-1	Fire Alarm Equip - Labor	-	-	-	-	-
005-2600-585-30-1	Traffic Signal - Labor	-	-	-	-	-
005-2600-585-40-1	Holiday Lighting - Labor	-	-	-	-	-
005-2600-586-20-1	R & R Meters Labor	-	-	-	-	-
005-2600-586-30-1	Seal & Unseal Meters - Labor	490	-	-	-	-
005-2600-587-00-1	Customer Installation - Labor	70,097	55,700	45,008	59,912	42,700
005-2600-590-00-1	Supervision & Engineering - La	21,607	-	-	-	-
005-2600-591-00-1	Maint. - Structure & Improveme	-	991	-	-	-
005-2600-592-00-1	Station Equipment - Labor	428,120	525,905	416,440	340,363	392,600
005-2600-593-10-1	Overhead Lines & Poles - Labor	(7,533)	-	-	-	-
005-2600-593-20-1	Overhead Conductors & Devices	18,760	16,417	21,233	-	-
005-2600-593-30-1	Services - Labor	519	658	987	-	-
005-2600-594-00-1	Underground Lines - Labor	3,147	1,712	4,626	8,066	8,300
005-2600-596-20-1	Fire Alarm System - Labor	5,786	3,441	3,170	4,424	2,000
005-2600-596-30-1	Traffic Lights - Labor	6,607	6,619	6,565	5,558	3,800
005-2600-925-10-1	Injuries & Damages - Labor	-	-	-	-	-
005-2600-925-70-1	Safety Clothing & Gear - Labor	-	-	-	-	-
005-2600-925-80-1	Safety & Accident Prevention	21,689	11,816	15,708	17,649	17,000
005-2600-926-10-1	Vacation & Holiday	-	-	89	-	-
005-2600-926-30-1	Sick Leave	-	-	-	-	-
005-2600-926-50-1	Casual	-	-	-	-	-
005-2600-926-70-1	Education Benefit - Labor	296	174	-	-	-
005-2600-926-80-1	Jury Duty	-	-	-	-	-

Account Number	Description	FY 2017 Actual	FY 2018 Actual	FY 2019 Projected	Approved FY 2019 Budget	Proposed FY 2020 Budget
005-2600-926-90-1	Union Leave - Negotiations	6,314	1,290	1,970	-	-
005-2600-930-90-1	Miscellaneous - Labor	-	-	-	-	-
005-2600-932-10-1	Municipal Building - Labor	447	1,127	1,228	2,455	1,900
005-2600-932-20-1	Municipal Bldg Generator - Lab	1,991	6,087	5,264	3,970	2,700
005-2600-932-30-1	General Property - Labor	454	69	-	-	-
005-2600-932-40-1	Communication Eq. - Labor	-	-	-	-	-
005-2600-932-80-1	Maint.Of Gen'L Plant-Oper.Bldg	14,904	13,042	9,822	6,805	4,700
005-2600-933-00-1	Transportation - Labor	32,968	24,527	18,801	14,090	13,900
	Dept 2600 Labor	\$ 713,797	\$ 722,808	\$ 638,975	\$ 582,572	\$ 573,800
005-2600-562-10-2	Station Expense - Other (50% Animal control 50% NU meter testing)	70,106	37,955	32,258	46,763	122,400
005-2600-569-10-2	Structures & Improvements - Ot	-	-	-	-	-
005-2600-570-10-2	Maint. Station Equipment - Other (Testing)	18,406	13,867	49,696	60,128	63,600
005-2600-572-10-2	Underground Conductors & Devic	-	-	-	-	-
005-2600-582-10-2	Station Expense - Other (SCADA etc.)	28,962	42,324	72,732	123,172	121,100
005-2600-582-70-2	Substation Job Training	11,310	14,453	21,218	36,515	24,900
005-2600-590-10-2	Dist.Maint.Supervision & Eng.	-	42	-	-	-
005-2600-592-00-2	Station Equipment - Other (Switch gear maint and Testing)	128,805	77,996	93,314	100,805	109,900
005-2600-592-10-2	SCADA System Maintenance Of	357	38	191	-	-
005-2600-592-20-2	PCB Removal - Other	-	-	-	-	-
005-2600-594-00-2	Underground Lines - Other	2,668	615	10,599	15,060	19,100
005-2600-595-20-2	PCB Disposal Other	-	-	-	-	-
005-2600-596-20-2	Fire Alarm System - Other	-	-	-	-	-
005-2600-596-30-2	Traffic Light System - Other	1,152	3,671	574	780	900
005-2600-902-00-2	Meter Reading - Other	40	-	-	-	-
005-2600-921-10-2	Office Expense	-	-	60	-	-
005-2600-921-50-2	Telephone	-	-	1,877	3,753	3,800
005-2600-925-10-2	Safety Incentive Program	-	-	-	-	-
005-2600-925-70-2	Safety Clothing & Gear - Other	8,463	4,718	4,636	4,200	4,200
005-2600-925-80-2	Safety - Other	-	713	315	-	-
005-2600-926-70-2	Education Benefit -Other	-	-	-	-	-
005-2600-932-10-2	Municipal Building - Other	-	-	-	-	-
005-2600-932-20-2	Municipal Bldg Generator - Oth	2,057	9,135	4,837	5,164	5,200
005-2600-933-00-2	Transportation - Other	11,993	12,708	9,330	11,500	12,500
	Dept 2600 Other	\$ 284,318	\$ 218,235	\$ 301,635	\$ 407,840	\$ 487,600
Dept 2800	Electric Division Meter & Test					
005-2800-408-20-1	Taxes Payroll	-	-	-	-	-
005-2800-562-10-1	Station Expense - Labor	-	-	-	-	-
005-2800-586-10-1	Electric Meter Test - Labor	104,244	89,192	75,825	84,228	66,500
005-2800-586-20-1	R & R Meters - Labor	-	-	1,681	-	-
005-2800-586-30-1	Seal & Unseal Meters - Labor	35,798	3,867	9,709	15,467	3,900
005-2800-587-00-1	Customer Installation - Labor	165	417	-	-	-
005-2800-597-00-1	Meters - Labor	90,105	96,154	81,558	63,919	97,900
005-2800-597-10-1	AMI Meter & Equip Maintenance	-	-	-	-	-
005-2800-597-70-1	Meter Job Training	4,227	4,590	3,363	6,725	6,900
005-2800-902-00-1	Meter Reading - Labor	-	-	-	-	-
005-2800-925-10-1	Injuries & Damages - Labor	-	-	-	-	-

Account Number	Description	FY 2017 Actual	FY 2018 Actual	FY 2019 Projected	Approved FY 2019 Budget	Proposed FY 2020 Budget
005-2800-925-80-1	Safety & Accident Prevention	776	599	2,354	4,707	4,900
005-2800-926-10-1	Vacation & Holiday	-	-	-	-	-
005-2800-926-30-1	Sick Leave	-	-	-	-	-
005-2800-926-50-1	Casual	-	-	-	-	-
005-2800-926-70-1	Education Benefit - Labor	77	-	-	-	-
005-2800-926-80-1	Jury Duty	-	-	-	-	-
005-2800-926-90-1	Union Leave - Negotiations	427	-	672	-	-
005-2800-933-00-1	Transportation - Labor	-	41	168	-	-
	Dept 2800 Labor	\$ 235,818	\$ 194,861	\$ 175,330	\$ 175,046	\$ 180,100
005-2800-586-20-2	R & R Meters - Other	-	-	-	-	-
005-2800-586-30-2	Seal & Unseal Meters - Other	-	-	-	-	-
005-2800-587-00-2	Customer Installation Expense New account to upgrade meter sockets at Litton Ave Apts.			-		-
005-2800-597-00-2	Meters - Other	3,408	3,153	18,402	8,103	8,400
005-2800-597-10-2	AMI Meter & Equipment Maint.	3,863	-	-	-	-
005-2800-597-70-2	Meter Job Training	9,181	2,764	3,000	6,000	6,700
005-2800-902-00-2	Meter Reading - Other (meter phone lines to various sub stations) AMI Metering communication annual software Elution's communication lines	7,959	9,233	8,075	10,266	10,400
005-2800-921-10-2	Office Supplies - Other	-	-	-	-	-
005-2800-921-50-2	Telephone	-	-	-	-	-
005-2800-925-10-2	Safety Incentive Program	-	-	-	-	-
005-2800-925-70-2	Safety Clothing & Gear - Other	1,713	1,572	2,288	1,900	1,900
005-2800-925-80-2	Safety - Other	-	400	-	-	-
005-2800-926-70-2	Education Benefit - Other	700	-	-	-	-
005-2800-932-40-2	Communication Eq. - Other	-	-	-	-	-
005-2800-932-50-2	Office Furniture & Equip	-	-	-	-	-
005-2800-933-00-2	Transportation - Other	739	97	1,350	2,700	2,800
	Dept 2800 Other	\$ 27,563	\$ 17,218	\$ 33,114	\$ 28,969	\$ 30,200
	Total Labor	2,665,946	2,842,963	2,574,912	2,424,097	2,498,300
	Payroll Tax	315,077	314,688	297,170	321,100	331,900
	Total Other	1,313,156	1,381,218	1,425,824	1,727,678	1,836,400
	Toatal all	\$ 4,294,180	\$ 4,538,869	\$ 4,297,905	\$ 4,472,875	\$ 4,666,600

<i>Electric Expense 2019/2020 Budget</i>						
						60%
Account Number	Description	FY 2017 Actual	FY 2018 Actual	FY 2019 Projected	Approved FY 2019 Budget	Proposed FY 2020 Budget
Dept 4000	Customer Care Administration					
005-4000-408-20-1	Taxes Payroll	47,592	54,772	58,026	61,700	59,600
005-4000-920-00-1	Management Salaries	1,212	51,793	41,066	41,600	39,708
005-4000-925-10-1	Injuries & Damages - Labor	-	-	-	-	-
005-4000-926-10-1	Vacation & Holiday	-	-	-	-	-
005-4000-926-20-1	Casual Time	-	-	-	-	-
005-4000-926-30-1	Sick Leave	-	-	-	-	-
005-4000-926-50-1	Casual	-	-	-	-	-
005-4000-926-70-1	Education Benefit - Labor	-	-	-	-	-
005-4000-926-80-1	Jury Duty	-	-	-	-	-
005-4000-930-50-1	Misc. Communications-Labor	-	-	-	-	-
005-4000-930-90-1		-	-	-	-	-
	Dept 4000 Labor	\$ 48,804	\$ 106,564	\$ 99,092	\$ 103,300	\$ 99,308
005-4000-904-00-2	Uncollectable Accounts	134,568	22,769	-	-	
005-4000-905-00-2	Misc. Customer Relations Expen (courtesy credits for miscellaneous customer issue resolution)	2,587	1,789	-	-	
005-4000-909-30-2	Customer Info/Adv Expense	-	-	-	-	-
005-4000-912-10-2	Promotions	-	2,969	1,500	3,000	1,500
005-4000-912-80-2	Demonstrating & Selling Expens	6,334	-	-	-	-
005-4000-920-00-2	Job Training	2,314	-	3,000	6,000	6,000
005-4000-921-10-2	Office Supplies - Other (approx 90%)	27,960	26,706	8,053	-	
005-4000-921-20-2	Key Account Office Supplies	209	-	733	1,380	3,000
005-4000-921-50-2	Telephone (Key account, GM-Finance Bldg Maint, ATT and Verizon)	2,385	2,421	2,082	3,300	3,600
005-4000-923-10-2	Professional Services - Specia (charge to BL&P for GM-Finance Services)	-	-	-	-	-
005-4000-923-20-2	Professional Services - Legal-Contractor	-	-	-	-	-
005-4000-925-10-2	Safety Incentive Program	96	-	-	-	-
005-4000-925-70-2	Safety Clothing & Gear - Other	-	-	506	420	420
005-4000-925-80-2	Safety - Other	311	140	180	360	360
005-4000-926-70-2	Employee Benefits (Education Rebate)	-	-	1,308	1,800	900
005-4000-930-20-2	Misc. Ind. & Assoc. Dues	-	-	-	-	192
005-4000-930-30-2	Misc.Conf.& Meetings Springbrook/APPA	2,368	(688)	2,575	3,600	3,600
005-4000-930-90-2	Miscellaneous - Other	-	-	-	-	-
005-4000-931-00-2	Rent Expense Trailer	-	-	-	-	-
005-4000-932-10-2	Municipal Bldg - Other	-	-	-	-	-
005-4000-932-20-2	Communication Equipment - Othe	-	-	-	-	-
005-4000-932-50-2	Office Furn & Equipment (Computer Equipment for Key accounts and GM- Finance contingency)	-	-	14,949	29,280	61,000
005-4000-932-60-2	Telephone Equipment - Other	-	1,171	1,080	2,160	2,400
005-4000-932-70-2	Software Replacment Exp Reserv (for Financial and CustServ upgrades)	-	-	584	-	-
005-4000-933-00-2	Transportation - Other (M&R of Key Account and GM Finance vehicles)	-	180	2,167	1,500	1,500

<i>Electric Expense 2019/2020 Budget</i>						
						60%
Account Number	Description	FY 2017 Actual	FY 2018 Actual	FY 2019 Projected	Approved FY 2019 Budget	Proposed FY 2020 Budget
	<i>Dept 4000 Other</i>	\$ 179,133	\$ 57,458	\$ 38,717	\$ 52,800	\$ 84,472
Dept 4100	Customer Care Business Develop					
005-4100-921-10-2	Office Supplies - Other	-	-	-	-	-
005-4100-921-50-2	Telephone	-	-	-	-	-
Dept 4200	Customer Care Meter Reading					
005-4200-408-20-1	Taxes Payroll	-	-	1,420	-	-
005-4200-902-00-1	Meter Reading - Labor	131,895	139,290	130,225	131,850	137,764
005-4200-902-01-1	Meter Reading - Labor Cr. (New)					(6,202)
005-4200-925-10-1	Injuries & Damages - Labor	-	-	-	-	-
005-4200-926-10-1	Vacation & Holiday	-	-	-	-	-
005-4200-926-30-1	Sick Leave	-	-	-	-	-
005-4200-926-50-1	Casual	-	-	-	-	-
005-4200-926-70-1	Education Benefit - Other	-	-	-	-	-
	<i>Dept 4200 Labor</i>	\$ 131,895	\$ 139,290	\$ 131,645	\$ 131,850	\$ 131,562
005-4200-586-30-2	Seal & Unseal Meters - Other	-	-	-	-	-
005-4200-902-00-2	Meter Reading - Other	14,589	13,678	48,571	30,000	45,000
005-4200-925-10-2	Safety Incentive Program	-	-	-	-	900
005-4200-925-70-2	Safety Clothing & Gear - Other	-	-	-	-	-
005-4200-925-80-2	Safety - Other	-	-	450	900	600
005-4200-926-70-2	Education Benefit - Other	-	-	-	-	-
005-4200-932-40-2	Communication Equipment - Othe	-	-	-	-	-
005-4200-933-00-2	Transportation - Other	3,186	2,253	4,213	4,800	4,800
	<i>Dept 4200 Other</i>	\$ 17,775	\$ 15,931	\$ 53,233	\$ 35,700	\$ 51,300
Dept 4300	Customer Care Economic Develop					
005-4300-408-20-1	Taxes Payroll	-	-	-	-	-
005-4300-920-00-1	Management Salaries	43,728	45,018	45,702	45,850	36,342
005-4300-925-10-1	Injuries & Damages - Labor	-	-	-	-	-
005-4300-926-10-1	Vacation & Holiday	-	-	-	-	-
005-4300-926-30-1	Sick Leave	-	-	-	-	-
005-4300-926-50-1	Casual	-	-	-	-	-
	<i>Dept 4300 Labor</i>	\$ 43,728	\$ 45,018	\$ 45,702	\$ 45,850	\$ 36,342
005-4300-912-10-2	Promotions	-	-	-	-	-
005-4300-912-80-2	Demonstrating & Selling Expens	76,313	10,780	3,622	-	-
005-4300-912-81-2	Advertising - Printing	-	8,835	13,916	15,500	10,000
005-4300-912-82-2	Advertising - Radio	-	11,772	13,679	11,000	10,000
005-4300-912-83-2	Public Relations-Park Concerts	-	13,348	6,485	6,300	7,725
005-4300-912-84-2	Public Relations -City Cabaret	-	1,849	975	1,850	1,388
005-4300-912-85-2	Public Relations-Newsletters	-	6,918	5,526	6,700	8,600
005-4300-912-86-2	Advertising - Sponsorships	-	34,615	28,450	37,300	45,000
005-4300-912-87-2	Grants	-	9,080	15,743	20,000	20,000
005-4300-912-88-2	Others - Marketing and Communications	-	709	330	-	7,500

<i>Electric Expense 2019/2020 Budget</i>						
						60%
Account Number	Description	FY 2017 Actual	FY 2018 Actual	FY 2019 Projected	Approved FY 2019 Budget	Proposed FY 2020 Budget
005-4300-912-89-2	Customer Survey - New G/L	-	-	-	-	12,500
005-4300-921-10-2	Office Supplies - Other	686	691	354	-	-
005-4300-921-50-2	Telephone	42	49	14	-	-
005-4300-925-80-2	Safety - Other	-	-	-	-	-
005-4300-926-70-2	Education Benefit - Other	-	-	-	-	-
005-4300-930-30-2	Misc.Conf.& Meetings	-	-	-	-	-
005-4300-930-90-2	Miscellaneous - Other	298	-	-	-	-
005-4300-933-00-2	Transportation - Other	-	-	-	-	-
	<i>Dept 4300 Other</i>	\$ 77,338	\$ 98,646	\$ 89,094	\$ 98,650	\$ 122,713
Dept 4400	Customer Care Customer Serv					
005-4400-408-20-1	Taxes Payroll (included in 005-4000-408-20-1)	-	-	-	-	-
005-4400-901-00-1	Supervision Customer Care	95,843	104,398	111,447	111,100	116,820
005-4400-901-01-1	Supervision Customer Care - Cr. (New)	-	-	-	-	(22,849)
005-4400-903-10-1	Connections & Orders - Labor	318,326	304,804	306,211	327,200	327,206
005-4400-903-11-1	Connections & Orders - Labor Cr.(new)	-	-	-	-	(16,474)
005-4400-903-30-1	Billing - Labor	-	-	-	-	-
005-4400-925-10-1	Injuries & Damages - Labor	-	-	-	-	-
005-4400-926-10-1	Vacation & Holiday	-	-	-	-	-
005-4400-926-30-1	Sick Leave	-	-	-	-	-
005-4400-926-50-1	Casual	-	-	-	-	-
005-4400-926-70-1	Education Benefit - Labor	-	-	-	-	-
005-4400-926-80-1	Jury Duty	-	-	-	-	-
	<i>Dept 4400 Labor</i>	\$ 414,170	\$ 409,202	\$ 417,658	\$ 438,300	\$ 404,703
005-4400-426-00-2	Other Income Deduct.-Energy As	5,981	4,806	1,289	-	-
005-4400-903-10-2	Connections & Orders - Other	-	-	-	-	-
005-4400-903-20-2	Collections - Other	6,093	1,035	-	-	-
005-4400-903-30-2	Billing - Other	170,099	165,862	206,093	216,200	255,000
005-4400-905-00-2	Misc. Customer Relations Expen (courtesy credits for miscellaneous customer issue resolution)	-	-	41,581	30,000	18,000
005-4400-921-20-2	Office Supplies - Other (approx 90% bank service charges for checking act) copier lease copy paper	-	-	12,000	24,000	24,000
005-4400-903-40-2	Cust Care Job Training	4,449	7,091	10,881	14,950	21,000
005-4400-912-80-2	Demonstrating & Selling Expens	-	-	-	-	-
005-4400-916-10-2	Misc. Sales Expense	-	-	-	-	-
005-4400-921-10-2	Office Supplies - Other	6,059	5,009	5,201	6,000	6,000
005-4400-921-50-2	Telephone	3,346	3,568	3,315	4,250	6,000
005-4400-925-10-2	Safety Incentive Program	803	-	-	-	3,000
005-4400-925-80-2	Safety - Other	1,395	35	1,350	2,700	2,700
005-4400-926-70-2	Education Benefit - Other	-	-	-	-	-
005-4400-932-50-2	Office Furn & Equipment	8,913	6,824	6,234	11,400	17,400
	<i>Dept 4400 Other</i>	\$ 207,138	\$ 194,229	\$ 287,943	\$ 309,500	\$ 353,100
Dept 4800	Customer Care Billing Services					

<i>Electric Expense 2019/2020 Budget</i>						
						60%
Account Number	Description	FY 2017 Actual	FY 2018 Actual	FY 2019 Projected	Approved FY 2019 Budget	Proposed FY 2020 Budget
005-4800-903-20-2	Outside Collections Services	15,680	13,200	9,186	10,800	10,800
005-4800-904-00-2	Uncollectable Accounts	-	-	53,883	60,000	60,000
005-4800-903-30-2	Billing - Other	691	-	1,103	-	-
005-4800-923-20-2	Professional Services - Legal	-	-	-	-	-
	<i>Dept 4800 Other</i>	<i>\$ 16,371</i>	<i>\$ 13,200</i>	<i>\$ 64,173</i>	<i>\$ 70,800</i>	<i>\$ 70,800</i>
Dept 4900	Customer Care Conservation Ser					
005-4900-408-20-1	Taxes Payroll	-	-	-	-	-
005-4900-908-00-1	Energy Conserve - Labor	144,804	149,500	154,800	154,800	166,472
	<i>Dept 4900 Labor</i>	<i>\$ 144,804</i>	<i>\$ 149,500</i>	<i>\$ 154,800</i>	<i>\$ 154,800</i>	<i>\$ 166,472</i>
005-4900-908-00-2	Energy Conserve - Other	-	-	-	-	-
005-4900-908-10-2	CLM Reimbursements - Residenti	374,781	230,826	717,065	762,428	773,616
005-4900-908-11-2	C.L.F.Program	-	-	-	-	-
005-4900-908-12-2	Light Catalog Program	-	-	-	-	-
005-4900-908-13-2	Central AC/Heat Pump Program	-	-	1,000	-	-
005-4900-908-14-2	Demand Response Program	-	-	-	-	-
005-4900-908-15-2	Low Income Program	-	-	2,051	-	-
005-4900-908-16-2	Res. Conservation Services-HES	60,425	72,311	-	-	-
005-4900-908-17-2	Groton Sch CFL Dist&Ed	-	-	-	-	-
005-4900-908-18-2	TVCCA Residential Conserv Prog	-	-	-	-	-
005-4900-908-19-2	Gov. Bldg. Conserv. Programs	-	-	-	-	-
005-4900-908-20-2	Refrigerator Rebate	-	-	-	-	-
005-4900-908-21-2	Freezer Rebate	-	-	-	-	-
005-4900-908-22-2	Dishwasher Rebate	-	-	-	-	-
005-4900-908-23-2	Clothes Washer-Front Rebate	-	-	-	-	-
005-4900-908-24-2	Clothes Washer-Top Rebate	-	-	-	-	-
005-4900-908-25-2	Water Heater Rebate	-	500	1,250	-	-
005-4900-908-26-2	Room Air Conditioner Rebate	60	-	-	-	-
005-4900-908-27-2	PV Solar Roof	-	4,803	-	-	-
005-4900-908-28-2	Dehumidifier Rebates	-	-	-	-	-
005-4900-908-29-2	Res. Conserv. Serv. Insulation	-	-	-	-	-
005-4900-908-30-2	Residential Insul-HES	-	48,283	8,114	-	-
005-4900-908-31-2	Residebntial Loan Subsidies	-	-	-	-	-
005-4900-908-32-2	LED Program	10,614	-	10,138	-	-
005-4900-908-33-2	Purchased EV Pilot Program	-	-	2,000	-	-
005-4900-908-34-2	Leased EV Pilot Program	-	-	-	-	-
005-4900-908-35-2	Level 2 EV Charger	-	-	600	-	-
005-4900-908-60-2	CLM Reimb - Commercial/Indust	-	-	-	-	-
005-4900-908-61-2	New Light Program	2,765	240	1,928	-	-
005-4900-908-62-2	Retrofit Lighting Program	159,324	298,212	-	-	-
005-4900-908-63-2	Air Conditioner/Heat Pump	68,258	500	-	-	-
005-4900-908-64-2	High Efficiency Meter Program	-	-	-	-	-
005-4900-908-65-2	Vending Mach/Door Heater Pro	-	-	-	-	-
005-4900-908-66-2	Dist. Gen. Program	-	-	-	-	-
005-4900-908-67-2	Demand Response Program	45	-	-	-	-
005-4900-908-68-2	Lighting R&D	-	-	-	-	-
005-4900-908-70-2	Conservation Job Training	-	-	-	-	-
005-4900-909-10-2	Customers Conservation Adv Exp	-	-	-	-	-

<i>Electric Expense 2019/2020 Budget</i>						
						60%
Account Number	Description	FY 2017 Actual	FY 2018 Actual	FY 2019 Projected	Approved FY 2019 Budget	Proposed FY 2020 Budget
005-4900-909-11-2	Marketing & Promotions	4,571	2,025	665	-	
005-4900-909-20-2	Environmental Adv Exp	-	-	-	-	
005-4900-909-30-2	Informational Consumer Adv Exp	-	-	-	-	
005-4900-909-68-2	Lighting R & D	-	-	-	-	
005-4900-921-00-2	Office Supplies	-	464	-	-	
005-4900-923-10-2	Professional Services	83,127	114,794	37,809	-	
005-4900-926-70-2	Education Benefit - Other	3,267	2,647	215	-	
005-4900-930-30-2	Misc - Conference & Meetings	1,522	35	3,552	-	
005-4900-932-50-2	Office Furniture & Equipment	2,008	619	-	-	
005-4900-933-00-2	Transportation - Other	206	101	176	-	
	Dept 4900 Other	\$ 770,973	\$ 776,359	\$ 786,563	\$ 762,428	\$ 773,616
	Total Labor	735,808	794,802	790,872	657,600	612,315
	Payroll Tax	47,592	54,772	58,026	61,700	59,600
	Total Other	1,268,727	1,155,822	1,319,724	1,484,678	1,622,473
	Total all	\$ 2,052,127	\$ 2,005,396	\$ 2,168,622	\$ 2,203,978	\$ 2,294,387

<i>Electric Expense 2019/2020 Budget</i>						
						60%
Account Number	Description	FY 2017 Actual	FY 2018 Actual	FY 2019 Projected	Approved FY 2019 Budget	Proposed FY 2020 Budget
Dept 9000	Administration Utility Director and staff labor and expenses					
005-9000-221-00-1	Deduction - MEDIR	-	230	-	-	
005-9000-408-20-1	Taxes Payroll	29,169	33,224	36,511	44,200	37,100
005-9000-920-00-1	Management Salaries (Director and staff labor)	394,390	447,328	453,347	488,800	360,005
005-9000-920-10-1	Management - Other (contingency for salary adjustments)	-	-	7,500	15,000	15,000
005-9000-925-10-1	Injuries & Damages - Labor	-	-	-	-	-
005-9000-926-10-1	Vacation & Holiday	-	-	-	-	-
005-9000-926-30-1	Sick Leave	-	-	-	-	-
005-9000-926-50-1	Casual	-	-	-	-	-
005-9000-926-70-1	Education Benefit - Labor	-	-	-	-	-
005-9000-926-80-1	Jury Duty	-	-	-	-	-
005-9000-926-91-1	Longevity	-	-	-	-	-
005-9000-932-10-1	Municipal Building - Labor (Bldg. maint. Staff)	65,157	66,582	70,826	79,200	114,800
	Dept 9000 Labor	\$488,715	\$547,364	\$568,184	\$627,200	\$526,905
005-9000-912-10-2	Promotions	-	-	-	-	-
005-9000-912-80-2	Demonstration & Selling Expens	-	-	-	-	-
005-9000-920-10-2	Intercompany Billable Wages	-	1,665	-	-	-
005-9000-920-20-2	Job Training	465	3,581	3,000	6,000	6,000
005-9000-921-10-2	Office Supplies - Other (various incl Emp Breakfast, chamber events, mailing/shipping, Emp Sympathy baskets, business card printing, individual organization memberships, office supplies)	6,271	11,530	14,139	13,800	13,800
005-9000-921-50-2	Telephone / Yellow Page Adv (yellow page adv, cell phone, phone)	5,725	6,978	5,878	6,500	6,540
005-9000-923-10-2	Professional Services - Specia (expenses associated with consultants working on special assigned projects such as rates, benefits, business analysis)	10,567	45,361	38,906	60,000	42,000
005-9000-923-11-2	Professional Services - Specia (charge to BL&P for GM-Finance Services)	(27,480)	(27,480)	(25,890)	(24,300)	-
005-9000-923-20-2	Professional Services - Legal (legal expenses associated with various business analysis, special contract review, including personnel issues, etc)	63,666	12,539	32,235	60,000	60,000
005-9000-923-40-2	Professional Service - Succession Planning	-	-	-	-	-
005-9000-925-10-2	Safety Incentive Program	-	-	59	-	-
005-9000-925-60-2	Education Programs	-	-	-	-	-
005-9000-925-70-2	Safety Clothing & Gear - Other	-	-	-	-	-
005-9000-925-80-2	Safety - Other (KFB)	-	-	-	-	-
005-9000-925-90-2	City Wide Saftey Training	-	-	-	-	-
005-9000-926-60-2	Education Programs - HR	-	-	-	-	-
005-9000-926-70-2	Education Benefit - Other	-	-	-	-	-
005-9000-930-20-2	Misc.- Ind.& Assoc.Dues (APPA company membership, NEPPA company dues, Eastern Ct Chamber Benefactor Status)	57,249	58,601	62,546	65,000	45,600

Account Number	Description	FY 2017 Actual	FY 2018 Actual	FY 2019 Projected	Approved FY 2019 Budget	Proposed FY 2020 Budget
005-9000-930-30-2	Misc.Conf.& Meetings (expenses of attendance of conferences for Director, Admin. Staff and UC Commission)	2,919	2,989	6,064	9,500	9,600
005-9000-930-60-2	Recruitment	-	-	-	-	-
005-9000-930-90-2	Miscellaneous - Other (administrative expenses not provided for elsewhere, Funded by US Resolution FY 06/07 budget resolutin R-06-6-63)	5,042	11,785	15,000	30,000	30,000
005-9000-932-10-2	Building - Other (various building repairs charged to electric & water)	11,025	455	5,750	11,500	11,460
005-9000-932-30-2	General Property - Other	805	988	15,942	5,300	5,280
005-9000-932-50-2	Office Furn & Equipment (Mostly Copier Rental)	15,162	13,520	11,861	13,500	13,500
005-9000-932-80-2	Maintain Computer Hdw	-	-	-	-	-
005-9000-933-00-2	Transportation - Other	322	-	-	-	-
005-9000-930-10-3	Donations	-	-	-	-	-
	<i>Dept 9000 Other</i>	<i>\$151,738</i>	<i>\$142,512</i>	<i>\$185,490</i>	<i>\$256,800</i>	<i>\$243,780</i>
	Total Labor	459,547	513,910	531,673	583,000	489,805
	Payroll Tax	29,169	33,454	36,511	44,200	37,100
	Total Other	151,738	142,512	185,490	256,800	243,780
	Toatal all	\$640,453	\$689,876	\$753,674	\$884,000	\$770,685

Electric Expense 2019/2020 Budget						
Account Number	Description	FY 2017 Actual	FY 2018 Actual	FY 2019 Projected	Approved FY 2019 Budget	Proposed FY 2020 Budget
Dept 9900	Misc Financial & Accounting					
005-9900-403-00-4	Depreciation	82,878	42,040	22,580	20,000	18,500
005-9900-403-10-4	Depreciation Expense - SPRBRK	1,745,646	1,906,804	1,869,336	1,821,400	1,976,168
005-9900-408-30-4	Gross Receipts Tax	1,229,261	1,226,808	1,274,015	1,181,188	1,433,414
005-9900-408-40-4	Tax - Sitting Council (acct not used)	-	-	-	-	-
005-9900-416-00-4	Merchandising & Jobbing Expens	205,374	1,103,366	89,974	171,027	177,096
005-9900-416-10-4	Get Exempt M&J Expense	9,610	-	-	-	-
005-9900-426-00-2	Miscellaneous Income Deduction for TVC	2,733	3,962	1,907	-	-
005-9900-426-01-2	Donations	-	-	-	-	-
005-9900-426-99-2	Transfer Out to City	3,540,141	4,071,162	4,071,140	4,071,140	4,071,140
005-9900-427-01-4	2006 Bond Interest Expense	-	-	-	-	-
005-9900-427-02-4	Bond Interest 2006 TVC	-	-	-	-	-
005-9900-427-10-4	2002 Bond Interest	108,754	93,031	85,500	85,500	70,275
005-9900-427-20-4	1998 Bond Interest	-	-	-	-	-
005-9900-427-30-4	2003 Bond Interest	-	-	-	-	-
005-9900-427-60-4	1995 Bond Interest	-	-	-	-	-
005-9900-427-70-4	2007 Bond Interest (paid off)	1,750	-	-	-	-
005-9900-427-71-4	Bond Interest 2007 TVC (paid off)	8,125	-	-	-	-
005-9900-427-80-4	1991 Bond Interest	-	-	-	-	-
005-9900-427-90-4	1993 Bond Interest	-	-	-	-	-
005-9900-427-91-4	2009 Bond Interest	133,741	126,445	120,112	120,112	111,650
005-9900-427-92-4	2009REF Bond Interest - 98&02	-	-	-	-	-
005-9900-427-93-4	2013 Bond Interest	58,929	55,129	52,913	52,913	49,113
005-9900-427-94-4	2013 Bond Interes TVC	467,633	436,983	418,900	418,900	386,900
005-9900-427-95-4	Bond Int.- 2014Ref-A GU	163,350	150,100	138,050	138,050	121,950
005-9900-427-96-4	Bond Int. -2014Ref-A TVC	216,550	200,650	185,150	185,150	165,050
005-9900-427-97-4	Bond Int. - 2014Ref-B TVC	68,668	63,170	57,703	57,703	49,064
005-9900-427-98-4	2017 Bond Interest	-	270,445	350,634	350,634	329,249
005-9900-429-10-4	Amort.Of Premium On Debt (Cr)	(220,605)	(170,406)	(69,996)	(10,769)	(129,222)
005-9900-431-10-4	Interest Expense - Other	-	-	-	-	-
005-9900-431-20-4	Int Expense - EMDF	14,217	14,474	14,808	15,000	15,000
005-9900-431-30-4	Bans Interest	43,637	13,493	-	-	-
005-9900-431-40-4	TVC BANS Interest	-	-	-	-	-
005-9900-432-00-4	AFUDC Interest	-	-	-	-	-
005-9900-551-10-4	Power Cost incl PPA/TCA	28,238,302	24,902,912	19,684,242	18,276,848	19,036,683
005-9900-551-20-4	Pfizer/ EB Pass Through Power Cost	6,132,482	6,682,269	6,995,543	6,609,578	6,994,333
005-9900-551-30-4	Navy Pass Through Power Cost	-	1,315,751	6,359,419	6,412,892	5,911,569
005-9900-555-10-4	GREEN POWER COST	-	-	-	-	-
005-9900-555-20-4	Solar energy Purchases	245,105	221,316	190,831	204,299	194,536
005-9900-557-00-2	Other Purchased Power Expense	-	-	-	-	-
005-9900-904-00-4	Uncollectable Accounts	-	-	-	-	-
005-9900-921-10-2	Office Supplies - Other	-	-	-	-	-
005-9900-922-00-2	Administrative Credit	(1,019,570)	(1,070,492)	(924,470)	(902,494)	(945,002)
005-9900-922-10-2	Administrative Credit - TVC	-	-	-	-	-
005-9900-923-10-2	Professional Services - Specia (including COSS PPA quaterly review \$10k)	52,449	38,031	56,000	100,000	110,000
005-9900-923-20-2	Professional Services - Legal	25,800	8,050	50,000	100,000	100,000
005-9900-923-30-2	Professional Services - City A	199,835	226,244	204,680	198,910	214,485
005-9900-923-40-2	Professional Services - HR	127,256	124,223	147,284	144,782	155,387
005-9900-923-50-2	Audit Fees	18,333	18,667	25,000	20,000	30,000
005-9900-923-60-2	Professional Svces. - Lobbying	87,750	100,000	104,000	100,000	110,000

