SPECIAL COUNCIL MEETING - BUDGET REVIEW
AGENDA

MAY 24, 2016 - 6:00 P.M.

CITY HALL COUNCIL CHAMBERS, 15 LOOCKERMAN PLAZA, DOVER, DELAWARE

PUBLIC COMMENTS ARE WELCOMED ON ANY ITEM AND WILL BE PERMITTED AT APPROPRIATE TIMES. WHEN POSSIBLE, PLEASE NOTIFY THE CITY CLERK (736-7008 OR E-MAIL AT CITYCLERK@DOVER.DE.US) SHOULD YOU WISH TO BE RECOGNIZED.

AGENDA ADDITIONS/DELETIONS

MAY 24, 2016 - 6:00 P.M.

1. **INTRODUCTION AND PRESENTATION**
2. **SUMMARIES OF FUND REVENUE AND EXPENSES**

   BREAK. . . . . (7:15 - 7:30 P.M.)
3. **PERSONNEL INFORMATION**
4. **REVENUE REVIEW**
5. **RECESS BY 9:00 P.M.**

MAY 25, 2016 - 6:00 P.M. (CONTINUATION OF RECESSED MEETING OF MAY 24, 2016)

AGENDA ADDITIONS/DELETIONS

1. **DIVISION BUDGET REVIEWS**

   BREAK. . . . . (7:15 - 7:30 P.M.)
2. **REVIEW OF CAPITAL INVESTMENT PLAN (CIP)**
3. **RECESS BY 9:00 P.M.**

MAY 26, 2016 - 6:00 P.M. (CONTINUATION OF RECESSED MEETING OF MAY 25, 2016)

AGENDA ADDITIONS/DELETIONS

1. **FINANCIAL FORECAST BY FUND. . . . . (6:00 - 6:45 P.M.)**
   - **A. GENERAL FUND**
   - **B. WATER/WASTEWATER FUND**
   - **C. ELECTRIC FUND**

MAY 26, 2016 - 6:00 P.M. (CONTINUATION OF RECESSED MEETING OF MAY 25, 2016)(CONTINUED)

2. **CITY POLICIES AND PROCEDURES. . . . . (6:45 - 7:15 P.M.)**
   - **A. FINANCIAL POLICY**
   - **B. BUDGET AMENDMENT PROCEDURE**

   BREAK. . . . . (7:15 - 7:30 P.M.)

3. **QUESTIONS, ANSWERS, OPEN DISCUSSION, AND MARKUP. . . . . 7:30 P.M.**

4. **RECESS BY 8:00 P.M.**

JUNE 1, 2016 - 6:00 P.M. (CONTINUATION OF RECESSED MEETING OF MAY 26, 2016, IF NECESSARY)

AGENDA ADDITIONS/DELETIONS

1. **QUESTIONS, ANSWERS, OPEN DISCUSSION, AND MARKUP. . . . . 6:00 P.M.**

   BREAK. . . . . (7:15 - 7:30 P.M.)

2. **ADJOURNMENT BY 9:00 P.M.**

(ALL OF THE ABOVE TIMES ARE ESTIMATED AND ARE SUBJECT TO CHANGE BASED ON LENGTH OF DISCUSSION)

EXECUTIVE SESSION PURSUANT TO:

29 DEL. C. §10004(B)(2) - PRELIMINARY DISCUSSIONS ON SITE ACQUISITIONS FOR ANY PUBLICLY FUNDED CAPITAL IMPROVEMENTS, OR SALES OR LEASES OF REAL PROPERTY;

29 DEL. C. §10004(B)(4) - STRATEGY SESSIONS, INCLUDING THOSE INVOLVING LEGAL ADVICE OR OPINION FROM AN ATTORNEY-AT-LAW, WITH RESPECT TO COLLECTIVE BARGAINING OR PENDING OR POTENTIAL LITIGATION, BUT ONLY WHEN AN OPEN MEETING WOULD HAVE AN ADVERSE EFFECT ON THE BARGAINING OR LITIGATION POSITION OF THE PUBLIC BODY;

29 DEL. C. §10004(B)(6) - DISCUSSION OF THE CONTENT OF DOCUMENTS, EXCLUDED FROM THE DEFINITION OF "PUBLIC RECORD" IN §10002 OF THIS TITLE WHERE SUCH DISCUSSION MAY DISCLOSE THE CONTENTS OF SUCH DOCUMENTS;

29 DEL. C. §10004(B)(9) - PERSONNEL MATTERS IN WHICH THE NAMES, COMPETENCY AND ABILITIES OF INDIVIDUAL EMPLOYEES ARE DISCUSSED, UNLESS THE EMPLOYEE REQUESTS THAT SUCH A MEETING BE OPEN

/TM

S:\AGENDAS-MINUTES-PACKETS-PRESENTATIONS-ATT&EXH\COUNCIL-AGENDAS\2016\05-24-2016 SPECIAL COUNCIL-BUDGET REVIEW.WPD











FY 2016-2017

Draft Annual Operating Budget

With 2017-2021 Capital Investment Plans

CITY OF DOVER, DELAWARE

FY 2016 – 2017 DRAFT BUDGET

WITH 2017 – 2021 CAPITAL INVESTMENT PLANS

SECTION **PAGE**

INTRODUCTORY SECTION

City Manager's Letter..... 3
City of Dover Vision..... 5
City Organizational Chart..... 6

BUDGET SUMMARY

Highlights of Overall Budget..... 7
Rate & Fee Trends..... 22

FUND SUMMARIES & RESERVE ACCOUNTS

All Funds Summary..... 24
General Fund
Cash Receipt Summary..... 25
Expense Summary..... 26
Governmental Capital Projects..... 31
Water/Wastewater..... 32
Electric..... 37
Charter Article IV, Sec44 & Financial Policies
Sec. 44 – Annual Budget..... 43
Financial Policies..... 44
Budget Administration Guidelines..... 53

PERSONNEL INFORMATION

Personnel Table..... 57
Personnel Cost Summary..... 58
Overtime Trends
FY14 through FY17 Comparison..... 59

FIVE YEAR FORECAST SUMMARY

General Fund..... 62
Water/Wastewater Fund..... 72
Electric Revenue Fund..... 85

CAPITAL INVESTMENT PLAN

Total City Summary..... 101
General
Funding Source Summary FY17-FY21 104
Projects by Department FY17-FY21 105
Water/Wastewater (Water/WW)
Funding Source Summary FY17-FY21 120
Projects by Department FY17-FY21 121
Electric
Funding Source Summary FY17-FY21 141
Projects by Department FY17-FY21 142
Vehicle Replacements
General FY17-FY21 184
Water/WW FY17-FY21 189
Electric FY17-FY21 192

DEBT SERVICE

Debt Limit
Legal Debt Margin 195
Debt Service Schedules
Projected Debt Service 196
Water/WW Revenue Bonds 197
Electric Revenue Fund 199

GENERAL

Budget Review FY 2016-2017..... 202
FY 2017 Annual Operating Budget
Mayor..... 234
Economic Development..... 235
City Council..... 237
City Manager..... 239
City Clerk..... 241
Customer Services..... 243
Finance..... 245
Procurement & Inventory..... 246
Fire..... 248
Human Resources..... 250
Information Technology..... 252
Parks & Recreation..... 254
Library..... 256
Police..... 258

GENERAL – CONTINUED

PAGE

Tax Assessor..... 261

Planning & Inspections

Planning/CDBG..... 263
Life Safety..... 264
Code Enforcement..... 265
Inspections..... 266

Public Works

Administration..... 268
Public Works Engineering..... 269
Facilities Management..... 270
Fleet Maintenance..... 271
Grounds..... 272
Sanitation..... 273
Street..... 274

PUBLIC UTILITIES

Water/Wastewater Budget Review 277
Water/WW Engineering..... 283
Water Management..... 284
Wastewater Management..... 285
Water Treatment Plant..... 286
Electric Budget Review 288
Power Plant Operations..... 298
Power Supply..... 299
Transmission & Distribution..... 300
Electric Engineering..... 301
Administration..... 302
Meter Reading..... 303
System Operations..... 304

OTHER FUNDS

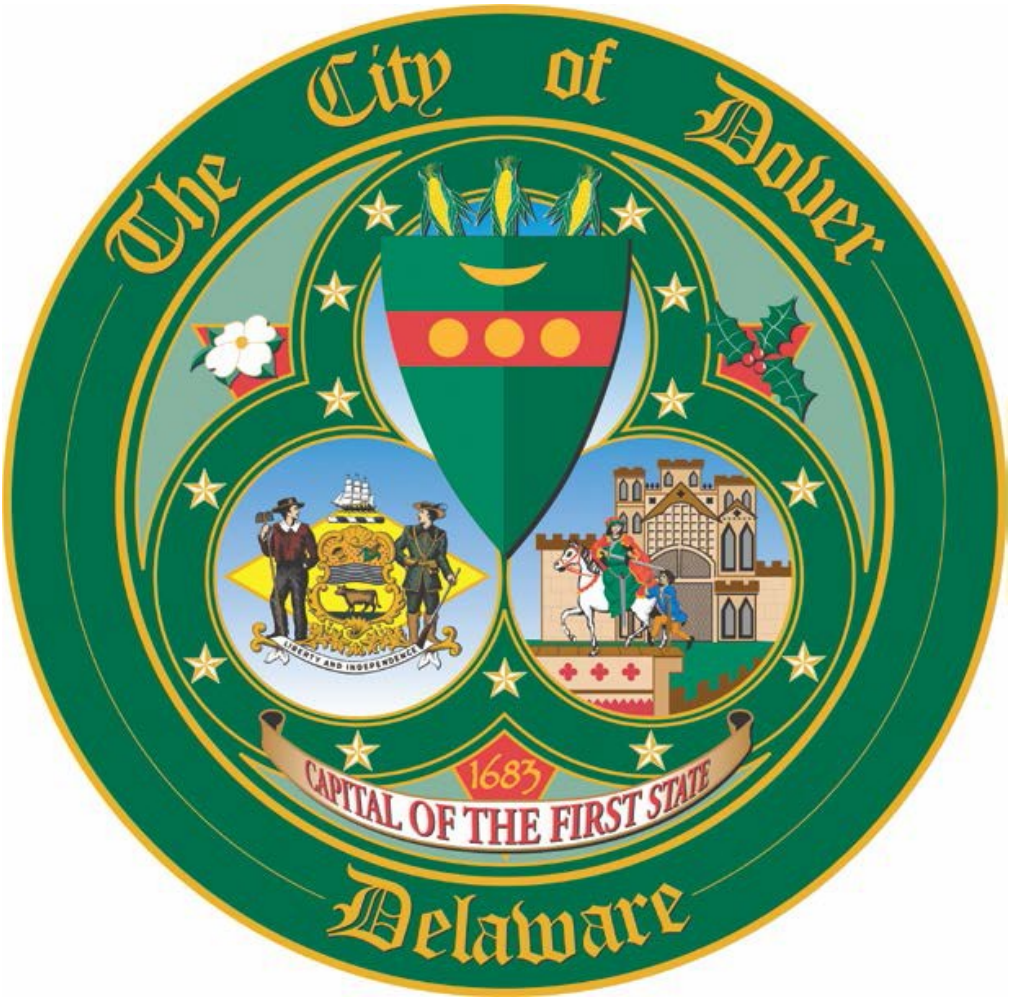
Municipal Street Aid..... 306
Electric Red Light Program..... 307
Realty Transfer Tax..... 308
Workers Compensation..... 309
Community Transportation..... 310
Library Grants..... 311
Police Grants..... 312
Community Development Block Grant (CDBG)..... 313
Substance Abuse Prevention Program..... 314

Introduction

- City Manager's Letter
- City of Dover Vision
- City Organizational Chart

ANNUAL OPERATING BUDGET FOR FISCAL YEAR

JULY 1, 2016
–
JUNE 30, 2017



"COMMUNITY EXCELLENCE THROUGH QUALITY SERVICE"

City of Dover

May 17, 2016

Members of City Council
City of Dover
Dover, DE 19901

RE: Fiscal Year 2016-2017 Proposed Budget

Dear Members of City Council:

Enclosed is the proposed Fiscal Year 2016-2017 City of Dover Operating Budget to be considered by City Council. Many members of city staff have given substantial consideration to their proposed expenses and have consolidated task and operations where possible. The proposed budget reflects our continued commitment to providing cost-effective, efficient, basic municipal services for our citizens, visitors and business community.

The proposed budget complies with all financial policies. Staff has presented a balanced budget that maintains the FY-2016 property tax rate of $0.4050 per $100 of assessed value; therefore, no property tax rate increase is proposed. It should be duly noted that staff cut approximately $1.1 million dollars of expenses in the General Fund since the preliminary budget review in March 2016. The total financial program for FY-2017 is proposed to be $138,472,000 (this includes an operating budget of $125,566,900 and a capital investments budget of $12,905,100). The FY-2017 financial program represents an increase of 0.9% over the original FY-2016 financial program ($137,233,200 vs. $138,472,000). A number of internal and external factors continue to influence the General Fund, including additional public safety expenses, employee expenses and necessary capital investments. The Electric Fund is balanced using the current rate structure adopted by City Council for the FY-2016 budget year. In addition, staff has proposed an Electric Budget alternative which initiates a Power Cost Adjustment (PCA) for the FY-2017 budget related to reductions in our power supply costs. There are no proposed rate or fee changes in the Water/Sewer Fund.

The proposed FY-2017 budget includes pay increases in accordance with all four (4) collective bargaining agreements. Base pay increases for the non-bargaining employees within the city's workforce are also included in the proposed budget. The total number of full-time personnel is proposed to be decreased from 359 to 357 positions, a decrease of two (2) positions under the FY-2016 authorization. In addition, the draft budget proposes to increase the number of part-time personnel from 94 to 96, a net increase of two (2) positions over the FY-2016 authorization. The total personnel budget across all funds will be approximately $36.044 million dollars; this represents an increase of 2.84% over the FY-2016 budget of $35.047 million dollars. The City's capital budget has also been thoroughly reviewed and revised as we have progressed through the preliminary budget process.

Once again, specific attention has been paid to long-term forecasting with respect to all of our funds (general, water/sewer & electric). Thoughtful and difficult decisions will continue to be required to address structural problems related to future budgets in all of these funds. These decisions will include, but not be limited to, new revenue sources, increases in current revenue sources, further reductions in cost centers, revisions to capital plans, and the potential sale of assets.

If these recommendations are adopted as proposed, the Fiscal Year 2016-2017 Budget is balanced as required. I appreciate your consideration of these recommendations and the potential impacts of all of the decisions necessary to present a balanced budget. I believe everyone involved in this process has put forth their best effort to balance the needs of our citizens, ratepayers, and employees. I am looking forward to the opportunity to present this document in detail at the budget hearings.

Respectfully,



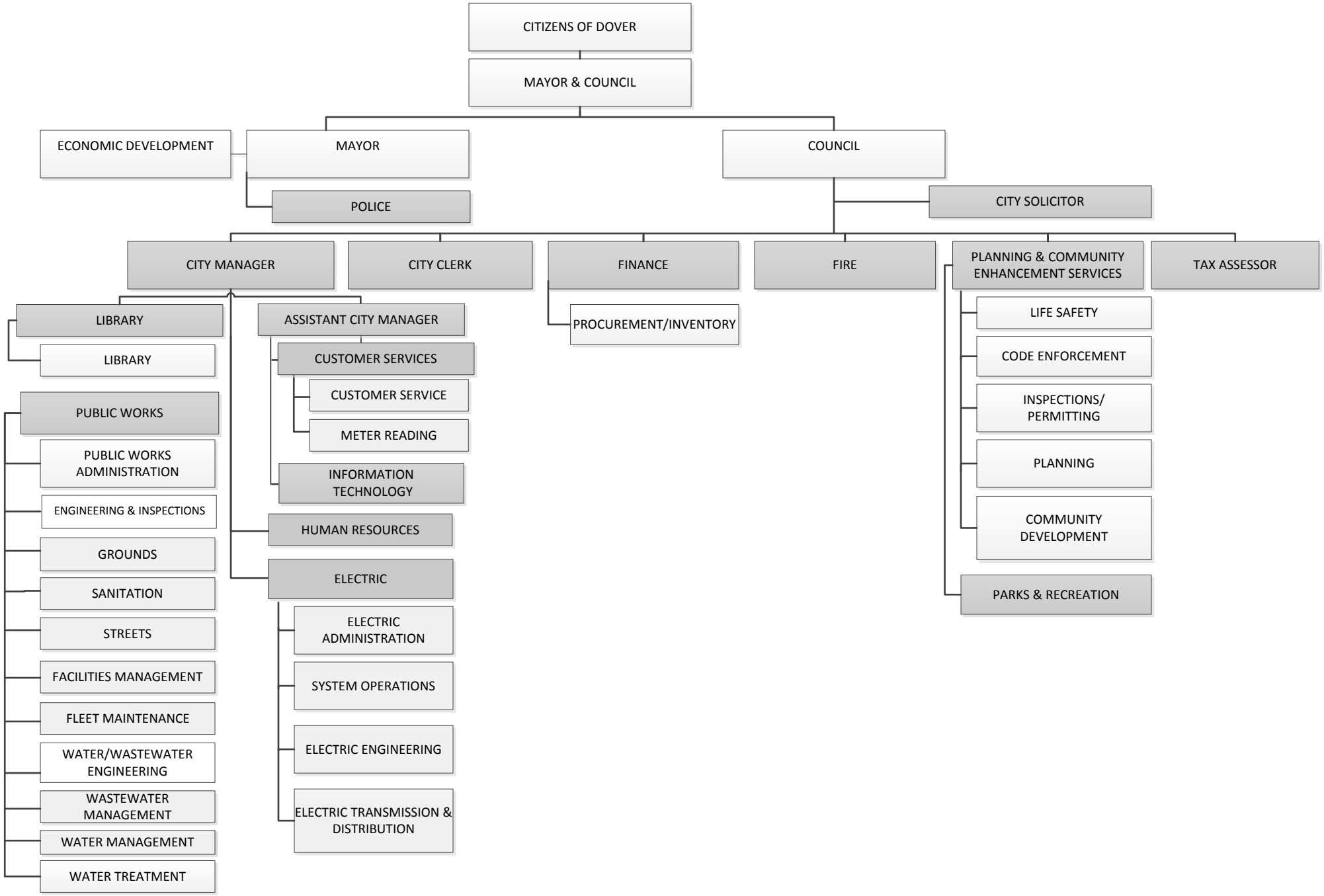
Scott D. Koenig, P.E.
City Manager
skoenig@dover.de.us
(302) 736-7005

VISION

The City of Dover is a place where people want to live! Through the team effort of its elected officials, employees, and citizens, Dover is a clean and safe community, with a future of balanced growth and opportunity where all citizens are heard, enjoy a high quality of life, and diversity is valued.

CITY OF DOVER

FISCAL YEAR 2017 ORGANIZATION CHART



City of Dover Fiscal Year 2017 Proposed Budget

Highlights of Overall Budget

May 24, 2016

General Fund Services

Police*Fire*Life Safety*Code Enforcement*Planning
Public Inspections*Library*Recreation*Streets
Sanitation*Grounds*Facilities Management
Fleet Maintenance*Public Works Administration
Public Works Engineering*Mayor*Customer Service
Procurement & Inventory*City Council*City Manager
City Clerk*Economic Development*Tax Assessor
Finance*Information Technology*Human Resources

Water/Wastewater Utility

Engineering & Inspection
Water Distribution & Well Maintenance
Wastewater Distribution & Pump Station Maintenance
Water Treatment Plant
Capital Project Management

Electric Utility

Administration
Engineering & Inspection
Transmission & Distribution Maintenance
System Operations
Metering
Capital Project Management

Policy Compliance

- Revenue Policy
  - #7 – The City will project current revenues on a conservative basis so the actual revenues will consistently meet or exceed budgeted revenues. Revenues greater or less than the original budget will flow through to the audited Ending Budget Balance.
- Expenditure Policy
  - #2 – The City will adopt a balanced budget, by fund, for all funds maintained by the City, in which total anticipated revenues must equal or exceed the budgeted expenditures. The Beginning Budget Balance will not be considered a revenue source.
- Budget Balance Policy – General Fund
  - #1 – The City will strive to maintain a minimum Budget Balance, of at least 8% and no greater than 12% of the current year operating revenues for the General Fund, excluding the carry forward balance. (8.33% = 1 month, 12% = 45 days)
- Budget Balance Policy – Water & Wastewater Fund
  - #1 – The City will strive to maintain a minimum Budget Balance, of at least 8% and no greater than 17% of the current year operating revenues for the Water/Wastewater, excluding the carry forward balance. (17% = 2 months)
- Budget Balance Policy – Electric Fund
  - #1 – The City will strive to maintain a minimum Budget Balance, of at least 12% of the current year operating revenues for the Electric Fund, excluding the carry forward balance.

Policy Compliance (continued)

	General Fund		Water Utility	Wastewater Utility	Water/Wastewater Fund		Electric Fund
Revenus	$42,261,300		$6,459,700	$9,007,500	$15,467,200		$81,259,600
Expenses	(42,261,300)		(5,826,900)	(8,408,200)	(14,235,100)		(79,123,800)
Surplus/(Deficit)	$0		$632,800	$599,300	$1,232,100		$2,135,800
Ending Budget Balance	$4,493,900		$1,181,500	$1,280,500	$2,462,000		$15,218,200
% of Revenue	10.6%		18.3%	14.2%	15.9%		18.7%
Policy Requirement %	8% - 12%				8% - 17%		Min. 12%
Beginning Budget Balance	$4,493,900		$548,700	$681,200	$1,229,900		$13,082,400

City Revenue – Rates & Fees

- General Fund
  - ✓ No proposed changes
- Water/Wastewater Fund
  - ✓ No proposed changes
- Electric Fund
  - ✓ No proposed fee changes

All Major Operating Funds
Personnel

- Pay increases in accordance with collective bargaining agreements
- Proposed increase for Non-Bargaining employees 2.5%
- Total Headcount – Reduced 2 full-time with outsourcing janitors and added 2 part-time relief fire dispatchers with no budget impact
- General Fund was reduced ($48,900) for 1 full-time position for a Key Accounts position that is transferred to the Electric Fund $64,100 in this budget. The job description was revised to follow the recommendation of the American Public Power Association (APPA), the position was originally budgeted at Customer Service Representative.
- General Fund was reduced ($19,100) for 1 part-time position in Finance for budget preparation.
- Electric Fund added 1 part-time Engineering intern $10,600.
  - *(See Personnel Section and individual Division pages for details)*
- Personnel Cost Increases – $1,176,700 over the original FY16 budget
  - Salary and wages increased $1,021,100
  - Employer's benefit cost increased $155,600 as follows
    - FICA $119,300
    - Health Care Premiums $260,400
    - Worker's Compensation $213,300 (Phasing in new rates over 3 years, 2nd year)
    - Pension $56,100 (The affects of the actuarial valuation by Fund was presented earlier in the year)
    - Other Post Employment Benefits (retirement medical) ($493,500) (Actuarial valuation presented earlier)
- Aggregates all vacation sell-back, retirement payouts, and education assistance in Other Employment Expenses

General Fund Revenues

- Revenue increase over FY16 original Budget – $934,200 or 2.3%

- Major increases/(decreases) affecting revenues
  - Transfer Taxes – $332,700 (average last 3 years)
  - Extra Duty Grant Revenue – $184,200
  - Planning/Inspections Permits & Fees – $225,800
  - Municipal Street Aid – $108,900
  - Fines & Police Revenue – $61,000
  - Investment Income - $55,000
  - Library Revenues & County Reciprocal Borrowing – ($137,400)
  - Verizon Grant – ($50,000)

General Fund Expenditures

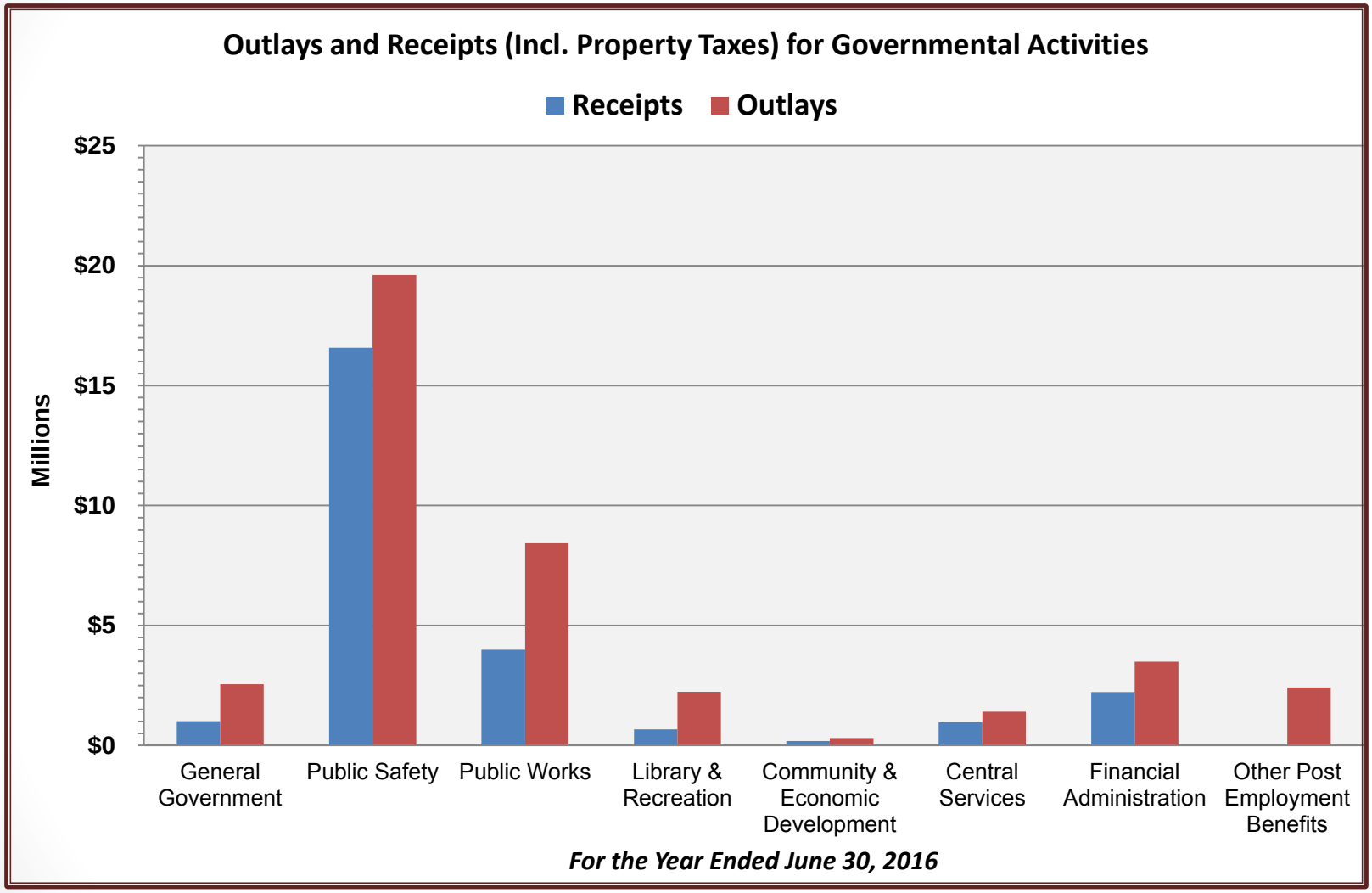
- Expense increase over FY16 Original Budget – $1,060,000 or 2.6%

- Major increases/(decreases) affecting expenditures (+/- 5.0%)

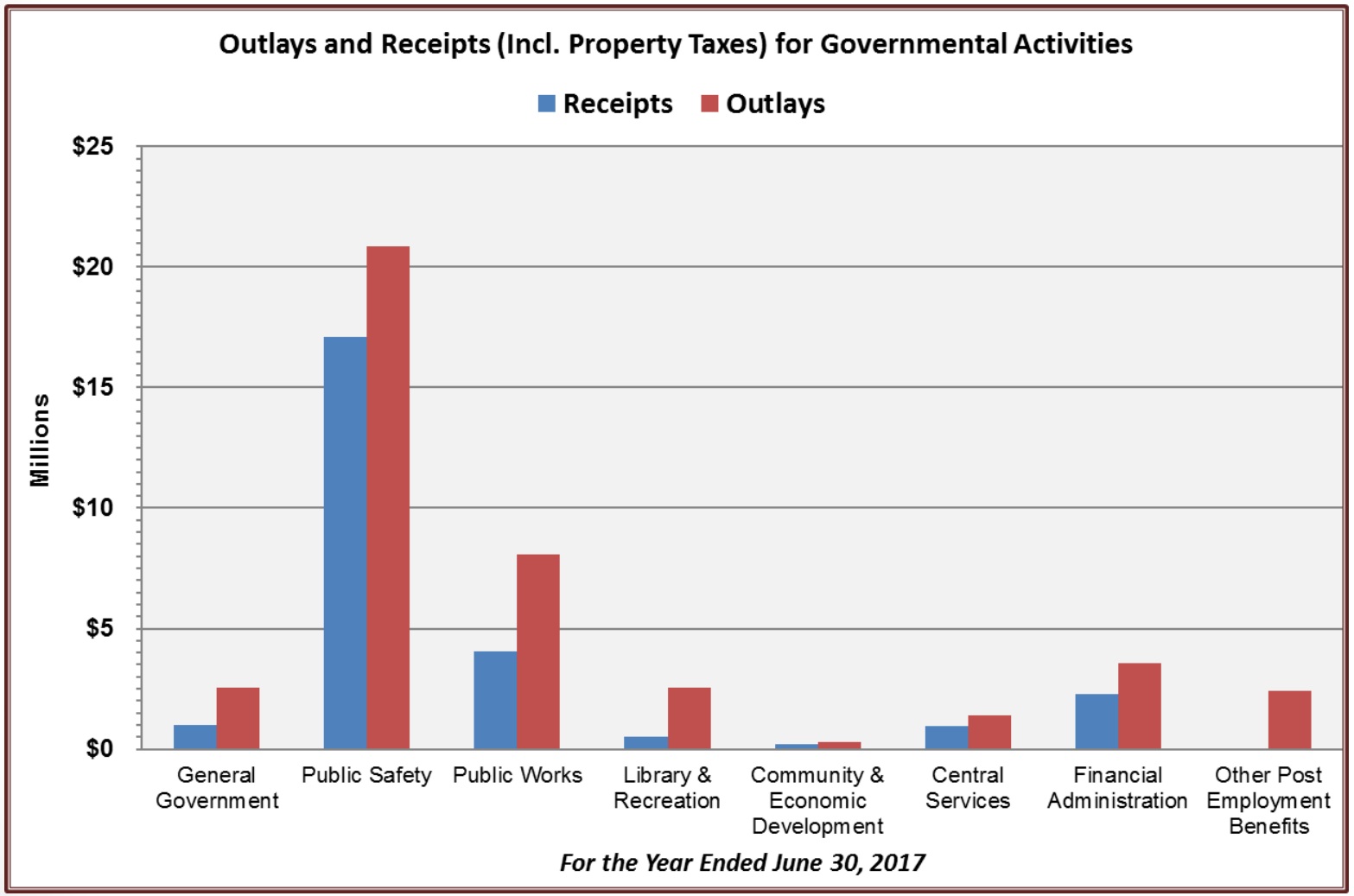
  (see Division summaries for details)

  - Council – $26,000
  - City Clerk – $28,900
  - Library - $125,000
  - Law Enforcement – $932,600
  - Police Extra Duty – $181,200
  - Streets - $489,000
  - Sanitation – ($125,100)
  - City Manager – ($66,800)
  - Public Works Administration – $53,200
  - Facilities Maintenance – ($100,400)
  - Public Works Engineering – $25,600
  - Retiree Health Care Premiums – $144,100
  - Other Employment Expenses – ($127,900) *
  - Transfer to the Capital Project Fund – ($766,000)
  - Appropriation to Police Pension Fund - $100,000

FY16 Adopted Budget - General Fund Program Receipts & Expenditures



FY17 Proposed Budget - General Fund Program Receipts & Expenditures



Property Taxes

CITY OF DOVER
PROPERTY ASSESSMENT PROJECTION
2016 BASE YEAR

TOTAL ASSESSED VALUE AS OF DECEMBER 31, 2015		$3,075,403,900
Supplemental Billing (April) & new construction estimated to be complete by June	**Estimate Only**	15,000,000
Annual Appeals (Exemption Requests that have been submitted)	**Estimate Only**	(9,200,000)
(Habitat for Humanity; Whatcoat; open space - estimate based on previous year)		
Senior Citizen/Disability Exemption(approx 425 approved; revenue loss $89,100)	**Estimate Only**	(22,000,000)
TAXABLE ASSESSED VALUE		$3,059,203,900

CITY OF DOVER
PROJECTED PROPERTY TAX RECEIPTS
7/01/16 - 6/30/17

	Rate
	$0.4050
Using a tax rate of $0.4050 per $100 of assessment, the estimated gross 7/01/16 billing will be	$12,389,800
Penalties	70,000
Estimated Quarterly Billing	22,000
PROJECTED PROPERTY TAX RECEIPT SUBTOTAL	**$12,481,800**
BID 1 - Using a rate of $0.0644 per $100 of assessment, the estimated gross 7/01/16 billing will be	$24,700
BID 2 - Using a rate of $0.0325 per $100 of assessment, the estimated gross 7/01/16 billing will be	19,700
BID 3 - Using a rate of $0.0128 per $100 of assessment, the estimated gross 7/01/16 billing will be	4,600
PROJECTED BID RECEIPT TOTAL	**$49,000**
Pay In Lieu of Taxes	
Luther Towers $27,200; State of Delaware $312,200;	$402,100
Delaware State Housing Authority $5,200; Dover Housing Authority $50,000	
Walker Woods $7,500; Farmland Roll Back Taxes	
PROJECTED PROPERTY TAX RECEIPTS FOR FY 2017	**$12,932,900**
$0.01 of tax rate equates to: **$305,920.39**	

City of Dover, Delaware
Computation of Legal Debt Margin
General Obligation Bonds
(amounts expressed in thousands)

	Estimated 2017	Estimated 2016	2015	2014	2013	2012	2011	2010
Debt Limit	$ 152,960	$ 152,516	$ 158,485	$ 157,995	$ 159,075	$ 158,465	$ 156,832	$ 145,351
Net (Taxable) Assessed Value on Books	3,059,204	3,050,322	3,169,707	3,159,894	3,181,496	3,169,308	3,136,639	2,907,011
Total net debt applicable to limit	7,926	8,587	7,337	4,050	4,479	1,550	1,820	2,080
Legal Debt Margin		$ 143,929	$ 151,148	$ 153,945	$ 154,596	$ 156,915	$ 155,012	$ 143,271
Total Net Debt applicable to limit as a percentage of debt limit	5.18%	5.63%	4.63%	2.56%	2.82%	0.98%	1.00%	1.44%

Legal Debt Margin Calculation for Fiscal Year 2017

Net (Taxable) Assessed Value on Books	$ 3,059,204	$ 3,050,322	$ 3,169,707	$ 3,159,894	$ 3,181,496	$ 3,169,308
Debt Limit - 5 Percent of Total Assessed Value	$ 152,960	$ 152,516	$ 158,485	$ 157,995	$ 159,075	$ 158,465
DEBT (For which the City's full faith and credit has been pledged)						
Gross Bonded Debt	7,926	8,587	7,337	4,050	4,479	1,550
LEGAL DEBT MARGIN	$ 145,034	$ 143,929	$ 151,148	$ 153,945	$ 154,596	$ 156,915

IMPORTANT NOTE: The Total Net Debt applicable to the debt limit includes the remaining Series 2014 A & B Bonds (PNC) and the 2012 Bonds (PNC)

Source: City of Dover Financial Reports, City of Dover Charter, Section 50(b), and Tax Assessor's Office

New Bonds without referendum cannot exceed 1/4 of 1% of taxable assessed value and shall not cause the total aggregate principal outstanding at any one time to exceed 1% of total taxable assessment for a general tax at the time of issue or $7,648,000 based on the 2017 Estimate.

Water/Wastewater Fund

- Revenue decrease over FY16 Budget – ($260,500) or -1.7%
- Expenses decrease over FY16 Budget – ($1,015,900) or -6.7%

- Major increases/(decreases) affecting revenues
  - Water Service fees – ($400,000) (related to Garrison Energy Center)
  - Wastewater Service Fees – $72,000
  - Wastewater Treatment Fees – ($26,500)
  - Groundwater Inflow Adjustment – $73,700

- Major increases/(decreases) affecting expenses
  - Water Treatment Plant – ($182,600) electricity and chemicals attributed Garrison Energy Center
  - Internal Service allocations – $161,100
  - Debt Service – $95,100 SRF Loans
  - Transfer to Contingency Reserves - $138,000 to comply with policy
  - Capital Project Appropriations – ($1,300,000)
    - Bond financing several projects

Electric Fund

- Revenue decrease over original FY16 Budget – $2,276,400) or -2.7%
- Expense decrease by ($1,444,900) or -1.8%

- Major contributing factors to revenues
  - Prior year included a transfer from the Rate Stabilization Reserve – $3,000,000 that is not included in the FY17 Proposed Budget
  - Customer sales - increase of $712,000

- Major contributing factors to expenses
  - Power Supply –
    - Power Supply Cost decreased ($2,846,400)
    - Capacity Credits (generating revenue) decreased by ($3.1 million) – offsetting the power supply decrease

    Net of Generation Revenue ($1,293,200) under FY15 Budget
  - Division expenses ($470,400) – attributed to significant decreases in pension and OPEB cost for the Electric Fund
  - Utility Bank & Credit Card Fees increase $32,700
  - Internal service allocations – $265,200
  - Debt Service decrease – ($1,784,000) (2010 Bonds paid in full)
  - OPEB Appropriation to fully fund prior liability calculation removed – ($1,030,000)
  - Transfers to other accounts as follows –
    - Transfer to Capital Projects – decreased $1.0 million (FY16 included $2.1 million transfer from Bond Reserve)
    - Transfer to Depreciation and & Future Capacity Reserves $1.5M for land acquisition for DAFB Substation
    - Transfer to Rate Stabilization Reserve to cover potential power supply fluctuations or forced outage penalties

City of Dover
Major Rate & Fee Trends

GENERAL FUND	Actual 2007/08	Actual 2008/09	Actual 2009/10	Actual 2010/11	Actual 2011/12	Actual 2012/13	Actual 2013/14	Actual 2014/15	Budget 2015/16	Budget 2016/17
Rolled Back/(Up) Property Tax Rate @ 100% value				*$0.3108*					*($0.3499)*	
Property Tax Rate Approved	$0.3300	$0.3300	$0.3300	*$0.3378*	$0.3378	$0.3378	$0.3378	$0.3378	*$0.4050*	*$0.4050*
Property Tax Rate Increase Proposed for revenue requirement									$0.0551	
Property Tax Rate Increase/(Decrease) (excluding 100% rollback/up)				$0.0270					$0.0121	
Trash Fees (in City) - implemented FY2000	$5.85	$5.85	$5.85	$11.70	$11.70	$17.00	$17.00	$17.00	$17.00	$17.00
Trash Fees (outside City)	$23.00	$29.00	$29.00	$42.75	$42.75	$42.75	$42.75	$42.75	$42.75	$42.75
Transfer from Electric Utility	7.2%	6.6%	6.5%	8.0%	8.0%	$8 million	$8 million	$10 million	$10 million	$10 million
% of Electric Fund Revenues						8.3%	9.6%	12.5%	12.2%	12.3%
% of General Fund Revenues						22.3%	22.5%	25.7%	23.9%	23.7%
Transfer from Water/Wastewater Utility	4.6%	5.0%	4.5%	0.0%	4.5%	$500,000	$500,000	$500,000	$850,000	$875,000
% of Water/Wastewater Fund Revenues						3.7%	3.6%	3.4%	5.7%	5.6%
% of General Fund Revenues						1.4%	1.4%	1.3%	2.0%	1.2%
WATER/WASTEWATER FUND										
Water per 1,000 gal	$2.45	$2.45	$2.70	$3.00	$3.00	$3.00	$3.00	$3.00	$3.00	$3.00
Water per 1,000 gal (Outside City)	$3.68	$3.68	$4.05	$4.50	$4.50	$4.50	$4.50	$4.50	$4.50	$4.50
Water Flat Rate Charge (new source)	$1.25	$1.25	$1.25	$1.25	$1.25	$1.25	$1.25	$2.50	$2.50	$2.50
Wastewater per 1,000 gal. Charge	$2.10	$2.10	$2.10	$2.65	$2.65	$2.65	$2.65	$2.65	$2.65	$2.65
Wastewater per 1,000 gal (Outside City)	$3.15	$3.15	$3.15	$3.98	$3.98	$3.98	$3.98	$3.98	$3.98	$3.98
Wastewater Flat Rate Charge (new source)	$1.25	$1.25	$1.25	$1.25	$1.25	$1.25	$1.25	$2.50	$2.50	$2.50
Kent County Sewer Treatment Fee - Rate set by County	$2.34	$2.34	$2.34	$2.34	$2.34	$2.34	$2.34	$2.34	$2.34	$2.34
Kent County Sewer Adjustment (new source for I & I - City)				$1.05	$1.05	$1.05	$1.05	$1.50	$1.50	$1.50
ELECTRIC FUND										
Residential Rate Changes (includes any PCA adj.)	$0.1343	$0.1450	$0.1450	$0.1407	$0.1364	$0.1316	$0.1204	$0.1204	$0.1203	$0.1203
Increase %	10.3%	8.0%	0.0%	-3.0%	-3.1%	-3.5%	-8.5%	0.0%	-0.1%	0.0%
Electric Fund Customer Charge	$5.00	$5.00	$5.00	$5.00	$5.00	$5.00	$5.00	$5.00	$7.50	$8.50
Reconnect Fees	$50 - $100	$50 - $100	$50 - $100	$50 - $100	$50 - $100	$50 - $100	$50 - $100	$50 - $100	$50 - $100	$50 - $100
Return Check Fees	$25	$25	$25	$25	$25	$25	$25	$25	$40	$40

Fund Summaries & Reserve Accounts

- All Funds Summary
- General Fund
- Water/Wastewater Fund
- Electric Fund
- Charter Article IV Sec44 & Financial Policies

City of Dover
All Funds Summary
Fiscal 2017 Proposed Budget

Fund or Reserve Account	Beginning Balances	Revenues/ Transfers In	Expenses/ Transfers Out	Ending Balances
General Fund				
Operating Fund	$ 4,493,900	$ 42,261,300	$ (42,261,300)	$ 4,493,900
Contingency Account	731,000	10,000	-	741,000
Capital Project Fund	383,900	2,049,400	(2,044,400)	388,900
Capital Asset Reserve	1,022,700	6,000	-	1,028,700
Parkland Reserve	324,900	3,000	(80,000)	247,900
Total General Fund	6,956,400	44,329,700	(44,385,700)	6,900,400
Water/Wastewater Fund				
Operating Fund	1,229,900	15,467,200	(14,235,100)	2,462,000
Contingency Account	329,600	172,500	-	502,100
I & E Fund	2,132,500	5,706,000	(4,590,400)	3,248,100
Capital Asset Reserve	1,028,000	7,800	-	1,035,800
Impact Fee Reserve	2,021,600	15,400	(402,000)	1,635,000
Total Water Fund	6,741,600	21,368,900	(19,227,500)	8,883,000
Electric Fund				
Operating Fund	13,082,400	81,259,600	(79,123,800)	15,218,200
Contingency Account	841,900	6,400	-	848,300
Insurance Reserve	756,300	5,700	-	762,000
Rate Stabilization Reserve	7,207,100	1,304,800	-	8,511,900
I & E Fund	5,349,700	3,445,000	(5,770,300)	3,024,400
Depreciation Reserve	10,083,600	826,600	-	10,910,200
Future Capacity Reserve	10,134,700	827,000	-	10,961,700
Total Electric Fund	47,455,700	87,675,100	(84,894,100)	50,236,700
Less:				
Interfund Operating Transfers		(10,875,000)	10,875,000	
Capital and Reserve Transfers		(6,841,400)	6,841,400	
Interfund Allocations		5,218,700	(5,218,700)	
Subtotal Major Operating Funds	61,153,700	140,876,000	(136,009,600)	66,020,100
Workers Compensation	1,256,300	880,400	(644,500)	1,492,200
Community Transportation Fund	92,100	500,000	(500,000)	92,100
Police Grants	642,700	319,000	(720,100)	241,600
Library Grants	17,300	308,000	(325,300)	-
CDBG	2,100	272,800	(272,500)	2,400
Total All Funds & Reserves	$ 63,164,200	$ 143,156,200	$ (138,472,000)	$ 67,848,400

Notes: Special Revenue Funds with receipts that pass over to the General Fund are not individually included. These are Municipal Street Aid, Civil Traffic Penalties, and Transfer Taxes.

GENERAL FUND
CASH RECEIPT SUMMARY

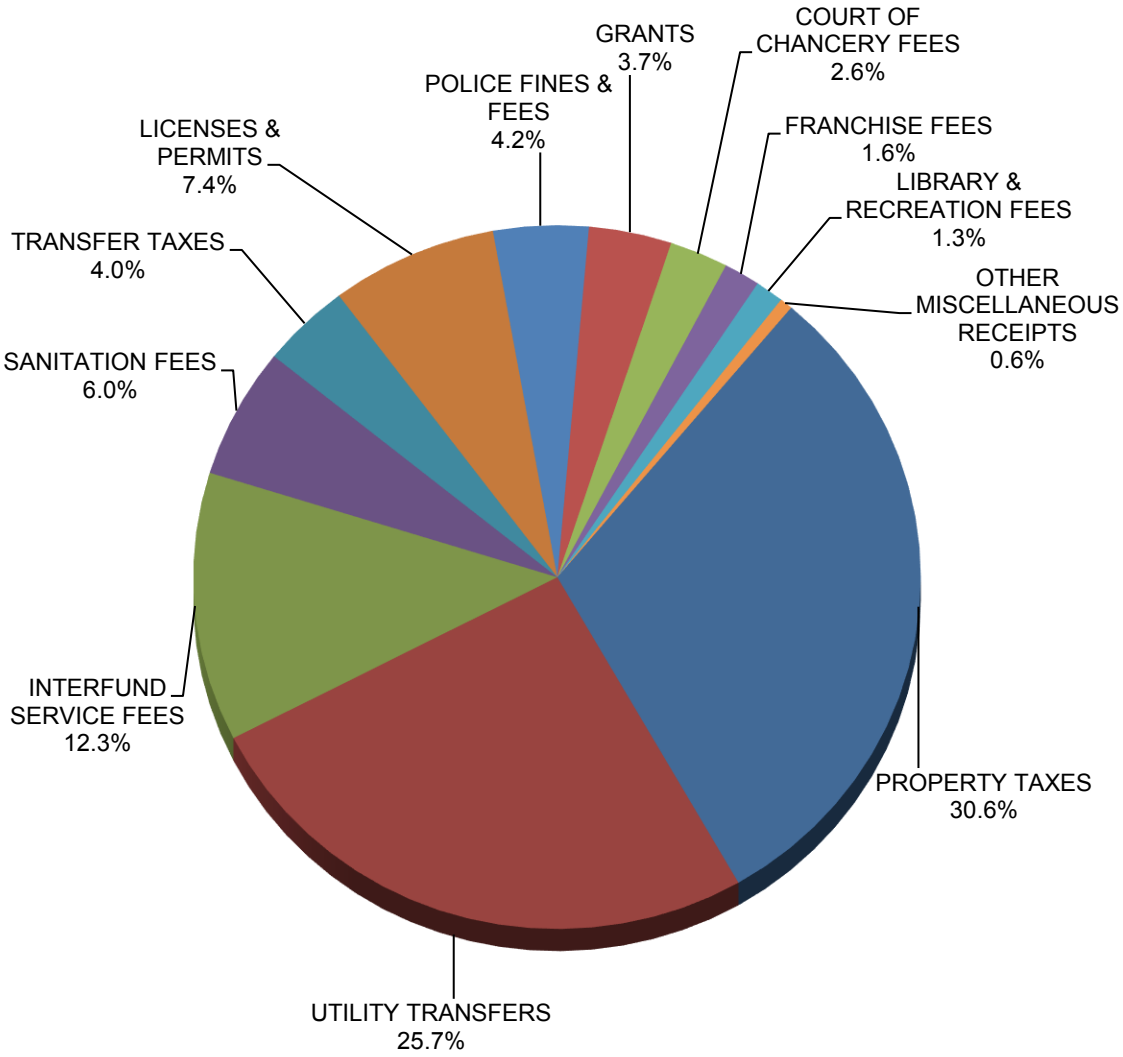
		2014/15 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 PROPOSED	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	% CHG FY17 VS FY16
1	**BEGINNING BALANCE**	**4,362,491**	**3,977,500**	**4,820,400**	**4,529,400**	**551,900**	**13.9%**
2	FINES AND POLICE REVENUE	666,694	702,300	651,400	763,300	61,000	**8.7%**
3	LIBRARY REVENUES	68,056	72,000	67,000	70,300	(1,700)	**-2.4%**
4	KENT COUNTY BOOK REIMBURSEMENT	412,767	450,000	312,600	312,600	(137,400)	**-30.5%**
5	BUSINESS LICENSES	1,403,100	1,425,000	1,472,000	1,467,000	42,000	**2.9%**
6	PERMITS AND OTHER FEES	1,490,182	1,436,300	1,436,300	1,662,100	225,800	**15.7%**
7	MISCELLANEOUS CHARGES	135,415	22,700	56,600	56,800	34,100	**150.2%**
8	POLICE EXTRA DUTY	503,043	533,000	461,500	525,000	(8,000)	**-1.5%**
9	PROPERTY TAXES	11,176,763	12,894,200	12,833,500	12,932,900	38,700	**0.3%**
10	RECREATION REVENUE	149,318	149,000	149,000	150,000	1,000	**0.7%**
11	FRANCHISE FEE	683,354	672,300	682,300	680,000	7,700	**1.1%**
12	SANITATION FEES	2,578,892	2,580,000	2,530,000	2,538,300	(41,700)	**-1.6%**
13	RENT REVENUE - GARRISON FARM	92,294	93,700	93,900	94,500	800	**0.9%**
14	COURT OF CHANCERY FEES	1,118,680	1,065,100	1,090,400	1,100,000	34,900	**3.3%**
15	INVESTMENT INCOME	29,326	35,000	140,000	90,000	55,000	**157.1%**
16	**RECEIPTS SUBTOTAL**	**20,507,884**	**22,130,600**	**21,976,500**	**22,442,800**	**312,200**	**1.4%**
17	**INTERFUND SERVICE RECEIPTS**						
18	INTRAFUND SERVICE RECEIPTS W/WW	1,341,640	1,492,700	1,417,400	1,653,800	161,100	**10.8%**
19	INTRAFUND SERVICE RECEIPTS ELECTRIC	3,478,806	3,738,500	3,573,500	3,564,900	(173,600)	**-4.6%**
20	**INTERFUND SERVICE RECEIPTS SUBTOTAL**	**4,820,446**	**5,231,200**	**4,990,900**	**5,218,700**	**(12,500)**	**-0.2%**
21	**GRANTS:**						
22	POLICE RELATED/EXTRA DUTY	127,130	74,400	172,700	258,600	184,200	**247.6%**
23	POLICE PENSION GRANT	629,910	500,000	500,000	500,000	-	**0.0%**
24	GREEN ENERGY GRANT	98,500	98,500	98,500	98,500	-	**0.0%**
25	MISC GRANT REVENUE	5,494	25,000	25,000	25,000	-	**0.0%**
26	VERIZON RESERVE	-	50,000	50,000	-	(50,000)	**-100.0%**
27	**GRANTS SUBTOTAL**	**861,034**	**747,900**	**846,200**	**882,100**	**134,200**	**17.9%**
28	**TRANSFERS FROM:**						
29	TRANSFER TAX	1,713,788	1,340,000	2,090,200	1,672,700	332,700	**24.8%**
30	MUNICIPAL STREET AID	664,266	564,200	673,100	673,100	108,900	**19.3%**
31	CIVIL TRAFFIC PENALTIES	495,182	450,000	480,000	496,900	46,900	**94.4%**
32	WATER/WASTEWATER	500,000	850,000	850,000	875,000	25,000	**0.0%**
33	ELECTRIC	10,000,000	10,000,000	10,000,000	10,000,000	-	**0.0%**
34	OTHER RESERVES	58,733	13,200	13,200	-	(13,200)	**-100.0%**
35	2003 GO BOND REDEMPTION	475,000	-	-	-	-	**0.0%**
36	**TRANSFERS FROM SUBTOTAL**	**13,906,969**	**13,217,400**	**14,106,500**	**13,717,700**	**500,300**	**3.8%**
37	**TOTAL REVENUES**	**40,096,333**	**41,327,100**	**41,920,100**	**42,261,300**	**934,200**	**2.3%**
38	**TOTAL BEGINNING BALANCE & REVENUE**	**44,458,824**	**45,304,600**	**46,740,500**	**46,790,700**	**1,486,100**	**3.3%**

GENERAL FUND
EXPENSE SUMMARY

		2014/15 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 PROPOSED	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	% CHG FY17 VS FY16
1	**DEPARTMENT EXPENSES:**						
2	CITY CLERK	377,564	383,400	382,800	412,300	28,900	**7.5%**
3	COUNCIL	92,870	118,100	113,600	144,100	26,000	**22.0%**
4	TAX ASSESSOR	303,440	234,800	239,800	244,000	9,200	**3.9%**
5	FIRE	681,170	745,400	735,400	721,700	(23,700)	**-3.2%**
6	GROUNDS MAINTENANCE	952,159	1,210,300	1,133,000	1,201,300	(9,000)	**-0.7%**
7	LIBRARY	1,380,437	1,510,000	1,456,000	1,635,000	125,000	**8.3%**
8	RECREATION	658,615	729,500	723,200	747,900	18,400	**2.5%**
9	LIFE SAFETY	504,840	482,200	479,800	485,200	3,000	**0.6%**
10	CODE ENFORCEMENT	392,859	419,400	412,700	421,100	1,700	**0.4%**
11	PLANNING	450,400	534,000	532,800	546,800	12,800	**2.4%**
12	INSPECTIONS	581,480	664,700	749,000	697,900	33,200	**5.0%**
13	ECONOMIC DEVELOPMENT	226,308	238,000	245,000	237,700	(300)	**-0.1%**
14	POLICE	14,789,684	15,159,000	15,921,400	16,091,600	932,600	**6.2%**
15	POLICE EXTRA DUTY	557,432	602,400	634,200	783,600	181,200	**30.1%**
16	STREETS	543,832	674,500	658,500	1,163,500	489,000	**72.5%**
17	SANITATION	2,185,408	2,157,900	2,151,100	2,032,800	(125,100)	**-5.8%**
18	CITY MANAGER	553,558	750,300	909,300	683,500	(66,800)	**-8.9%**
19	INFORMATION TECHNOLOGY	730,046	704,800	625,500	716,300	11,500	**1.6%**
20	FINANCE	946,618	978,500	990,200	1,008,600	30,100	**3.1%**
21	PUBLIC WORKS - ADMINISTRATION	522,935	626,800	580,300	680,000	53,200	**8.5%**
22	FACILITIES MANAGEMENT	688,162	707,500	692,200	607,100	(100,400)	**-14.2%**
23	PUBLIC WORKS - ENGINEERING	26,996	181,400	173,400	207,000	25,600	**14.1%**
24	PROCUREMENT & INVENTORY	534,298	560,200	569,300	585,100	24,900	**4.4%**
25	FLEET MAINTENANCE	786,500	768,500	760,000	776,300	7,800	**1.0%**
26	CUSTOMER SERVICE	1,045,588	1,120,100	1,082,000	1,143,800	23,700	**2.1%**
27	HUMAN RESOURCES	361,384	383,900	376,700	392,500	8,600	**2.2%**
28	MAYOR	77,861	76,100	76,100	74,000	(2,100)	**-2.8%**
29	**DEPARTMENT SUBTOTALS**	**30,952,444**	**32,721,700**	**33,403,300**	**34,440,700**	**1,719,000**	**5.3%**
30	**OTHER EXPENDITURES:**						
31	DEBT SERVICE	962,312	660,800	669,400	685,300	24,500	**3.7%**
32	CONTRIBUTION TO DDP	70,000	70,000	70,000	70,000	-	**0.0%**
33	MISCELLANEOUS GRANT RELATED EXP	-	25,000	25,000	25,000	-	**0.0%**
34	INSURANCE	674,775	690,000	690,000	700,000	10,000	**1.4%**
35	RETIREES HEALTH CARE	1,636,500	1,895,600	1,567,700	2,039,700	144,100	**7.6%**
36	OTHER EMPLOYMENT EXPENSES	-	520,100	52,000	392,200	(127,900)	**-24.6%**
37	BANK & CREDIT CARD FEES	-	15,000	10,600	15,000	-	**0.0%**
38	UNCOLLECTIBLES - TRASH AND OTHER	50,113	50,000	50,000	50,000	-	**0.0%**
39	STREET LIGHTS	775,197	797,700	797,700	804,000	6,300	**0.8%**
40	NEW STREET PROPERTIES ACQUISITIONS	-	-	240,400	-	-	**0.0%**
41	**OTHER EXPENSE SUBTOTAL**	**4,168,897**	**4,724,200**	**4,172,800**	**4,781,200**	**57,000**	**1.2%**
42	**TRANSFERS**						
43	TRANSFER TO CAPITAL ASSET RESERVE	60,000	-	229,600	-	-	**0.0%**
44	TRANSFER TO CAPITAL FUND - PROJECTS	2,196,000	2,625,400	2,625,400	1,859,400	(766,000)	**-29.2%**
45	APPROP. TO THE POLICE PENSION FUND	755,000	570,000	676,500	670,000	100,000	**17.5%**
46	APPROP. POLICE PENSION - STATE GRANT	629,910	500,000	500,000	500,000	-	**0.0%**
47	APPROP. TO THE GENERAL PENSION FUND	543,000	-	594,300	-	-	**0.0%**
48	TRANSFER TO CONTINGENCY RESERVE	300,000	-	-	-	-	**0.0%**
49	TRANSFER TO PARKLAND RESERVE	25,000	-	-	-	-	**0.0%**
50	TRANSFER TO OTHER/VERIZON RESERVE	-	50,000	50,000	-	(50,000)	**-100.0%**
51	TRANSFER TO INVENTORY WRITE-OFFS	-	10,000	10,000	10,000	-	**0.0%**
52	**TRANSFERS SUBTOTAL**	**4,508,910**	**3,755,400**	**4,685,800**	**3,039,400**	**(716,000)**	**-19.1%**
53	**TOTAL EXPENDITURES**	**39,630,251**	**41,201,300**	**42,261,900**	**42,261,300**	**1,060,000**	**2.6%**
54	**BUDGET BALANCE**	**4,828,573**	**4,103,300**	**4,493,900**	**4,493,900**	**390,600**	**9.5%**
55	**TOTAL BUDGET BALANCE & EXPENDITURES**	**44,458,824**	**45,304,600**	**46,755,800**	**46,755,200**	**1,450,600**	**3.2%**
56	EXCEEDS/(REMAINS)TO MEET REQUIREMENT	1,620,900	797,100	1,139,100	1,113,000		

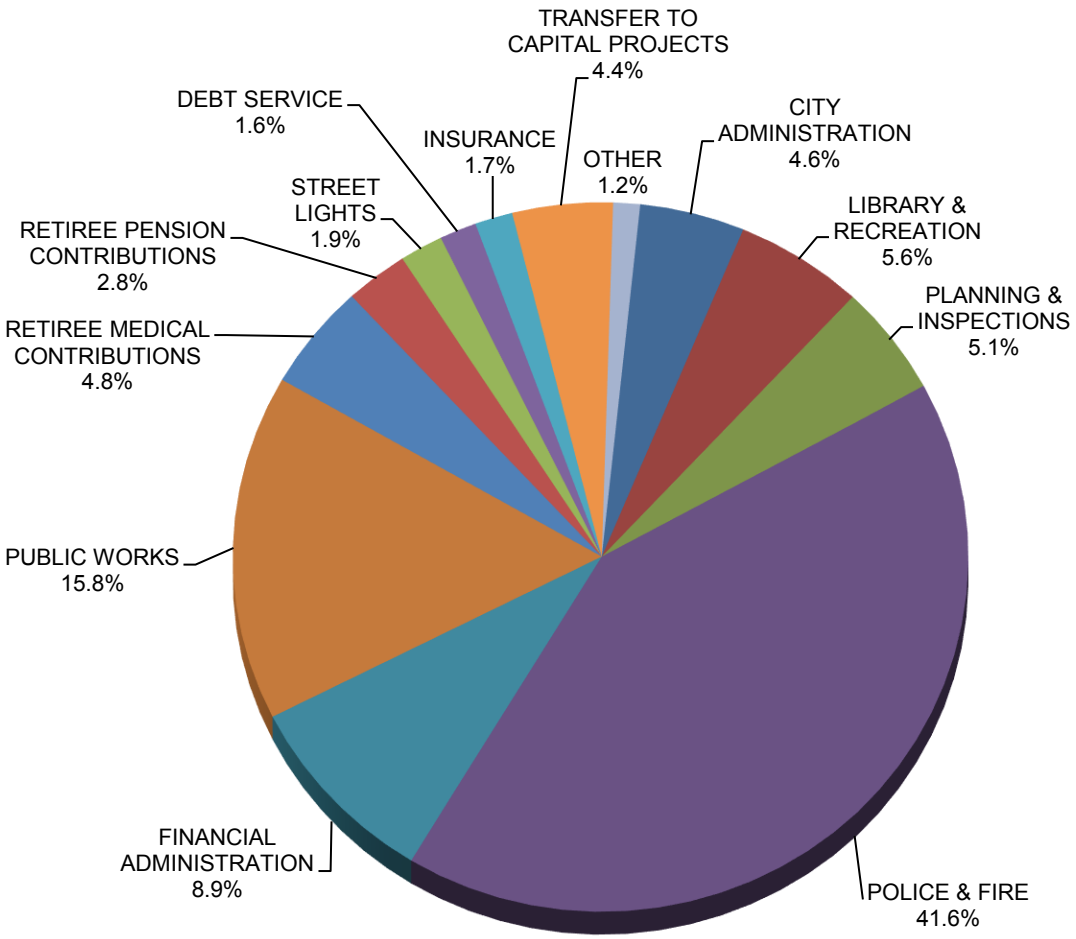
		2014/15 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 PROPOSED	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	POLICY
57	**RESERVE BALANCES**						
58	CONTINGENCY	720,334	467,900	731,000	741,000	10,000	$700K

Fiscal Year 2016/2017
General Fund Revenue



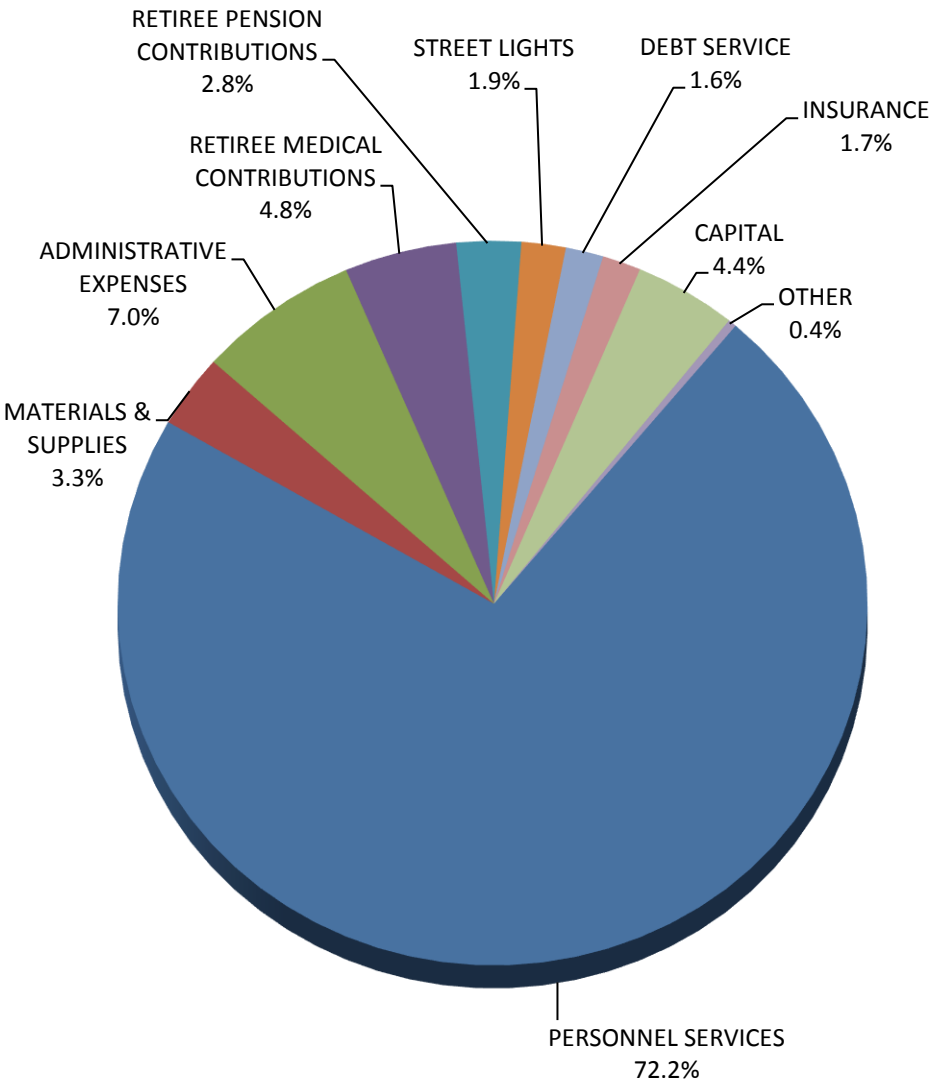
Fiscal Year 2016/2017
General Fund Expenditures

By Major Function

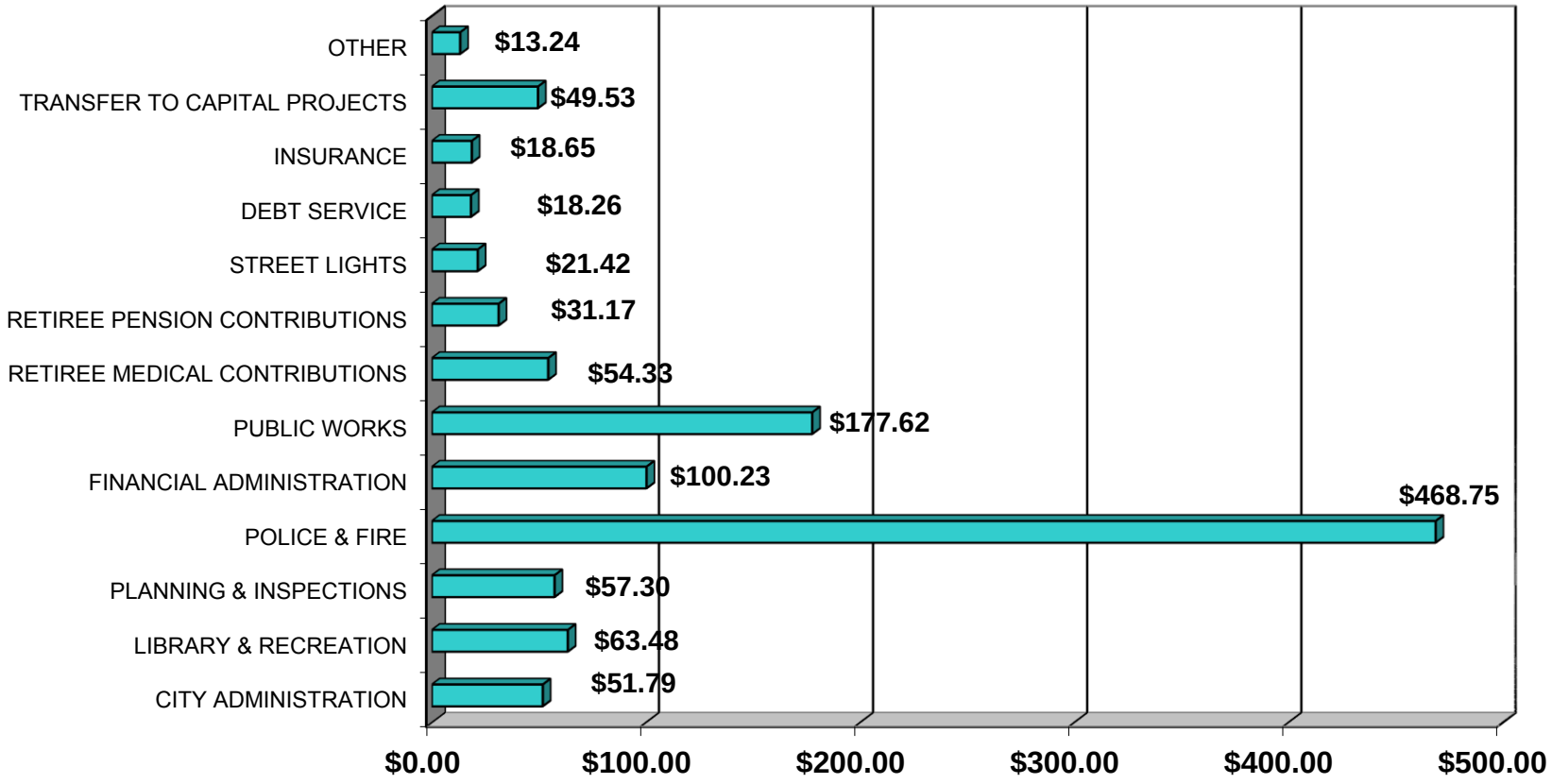


Several General Fund Departments service all City operations. The General Fund bills the utility funds services provided. The receipts are reported as revenue in the General Fund and not netted against the expenditures.

Fiscal Year 2016/2017
General Fund Expenditures
By Expenditure Category



PROJECTED COST PER CAPITA BY FUNCTION
Fiscal Year 2016-2017



Total per capita based on population estimate of 37,540 = $1,125.77

GOVERNMENTAL CAPITAL PROJECTS FUND SUMMARY

		2014/15 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 PROPOSED	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	% CHG FY17 VS FY16
1	**BEGINNING BALANCE - PROJECTS**	**2,654,625**	**154,800**	**2,926,700**	**383,900**	**229,100**	**148.0%**
2	**REVENUES**						
3	STATE GRANTS - Other	70,609	-	80,500	105,000	105,000	**0.0%**
4	BUDGET BOND/BANK PROCEEDS	3,660,000	-	-	-	-	**0.0%**
5	INCOME FROM SALE OF ASSETS	86,491	20,300	120,800	-	(20,300)	**-100.0%**
6	MISCELLANEOUS RECEIPTS	-	-	74,700	-	-	**0.0%**
7	INTEREST EARNINGS	1,773	5,000	5,000	5,000	-	**0.0%**
8	TRANSFER FROM GENERAL FUND	2,196,000	2,625,400	2,625,400	1,859,400	(766,000)	**-29.2%**
9	TRANSFER FROM PARKLAND RESERVE	104,000	-	-	80,000	80,000	**0.0%**
10	**SUBTOTAL CAPITAL PROJECT FUNDING SOURCES**	**6,118,873**	**2,650,700**	**2,906,400**	**2,049,400**	**(601,300)**	**-22.7%**
11	**TOTAL BEGINNING BALANCE & FUNDING SOURCES**	**8,773,498**	**2,805,500**	**5,833,100**	**2,433,300**	**(372,200)**	**-13.3%**
12	**EXPENDITURES**						
13	FIRE	526,617	145,600	445,800	145,700	100	**0.1%**
14	GROUNDS	65,947	201,100	185,200	58,200	(142,900)	**-71.1%**
15	RECREATION	207,323	-	73,900	165,000	165,000	**0.0%**
16	LIFE SAFETY	-	55,700	55,700	29,500	(26,200)	**-47.0%**
17	POLICE	581,012	262,100	302,700	299,800	37,700	**14.4%**
18	STREETS	3,597,163	1,428,500	3,735,000	1,026,000	(402,500)	**-28.2%**
19	SANITATION	247,858	449,000	449,000	261,500	(187,500)	**-41.8%**
20	CITY MANAGER	-	24,700	24,700	-	(24,700)	**-100.0%**
21	FACILITIES MANAGEMENT	-	-	-	27,700	27,700	**0.0%**
22	PROCUREMENT & INVENTORY	49,672	-	-	-	-	**0.0%**
23	FLEET MAINTENANCE	-	84,000	84,500	31,000	(53,000)	**-63.1%**
24	**DEPARTMENT SUBTOTAL**	**5,275,592**	**2,650,700**	**5,356,500**	**2,044,400**	**(606,300)**	**-22.9%**
25	**TRANSFERS & MISCELLANEOUS EXPENSES**						
26	BOND/LOAN ISSUANCE COST	60,668	-	-	-	-	**0.0%**
27	TRANSFER TO PARKLAND RESERVE	180,000	-	-	-	-	**0.0%**
28	TRANSFER TO CAPITAL ASSET RESERVE	330,500	-	92,700	-	-	**0.0%**
29	**TRANSFERS & MISCELLANEOUS SUBTOTAL**	**571,168**	**-**	**92,700**	**-**	**-**	**0.0%**
30	**TOTAL EXPENDITURES**	**5,846,760**	**2,650,700**	**5,449,200**	**2,044,400**	**(606,300)**	**-22.9%**
31	BUDGET BALANCE	2,926,738	154,800	383,900	388,900	234,100	**151.2%**
32	**TOTAL BUDGET BALANCE & EXPENDITURES**	**8,773,498**	**2,805,500**	**5,833,100**	**2,433,300**	**(372,200)**	**-13.3%**

	RESERVE BALANCES	2014/15 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 PROPOSED	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	POLICY
33	CAPITAL ASSET RESERVE	915,129	512,300	1,022,700	1,028,700	6,000	Min $500K
34	PARKLAND/RECREATION	320,796	304,800	324,900	247,900	(77,000)	N/A

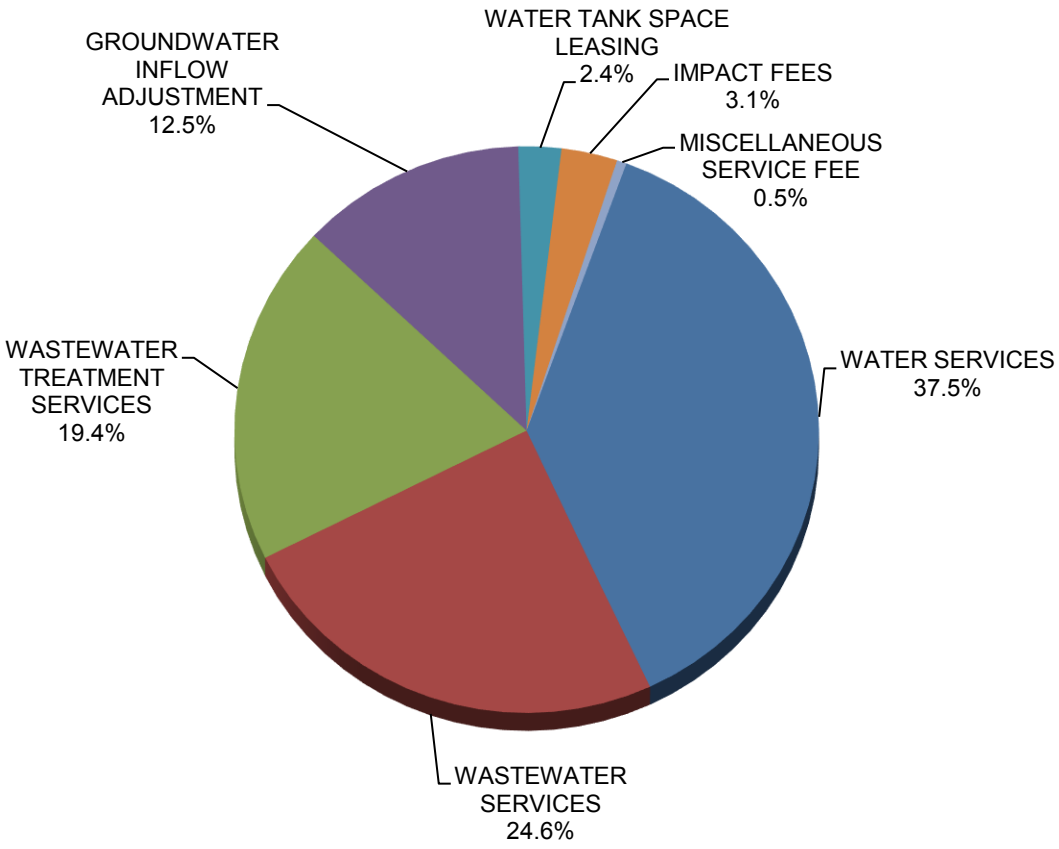
WATER/WASTEWATER FUND SUMMARY

		2014/15 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 PROPOSED	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	% CHG FY17 VS FY16
1	BEGINNING BALANCE - WATER	550,768	861,600	1,072,900	566,700	(294,900)	**-34.2%**
2	BEGINNING BALANCE - WASTEWATER	69,989	293,400	206,900	663,200	369,800	**126.0%**
3	**TOTAL BEGINNING BALANCES**	**620,757**	**1,155,000**	**1,279,800**	**1,229,900**	**74,900**	**6.5%**
4	**BASE REVENUE:**						
5	WATER SERVICES	4,889,046	6,200,000	5,366,600	5,800,000	(400,000)	**-6.5%**
6	WASTEWATER SERVICES	3,735,855	3,728,000	3,823,800	3,800,000	72,000	**1.9%**
7	WASTEWATER TREATMENT SERVICES	2,952,857	3,026,500	2,997,600	3,000,000	(26,500)	**-0.9%**
8	GROUNDWATER INFLOW ADJUSTMENT	1,831,784	1,864,300	1,965,600	1,938,000	73,700	**4.0%**
9	WATER TANK SPACE LEASING	344,842	341,900	341,900	366,200	24,300	**7.1%**
10	SEWER IMPACT FEES	482,236	250,000	222,400	228,000	(22,000)	**-8.8%**
11	WATER IMPACT FEES	536,922	250,000	253,400	252,000	2,000	**0.8%**
12	INTEREST - WATER	(396)	1,000	5,000	10,000	9,000	**900.0%**
13	INTEREST - WASTEWATER	(620)	2,000	5,000	10,000	8,000	**400.0%**
14	MISCELLANEOUS SERVICE FEE	74,982	64,000	56,200	63,000	(1,000)	**-1.6%**
15	**TOTAL REVENUES**	**14,847,508**	**15,727,700**	**15,037,500**	**15,467,200**	**(260,500)**	**-1.7%**
16	**TOTAL BEGINNING BALANCE & REVENUES**	**15,468,265**	**16,882,700**	**16,317,300**	**16,697,100**	**(185,600)**	**-1.1%**
						No salaries included	
17	**DIRECT EXPENSES:**						
18	ENGINEERING & INSPECTION	468,706	517,500	512,500	516,500	(1,000)	**-0.2%**
19	WATER CONSTRUCTION	260,383	-	-	-	-	**0.0%**
20	WATER DEPARTMENT	399,530	673,300	650,900	655,400	(17,900)	**-2.7%**
21	WASTEWATER DEPARTMENT	790,525	968,600	840,600	962,400	(6,200)	**-0.6%**
22	WATER TREATMENT PLANT	1,452,318	1,910,000	1,743,100	1,727,400	(182,600)	**-9.6%**
23	**DIRECT EXPENDITURE SUBTOTAL**	**3,371,462**	**4,069,400**	**3,747,100**	**3,861,700**	(207,700)	**-5.1%**
24	**OTHER EXPENSES:**						
25	DEBT SERVICE - WATER	486,635	545,200	521,100	590,300	45,100	**8.3%**
26	DEBT SERVICE - WASTEWATER	650,647	586,900	611,300	636,900	50,000	**8.5%**
27	RETIREES HEALTH CARE	200,000	178,600	60,200	192,400	13,800	**7.7%**
28	OTHER EMPLOYMENT EXPENSES	-	20,000	142,300	60,000	40,000	**200.0%**
29	KENT COUNTY TREATMENT CHARGE	4,127,919	4,130,000	4,130,000	4,130,000	-	**0.0%**
30	INTRAFUND SERVICE FEES	1,341,640	1,492,700	1,420,000	1,653,800	161,100	**10.8%**
31	BANK & CREDIT CARD FEES	-	46,200	25,000	25,000	(21,200)	**-45.9%**
32	BOND ISSUANCE COSTS	-	-	-	40,000		
33	**OTHER EXPENSES SUBTOTAL**	**6,806,841**	**6,999,600**	**6,909,900**	**7,328,400**	**328,800**	**4.7%**
34	**TRANSFER TO:**						
35	GENERAL FUND FROM WATER	250,000	550,000	550,000	500,000	(50,000)	**-9.1%**
36	GENERAL FUND FROM WASTEWATER	250,000	300,000	300,000	375,000	75,000	**25.0%**
37	WATER IMP AND EXT	1,205,285	1,800,000	1,800,000	1,000,000	(800,000)	**-44.4%**
38	WASTEWATER IMP AND EXT	1,803,104	1,500,000	1,500,000	1,000,000	(500,000)	**-33.3%**
39	SEWER IMPACT FEE RESERVE	275,279	-	-	-	-	**0.0%**
40	WATER IMPACT FEE RESERVE	226,485	-	-	-	-	**0.0%**
41	CONTINGENCY RESERVE WATER	-	32,000	32,000	110,000	78,000	**243.8%**
42	CONTINGENCY RESERVE WASTEWATER	-	-	-	60,000	60,000	**0.0%**
43	GENERAL EMPLOYEES PENSION	-	-	248,400	-	-	**0.0%**
44	**TRANSFER TO SUBTOTAL**	**4,010,153**	**4,182,000**	**4,430,400**	**3,045,000**	**(1,137,000)**	**-27.2%**
45	**TOTAL EXPENSES**	**14,188,456**	**15,251,000**	**15,087,400**	**14,235,100**	**(1,015,900)**	**-6.7%**
46	**BUDGET BALANCES**						
47	BUDGET BALANCE WATER	1,072,915	1,048,600	566,700	1,199,500	150,900	**14.4%**
48	BUDGET BALANCE WASTEWATER	206,894	583,100	663,200	1,262,500	679,400	**116.5%**
49	**BUDGET BALANCE SUBTOTALS**	**1,279,809**	**1,631,700**	**1,229,900**	**2,462,000**	**830,300**	**50.9%**
50	**TOTAL BUDGET BALANCES & EXPENSES**	**15,468,265**	**16,882,700**	**16,317,300**	**16,697,100**	**(185,600)**	**-1.1%**
51	EXCEEDS/(REMAINS)TO MEET REQMNT	1,279,809	373,500	26,900	1,224,600		

		2014/15 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 BUDGET	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	POLICY
52	**RESERVE BALANCES**						
53	CONTINGENCY - WATER	105,189	107,700	138,000	249,000	111,000	$250K
54	CONTINGENCY - WATER/WASTEWATER	190,209	194,800	191,600	253,100	61,500	$250K

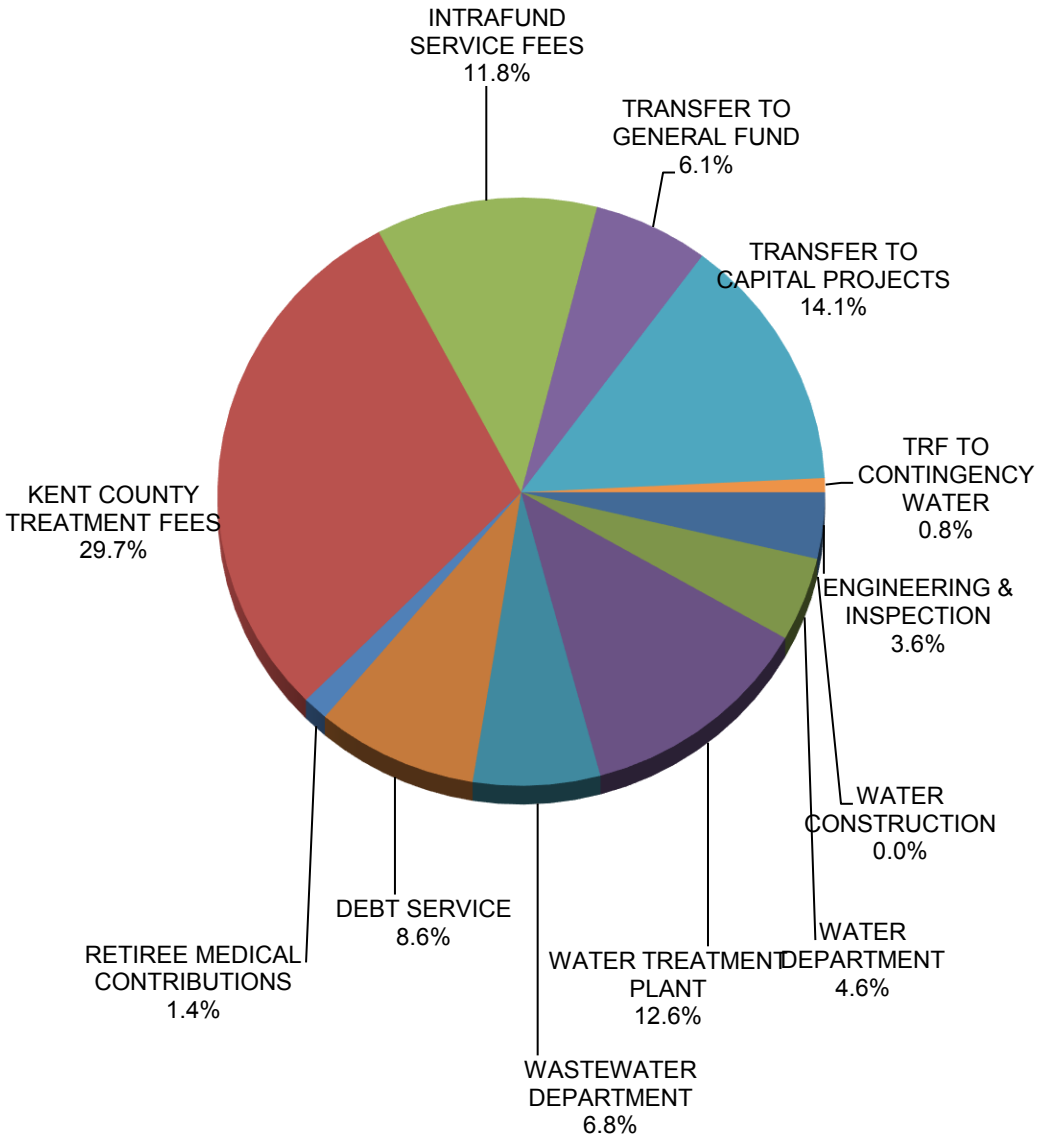
Fiscal Year 2016/2017
Water/Wastewater Fund

Revenue



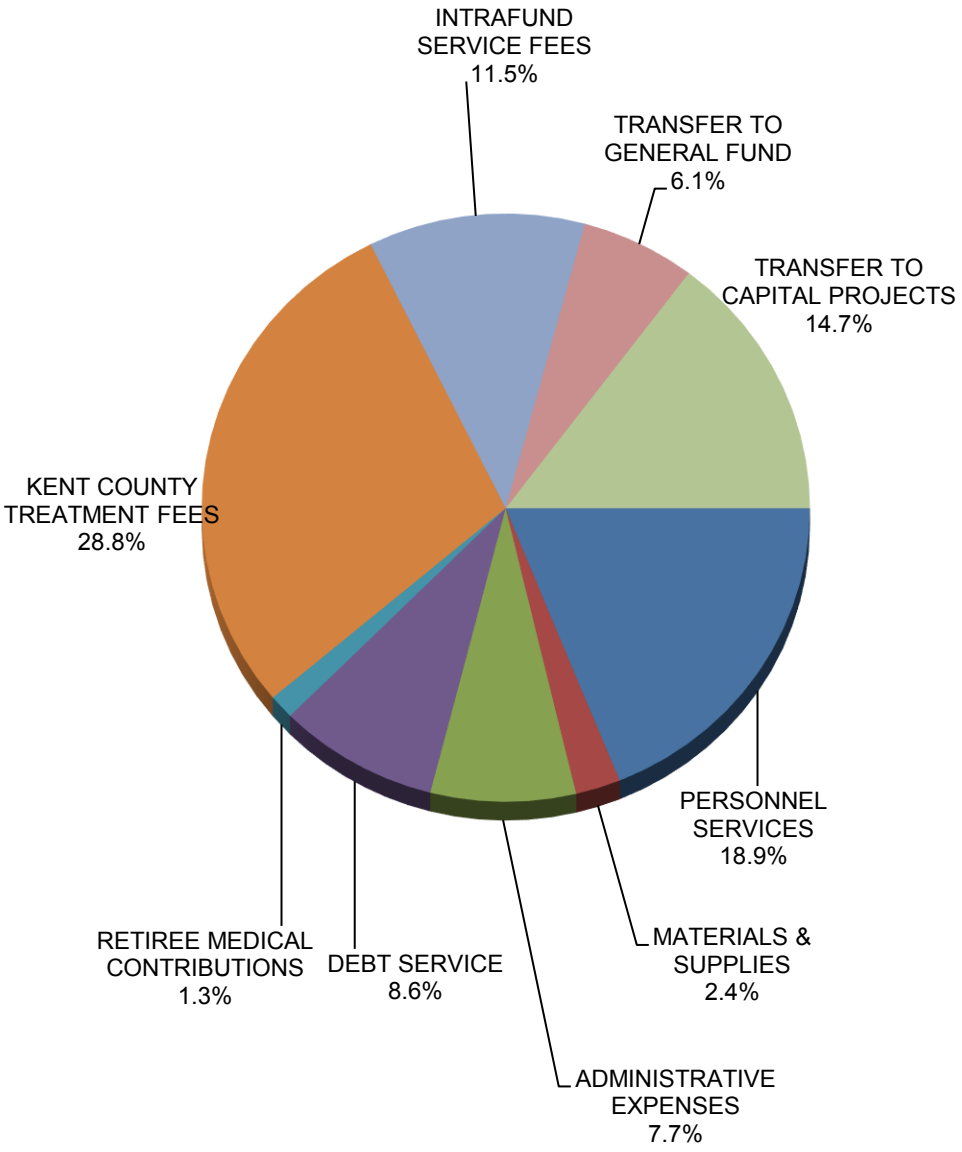
2016/2017 Budget
Water/Wastewater Fund Expenses

By Major Function



2016/2017 Budget
Water/Wastewater Fund Expenses

By Expense Category



WATER/WASTEWATER IMPROVEMENT & EXTENSION FUND SUMMARY

		2014/15 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 PROPOSED	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	% CHG FY17 VS FY16
1	BEGINNING BALANCE - WATER	7,178,064	833,500	4,990,300	1,179,900	346,400	**41.6%**
2	BEGINNING BALANCE - WASTEWATER	5,677,607	1,027,600	4,551,700	952,600	(75,000)	**-7.3%**
3	**TOTAL BEGINNING BALANCES**	**12,855,671**	**1,861,100**	**9,542,000**	**2,132,500**	**(5,419,735)**	**14.6%**
4	**REVENUES**						
5	STATE LOAN FUND - WATER	-	-	-	2,400,000	2,400,000	**0.0%**
6	STATE LOAN FUND - WASTEWATER	-	-	-	884,000	884,000	**0.0%**
7	TRANS FR OPERATING FUND - WATER	1,205,285	1,800,000	1,800,000	1,000,000	1,600,000	**-44.4%**
8	TRANS FR OPERATING FUND - WASTEWATER	1,803,104	1,500,000	1,500,000	1,000,000	1,800,000	**-33.3%**
9	TRANSFER FR WATER IMPACT FEE	-	-	-	190,800	190,800	**0.0%**
10	TRANSFER FR WASTEWATER IMPACT FEE	1,315,600	165,000	165,000	211,200	211,200	**28.0%**
11	FEDERAL/STATE GRANTS	-	-	20,300	-	-	**0.0%**
12	PROCEEDS FROM SALE OF ASSETS	27,283	-	-	-	-	**0.0%**
13	INTEREST INCOME	39,883	25,000	69,900	20,000	(5,000)	**-20.0%**
14	MISCELLANEOUS RECEIPTS	-	-	61,400	-	-	**0.0%**
15	**TOTAL REVENUES**	**4,391,155**	**3,490,000**	**3,616,600**	**5,706,000**	**2,216,000**	**63.5%**
16	**TOTAL BEGINNING BALANCES & REVENUES**	**17,246,826**	**5,351,100**	**13,158,600**	**7,838,500**	**2,487,400**	**46.5%**
17	**EXPENSES**						
18	W/WW ENGINEERING	-	-	-	30,400	30,400	**0.0%**
19	WATER	3,392,546	2,028,600	5,442,600	1,338,800	(689,800)	**-34.0%**
20	WASTEWATER	4,277,921	1,822,100	5,299,100	2,021,200	199,100	**10.9%**
21	WATER TREATMENT PLANT	33,771	-	284,400	1,200,000	-	**0.0%**
22	**TOTAL EXPENSES**	**7,704,238**	**3,850,700**	**11,026,100**	**4,590,400**	**739,700**	**19.2%**
23	BUDGET BALANCE - WATER	4,990,615	617,400	1,179,900	2,226,700	1,609,300	**260.7%**
24	BUDGET BALANCE - WASTEWATER	4,551,973	883,000	952,600	1,021,400	138,400	**15.7%**
25	**TOTAL ENDING BUDGET BALANCES**	**9,542,588**	**1,500,400**	**2,132,500**	**3,248,100**	1,747,700	**116.5%**
26	**TOTAL BUDGET BALANCES & EXPENSES**	**17,246,826**	**5,351,100**	**13,158,600**	**7,838,500**	**2,487,400**	**46.5%**

		2014/15 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 PROPOSED	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	POLICY
27	**RESERVE BALANCES**						
28	CAPITAL ASSET RESERVE-WATER	510,681	522,700	514,600	518,500	(4,200)	MIN $500K
29	CAPITAL ASSET RESERVE-WASTEWATER	509,513	521,600	513,400	517,300	(4,300)	MIN $500K
30	IMPACT FEE RESERVE - WATER	427,523	203,900	430,700	243,200	39,300	20% of Rev.
31	IMPACT FEE RESERVE - WASTEWATER	1,742,652	1,552,300	1,590,900	1,391,800	(160,500)	20% of Rev.

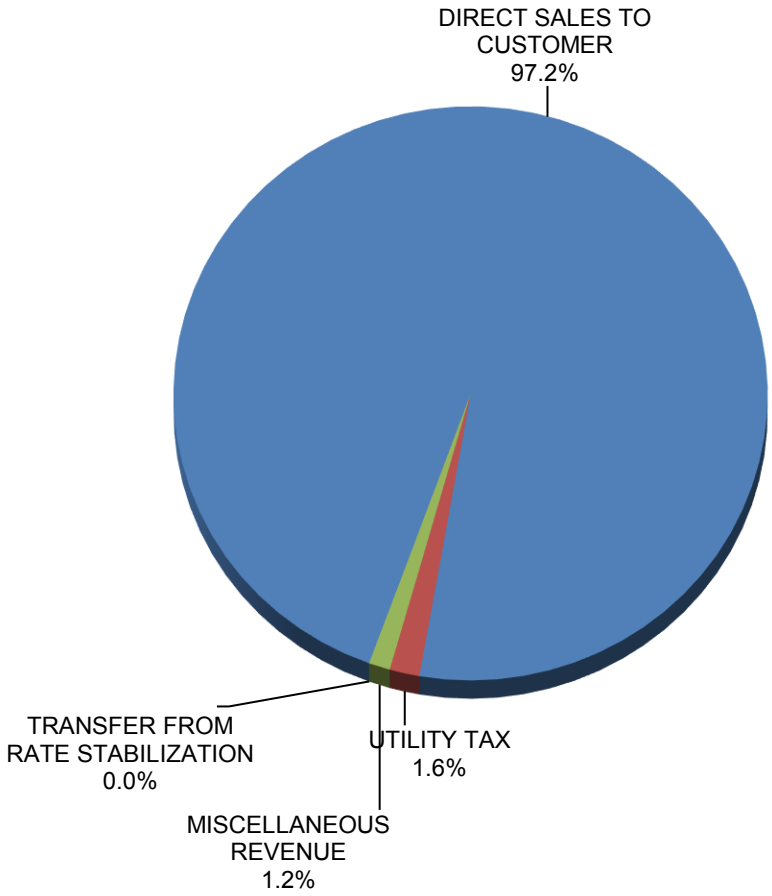
ELECTRIC REVENUE FUND SUMMARY

		2014/15 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 PROPOSED	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	% CHG FY17 VS FY16
1	**BEGINNING BALANCE**	**6,602,899**	**6,177,600**	**8,117,200**	**13,095,100**	**6,917,500**	**112.0%**
2	**BASE REVENUE:**						
3	DIRECT SALES TO CUSTOMER	77,011,592	78,279,200	78,493,800	78,991,200	712,000	**0.9%**
4	UTILITY TAX	1,266,872	1,281,100	1,309,600	1,320,900	39,800	**3.1%**
5	MISCELLANEOUS REVENUE	1,038,372	597,200	911,400	548,600	(48,600)	**-8.1%**
6	RENT REVENUE	223,065	202,600	202,600	223,000	20,400	**10.1%**
7	GREEN ENERGY	128,090	128,000	128,000	128,000	-	**0.0%**
8	INTEREST EARNINGS	5,909	47,900	35,000	47,900	-	**0.0%**
9	TRANSFER FROM RATE STABILIZATION	3,000,000	3,000,000	750,000	-	(3,000,000)	**-100.0%**
10	**TOTAL REVENUES**	**82,673,900**	**83,536,000**	**81,830,400**	**81,259,600**	**(2,276,400)**	**-2.7%**
11	**TOTAL BEGINNING BALANCE & REVENUES**	**89,276,799**	**89,713,600**	**89,947,600**	**94,354,700**	**4,641,100**	**5.2%**
12	**EXPENSES:**						
13	POWER SUPPLY	26,170,504	23,402,600	23,402,600	16,557,600	(6,845,000)	**-29.2%**
14	SOLAR ENERGY	1,976,577	2,313,900	2,313,900	2,313,900	-	**0.0%**
15	SOLAR RENEWAL ENERGY CREDITS	372,329	363,400	363,400	363,400	-	**0.0%**
16	POWER SUPPLY MANAGEMENT	996,000	996,000	996,000	996,000	-	**0.0%**
17	REC'S (Renewable Energy Credits)	572,515	673,400	673,400	673,400	-	**0.0%**
18	PJM CHARGES - ENERGY	5,389,169	7,932,500	7,932,500	12,357,900	4,425,400	**55.8%**
19	PJM CHARGES - TRANSMISSION & FEES	8,681,190	7,966,100	7,966,100	7,603,800	(362,300)	**-4.5%**
20	CAPACITY CHARGES	9,617,562	10,225,100	10,225,100	10,160,600	(64,500)	**-0.6%**
21	**SUB-TOTAL POWER SUPPLY**	**53,775,846**	**53,873,000**	**53,873,000**	**51,026,600**	**(2,846,400)**	**-5.3%**
22	PLANT OPERATIONS	5,968,784	6,434,600	6,382,900	6,217,100	(217,500)	**-3.4%**
23	GENERATIONS FUELS	1,729,044	1,342,300	1,342,300	431,900	(910,400)	**-67.8%**
24	PJM SPOT MARKET ENERGY	(2,560,292)	(1,708,300)	(1,708,300)	(804,900)	903,400	**-52.9%**
25	PJM CREDITS	(560,450)	(360,000)	(360,000)	(360,000)	-	**0.0%**
26	CAPACITY CREDITS	(8,706,981)	(10,472,100)	(10,472,100)	(7,355,100)	3,117,000	**-29.8%**
27	**GENERATION SUBTOTAL**	**(4,129,895)**	**(4,763,500)**	**(4,815,200)**	**(1,871,000)**	**2,892,500**	**-60.7%**
28	**POWER SUPPLY & GENERATION SUBTOTAL**	**49,645,950**	**49,109,500**	**49,057,800**	**49,155,600**	**46,100**	**0.1%**
29	**DIRECT EXPENDITURES**						
30	TRANSMISSION/DISTRIBUTION	3,625,462	4,068,600	3,610,300	3,605,700	(462,900)	**-11.4%**
31	ELECTRICAL ENGINEERING	1,166,201	1,335,800	1,243,300	1,247,900	(87,900)	**-6.6%**
32	ADMINISTRATION	609,819	839,300	881,800	929,700	90,400	**10.8%**
33	METER READING	371,658	360,500	322,200	378,600	18,100	**5.0%**
34	SYSTEMS OPERATIONS	703,431	679,800	612,700	651,700	(28,100)	**-4.1%**
35	**DIRECT EXPENDITURE SUBTOTALS**	**6,476,572**	**7,284,000**	**6,670,300**	**6,813,600**	**(470,400)**	**-6.5%**
36	**OTHER EXPENSES:**						
37	UTILITY TAX	1,266,872	1,281,100	1,309,600	1,320,900	39,800	**3.1%**
38	ALLOW FOR UNCOLLECTIBLES	200,000	200,000	200,000	250,000	50,000	**25.0%**
39	CONTRACTUAL SERVICES - RFP'S	266,856	-	-	-	-	**0.0%**
40	RETIREES HEALTH CARE	513,300	537,800	57,700	600,000	62,200	**11.6%**
41	OTHER EMPLOYMENT EXPENSES	-	72,000	40,300	128,200	56,200	**78.1%**
42	OPEB UNFUNDED LIABILITY	1,009,800	1,030,000	-	-	(1,030,000)	**-100.0%**
43	GREEN ENERGY PAYMENT TO DEMEC	128,161	128,000	128,000	128,000	-	**0.0%**
44	INTRAFUND SERVICE FEES	3,478,806	3,738,500	3,573,500	3,564,900	(173,600)	**-4.6%**
45	INTEREST ON DEPOSITS	18,098	20,500	20,500	21,000	500	**2.4%**
46	BANK & CREDIT CARD FEES	-	242,300	259,300	275,000	32,700	**13.5%**
47	DEBT SERVICE	3,405,202	3,402,000	1,617,700	1,618,000	(1,784,000)	**-52.4%**
48	**OTHER EXPENSES SUBTOTAL**	**10,287,095**	**10,652,200**	**7,206,600**	**7,906,000**	**(2,746,200)**	**-25.8%**
49	**TRANSFER TO:**						
50	IMPROVEMENT & EXTENSION	4,750,000	3,500,000	3,500,000	2,500,000	(1,000,000)	**-28.6%**
51	GENERAL FUND	10,000,000	10,000,000	10,000,000	10,000,000	-	**0.0%**
52	TRANSFER TO FUTURE CAPACITY RESERVE	-	-	-	750,000	750,000	**0.0%**
53	TRANSFER TO DEPRECIATION RESERVE	-	-	-	750,000	750,000	**0.0%**
54	TRANSFER INSURANCE RESERVE	-	10,000	10,000	-	(10,000)	**-100.0%**
55	TRANSFER CONTINGENCY RESERVE	-	13,000	13,000	-	(13,000)	**-100.0%**
56	RATE STABILIZATION RESERVE	-	-	394,800	1,250,000	1,250,000	**0.0%**
57	**TRANSFER TO SUBTOTAL**	**14,750,000**	**13,523,000**	**13,917,800**	**15,250,000**	**1,727,000**	**12.8%**
58	**TOTAL EXPENSES**	**81,159,617**	**80,568,700**	**76,852,500**	**79,125,200**	**(1,443,500)**	**-1.8%**
59	**BUDGET BALANCE - WORKING CAPITAL**	**8,117,182**	**9,144,900**	**13,095,100**	**15,229,500**	**6,084,600**	**66.5%**
60	**TOTAL BUDGET BALANCE & EXPENSES**	**89,276,799**	**89,713,600**	**89,947,600**	**94,354,700**	**4,641,100**	**5.2%**
61	EXCEEDS/(REMAINS)TO MEET REQUIREMENT	(1,291,618)	(365,700)	3,522,600	5,636,900		

		2014/15 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 PROPOSED	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	POLICY
62	**RESERVE BALANCES**						
63	CONTINGENCY RESERVE	822,677	826,000	841,900	848,300	22,300	$750K
64	INSURANCE RESERVE	740,641	743,600	756,300	762,000	18,400	$750K
65	RATE STABILIZATION RESERVE	7,505,354	8,583,000	7,207,100	8,511,900	(71,100)	10% - 20%

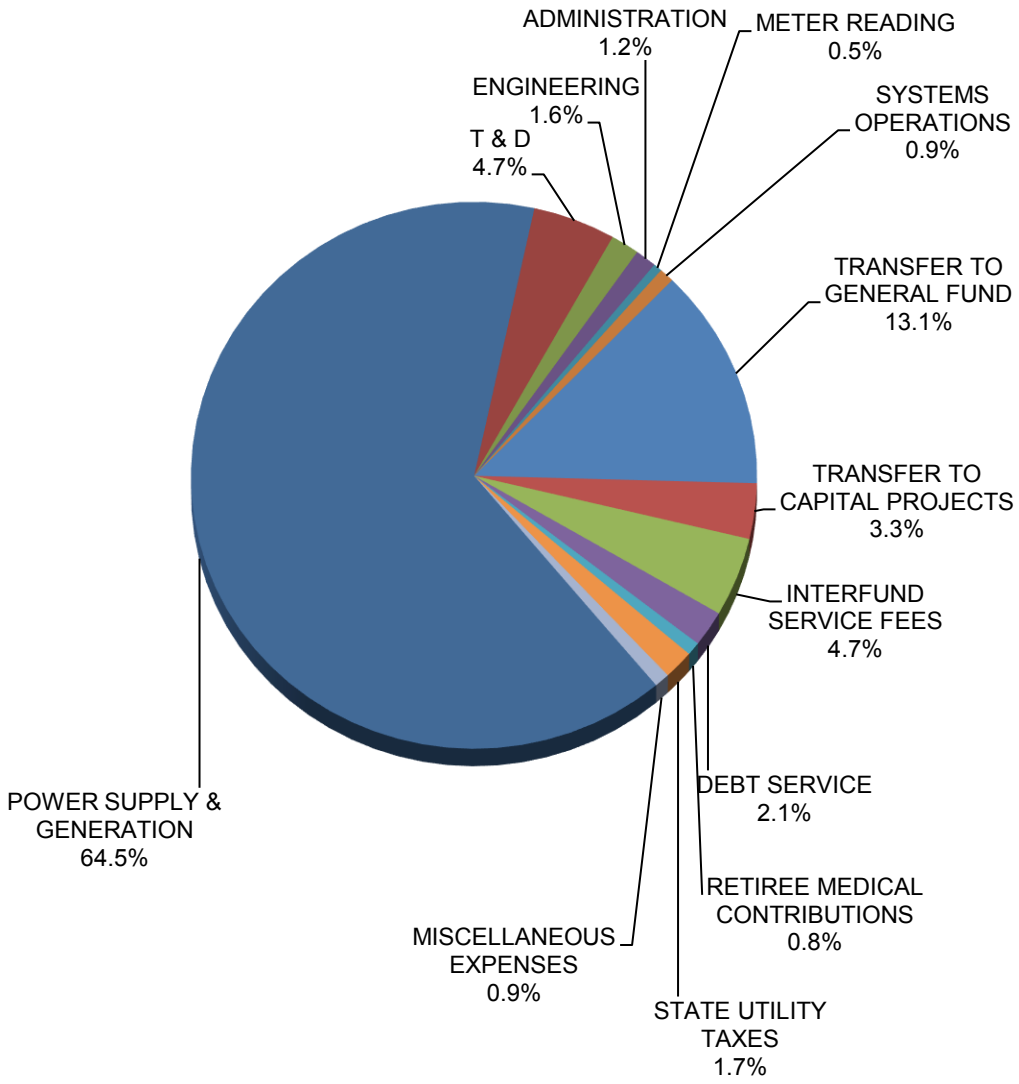
Electric Fund
Fiscal Year 2016/2017

Revenue



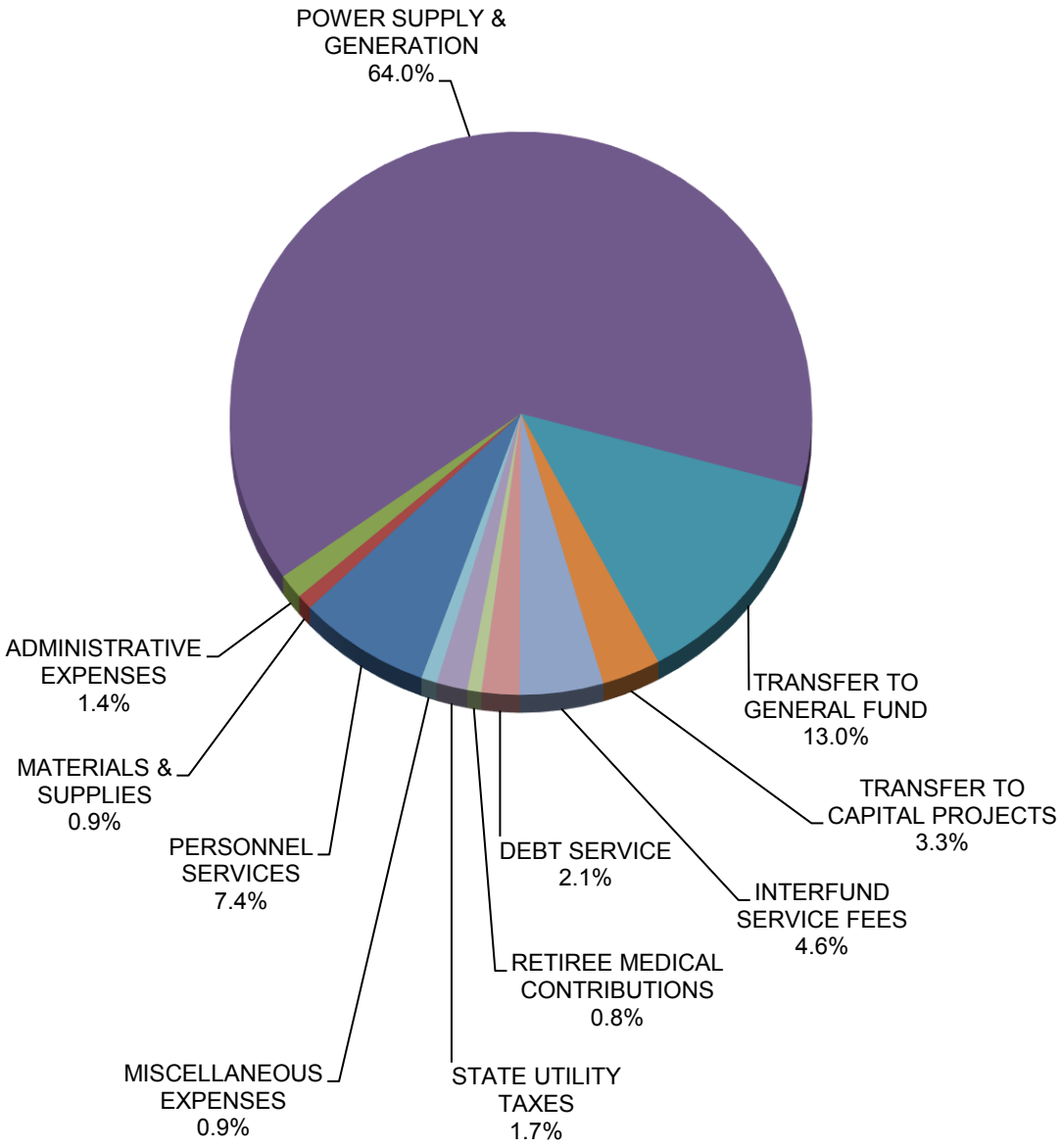
Electric Fund
Fiscal Year 2016/2017

Expense by Function



Electric Fund
Fiscal Year 2016/2017

Expense by Category



ELECTRIC IMPROVEMENT & EXTENSION FUND SUMMARY

		2014/15 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 PROPOSED	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	% CHG FY17 VS FY16 REV
1	**BEGINNING BALANCE**	**5,847,854**	**3,623,600**	**6,904,500**	**5,349,700**	**1,726,100**	**47.6%**
2	**REVENUES**						
3	TRANSFER FROM ELECTRIC	4,750,000	3,500,000	3,500,000	2,500,000	(1,000,000)	**-28.6%**
4	TRANSFER FROM BOND RESERVE	-	-	2,108,000	-	-	**0.0%**
5	GENERAL SERVICE BILLING	95,045	1,900,000	1,900,000	900,000	(1,000,000)	**-52.6%**
6	DEVELOPMENT GRANTS	-	-	15,000	5,000	5,000	**0.0%**
7	INCOME FROM SALE OF ASSETS	39,637	-	-	-	-	**0.0%**
8	INTEREST EARNINGS	1,047	26,700	57,900	40,000	13,300	**49.8%**
9	**TOTAL REVENUES**	**4,885,729**	**5,426,700**	**7,580,900**	**3,445,000**	**(1,981,700)**	**-36.5%**
10							
11	**TOTALS**	**10,733,583**	**9,050,300**	**14,485,400**	**8,794,700**	**(255,600)**	**-2.8%**
12	**EXPENSES**						
13	ELECTRIC GENERATION	1,899,229	1,655,000	2,299,800	1,842,800	187,800	**11.3%**
14	TRANSMISSION AND DISTRIBUTION	1,078,077	2,887,600	3,524,900	1,975,000	(912,600)	**-31.6%**
15	ELECTRICAL ENGINEERING	851,740	1,724,300	3,288,000	910,700	(813,600)	**-47.2%**
16	METER READING	-	-	23,000	41,800	41,800	**0.0%**
17	ERP SYSTEM	-	-	-	1,000,000	1,000,000	**0.0%**
18	**TOTAL EXPENSES**	**3,829,046**	**6,266,900**	**9,135,700**	**5,770,300**	**(496,600)**	**-7.9%**
19	**BUDGET BALANCE**	**6,904,537**	**2,783,400**	**5,349,700**	**3,024,400**	**241,000**	**8.7%**
20	**TOTAL BUDGET BALANCE & EXPENSES**	**10,733,583**	**9,050,300**	**14,485,400**	**8,794,700**	**(255,600)**	**-2.8%**

		2014/15 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 PROPOSED	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	POLICY
21	**RESERVE BALANCES**						
22	DEPRECIATION RESERVE	9,957,873	9,998,200	10,083,600	10,910,200	912,000	Min $10M
23	FUTURE CAPACITY RESERVE	10,107,899	10,148,700	10,108,400	10,908,900	760,200	Min $10M

Charter Art. IV, Section 44, & Financial Policies

Sec. 44. - Annual budget.

On or before the second Monday of May of each year, the city manager shall prepare and submit to the council, a budget, presenting a financial plan for conducting the affairs of the city for the ensuing fiscal year. The total of proposed expenditures shall not exceed the total of anticipated income.

The budget shall include the following information:

1. A detailed statement showing the expenses of conducting each department and office of the city for the current year and last preceding fiscal year.

2. A detailed estimate of the expenses of conducting each department and office of the city for the ensuing fiscal year with reasons for the increases and decreases recommended.

3. The amount of the debt of the city together with a schedule of maturities of bond issues.

4. A statement showing the amount required for interest on the city debt and for paying off any bonds maturing during the year and the amount required for the sinking fund.

5. An itemized statement of all anticipated income of the city with a comparative statement of the amounts received by the city from each of the same or similar sources for the last preceding and current fiscal years.

6. An estimate of the amount of money to be received from taxes.

7. Such other information as the city manager may think desirable or as may be required by the council.

The council shall on or before the second Monday in the month of June in each year adopt a budget for the succeeding fiscal year. The council shall, so far as possible, adhere to the budget so adopted in the making of appropriations.

(Amd. of 7-12-2005 (S.B. 126))

CITY OF DOVER
FINANCIAL POLICIES

Amended October 12, 2015

CITY OF DOVER, DELAWARE
FINANCIAL POLICIES

The purpose of these policies is to present a standardized set of principles that the City follows in managing its financial and budgetary affairs. These are general statements of policies, which represent long-standing principles, traditions, and practices that will be used to guide the City in maintaining financial stability. It will be the responsibility of the Finance Department to ensure the financial objectives of these policies are maintained.

Revenue Policy

1. The City will strive to maintain a broad and diversified revenue base that will equitably distribute the burden of supporting City services and will protect the City from short-term fluctuations in any one revenue source.

2. The City will actively support economic and industrial development recruitment and retention efforts to provide for a solid revenue base.

3. The City will maintain timely collection systems and implement necessary enforcement strategies to collect revenues from available sources.

4. The City will establish user fees and charges for services, when feasible, at levels related to the cost of providing the services. The City will review the fees and charges every three to five years to determine modifications needed to keep pace with the cost of providing the services. Property Tax Rates are set annually

5. The City will establish, when feasible, self-supporting enterprise funds and intergovernmental service funds in which a relationship between revenues and expenditures clearly exists.

6. The City will project current revenues on a conservative basis so the actual revenues will consistently meet or exceed budgeted revenues. Revenues greater or less than the original budget will flow through to the audited Ending Budget Balance.

7. The City will maintain a budgetary control system and will prepare reports, which compare actual revenues to budgeted amounts.

8. The City will limit the designation of General Fund revenues for specified purposes to maximize flexibility in budgeting and revenue utilization.

9. The City will review annually and revise, where necessary, its cost allocation formulas, i.e. internal service departments.

10. Upon satisfying all rate covenants the City will provide operating transfers to the General Fund. From the Water/Wastewater Utility no greater than $1,000,000 and from the Electric Utility no greater than $10,000,000.

Expenditure Policy

1. Basic and essential services provided by the City will receive first priority for funding, i.e. Public Safety & Health, Utilities, Streets, & Sanitation.

2. A report of the expenses of the Public Safety categories that have been identified will be presented to City Council two (2) times; once upon delivery of the proposed budget in May and the other upon the adoption of the budget in July. The report will map the revenues that have been identified to support the expenses, how much of a gap there is, and what the trend is for closing the gap over a 20 year period. The revenues will be the direct revenues of those programs and the Property Tax Revenue, excluding BID taxes.

3. The City will adopt a balanced budget, by fund, for all funds maintained by the City, in which total anticipated revenues must equal or exceed the budgeted expenditures for each fund. The Beginning Budget Balance will not be considered a revenue source.

4. The City will maintain a budgetary control system to ensure adherence to the original adopted budget and will prepare reports, which compare actual expenditures to budgeted amounts. Expenditures greater or less than the original adopted budget will flow through the audited Ending Budget Balance.

5. The City will restrict the use of appropriations as follows:
   - Funds appropriated for personnel expenses shall be restricted to use as personnel expenses; Any personnel savings at the end of each fiscal year will be re-appropriated in the next fiscal year to be transferred to the City's unfunded retirement liabilities;
   - Funds appropriated as capital expenses shall be restricted to use as capital expenses;
   - Funds appropriated as operating expenses shall be restricted to use as operating expenses;
   - All requests for additional personnel shall be accompanied with a five-year estimate on the costs of such position(s), including salaries and other employment costs (OEC's);

6. The City will refrain from budgeting revenues derived from infrequent and unanticipated transactions for ongoing expenses. These revenues will be set aside for asset replacement or as otherwise directed by Council.

7. The City will provide access to medical, dental, vision, life, AD & D, and short-term disability insurance for its employees. The cost for these benefits will be a shared responsibility between the City and its employees as outlined in the City Personnel Handbook or collective bargaining agreements

8. The City will provide access to medical and dental insurance for its retirees and their families. The cost for these benefits will be a shared responsibility between the City and its retirees as outlined in the City Personnel Handbook or collective bargaining agreements.

9. The City will provide access to appropriate retirement plans for its employees. The City will make contributions for eligible employees at the actuarial determined percentage defined for each of the respective retirement plans.

10. The City will establish an Other Post-Employment Benefit Fund (OPEB). The City will make contributions for eligible employees and retirees at the actuarial determined rates or percentages to fund future retiree medical benefits.

Debt Policy

1. The City will maintain a debt management policy and full disclosure on financial reports.

2. The City will maintain communications with bond rating agencies and continue to strive for improvements in the City's bond rating.

3. The City will adhere to its debt covenants.

4. The City will review its debt capacity every three (3) years.

5. The City will pay for all capital projects and capital improvements on a pay-as-you-go basis using current revenues if possible. If a project or improvement cannot be financed with current revenues, long-term debt or use of reserves will be recommended.

6. The City will refrain from issuing long-term debt for a period in excess of the expected useful life of the capital project.

7. The City will use special assessment revenue or other self-supporting bonds instead of general obligation bonds, when practical.

8. The City will seek refinancing of outstanding debt if it is determined that the City will benefit by reduced interest expense over the remaining life of the bonds.

Budget Balance/Reserve Policy – General Fund

1. The City will strive to maintain a minimum Budget Balance, of at least 8% and no greater than 12% of the current year operating revenues for the General Fund, excluding the carry forward balance. The purpose of the budget balance is to meet temporary fluctuations in cash flows and to provide a cushion for loss of revenues until operating changes can be implemented. If the final Budget Balance exceeds the amount as approved in the budget ordinance, such funds shall be used to provide for unfunded retirement liabilities or as otherwise designated by City Council. The City may use monies in the Budget Balance only in times of fiscal and economic hardship.

2. Once achieved, at no time should the City's budget balances fall below their specified percentages. If a shortfall occurs in the budget balance and immediately restoring the balances to the specified percentage would cause an extreme burden on the taxpayers, the budget balance may, with the City Council's approval, be restored to the specified percentage within one (1) year, but in any case, no longer than three (3) years.

3. The City will maintain a minimum reserve, in a contingency account, of at least $700,000. The City may only use monies in the contingency accounts to cover emergencies of a non-recurring nature that are over and above the normal course of operations. Examples are uninsured losses,

storms or hurricane damages. The Contingency Reserve will not be used to balance the operating budget.

4. The total of the General Fund budget and contingency balances shall not exceed 17% (~ 2 months) of Budgeted Operating Revenues.

5. The City will create a Capital Asset Replacement account for Governmental Fund asset procurements. Optimally, the amount set aside for future asset replacements should equal the annual depreciation of the current assets. (Annual Depreciation is approximately $2.5 million per year) The City will appropriate excess (amounts greater than budgeted) revenues to fund this account, or if the balance is less than the $500,000 minimum, $200,000 per annum until such time the minimum balance is replenished.

6. The City will create a General Capital Project Fund to account for all General Government asset procurements and projects. The City will provide operating fund transfers and/or debt proceeds for each fiscal year's Capital Investment Plan. All vehicle and equipment purchases under $25,000 will be budgeted on a pay as you go basis.

Budget Balance/Reserve Policy – Water/Wastewater Fund

1. The City will strive to maintain a minimum Budget Balance, of at least 8% and no greater than 17% (two months) of the current year operating revenues for each of the Water & Wastewater Utility Funds, excluding the carry forward balance. The purpose of the budget balance is to meet temporary fluctuations in cash flows and to provide a cushion for loss of revenues until operating changes can be implemented. If the final Budget Balance exceeds the amount as approved in the budget ordinance, such funds shall be used to provide for unfunded retirement liabilities or as otherwise designated by City Council. The City may use monies in the Budget Balance only in times of fiscal and economic hardship.

2. Once achieved, at no time should the City's budget balances fall below their specified percentages. If a shortfall occurs in the budget balance and immediately restoring the balances to the specified percentage would cause an extreme burden on the ratepayers, the budget balance may, with the City Council's approval, be restored to the specified percentage within one (1) year, but in any case, no longer than three (3) years.

3. The City will maintain a minimum reserve, in a contingency account, of at least $250,000 for each the Water & Wastewater Fund. The City may only use monies in the contingency accounts to cover emergencies of a non-recurring nature that are over and above the normal course of operations. Examples are uninsured losses, storms or hurricane damages. The Contingency Reserve will not be used to balance the operating budget.

4. The total of the combined Water & Wastewater Fund budget and contingency balances shall not exceed 25% (3 months) of Budgeted Operating Revenues.

5. The City will maintain a Capital Asset Replacement account to cover replacement or procurement of assets of the utility. Optimally, the amount set aside for future asset replacements should equal the annual depreciation of the current assets. The City will maintain a minimum balance of $500,000 for each utility for Capital Asset Replacements. The City will

appropriate excess revenues to fund this account, or if the balance is less than the minimum $100,000 per annum for each utility until such time the minimum balance is achieved.

6. The City established by ordinance on December 17, 1996 the Wastewater Impact Fee Reserve to provide for future expansion of the City's wastewater system due to increased demand. The ordinance further provides for debt service payments attributed to wastewater expansion projects to be funded by the current year's collection of Impact Fees and the remainder to be deposited into the reserve account. The City shall maintain a minimum of 20% of wastewater revenues in the Impact Fee Reserve account. Amounts used to finance projects shall be replenished by the operating revenues of the Wastewater Fund over the succeeding seven years of any project completion.

7. The City established by ordinance on February 1, 2008 the Water Impact Fee Reserve to provide for future expansion of the City's water system due to increased demand. The ordinance further provides for debt service payments attributed to water system expansion projects to be funded by the current year's collection of Impact Fees and the remainder to be deposited into the reserve account. The City shall maintain a minimum of $1.5 million of water revenues in the Impact Fee Reserve account. Amounts used to finance projects shall be replenished by the operating revenues of the Water Fund over the succeeding seven (7) years of any project completion.

8. The Water & Wastewater Improvement & Extension Fund budget balance shall be no less than $200,000 of the current fiscal year's appropriation for water and wastewater projects to allow for project variances and change orders; a 10% contingency shall be included in project budgets greater than $250,000 if the Department Head determines it to be appropriate. All vehicle and equipment purchases under $25,000 will be budgeted on a pay as you go basis. The City Manager shall make the necessary budget amendments in accordance with the City of Dover Purchasing & Budget Amendment Policies.

Budget Balance/Reserve Policy – Electric Revenue Fund

1. The City will strive to maintain a minimum Budget Balance, of at least 12% (45 days) of the current year operating revenues for the Electric Revenue Fund, excluding the carry forward balance and power cost adjustments. The purpose of the budget balance is to meet temporary fluctuations in cash flows and to provide a cushion for loss of revenues until operating changes can be implemented. If the final Budget Balance exceeds the amount as approved in the budget ordinance, such funds shall be used to provide for unfunded retirement liabilities or as otherwise designated by City Council. The City may use monies in the Budget Balance only in times of fiscal and economic hardship.

2. Once achieved, at no time should the City's budget balances fall below their specified percentages. If a shortfall occurs in the budget balance and immediately restoring the balances to the specified percentage would cause an extreme burden on the ratepayers, the budget balance may, with the City Council's approval, be restored to the specified percentage within one year, but in any case, no longer than three years.

3. The City will maintain a minimum reserve, in a contingency account, of at least $750,000 for the Electric Revenue Fund. The City may only use monies in the contingency accounts to cover emergencies of a non-recurring nature that are over and above the normal course of operations.

Examples are uninsured losses, storms or hurricane damages. The Contingency Reserve will not be used to balance the operating budget.

4. The total of the combined Electric Revenue Fund budget and contingency balances shall not exceed 25% (3 months) of Budgeted Operating Revenues.

5. The City has established by bond covenant an account to cover insurance deductibles on the electric transmission and distribution system or the generating plants. The City shall maintain a minimum balance of $750,000 to cover various deductibles.

6. Recognizing price fluctuations in the wholesale power markets the City has established a rate stabilization reserve. The purpose of using such a reserve is to level off the fluctuations in the wholesale power supply market and in turn provide stable rates to our customers. In those instances where the actual cost of power supply and generation are less/more than the budgeted cost of power supply and generation, the City will transfer the difference to/from the Rate Stabilization Reserve. The balance shall be maintained at a minimum of 10% not to exceed 20% of the purchase power cost in any given year. If the reserve balance exceeds the 20% maximum, a credit will be applied to the power cost adjustment.

7. The Electric Improvement & Extension Fund budget balance shall be no less than $200,000 of the current fiscal year's appropriation for electric system projects to allow for project variances and change orders; a 10% contingency shall be included in project budgets greater than $250,000 if the Department Head determines it to be appropriate. All vehicle and equipment purchases under $25,000 will be budgeted on a pay as you go basis. The City Manager shall make the necessary budget amendments in accordance with the City of Dover Purchasing & Budget Amendment Policies.

8. The City has established an account to provide for capital financing of Future Capacity or system expansion. The City shall maintain a balance equivalent to the value of 10% growth in capacity at any given time, or no less than $10,000,000. Amounts used to finance projects shall be replenished by the operating revenues of the Electric Revenue Fund over the succeeding seven years of any project completion.

9. The City has established an account to provide for replacement or procurement of utility system assets, otherwise known as Depreciation Reserve. Optimally, the amount set aside for future asset replacements should equal the annual depreciation of the current assets. The City will maintain a minimum balance of $10,000,000. The primary purpose of this account is to provide partial or all financing of major capital projects and minimize debt service payments. The account is also intended to cover unforeseen capital replacements due to equipment breakdowns, storms or hurricane damages. Amounts used to finance projects shall be replenished by the operating revenues of the Electric Revenue Fund over the succeeding seven (7) years of any project completion

10. The total of the combined Electric Revenue and Electric Improvement & Extension Fund budget and reserve balances shall be benchmarked at 50% Budgeted Operating Revenues. Operating Fund Budget Balance and Reserves shall be adjusted to appropriate levels through adjustments in the operating budget. Improvement & Extension Fund Budget Balance and Reserves shall be adjusted in accordance with the Capital Improvement Plan.

Investment and Cash Management Policy

1. The City will deposit all receipts on a timely basis in interest bearing accounts.

2. The City will strive to maximize the return on its investment portfolio without jeopardizing principal amounts.

3. The City will limit its investments to the types of securities provided for by Delaware statutes.

4. The City will diversify its investments by maturity date to protect against market fluctuations.

5. The City will purchase securities from qualified institutions based on competitive bids in an effort to obtain the highest available rates.

6. The City will maintain an Investment Policy based on prudent investment practices and will monitor all investment managers' compliance with policy objectives.

Capital Improvement Policy

1. The City will prepare and update, as needed a five-year Capital Improvements Program (CIP) which will provide for the orderly maintenance, replacement, and expansion of capital assets.

2. The CIP will identify long-range capital projects and capital improvements of all types, which will be coordinated with the annual operating budget to maintain full utilization of available revenue sources.

3. When preparing the CIP, the City will seek to identify all viable capital projects and capital improvements required during the subsequent five-year period. These projects and improvements will be prioritized by year and by funding source.

4. Every attempt will be made to match projects and improvements with available funding sources. Future operating costs and savings associated with a project or an improvement will also be given consideration in the establishment of priorities.

5. When appropriate, the City will seek Federal, State, and other funding to assist in financing capital projects and capital improvements.

6. The City will incorporate the reasonable findings and recommendations of other cities' Boards, Commissions, Committees, and Citizen Task Forces, as they relate to capital projects and improvements.

7. The City will seek input from the public by holding public hearings in relation to the establishment of projects and project priorities.

Financial Reporting Policy

1. The City's accounting system will maintain records in accordance with accounting standards and principles outlined by the Governmental Accounting Standards Board (GASB), Financial Accounting Standards Board (FASB), and the State of Delaware.

2. The City will employ an independent accounting firm to perform an annual audit of the City's finances and make the annual audit available to all required and interested parties.

3. The City will produce monthly and quarterly financial statements reporting the current periods' activity for all funds maintained by the City.

4. The City will prepare an annual budget document that provides a basic understanding of the City's planned financial operations for the coming fiscal year. Copies of the proposed and final budget will be made available to all interested parties and opportunities will be provided for citizen input prior to final decisions on the budget.

5. The City will place continued emphasis on review and maintenance of an accounting system which provides strong internal budgetary and accounting controls designed to provide reasonable assurance, but not absolute, assurance regarding:

    (a) the safeguarding of assets against loss from unauthorized use or disposition and,
    (b) the reliability of financial records for preparing financial statements and reports, and the maintaining accountability for assets.

6. The City will seek annual renewal of the Government Finance Officers Association's (GFOA) Certificate of Achievement for Excellence in Financial Reporting.
7.

Adoption:
Approval by City Council: January 28, 2002

Most recent amendments:
1. Amended by City Council on June 11, 2014
2. Amended by City Council on September 8, 2014
3. Amended by City Council on October 12, 2015

CITY OF DOVER
DEPARTMENT OF FINANCE
POLICY MANUAL

TITLE: Budget Administration – Policy for Operating Departments DATE: September 8, 2014

Each Department Head is responsible for managing their overall budgets for account variances created by routine operating expenses. This policy is intended to permit the redistribution of funds in departmental budgets when unexpected events or transactions occur. It establishes the procedure to be followed when the approval of a supplemental appropriation is requested. It restricts the redistribution of personnel and capital outlay accounts. All redistributions are to be rounded to the nearest hundred dollars (no cents).

1. Definitions, as used in this policy:

   "Fund": In governmental accounting, a fund is a fiscal and accounting entity with a self-balancing set of accounts, created and maintained for a particular purpose and having transactions subject to legal or administrative restrictions. A separate budget is provided for each fund.

   "Department": Departments are the major organizational sub-divisions. They have a broad overall purpose. The City of Dover is organized into twelve (12) departments: City Clerk, City Manager, Customer Services, Electric, Information Services, Finance and Procurement & Inventory, Human Resources, Planning & Inspections and Parks & Recreation & Library, Police**,** Public Works, and Tax Assessor.

   "Division": Is the major operational areas of the City. Each Division has been assigned to one of the Departments listed above according to the type of activity it performs. For example, the Electric Engineering Division is part of the Electric Department.

   "Category": Within each division, each expenditure line item is grouped into a category of related expenditures. The budget for each line item is listed by categorical total. Examples of a category include personnel services, materials & supplies, administrative expenditures, capital outlay, project accounts, and depreciation.

2. Department Managers may redistribute monies "within" a group of accounts in a particular category, except salary/benefits, and capital outlay accounts to address unexpected events or transactions. Form COD #98 shall be used to request the transfer of funds. The monies shall not be encumbered until the Controller/Treasurer has returned a copy of Form COD #98 advising the manager that the redistribution has been entered into the budget software.

3. Transfers between categories material/supplies and administrative are permitted.

4. Transfers from salary and benefit accounts are permitted upon the approval of the City Council to cover unanticipated expenses created by vacancies. Budget savings from these line items will transferred to the pension and OPEB funds towards the City's unfunded liability.

5. The redistribution request must be submitted to the Finance Department for verification and confirmation, and then Finance will forward to the City Manager. Confirmation of the change will be made to the originating department by the Finance Department once the change has been approved.

6. No funds authorized in capital outlay may be encumbered unless said purchase was detailed in the "approved" budget.

   Any Capital Improvement Project (CIP) deferrals due to cost over-runs in other CIP items shall be communicated to the Council and the Controller/Treasurer.

   The City Manager may approve transfers of savings from completed CIP items to non-completed CIP items. Any transfers that cause the particular item or project to exceed its original budget 10% or greater will be communicated to Council and the Controller/Treasurer.

   To request an exception in capital outlay or project categories, submit a written memorandum explaining the request and attach a copy of the original budget submission. The memorandum must explain the reason for not purchasing the authorized items. A copy noting the action taken on the request by the City Manager will be returned to the respective department. Council and the Controller/Treasurer will be copied on all exception request approvals.

   All capital outlay change requests must be accompanied by a Capital Improvement Project worksheet in the following instances:
   - Scrap a CIP and create a new CIP
   - Reduce approved CIP and create a new CIP
   - New funded CIP (grant)

   The Controller/Treasurer will adjust project budgets each year to include prior year project balances before finalizing the Carry Forward Budget Balances for multi-year projects or projects not completed due to unforeseen circumstances. This process will be followed only on projects that were approved by City Council in a prior year CIP.

7. The City Manager may approve intra-fund transfers (i.e., within the General Fund) of up to five percent per annum, Form COD #98, with the exception of line items associated with salary and benefits.

8. All personnel positions will receive and be adhered to, the documented increases as approved through the budget process. Any exceptions require Council approval.

9. Budget amendments exceeding that authorized above or that affect budget balances shall be referred to the City Council.

CITY OF DOVER

COST CENTER REQUEST FOR BUDGET AMENDMENT

Department: _____ Fiscal Year: _____

From Account #: _____ Date of Request: _____

To Account #: _____ (Check Only One)

☐ Change Within Budget

☐ Supplemental Appropriation

☐ Departmental Transfers

By: _____

(Signature)

	Element Object	Account Name	Original Budget	Net Previous Changes	Current Revised Budget		Requested Change or Supplement	Adjusted Budget	YTD Expense
FROM									
TO									
	1	2	3	4	5		6	7	8

Request Justification: _____

_____

_____

_____

Instructions: Complete all appropriate items. Figures in columns four and seven must be preceded by a "plus" or a "minus" sign. Round all figures to nearest one hundred dollar. Use the reverse side of this form if additional space is needed to justify request. Form must bear the live signature(s) of cost center manager(s). Before submitting request to Finance Department for consideration, obtain verification from the accounting department that all figures are correct. Submit copy of request to the City Manager. A copy will be returned noting the action taken.

Approval: _____ _____

City Manager Controller/Treasurer

Date of Action: _____

Approved as: Requested ☐ Approved as Modified ☐ Denied ☐

Deferred Until: _____

For Finance Department Use Only **Processed:** _____ **By:** _____

COD FINANCE FORM 98

PERSONNEL INFORMATION

- PERSONNEL TABLE
- PERSONNEL COST SUMMARY
- OVERTIME TRENDS
  - FY14 THROUGH FY17 COMPARISON

City of Dover
Fiscal Year 2017 Proposed Budget

DEPT/DIVISION	2014-2015 BUDGET	2015-2016 BUDGET	2016-2017 BUDGET	CHANGE
CITY CLERK	4.0	4.0	4.0	0.0
CITY MANAGER	4.0	4.0	4.0	0.0
CODE ENFORCEMENT	5.0	5.0	5.0	0.0
CUSTOMER SERVICES	14.0	14.0	13.0	(1.0)
ECONOMIC DEVELOPMENT	3.0	3.0	3.0	0.0
FACILITIES MANAGEMENT	7.0	7.0	5.0	(2.0)
FINANCE	8.0	8.0	8.0	0.0
FIRE DEPARTMENT	6.0	5.0	5.0	0.0
FLEET MAINTENANCE	6.0	6.0	6.0	0.0
GROUNDS	13.0	13.0	13.0	0.0
HUMAN RESOURCES	3.0	3.0	3.0	0.0
INFORMATION TECHNOLOGY	5.0	4.0	4.0	0.0
INSPECTIONS	6.0	6.0	6.0	0.0
LIBRARY	13.0	13.0	13.0	0.0
LIFE SAFETY	3.0	3.0	3.0	0.0
MAYOR	1.0	1.0	1.0	0.0
PARKS AND RECREATION	5.0	5.0	5.0	0.0
PLANNING	5.0	6.0	6.0	0.0
POLICE - TOTAL*	124.0	134.0	134.0	0.0
PROCUREMENT AND INVENTORY	3.0	3.0	3.0	0.0
PUBLIC WORKS - ADMINISTRATION	5.0	6.0	6.0	0.0
PUBLIC WORKS - ENGINEERING	3.0	3.0	3.0	0.0
SANITATION	11.0	10.0	10.0	0.0
STREETS	8.0	8.0	8.0	0.0
TAX ASSESSOR	3.0	3.0	3.0	0.0
GENERAL FUND AND CDBG TOTAL	**268.0**	**277.0**	**274.0**	**(3.0)**
ELECTRIC ADMINISTRATION	3.0	4.0	5.0	1.0
ELECTRIC SYSTEM OPERATIONS	5.0	5.0	5.0	0.0
ELECTRIC ENGINEERING	10.0	10.0	10.0	0.0
ELECTRIC T & D	24.0	24.0	24.0	0.0
METER READING - CUSTOMER SERVICE	3.0	4.0	4.0	0.0
ELECTRIC FUND TOTAL	**45.0**	**47.0**	**48.0**	**1.0**
WATER/WASTEWATER ENGINEERING	5.0	5.0	5.0	0.0
WATER CONSTRUCTION	3.0	0.0	0.0	0.0
WATER MANAGEMENT	4.0	6.0	6.0	0.0
WASTEWATER MANAGEMENT	11.0	11.0	11.0	0.0
WATER TREATMENT PLANT	11.0	13.0	13.0	0.0
WATER/WASTEWATER FUND TOTAL	**34.0**	**35.0**	**35.0**	**0.0**
TOTAL FULL-TIME PERSONNEL	**347.0**	**359.0**	**357.0**	**(2.0)**

*101 Officers; 33 Civilians - 134 Total Employees

DEPT/DIVISION	2014-2015 BUDGET	2015-2016 BUDGET	2016-2017 BUDGET	CHANGE
PART-TIME PERSONNEL				
CITY COUNCIL COMMITTEES	17.0	17.0	17.0	0.0
CITY MANAGER	0.0	4.0	4.0	0.0
PLANNING COMMISSION	14.0	14.0	14.0	0.0
FIRE (4 On Call Dispatchers & Chief's Assistant)	2.0	3.0	5.0	2.0
GROUNDS	1.0	0.0	0.0	0.0
PARKS AND RECREATION	14.0	14.0	14.0	0.0
LIBRARY	13.0	19.0	19.0	0.0
PROCUREMENT AND INVENTORY	1.0	1.0	1.0	0.0
CUSTOMER SERVICES	1.0	4.0	4.0	0.0
FINANCE	0.0	1.0	0.0	(1.0)
INFORMATION TECHNOLOGY	0.0	1.0	1.0	0.0
ELECTRIC ENGINEERING	0.0	0.0	1.0	1.0
COMMUNITY DEVELOPMENT GRANT	0.0	0.0	0.0	0.0
SUBSTANCE ABUSE GRANT	15.0	10.0	10.0	0.0
POLICE CADET - GRANT	0.0	6.0	6.0	0.0
TOTAL PART-TIME PERSONNEL	**78.0**	**94.0**	**96.0**	**2.0**
TOTAL PERSONNEL	**425.0**	**453.0**	**453.0**	**0.0**

City of Dover
Personnel Budget
Fiscal Year 2017
Total City by Fund

Dept/Div Number	Division Title	Base Pay 10-11	Bonus/Allow./SD On Call 10-11	Overtime 10-12	Part Time/Temp 10-13	Total Wages	Total Benefits	Total Personnel
1100-511	City Clerk	$ 228,300	$ -	$ -	$ -	$ 228,300	$ 144,500	$ 372,800
1200-512	City Council	-	-	-	84,300	84,300	6,700	91,000
1300-513	Assessor	132,200	-	-	-	132,200	85,700	217,900
1400-514	Fire	207,500	600	43,000	37,100	288,200	149,500	437,700
1500-522	Grounds	493,200	2,200	12,200	-	507,600	445,800	953,400
1500-523	Library	616,300	-	3,700	271,200	891,200	477,800	1,369,000
1500-525	Recreation	234,400	-	1,600	122,100	358,100	141,400	499,500
1600-531	Life Safety	150,300	8,500	8,000	-	166,800	64,800	231,600
1600-532	Code Enforcement	222,700	-	2,500	-	225,200	171,100	396,300
1600-533	Planning	380,300	(36,000)	1,000	15,000	360,300	152,800	513,100
1600-534	Building Inspections	277,500	-	2,000	-	279,500	224,100	503,600
1600-535	Economic Development	151,700	-	-	-	151,700	62,700	214,400
1700-542	Civilian Police	1,467,600	26,100	70,900	-	1,564,600	1,029,100	2,593,700
1700-543	Law Enforcement	7,291,700	212,100	450,600	-	7,954,400	4,298,500	12,252,900
1700-544	Police Extra Duty	704,300	-	-	-	704,300	97,400	801,700
1800-554	Streets	306,800	1,700	7,900	-	316,400	272,600	589,000
1800-555	Sanitation	380,800	1,300	17,500	-	399,600	333,300	732,900
2100-515	City Manager	345,500	6,000	2,000	11,500	365,000	138,300	503,300
2200-516	Information Technology	250,200	-	-	13,800	264,000	177,400	441,400
2300-517	Finance	515,800	-	-	-	515,800	295,800	811,600
2400-551	Public Works Admin	370,500	500	-	-	371,000	290,600	661,600
2500-552	Facilities	234,900	700	6,400	-	242,000	217,500	459,500
2600-553	Public Works Engineering	132,400	400	500	-	133,300	70,300	203,600
2700-571	Procurement & Inventory	165,800	-	1,000	21,400	188,200	125,800	314,000
2800-572	Fleet Maintenance	280,100	3,300	6,700	-	290,100	176,100	466,200
2900-529	Customer Service	556,100	-	-	82,700	638,800	438,400	1,077,200
3100-518	Human Resources	187,100	-	-	-	187,100	158,000	345,100
3200-519	Mayor	45,000	-	-	-	45,000	12,300	57,300
	Total General Fund	**$ 16,329,000**	**$ 227,400**	**$ 637,500**	**$ 659,100**	**$ 17,853,000**	**$ 10,258,300**	**$ 28,111,300**

Dept/Div Number	Division Title	Base Pay 10-11	Bonus/Allow./SD On Call 10-11	Overtime 10-12	Part Time/Temp 10-13	Total Wages	Total Benefits	Total Personnel
2600-553	Engineering	$ 310,900	$ 900	$ 1,000	$ -	$ 312,800	$ 140,800	$ 453,600
6800-568	Water	281,000	8,200	12,000	-	301,200	226,200	527,400
6900-569	Wastewater	383,400	12,700	25,000	-	421,100	233,300	654,400
7600-576	Water Treatment	583,400	6,000	30,000	-	619,400	420,700	1,040,100
	Total Water/Wastewater Fund	**$ 1,558,700**	**$ 27,800**	**$ 68,000**	**$ -**	**$ 1,654,500**	**$ 1,021,000**	**$ 2,675,500**

Dept/Div Number	Division Title	Base Pay 10-11	Bonus/Allow./SD On Call 10-11	Overtime 10-12	Part Time/Temp 10-13	Total Wages	Total Benefits	Total Personnel
8200-562	T & D	$ 1,513,300	$ 49,200	$ 106,800	$ -	$ 1,669,300	$ 983,200	$ 2,652,500
8300-563	Engineering	605,200	10,800	11,100	10,600	637,700	303,800	941,500
8400-564	Administration	346,700	-	-	-	346,700	133,000	479,700
8500-565	Meter Reading	185,100	8,100	19,100	12,500	224,800	125,800	350,600
8600-526	System Operators	338,800	5,200	72,900	-	416,900	234,800	651,700
	Total Electric Fund	**$ 2,989,100**	**$ 73,300**	**$ 209,900**	**$ 23,100**	**$ 3,295,400**	**$ 1,780,600**	**$ 5,076,000**

Dept/Div Number	Division Title	Base Pay 10-11	Bonus/Allow./SD On Call 10-11	Overtime 10-12	Part Time/Temp 10-13	Total Wages	Total Benefits	Total Personnel
9900-596	CDBG	$ -	$ 36,000	$ -	$ -	$ 36,000	$ -	$ 36,000
9900-542	Police Cadet Program	-	-	-	71,400	71,400	9,700	81,100
1500-581	Substance Abuse Grant	-	-	-	59,600	59,600	4,700	64,300
	Total Grant Funds	**$ -**	**$ 36,000**	**$ -**	**$ 131,000**	**$ 167,000**	**$ 14,400**	**$ 181,400**

	GRAND TOTAL	**$ 20,876,800**	**$ 364,500**	**$ 915,400**	**$ 813,200**	**$ 22,969,900**	**$ 13,074,300**	**$ 36,044,200**

CITY OF DOVER
OVERTIME COMPARISON
FISCAL YEAR 2014 THROUGH 2017

	2014				2015				2016 THROUGH APRIL (83.0%)				2017
DEPARTMENT	**Orig. Budget**	**Actual**	**Variance**	**% To Date**	**Orig. Budget**	**Actual**	**Variance**	**% To Date**	**Orig. Budget**	**Actual**	**Variance**	**% To Date**	**Proposed**
CITY CLERK	-	-	-	---	-	-	-	---	-	-	-	---	-
FIRE	48,800	45,836	2,964	93.9%	32,000	43,706	(11,706)	136.6%	43,000	27,699	15,301	64.4%	43,000
GROUNDS	14,900	15,057	(157)	101.1%	11,100	12,002	(902)	108.1%	8,300	11,925	(3,625)	143.7%	12,200
PARKS & RECREATION	-	102	(102)	---	-	398	(398)	---	1,500	1,271	229	84.7%	1,600
LIBRARY	3,700	5,496	(1,796)	148.5%	3,900	3,714	186	95.2%	5,600	2,892	2,708	51.6%	3,700
LIFE SAFETY	7,000	9,523	(2,523)	136.0%	7,600	8,683	(1,083)	114.2%	8,600	3,380	5,220	39.3%	8,000
CODE ENFORCEMENT	2,000	1,179	821	58.9%	2,000	1,891	109	94.5%	5,000	1,025	3,975	20.5%	2,500
PLANNING	-	377	(377)	---	-	282	(282)	---	700	729	(29)	104.2%	1,000
PUBLIC INSPECTIONS	1,000	1,840	(840)	---	1,800	2,084	(284)	115.8%	1,800	2,975	(1,175)	165.3%	2,000
POLICE CIVILIAN	66,200	83,514	(17,314)	126.2%	50,000	82,711	(32,711)	165.4%	66,400	71,029	(4,629)	107.0%	70,900
POLICE LAW ENFORCEMENT	500,000	355,468	144,532	71.1%	400,000	433,344	(33,344)	108.3%	445,000	357,336	87,664	80.3%	450,400
STREET	8,800	10,867	(2,067)	123.5%	4,700	7,574	(2,874)	161.1%	4,100	6,836	(2,736)	166.7%	7,900
SANITATION	13,200	26,215	(13,015)	198.6%	12,100	17,988	(5,888)	148.7%	12,100	14,932	(2,832)	123.4%	17,500
CITY MANAGER	1,500	2,513	(1,013)	167.5%	2,000	517	1,483	25.9%	2,000	1,192	808	59.6%	2,000
FINANCE	-	104	(104)	---	-	37	(37)	---	-	12	(12)	#DIV/0!	-
PW ADMINISTRATION	-	-	-	---	-	-	-	---	-	-	-	#DIV/0!	-
FACILITIES MANAGEMENT	7,600	14,238	(6,638)	187.3%	10,500	11,771	(1,271)	112.1%	10,500	7,990	2,510	76.1%	6,400
PROCUREMENT & INVENTORY	-	2,132	(2,132)	---	1,600	756	844	47.2%	1,000	423	577	42.3%	1,000
VEHICLE MAINTENANCE	2,400	10,451	(8,051)	435.5%	1,000	6,302	(5,302)	630.2%	1,000	6,021	(5,021)	602.1%	6,700
HUMAN RESOURCES	-	-	-	---	-	-	-	---	-	159	(159)	#DIV/0!	-
WATER ENGINEERING	3,300	927	2,373	28.1%	1,600	943	657	58.9%	800	-	800	0.0%	1,000
CONSTRUCTION & MAINT	15,000	12,178	2,822	81.2%	7,100	6,743	357	95.0%	-	-	-	#DIV/0!	-
WATER	11,200	11,755	(555)	105.0%	9,100	8,632	468	94.9%	13,400	12,374	1,026	92.3%	12,000
WASTE-WATER	27,100	24,351	2,749	89.9%	27,000	23,559	3,441	87.3%	27,000	11,467	15,533	42.5%	25,000
WATER TREATMENT PLANT	19,700	24,591	(4,891)	124.8%	34,800	26,750	8,050	76.9%	32,300	38,011	(5,711)	117.7%	30,000
TRANSMISSION/DISTRIBUTION	127,800	110,376	17,424	86.4%	115,000	111,864	3,136	97.3%	115,000	87,458	27,542	76.1%	106,800
ELECTRIC ENGINEERING	15,000	10,912	4,088	72.7%	11,000	7,792	3,208	70.8%	11,000	4,387	6,613	39.9%	11,100
ELECTRIC ADMINISTRATION	-	-	-	---	2,000	91	1,909	4.6%	2,000	-	2,000	0.0%	-
ELECTRIC METERING	8,800	9,377	(577)	106.6%	5,000	13,155	(8,155)	263.1%	11,100	13,700	(2,600)	123.4%	19,100
ELECTRIC SYSTEMS OPERATIONS	50,300	68,038	(17,738)	135.3%	50,000	77,426	(27,426)	154.9%	50,000	58,374	(8,374)	116.7%	72,900
TOTAL	**955,300**	**857,416**	**97,884**	**89.8%**	**802,900**	**910,713**	**(107,813)**	**113.4%**	**879,200**	**743,596**	**135,604**	**84.6%**	**914,700**
ELECTRIC PLANT OPERATIONS	229,500	226,536	2,964	98.7%	198,700	230,378	(31,678)	115.9%	209,200	196,978	12,222	94.2%	185,500
POLICE EXTRA DUTY	690,400	588,971	101,429	85.3%	633,300	478,834	154,466	75.6%	529,200	357,071	172,129	67.5%	704,300

Five Year Forecast Summary

- General Fund
- Water/Wastewater Fund
- Electric Revenue Fund

General Fund

City of Dover General Fund Financial Projections 2017 – 2021

Budget Meetings
May 24, 2016

Key Assumptions

- The FY17 – FY21 Forecast continues to be short on revenues to cover projected expenses incorporating the current growth assumptions.

- Projected Revenues
  - Miscellaneous Revenue – includes Franchise fees, rental income, recreation revenues, administration fees for collecting County impact fees, sale of assets, and other miscellaneous items
  - Transfers In Other (Funds) – includes transfer of revenues from Transfer Taxes, and Police Grants for Extra Duty reimbursements
  - Growth Assumptions on slide #4

- Projected Operating Expenses
  - Other Charges represents the set aside for vacation sell back, retirements, and education assistance
  - Fund Expense – includes Insurance, bad debt expense, City Police Pension Plan appropriations, miscellaneous grant expenses and DDP contributions
  - Growth assumptions as indicated on slide #5

- Water/Wastewater Fund Transfer
  - Phases-in increase for Wastewater each year through 2020

- Funds Capital projects through operating transfers, reserves, and grants
  - Exceptions are the Tar Ditch storm water project, estimated at $7.7 million, and redevelopment of Schutte Park $3.5 million. Total $11.2 million; Will require debt issuance and/or grants; See slide #9

Revenues, Expenditures & Fund Balance

	2016B	2017B	2018F	2019F	2020F	2021F
FUND BALANCE-BEGINNING	**4,400,300**	**4,073,800**	**4,073,800**	**2,719,400**	**950,600**	**(1,004,000)**
REVENUES AND SOURCES						
01-PROPERTY TAXES	12,833,500	12,932,900	13,094,600	13,258,300	13,424,000	13,598,500
02-LICENSES AND PERMITS	2,908,300	3,129,100	3,156,000	3,219,100	3,283,500	3,349,100
03-GRANTS RECEIVED	1,346,600	1,296,600	1,296,600	1,296,600	1,296,600	1,296,600
04-COURT OF CHANCERY FEES	1,090,400	1,100,000	1,122,000	1,144,400	1,167,300	1,190,600
05-SANITATION FEES AND REBATES	2,530,000	2,538,300	2,551,000	2,563,700	2,576,600	2,589,400
06-LIBRARY REVENUE - GENERAL	379,600	382,900	384,800	386,700	388,700	390,600
07-FINES AND POLICE REVENUE	1,112,900	1,288,300	1,301,200	1,314,200	1,327,300	1,340,600
08-INVESTMENT INCOME (LOSS)	140,000	90,000	90,500	90,900	91,400	91,800
09-MISCELLANEOUS SERVICES	981,800	981,300	996,000	1,015,900	1,036,300	1,057,000
10-INDIRECT SERVICES BILLING	5,006,200	5,218,700	5,375,300	5,536,500	5,702,600	5,873,700
11-TRANSFERS IN-ELECTRIC	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
12-TRANSFERS IN-WATER/WW	850,000	875,000	900,000	950,000	1,000,000	1,000,000
13-TRANSFERS IN-OTHER	2,756,100	2,428,200	2,471,600	2,515,900	2,561,000	2,607,000
TOTAL REVENUES AND SOURCES	**41,935,400**	**42,261,300**	**42,739,600**	**43,292,200**	**43,855,300**	**44,384,900**
EXPENDITURES AND USES						
01-SALARIES AND WAGES	17,437,800	17,838,500	18,270,300	18,727,100	19,195,300	19,675,100
02-FICA	**1,315,600**	1,366,700	1,400,900	1,435,900	1,471,800	1,508,600
03-HEALTH INSURANCE	3,009,500	3,401,400	3,605,500	3,821,800	4,051,100	4,294,200
04-OTHER-BENEFITS	650,800	715,500	722,700	729,900	737,200	744,600
05-RETIREE HEALTHCARE	1,567,700	2,039,700	2,121,300	2,206,100	2,294,400	2,386,200
07-PENSION	2,689,700	3,262,800	3,344,400	3,428,000	3,513,700	3,601,500
08-OPEB	1,773,100	1,508,300	1,538,500	1,569,200	1,600,600	1,632,600
09-MATERIALS & SUPPLIES	1,364,600	1,380,700	1,394,500	1,408,500	1,422,500	1,436,800
10-ADMIN EXPENDITURES	5,172,800	4,981,800	5,056,500	5,132,400	5,209,400	5,287,500
11-FUND EXPENSE	2,251,100	2,025,000	2,025,000	2,025,000	2,025,000	2,025,000
12-STREET LIGHT	797,700	804,000	808,000	812,100	816,100	820,200
13-OTHER-CHARGES	342,400	392,200	392,200	392,200	392,200	392,200
14-TRANSFER-TO-DEBT	669,400	685,300	428,700	428,700	428,700	428,700
15-TRANSFER-TO-CIP	2,625,400	1,859,400	2,985,500	2,944,100	2,652,100	3,332,200
TOTAL REVENUES AND SOURCES	**42,261,900**	**42,261,300**	**44,094,000**	**45,061,000**	**45,810,100**	**47,565,400**
SURPLUS/(DEFICIT)	**(326,500)**	**-**	**(1,354,400)**	**(1,768,800)**	**(1,954,800)**	**(3,180,500)**
% REVENUE	*-1%*	*0%*	*-3%*	*-4%*	*-4%*	*-7%*
FUND BALANCE-ENDING	**4,073,754**	**4,073,800**	**2,719,400**	**950,600**	**(1,004,000)**	**(4,184,600)**
% OF REVENUES AND SOURCES	**9.7%**	**9.6%**	**6.4%**	**2.2%**	**-2.3%**	**-9.4%**
Additional Funds Needed	**(718,900)**	**(692,900)**	**699,800**	**2,512,800**	**4,512,400**	**7,735,400**

Revenue Assumptions

REVENUES AND SOURCES						
ACCTTYPE	2016B	2017B	2018F	2019F	2020F	2021F
			1.3%	1.3%	1.3%	1.3%
01-PROPERTY TAXES	12,833,500	12,932,900	13,094,600	13,258,300	13,424,000	13,598,500
	14.4%	0.8%	1.3%	1.3%	1.2%	1.3%
			2.0%	2.0%	2.0%	2.0%
03-LICENSES AND PERMITS	2,908,300	3,129,100	3,191,700	3,255,500	3,320,600	3,387,000
	0.5%	7.6%	2.0%	2.0%	2.0%	2.0%
			0.0%	0.0%	0.0%	0.0%
04-GRANTS RECEIVED	1,427,100	1,401,600	1,401,600	1,401,600	1,401,600	1,401,600
	-1.9%	-1.8%	0.0%	0.0%	0.0%	0.0%
			2.0%	2.0%	2.0%	2.0%
05-COURT OF CHANCERY FEES	1,090,400	1,100,000	1,122,000	1,144,400	1,167,300	1,190,600
	-2.5%	0.9%	2.0%	2.0%	2.0%	2.0%
			0.5%	0.5%	0.5%	0.5%
06-SANITATION FEES AND REBATES	2,530,000	2,538,300	2,550,992	2,563,746	2,576,565	2,589,448
	-1.9%	0.3%	0.5%	0.5%	0.5%	0.5%
			0.5%	0.5%	0.5%	0.5%
07-LIBRARY REVENUE - GENERAL	379,600	382,900	384,815	386,739	388,672	390,616
	-21.1%	0.9%	0.5%	0.5%	0.5%	0.5%
			1.0%	1.0%	1.0%	1.0%
08-FINES	1,112,900	1,288,300	1,301,183	1,314,195	1,327,337	1,340,610
	-4.9%	15.8%	1.0%	1.0%	1.0%	1.0%
			0.5%	0.5%	0.5%	0.5%
09-INVESTMENT INCOME (LOSS)	145,000	95,000	95,475	95,952	96,432	96,914
	89.6%	-34.5%	0.5%	0.5%	0.5%	0.5%
			1.5%	2.0%	2.0%	2.0%
10-MISCELLANEOUS SERVICES	1,177,300	981,300	996,020	1,015,940	1,036,259	1,056,984
	0.8%	-16.6%	1.5%	2.0%	2.0%	2.0%
			3.0%	3.0%	3.0%	3.0%
11-INDIRECT SERVICES BILLING	5,006,200	5,218,700	5,375,261	5,536,519	5,702,614	5,873,693
	3.9%	4.2%	3.0%	3.0%	3.0%	3.0%
			0.0%	0.0%	0.0%	0.0%
12-TRANSFERS IN-OTHER	185,900	258,600	258,600	258,600	258,600	258,600
	0.0%	39.1%	0.0%	0.0%	0.0%	0.0%
			0.0%	0.0%	0.0%	0.0%
12-TRANSFERS IN-ELECTRIC FUND (480)	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
			0.0%	0.0%	0.0%	0.0%
12-TRANSFERS IN-WATER/WW FUND (412)	850,000	875,000	900,000	950,000	1,000,000	1,000,000
	70.0%	2.9%	2.9%	5.6%	5.3%	0.0%
			2.0%	2.0%	2.0%	2.0%
12-TRANSFERS IN-ERLSP (212)	480,000	496,900	506,838	516,975	527,314	537,861
	-3.1%	3.5%	2.0%	2.0%	2.0%	2.0%
			2.0%	2.0%	2.0%	2.0%
12-TRANSFERS IN-REALTY TRANSFER TAX	2,090,200	1,672,700	1,706,154	1,740,277	1,775,083	1,810,584
	22.0%	-20.0%	2.0%	2.0%	2.0%	2.0%

Expenditure Assumptions

EXPENDITURES AND USES						
ACCTTYPE	2016B	2017B	2018F	2019F	2020F	2021F
			2.5%	2.5%	2.5%	2.5%
01-SALARIES AND WAGES	17,437,800	17,838,500	18,284,463	18,741,574	19,210,113	19,690,366
	5.4%	2.3%	2.5%	2.5%	2.5%	2.5%
			2.5%	2.5%	2.5%	2.5%
02-FICA	1,315,600	1,366,700	1,400,868	1,435,889	1,471,786	1,508,581
	7.7%	3.9%	2.5%	2.5%	2.5%	2.5%
			6.0%	6.0%	6.0%	6.0%
03-HEALTH INSURANCE	3,009,500	3,401,400	3,605,484	3,821,813	4,051,122	4,294,189
	22.4%	13.0%	6.0%	6.0%	6.0%	6.0%
			1.0%	1.0%	1.0%	1.0%
04-OTHER-BENEFITS	650,800	715,500	722,655	729,882	737,180	744,552
	26.7%	9.9%	1.0%	1.0%	1.0%	1.0%
			4.0%	4.0%	4.0%	4.0%
05-RETIREE HEALTHCARE	1,567,700	2,039,700	2,121,288	2,206,140	2,294,385	2,386,161
	-4.2%	30.1%	4.0%	4.0%	4.0%	4.0%
			2.5%	2.5%	2.5%	2.5%
07-PENSION	2,689,700	3,262,800	3,344,370	3,427,979	3,513,679	3,601,521
	1.7%	21.3%	2.5%	2.5%	2.5%	2.5%
			2.0%	2.0%	2.0%	2.0%
08-OPEB	1,773,100	1,508,300	1,538,466	1,569,235	1,600,620	1,632,632
	6.5%	-14.9%	2.0%	2.0%	2.0%	2.0%
			1.0%	1.0%	1.0%	1.0%
09-MATERIALS & SUPPLIES	1,364,600	1,380,700	1,394,507	1,408,452	1,422,537	1,436,762
	9.4%	1.2%	1.0%	1.0%	1.0%	1.0%
			1.5%	1.5%	1.5%	1.5%
10-ADMIN EXPENDITURES	5,172,800	4,981,800	5,056,527	5,132,375	5,209,361	5,287,501
	12.3%	-3.7%	1.5%	1.5%	1.5%	1.5%
			0.0%	0.0%	0.0%	0.0%
11-FUND EXPENSE	2,251,100	2,025,000	2,025,000	2,025,000	2,025,000	2,025,000
	-11.6%	-10.0%	0.0%	0.0%	0.0%	0.0%
			0.5%	0.5%	0.5%	0.5%
12-STREET LIGHT	797,700	804,000	808,020	812,060	816,120	820,201
	2.9%	0.8%	0.5%	0.5%	0.5%	0.5%
			0.0%	0.0%	0.0%	0.0%
13-OTHER-CHARGES	742,600	392,200	392,200	392,200	392,200	392,200
	115.6%	-47.2%	0.0%	0.0%	0.0%	0.0%
14-TRANSFER-TO-DEBT	669,400	685,300	428,700	428,700	428,700	428,700
	-30.4%	2.4%	-37.4%	0.0%	0.0%	0.0%
15-TRANSFER-TO-CIP	2,625,400	1,859,400	2,985,500	2,944,100	2,652,100	3,332,200
	19.6%	-29.2%	60.6%	-1.4%	-9.9%	25.6%

Capital Projects - Funding Sources

CAPITAL IMPROVEMENTS PROGRAM	2016B	2017B	2018F	2019F	2020F	2021F
BEGINNING BALANCE	**2,926,700**	**383,900**	**388,900**	**390,800**	**390,800**	**390,800**
APPROPRIATIONS & RECEIPTS						
APPROPRIATION FROM GENERAL FUND	2,625,400	1,859,400	2,985,500	2,944,100	2,652,100	3,332,200
TRANSFER FROM PARKLAND RESERVE	-	80,000	50,000	15,000	55,000	
TRANSFER FROM COM TRANSP FUND	-	-	30,000			
BOND PROCEEDS	-	-	3,710,000	3,710,000	3,710,000	
RECREATION GRANTS	-	105,000	68,000	-	73,000	
PUBLIC WORKS GRANTS - DNREC	80,500	-	-	-	-	
SALE OF ASSETS & AUCTION RECEIPTS	120,800	-	-	-	-	
DONATIONS FOR SPECIFIC PROJECTS	74,700	-	-	-		
INTEREST EARNINGS	5,000	5,000	5,000	5,000	5,000	5,000
TOTAL RECEIPTS	2,906,400	2,049,400	6,848,500	6,674,100	6,495,100	3,337,200
TOTAL BEGINNING BALANCE & REVENUES	**5,833,100**	**2,433,300**	**7,237,400**	**7,064,900**	**6,885,900**	**3,728,000**

Capital Projects – Use of Funds (See CIP section for details)

CAPITAL IMPROVEMENTS PROGRAM	2016B	2017B	2018F	2019F	2020F	2021F
PROGRAM OPERATING EXPENDITURES						
541 POLICE ADMINISTRATION	302,700	299,800	451,500	399,100	364,700	367,400
PUBLIC SERVICES						
522 GROUNDS	185,200	58,200	59,800	188,000	153,000	151,000
531 LIFE SAFETY	55,700	29,500	-	-	-	-
534 PUBLIC INSPECTIONS	-	-	16,000	-	-	34,000
551 P W ADMINISTRATION	-	-	-	-	-	42,000
554 STREET	3,735,000	1,026,000	5,245,400	5,258,900	5,353,000	1,872,500
555 SANITATION	449,000	261,500	431,700	429,100	204,900	627,000
TOTAL PUBLIC SERVICES	4,424,900	1,375,200	5,752,900	5,876,000	5,710,900	2,726,500
PLANNING & CODE ENFORCEMENT						
533 PLANNING	-	-	16,000	-	-	-
532 CODE ENFORCEMENT	-	-	23,800	-	-	17,000
TOTAL PLANNING & CODE ENFORCEMENT	-	-	39,800	-	-	17,000
514 FIRE DEPARTMENT	445,800	145,700	295,200	295,200	226,300	226,300
525 RECREATION	73,900	165,000	241,000	15,000	161,000	-
TOTAL PROGRAM EXPENDITURES	**5,247,300**	**1,985,700**	**6,780,400**	**6,585,300**	**6,462,900**	**3,337,200**
ADMINISTRATIVE & SUPPORT EXPENDITURES						
515 CITY MANAGER	24,700	-	-	-	-	-
552 FACILITIES MANAGEMENT	-	27,700	28,200	28,800	32,200	-
572 VEHICLE MAINTENANCE	84,500	31,000	38,000	60,000	-	-
TOTAL ADMINISTRATIVE & SUPPORT EXPENDITURES	**109,200**	**58,700**	**66,200**	**88,800**	**32,200**	**-**
TOTAL CAPITAL INVESTMENT	**5,356,500**	**2,044,400**	**6,846,600**	**6,674,100**	**6,495,100**	**3,337,200**
TRANSFERS TO RESERVES						
CAPITAL ASSET RESERVE	92,700	-	-	-	-	-
BUDGET BALANCE - WORKING CAPITAL	383,900	388,900	390,800	390,800	390,800	390,800
TOTAL BUDGET BALANCE & EXPENDITURES	**5,833,100**	**2,433,300**	**7,237,400**	**7,064,900**	**6,885,900**	**3,728,000**

General Fund Projected Debt Service

City of Dover
General Fund
Projected Debt Service

Fiscal Year Ending	2012 Tax- Exempt Loan *	$3,660,000 2014 Series A Bonds	2014 SeriesB Refunding Bond	Total Debt Service	Green Energy Debt Service Contribution	Net Debt Service
6/30/2017	$ 224,700	$ 204,000	$ 249,400	$ 678,100	$ (98,500)	$ 579,600
6/30/2018	224,700	204,000	-	428,700	(98,500)	330,200
6/30/2019	224,700	204,000	-	428,700	(98,500)	330,200
6/30/2020	224,700	204,000	-	428,700	(98,500)	330,200
6/30/2021	224,700	204,000	-	428,700	(98,500)	330,200
6/30/2022	224,700	204,000	-	428,700	(98,500)	330,200
6/30/2023	224,700	204,000	-	428,700	(98,500)	330,200
6/30/2024	224,700	204,000	-	428,700	(98,500)	330,200
6/30/2025	224,700	204,000	-	428,700	(98,500)	330,200
6/30/2026	224,700	204,000	-	428,700	(98,500)	330,200
6/30/2027	224,700	204,000	-	428,700	(98,500)	330,200
6/30/2028	224,700	204,000	-	428,700	(98,500)	330,200
6/30/2029	224,700	204,000	-	428,700	(98,500)	330,200
6/30/2030	224,700	204,000	-	428,700	(98,500)	330,200
6/30/2031	224,700	204,000	-	428,700	(98,500)	330,200
6/30/2032	224,700	204,000	-	428,700	(98,500)	330,200
6/30/2033	205,800	204,000	-	409,800	(98,500)	311,300
6/30/2034	-	204,000	-	204,000	-	204,000
6/30/2035	-	204,000	-	204,000	-	204,000
Totals	$ 3,801,000	$ 3,876,000	$ 249,400	$ 7,926,400	$ (1,674,500)	$ 6,251,900
	Library & Streets	Garrison Farm & Equipment	2003 Bond Refinanced		Library	

Debt Financing – Old PW2/Schutte Park Redevelopment

- The project estimates total $11.3 million
- Annual debt service estimated at $760,000
- Equals a $.025 tax rate increase
- Debt limitations per Charter Section 50
  - Total debt borrowed cannot exceed a sum equal to 5% of the total assessed value of real property within the bounds of the City (Currently estimated $152,960,000)
  - Bonds may be authorized and issued, without a referendum vote, by a resolution of the Council which shall have the affirmative vote of three-fourths of the members thereof and approval of the Mayor
  - To finance capital projects, including, but not limited to, public storm sewers, water mains, sewer mains, streets and public buildings provided that no more than ¼ of one percent (.25%) of taxable assessed value of real property of aggregate principal amount of general obligation bonds may be issued at any one time pursuant to this clause ($7,648,000)
  - and any new bonds issued pursuant to this clause may not cause the total aggregate principal amount of general obligation bonds outstanding at any one time to exceed one percent of the total taxable assessment for a general tax at the time such new bonds are issued ($30,592,000);

WATER/WASTEWATER FUND

City of Dover
Water and Wastewater Fund
Financial Projections
2017 – 2021

Budget Meetings
May 24, 2016

Financial Projections

- An informational tool provided to those charged with governance and management of the City.
- A planning tool used for setting future goals and objectives to meet the City's financial requirements.
- A tool to insure we are meeting three main objectives.
  - Positive net income as measured by audited generally accepted accounting principles (GAAP accounting)
  - Sufficient revenues to cover debt service covenants and ratios as measured by GAAP accounting
  - Sufficient (positive) cash balances to cover items not included in the income statement as measured by budgetary accounting

FY17 – FY21 Key Assumptions

- T/Gallons Growth & Revenues
  - FY17 reduces the FY16 projected revenue for the Calpine Generating Station
  - Forecast includes an assumed .5% growth rate in FY17 and FY20
  - Water Tank space leases projected to increase at 2 1/2% each year
- Projected Operating Expenses includes the following assumptions:
  - Pay increases included for applicable Collective Bargaining Agreements
  - Growth in Division expenses 2017 – 2020 = 3% annual
    - Increased retiree health insurance premiums - 6.0% annual
    - Growth in expenses is greater than the assumptions in revenue growth
- Continues to increase the General Fund Transfer each year for Wastewater through 2019.
- Maintains transfers to the Capital Project Fund each year for water quality and inflow/infiltration projects
- Includes systematic write off of current water meters to be replaced with new meters where applicable
- Emphasis on level of capital improvements to replace failing infrastructure
- Impact Fees are projected to be used to pay debt service and partial wastewater project financing
- Includes Transfers to the Electric I & E Fund for allocation of estimated cost for ERP system $231,100

- *The Wastewater Utility experiences a negative cash position starting in FY18 and the Water Utility in FY19. Unless greater growth occurs or realized costs reductions are sustained the rates would need to be increased to maintain positive net income and cash, assuming all the above assumptions are met. We would recommend a cost of service study for the Water/Wastewater Utility to determine appropriate rates and if the current rate structure is equitable among all users.*

Net Income – Combined Water & Wastewater

Net Income - Combined Water & Wastewater	Revised 2016	Proposed 2017	Projection 2018	Projection 2019	Projection 2020	Projection 2021
Water Fees	$ 5,366,600	$ 5,800,000	$ 5,829,000	$ 5,858,100	$ 5,887,401	$ 5,916,802
Wastewater Fees	3,823,800	3,800,000	3,819,000	3,838,100	3,857,301	3,876,602
Treatment Fees - Kent County	2,997,600	3,000,000	3,015,000	3,030,100	3,045,300	3,060,500
Groundwater Inflow Adjustment	1,965,600	1,938,000	1,947,700	1,957,400	1,967,200	1,977,000
Miscellaneous Income - Water	370,000	397,700	406,900	416,300	425,900	435,800
Miscellaneous Income - Wastewater	28,100	31,500	31,500	31,500	31,500	31,500
Impact Fees - Water	253,400	252,000	252,000	252,000	252,000	252,000
Impact Fees - Wastewater	222,400	228,000	228,000	228,000	228,000	228,000
Total Revenue	15,027,500	15,447,200	15,529,100	15,611,500	15,694,602	15,778,204
Treatment Fees - Kent County	(4,130,000)	(4,130,000)	(4,150,700)	(4,171,500)	(4,192,400)	(4,213,400)
Operating Expenses - Water	(3,685,600)	(3,714,100)	(3,790,600)	(3,897,600)	(4,008,000)	(4,122,100)
Operating Expenses - Wastewater	(2,132,400)	(2,293,800)	(2,340,800)	(2,407,500)	(2,466,200)	(2,537,000)
Operating Transfers - Out Water	(550,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)
Operating Transfers - Out Wastewater	(300,000)	(375,000)	(400,000)	(450,000)	(500,000)	(500,000)
Total Operating Expenses	(10,798,000)	(11,012,900)	(11,182,100)	(11,426,600)	(11,666,600)	(11,872,499)
Operating Income	4,229,500	4,434,300	4,347,000	4,184,900	4,028,002	3,905,705
Non-Oper. Rev. - Interest on Operating	10,000	20,000	12,000	12,000	12,000	12,000
Non-Oper. Rev. - Interest on Reserves	26,400	25,700	24,000	24,000	23,400	23,500
Income Available For Debt Service	4,265,900	4,480,000	4,383,000	4,220,900	4,063,402	3,941,205
Interest for Long-Term Debt	(370,400)	(382,300)	(396,100)	(379,400)	(369,300)	(354,800)
Cash From Operations	3,895,500	4,097,700	3,986,900	3,841,500	3,694,102	3,586,405
Non Cash Investment Income/(Loss)						
Depreciation Expense	(3,237,800)	(3,465,300)	(3,774,500)	(4,062,400)	(4,288,300)	(4,482,200)
Net Income ($)	$ 657,700	$ 632,400	$ 212,400	$ (220,900)	$ (594,198)	$ (895,795)
Debt Service Coverage						
Income Avail. for Debt Service	$ 4,265,900	$ 4,480,000	$ 4,383,000	$ 4,220,900	$ 4,063,402	$ 3,941,204
Total Debt Service	$ 1,132,400	$ 1,227,200	$ 1,339,300	$ 1,368,400	$ 1,375,000	$ 1,379,000
Debt Service Coverage Ratio (1.20)	3.77	3.65	3.27	3.08	2.96	2.86
Transfer to I & E Fund - Combined	$ 3,300,000	$ 2,000,000	$ 2,600,000	$ 3,400,000	$ 3,400,000	$ 3,400,000
Transfer to Impact Fee Reserve - Combined	-	-	-	-	-	-
Transfer to Cap Asset & Cont. Reserve - Combined	32,000	401,200	231,100	-	-	-
Reinvestment of Reserve Interest - Combined	26,400	25,700	24,000	24,000	23,400	23,500
Debt Service Principal - Combined	762,000	844,900	943,200	989,000	1,000,200	1,011,600
Total Cash Budget Requirements - Combined	$ 4,120,400	$ 3,271,800	$ 3,798,300	$ 4,413,000	$ 4,423,600	$ 4,435,100
Net Positive/(Negative Cash)	$ (224,900)	$ 825,900	$ 188,600	$ (571,500)	$ (729,498)	$ (848,695)

Net Income - Water

Net Income - Water	Revised 2016	Proposed 2017	Projection 2018	Projection 2019	Projection 2020	Projection 2021
Water Fees	$ 5,366,600	$ 5,800,000	$ 5,829,000	$ 5,858,100	$ 5,887,401	$ 5,916,802
Miscellaneous Income - Water	370,000	397,700	406,900	416,300	425,900	435,800
Impact Fees - Water	253,400	252,000	252,000	252,000	252,000	252,000
Total Revenue	5,990,000	6,449,700	6,487,900	6,526,400	6,565,301	6,604,602
Operating Expenses - Water	(3,685,600)	(3,714,100)	(3,790,600)	(3,897,600)	(4,008,000)	(4,122,100)
Operating Transfers - Out	(550,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)
Total Operating Expenses	(4,235,600)	(4,214,100)	(4,290,600)	(4,397,600)	(4,508,000)	(4,622,100)
Operating Income	1,754,400	2,235,600	2,197,300	2,128,800	2,057,301	1,982,502
Non-Oper. Rev. - Interest on Operating	5,000	10,000	10,000	10,000	10,000	10,000
Non-Oper. Rev. - Interest on Reserves	7,900	8,200	7,600	7,400	6,700	6,800
Income Available For Debt Service	1,767,300	2,253,800	2,214,900	2,146,200	2,074,001	1,999,302
Interest for Long-Term Debt	(184,700)	(198,400)	(211,000)	(198,700)	(189,100)	(179,300)
Cash From Operations	1,582,600	2,055,400	2,003,900	1,947,500	1,884,901	1,820,002
Depreciation Expense	(1,579,700)	(1,706,400)	(1,888,700)	(1,999,800)	(2,116,900)	(2,196,600)
Net Income ($)	$ 2,900	$ 349,000	$ 115,200	$ (52,300)	$ (231,999)	$ (376,598)
Debt Service Coverage						
Income Avail. for Debt Service	$ 1,767,300	$ 2,253,800	$ 2,214,900	$ 2,146,200	$ 2,074,001	$ 1,999,302
Total Debt Service	$ 521,100	$ 590,300	$ 663,400	$ 666,700	$ 662,600	$ 665,400
Debt Service Coverage Ratio	3.39	3.82	3.34	3.22	3.13	3.00
Transfer to I & E Fund - Water	$ 1,800,000	$ 1,000,000	$ 1,200,000	$ 1,600,000	$ 1,600,000	$ 1,600,000
Transfer to Impact Fee Reserve - Water	-	-	-	-	-	-
Transfer to Capital Asset & Contingency Reserves	32,000	225,600	115,500	-	-	-
Reinvestment of Reserve Interest	7,900	8,200	7,600	7,400	6,700	6,800
Debt Service Principal	336,400	391,900	452,400	468,000	468,000	473,500
Total Cash Budget Requirements	2,176,300	1,625,700	1,775,500	2,075,400	2,074,700	2,080,300
Net Positive/(Negative Cash)	$ (593,700)	$ 429,700	$ 228,400	$ (127,900)	$ (189,799)	$ (260,298)

Net Income - Wastewater

Net Income - Wastewater	Revised 2016	Proposed 2017	Projection 2018	Projection 2019	Projection 2020	Projection 2021
Wastewater Fees	$ 3,823,800	$ 3,800,000	$ 3,819,000	$ 3,838,100	$ 3,857,301	$ 3,876,602
Treatment Fees - Kent County	2,997,600	3,000,000	3,015,000	3,030,100	3,045,300	3,060,500
Groundwater Inflow Adjustment	1,965,600	1,938,000	1,947,700	1,957,400	1,967,200	1,977,000
Miscellaneous Income - Wastewater	28,100	31,500	31,500	31,500	31,500	31,500
Impact Fees - Wastewater	222,400	228,000	228,000	228,000	228,000	228,000
Total Revenue	9,037,500	8,997,500	9,041,200	9,085,100	9,129,301	9,173,602
Treatment Expense - Kent County	(4,130,000)	(4,130,000)	(4,150,700)	(4,171,500)	(4,192,400)	(4,213,400)
Operating Expenses - Wastewater	(2,132,400)	(2,293,800)	(2,340,800)	(2,407,500)	(2,466,200)	(2,537,000)
Operating Transfers - Out	(300,000)	(375,000)	(400,000)	(450,000)	(500,000)	(500,000)
Total Operating Expenses	(6,562,400)	(6,798,800)	(6,891,500)	(7,029,000)	(7,158,600)	(7,250,400)
Operating Income	2,475,100	2,198,700	2,149,700	2,056,100	1,970,701	1,923,202
Non-Oper. Rev. - Interest on Operating	5,000	10,000	2,000	2,000	2,000	2,000
Non-Oper. Rev. - Interest on Reserves	18,500	17,500	16,400	16,600	16,700	16,700
Income Available For Debt Service	2,498,600	2,226,200	2,168,100	2,074,700	1,989,401	1,941,902
Interest for Long-Term Debt	(185,700)	(183,900)	(185,100)	(180,700)	(180,200)	(175,500)
Cash From Operations	2,312,900	2,042,300	1,983,000	1,894,000	1,809,201	1,766,402
Depreciation Expense	(1,658,100)	(1,758,900)	(1,885,800)	(2,062,600)	(2,171,400)	(2,285,600)
Net Income ($)	$ 654,800	$ 283,400	$ 97,200	$ (168,600)	$ (362,199)	$ (519,198)
Debt Service Coverage						
Income Avail. for Debt Service	$ 2,498,600	$ 2,226,200	$ 2,168,100	$ 2,074,700	$ 1,989,401	$ 1,941,902
Total Debt Service	$ 611,300	$ 636,900	$ 675,900	$ 701,700	$ 712,400	$ 713,600
Debt Service Coverage Ratio	4.09	3.50	3.21	2.96	2.79	2.72
Transfer to I & E Fund - Wastewater	$ 1,500,000	$ 1,000,000	$ 1,400,000	$ 1,800,000	$ 1,800,000	$ 1,800,000
Transfer to Impact Fee Reserve - Wastewater	-	-	-	-	-	-
Transfer to Electric I & E Fund	-	175,600	115,600	-	-	-
Reinvestment of Reserve Interest	18,500	17,500	16,400	16,600	16,700	16,700
Debt Service Principal	425,600	453,000	490,800	521,000	532,200	538,100
Total Cash Budget Requirements	$ 1,944,100	$ 1,646,100	$ 2,022,800	$ 2,337,600	$ 2,348,900	$ 2,354,800
Net Positive/(Negative Cash)	$ 368,800	$ 396,200	$ (39,800)	$ (443,600)	$ (539,699)	$ (588,398)

Capital Improvement Plan

CAPITAL PROJECTS	Revised 2016	Proposed 2017	Projection 2018	Projection 2019	Fiscal Year 2020	Fiscal Year 2021	5 Yr Projctd Total
Vehicles & Equipment (Split W/WW 50%)	$ -	$ 30,400	$ 31,000	$ 23,000	$ 28,000	$ -	$ 112,400
Water, Water Construction & Water Treatment							
Vehicles & Equipment - Water	106,000	145,000	339,700	224,300	240,700	25,000	974,700
Meter Reading - Radio Read Meters (Split W/WW 50%)	150,000	200,000	200,000	200,000	200,000	200,000	1,000,000
1.0 MG Elevated Storage Tank	2,468,200	-	-	-	-	-	-
West Dover Connector - Design	76,400	-	-	-	-	-	-
Garrison Oak Technical Park - Water Tower	1,297,300	-	-	-	-	-	-
New Burton Road - Kent County Water Main	30,000	-	-	-	-	-	-
Shallow Well #7 Abondonment	15,000	-	-	-	-	-	-
Fence at Bayard Avenue Water Tower	84,200	-	-	-	-	-	-
Projects with Locations to be Determined							-
Future Well Installation	80,000	100,000	1,098,300	-	-	-	1,198,300
Wellhead Redevelopment	82,500	85,000	87,500	90,000	92,500	95,000	450,000
Water Quality Improvements	895,000	645,800	265,800	881,000	919,000	1,167,000	3,878,600
Emergency Repairs - line breaks	75,000	75,000	77,000	79,000	81,000	83,000	395,000
SCADA Upgrades	83,000	88,000	-	-	-	-	88,000
Treatment Plant Improvements	284,400	1,200,000	1,200,000	-	-	-	2,400,000
Total Water	**5,727,000**	**2,538,800**	**3,268,300**	**1,474,300**	**1,533,200**	**1,570,000**	**10,384,600**
Wastewater							
Vehicles & Equipment - Wastewater	310,900	47,200	119,000	437,400	78,400	110,000	792,000
Meter Reading - Radio Read Meters (Split W/WW 50%)	150,000	200,000	200,000	200,000	200,000	200,000	1,000,000
Tar Ditch Interceptor Upgrade	-	-	250,000	-	-	-	250,000
Brandywine Pump Station Replacement	101,200	-	-	-	-	-	-
Garrison Oak Technical Park - PS & force main	628,500	-	-	-			-
Lepore Road Pump Station Replacement	-	50,000	250,000	-	-	-	300,000
Rolling Acres Pump Station Replacement	52,000	372,000	-	-	-	-	372,000
Turnberry Pump Station	-	-	-	-	-	60,000	60,000
DelTech Pump Station Replacement	-	52,000	384,000	-	-	-	436,000
Westover Pump Station & Force Main Upgrade	1,292,400	-	-	-	-	-	-
Lakeview Drive Pump Station Replacement	359,600	-	-	-	-	-	-
Sliver Lake Pump Station Replacement	-	52,000	-	396,000	-	-	448,000
US Rt. 113 East Pump Station Repair	140,000	-	-	-	-	-	-
Hazlettville Road Interceptor - Impact Fees	774,100	-	-	-	-	-	-
Walker Woods Pump Station Replacement	-	52,000	-	-	408,000	-	460,000
College Road Pump Station Replacement	-	-	-	-	55,000	420,000	475,000
Retreat Pump Station Replacement	447,700	-	-	-	-	-	-
McKee Tax Ditch Sewer Repair	27,300	-	-	-	-	-	-
St Jones River Sewer Repair	47,300	-	-	-	-	-	-
Puncheon Run Pump Station Upgrade/Repair	160,000	-	-	-	-	-	-
West Dover Connector	387,300	-	-	-	-	-	-
Delaware Avenue Sanitary Sewer Extension	25,000	-	-	-	-	-	-
US Rt. 113 East PS # 7 Repair - Controller	97,000	-	-	-	-	-	-
Location/Pump Station to be Determined							-
Inflow/Infiltration Removal/System Improvements	223,800	1,121,000	1,173,000	1,171,000	1,169,000	1,167,000	5,801,000
Misc. Sewer System Improvements	75,000	75,000	77,000	79,000	81,000	83,000	395,000
Total Wastewater	**$ 5,299,100**	**$ 2,021,200**	**$ 2,453,000**	**$ 2,283,400**	**$ 1,991,400**	**$ 2,040,000**	**$ 10,789,000**
Total Water/Wastewater Improvements	**$ 11,026,100**	**$ 4,590,400**	**$ 5,752,300**	**$ 3,780,700**	**$ 3,552,600**	**$ 3,610,000**	**$ 21,286,000**

Capital Improvement Plan – Funding Sources

FUNDING SOURCES	Revised 2016	Proposed 2017	Projection 2018	Projection 2019	Projection 2020	Projection 2021	5 Yr Projctd Total
I & E Fund Budget Balance - Water	$ 4,990,300	$ 1,179,900	$ 2,226,700	$ 201,600	$ 412,200	$ 475,000	
I & E Fund Budget Balance - Wastewater	$ 4,551,700	$ 952,600	$ 1,021,400	$ 358,900	$ 282,000	$ 108,600	
Transfer from Operating Fund - Water	1,800,000	1,000,000	1,200,000	1,600,000	1,600,000	1,600,000	7,000,000
Transfer from Operating Fund - Wastewater	1,500,000	1,000,000	1,400,000	1,800,000	1,800,000	1,800,000	7,800,000
Transfer from Impact Fee Reserve - Water	-	190,800	48,700	86,400	-	-	325,900
Transfer from Impact Fee Reserve - Wastewater	165,000	211,200	-	-	22,000	192,000	425,200
State Loan Fund - Water 2017	-	2,400,000	-	-	-	-	2,400,000
State Loan Fund - Wastewater 2017	-	884,000	396,000	408,000	-	-	1,688,000
Interest Income	69,900	20,000	20,000	20,000	20,000	20,000	100,000
Grants/State Reimbursements	20,300	-	-	-	-	-	-
Miscellaneous Receipts	61,400	-	-	-	-	-	-
Total Funding Sources	**$ 3,616,600**	**$ 5,706,000**	**$ 3,064,700**	**$ 3,914,400**	**$ 3,442,000**	**$ 3,612,000**	**$19,739,100**
Total Sources of Funds (incl. Budget Balances)	**$13,158,600**	**$ 7,838,500**	**$ 6,312,800**	**$ 4,474,900**	**$ 4,136,200**	**$ 4,195,600**	
Water	$ 1,179,900	$ 2,226,700	$ 201,600	$ 412,200	$ 475,000	$ 515,000	
Wastewater	$ 952,600	$ 1,021,400	$ 358,900	$ 282,000	$ 108,600	$ 70,600	
Total Budget Balances	**$ 2,132,500**	**$ 3,248,100**	**$ 560,500**	**$ 694,200**	**$ 583,600**	**$ 585,600**	

Debt Issues

- Forecast includes the following proposed State Revolving Fund Loans @ 2.0% interest. Revenue Bonds $4.088M.
- Increases needed for bond reserves not included.
- Impact Fees are sometimes used to supplement the project cost related to growth and design fees.
  - FY17
    - Lepore Road Sanitary Sewer Upgrade $250,000
    - Tar Ditch Interceptor $250,000
    - Del Tech Pump Station Replacement $384,000
    - Water Treatment Plant Improvements $2.4 million
  - FY18
    - Silver Lake Pump Station Replacement $396,000
  - FY19
    - Walker Woods Pump Station Replacement $408,000

Water/Wastewater Fund Projected Debt Service - Existing

City of Dover
Water/Wastewater Revenue Bonds
Current Debt Service - Table 1

Fiscal Year Ending	Series 2000 Wastewater	Series 2009 Wastewater	Series 2010 Water	Series 2011 Wastewater	Series 2013 Revenue Bonds - Water	Series 2013 Revenue Bonds - Wastewater	Total Water Debt Service	Total Wastewater Debt Service	Total Debt Service
6/30/2017	$ 53,000	$ 347,100	$ 161,300	$ 58,200	$ 355,900	$ 151,800	$ 517,200	$ 610,100	$ 1,127,300
6/30/2018	53,000	347,100	161,300	58,200	355,800	151,800	517,100	610,100	1,127,200
6/30/2019	53,000	347,100	161,300	58,200	359,100	153,100	520,400	611,400	1,131,800
6/30/2020	53,000	347,100	161,300	58,200	355,100	151,400	516,400	609,700	1,126,100
6/30/2021	-	347,100	161,300	58,200	357,900	152,600	519,200	557,900	1,077,100
6/30/2022	-	347,100	161,300	58,200	356,900	152,200	518,200	557,500	1,075,700
6/30/2023	-	347,100	161,300	58,200	355,700	151,700	517,000	557,000	1,074,000
6/30/2024	-	347,100	161,300	58,200	357,700	152,600	519,000	557,900	1,076,900
6/30/2025	-	347,100	161,300	58,200	214,400	91,500	375,700	496,800	872,500
6/30/2026	-	347,100	161,300	58,200	213,300	91,000	374,600	496,300	870,900
6/30/2027	-	347,100	161,300	58,200	211,800	90,300	373,100	495,600	868,700
6/30/2028	-	347,100	161,300	58,200	213,300	91,000	374,600	496,300	870,900
6/30/2029	-	347,100	161,300	58,200	214,000	91,300	375,300	496,600	871,900
6/30/2030	-	347,100	161,300	58,200	214,000	91,300	375,300	496,600	871,900
6/30/2031	-	347,100	80,700	58,200	214,400	91,500	295,100	496,800	791,900
6/30/2032	-	173,600	-	29,100	213,200	90,900	213,200	293,600	506,800
6/30/2033	-	-	-	-	212,300	90,600	212,300	90,600	302,900
6/30/2034	-	-	-	-	211,100	90,000	211,100	90,000	301,100
Total	$ 212,000	$ 5,380,100	$ 2,338,900	$ 902,100	$ 4,985,900	$ 2,126,600	$ 7,324,800	$ 8,620,800	$ 15,945,600
	SRF	SRF	SRF	SRF	PNC Loan	PNC Loan			

Water/Wastewater Fund Projected Debt Service - New

City of Dover
Water/Wastewater Revenue Bonds
Projected Debt Service - Table 2

New State of Delaware Revolving Fund Loans

Fiscal Year Ending	Series 2017 Water	Series 2017 Wastewater	Series 2018 Wastewater	Series 2019 Wastewater	Total Water Debt Service	Total Wastewater Debt Service	Tables 1 & 2 Total Debt Service
6/30/2017	$ 73,100	$ 27,000	$ -	$ -	$ 73,100	$ 27,000	$ 1,227,400
6/30/2018	146,200	53,900	12,100	-	146,200	66,000	1,339,400
6/30/2019	146,200	53,900	24,200	12,500	146,200	90,600	1,368,600
6/30/2020	146,200	53,900	24,200	24,900	146,200	103,000	1,375,300
6/30/2021	146,200	53,900	24,200	24,900	146,200	103,000	1,326,300
6/30/2022	146,200	53,900	24,200	24,900	146,200	103,000	1,324,900
6/30/2023	146,200	53,900	24,200	24,900	146,200	103,000	1,323,200
6/30/2024	146,200	53,900	24,200	24,900	146,200	103,000	1,326,100
6/30/2025	146,200	53,900	24,200	24,900	146,200	103,000	1,121,700
6/30/2026	146,200	53,900	24,200	24,900	146,200	103,000	1,120,100
6/30/2027	146,200	53,900	24,200	24,900	146,200	103,000	1,117,900
6/30/2028	146,200	53,900	24,200	24,900	146,200	103,000	1,120,100
6/30/2029	146,200	53,900	24,200	24,900	146,200	103,000	1,121,100
6/30/2030	146,200	53,900	24,200	24,900	146,200	103,000	1,121,100
6/30/2031	146,200	53,900	24,200	24,900	146,200	103,000	1,041,100
6/30/2032	146,200	53,900	24,200	24,900	146,200	103,000	756,000
6/30/2033	146,200	53,900	24,200	24,900	146,200	103,000	552,100
6/30/2034	146,200	53,900	24,200	24,900	146,200	103,000	550,300
6/30/2035	146,200	53,900	24,200	24,900	146,200	103,000	249,200
6/30/2036	146,200	53,900	24,200	24,900	146,200	103,000	249,200
6/30/2037	73,100	26,900	24,200	24,900	73,100	76,000	149,100
6/30/2038	-	-	12,100	24,900	-	37,000	37,000
6/30/2039	-	-	-	12,400	-	12,400	12,400
Total	$ 2,924,000	$ 1,078,000	$ 484,000	$ 498,000	$ 2,924,000	$ 2,060,000	$ 20,929,600

(1) Maximum annual debt service on City of Dover, Water/Wastewater Revenue Bonds measured on fiscal year basis.

SRF SRF SRF SRF

Reserve Account Projections

	Revised 2016	Proposed 2017	Projection 2018	Projection 2019	Projection 2020	Projection 2021
Contingency Reserve Account - Water ($250,000)	$119,800	$250,000	$250,000	$250,000	$250,000	$250,000
Balance in Account on July 1	$105,200	$138,000	$249,000	$250,900	$252,800	$254,700
Receipts						
Interest Earned	800	1,000	1,900	1,900	1,900	1,900
Appropriations	32,000	110,000	-	-	-	-
Total Funds Available	$138,000	$249,000	$250,900	$252,800	$254,700	$256,600
Disbursements						
Balance in Account on June 30	$138,000	$249,000	$250,900	$252,800	$254,700	$256,600
Contingency Reserve - Wastewater ($250,000)	$180,800	$250,000	$250,000	$250,000	$250,000	$250,000
Balance in Account on July 1	$190,200	$191,600	$253,100	$255,000	$256,900	$258,900
Receipts						
Appropriations	-	60,000	-	-	-	-
Interest Earned	1,400	1,500	1,900	1,900	2,000	2,000
Total Funds Available	$191,600	$253,100	$255,000	$256,900	$258,900	$260,900
Disbursements						
Balance in Account on June 30	$191,600	$253,100	$255,000	$256,900	$258,900	$260,900
Impact Fee Reserve - Water (20% of Revenue)	$1,073,300	$1,160,000	$1,165,800	$1,171,600	$1,177,500	$1,183,400
Balance in Account on July 1	$427,500	$430,700	$243,200	$196,300	$111,400	$112,200
Receipts						
Interest Earned	3,200	3,300	1,800	1,500	800	900
Total Funds Available	$430,700	$434,000	$245,000	$197,800	$112,200	$113,100
Disbursements						
Transfer to Capital Improvements	-	190,800	48,700	86,400	-	-
Balance in Account on June 30	$430,700	$243,200	$196,300	$111,400	$112,200	$113,100
Impact Fee Reserve - Wastewater (20% of Rev)	$764,800	$760,000	$763,800	$767,600	$771,500	$775,300
Balance in Account on July 1	$1,742,700	$1,590,900	$1,391,800	$1,402,400	$1,413,100	$1,401,800
Receipts						
Interest Earned	13,200	12,100	10,600	10,700	10,700	10,700
Total Funds Available	$1,755,900	$1,603,000	$1,402,400	$1,413,100	$1,423,800	$1,412,500
Disbursements						
Transfer to Capital Improvements	165,000	211,200	-	-	22,000	192,000
Balance in Account on June 30	$1,590,900	$1,391,800	$1,402,400	$1,413,100	$1,401,800	$1,220,500
Capital Asset Reserve - Water (Min. $500K)						
Balance in Account on July 1	$510,700	$514,600	$518,500	$522,400	$526,400	$530,400
Receipts						
Interest Earned	3,900	3,900	3,900	4,000	4,000	4,000
Total Funds Available	$514,600	$518,500	$522,400	$526,400	$530,400	$534,400
Disbursements						
Balance in Account on June 30	$514,600	$518,500	$522,400	$526,400	$530,400	$534,400
Capital Asset Resrv - Wastewater (Min $500K)						
Balance in Account on July 1	$509,500	$513,400	$517,300	$521,200	$525,200	$529,200
Receipts						
Interest Earned	3,900	3,900	3,900	4,000	4,000	4,000
Total Funds Available	$513,400	$517,300	$521,200	$525,200	$529,200	$533,200
Disbursements						
Balance in Account on June 30	$513,400	$517,300	$521,200	$525,200	$529,200	$533,200

Total All Reserves at June 30	$3,379,200	$3,172,900	$3,148,200	$3,085,800	$3,087,200	$2,918,700

Electric Fund

City of Dover
Electric Revenue Fund
Financial Projections
2017 – 2021

Budget Meetings
May 24, 2016

Financial Projections

- An informational tool provided to those charged with governance and management of the City.
- A planning tool used for setting future goals and objectives to meet the City's financial requirements.
- A tool to insure we are meeting three main objectives.
  - Positive net income as measured by audited generally accepted accounting principles (GAAP accounting)
  - Sufficient revenues to cover debt service covenants and ratios as measured by GAAP accounting
  - Sufficient (positive) cash balances to cover items not included in the income statement as measured by budgetary accounting

FY17 – FY21 Key Assumptions

- kWh demand for FY17 – FY21 approximately 1.0% annual growth
- No rate increases in current forecast
- General Fund Transfer each fiscal year remains $10.0 million
- Includes billed revenues for new services & improvements in the Improvement & Extension Fund to offset cost of the improvements ($.9 million annually); *Funds will be restricted to developer/contractor applications for service;*
- Forecasted Operating Expenses as follows:
  - Growth in Division expenses 2018 – 2021 at 3.0% annual
    - Increased retiree health insurance premiums 6.0%
    - Reduced annual appropriations for inventory reserve and increased appropriation for bad debt
  - Power Supply includes cost of Non-Solar Renewable Energy credits as mandated to fulfill the City's Renewable Portfolio Standard
  - Increased transfer to the capital project fund to cover replacement cost of current assets. To be adjusted upon decommissioning of Units 1 & 2.

Net Income

	Revised 2016	Proposed 2017	Projected 2018	Projected 2019	Projected 2020	Projected 2021
Net Income						
Revenue from Current Electric Rates	$ 78,493,800	$ 78,991,200	$ 79,768,300	$ 80,778,700	$ 81,642,700	$ 82,518,500
Utility Tax	1,309,600	1,320,900	1,333,900	1,350,800	1,365,200	1,379,800
Miscellaneous Receipts	1,242,000	1,799,600	1,885,000	1,887,000	1,889,000	1,891,000
Total Operating Revenue	81,045,400	82,111,700	82,987,200	84,016,500	84,896,900	85,789,300
Power Supply & Production	(49,057,800)	(49,155,600)	(50,499,900)	(44,857,000)	(47,306,800)	(47,755,500)
Operating Expenses	(12,409,200)	(13,251,600)	(13,615,300)	(13,995,400)	(14,385,900)	(14,790,100)
Operating Transfers - Out (General Fund)	(10,000,000)	(10,000,000)	(10,000,000)	(10,000,000)	(10,000,000)	(10,000,000)
Total Operating Expenses	(71,467,000)	(72,407,200)	(74,115,200)	(68,852,400)	(71,692,700)	(72,545,600)
Operating Income	9,578,400	9,704,500	8,872,000	15,164,100	13,204,200	13,243,700
Non-Oper. Rev. - Interest on Operating	92,900	88,600	97,500	85,400	94,700	108,700
Non-Oper. Rev. - Interest on Reserves	221,400	220,500	243,100	244,900	231,700	256,300
Operating Transfers - In	-	-	-	-	-	-
Income Available For Debt Service	9,892,700	10,013,600	9,212,600	15,494,400	13,530,600	13,608,700
Interest on Long-Term Debt	(922,700)	(888,000)	(851,600)	(819,800)	(785,800)	(750,000)
Cash From Operations	8,970,000	9,125,600	8,361,000	14,674,600	12,744,800	12,858,700
Non Cash Income/Loss & Reserve Transfers						
Depreciation Expense	(5,477,200)	(5,720,600)	(5,974,800)	(6,203,400)	(6,442,200)	(6,672,000)
Net Income	$ 3,492,800	$ 3,405,000	$ 2,386,200	$ 8,471,200	$ 6,302,600	$ 6,186,700

Debt Service Coverage

	Revised 2016	Proposed 2017	Projected 2018	Projected 2019	Projected 2020	Projected 2021
Debt Service Coverage						
Income Avail. for Debt Service	$ 9,892,700	$ 10,013,600	$ 9,212,600	$ 15,494,400	$ 13,530,600	$ 13,608,700
Total Debt Service	$ 3,287,700	$ 1,583,000	$ 1,581,600	$ 1,584,800	$ 1,585,800	$ 1,590,000
Debt Service Coverage Ratio	3.01	6.33	5.82	9.78	8.53	8.56
Debt Service Coverage Requirement	1.25	1.25	1.25	1.25	2.25	1.25
Debt Service Coverage Requirement Status	*Met*	*Met*	*Met*	*Met*	*Met*	*Met*
Debt Service Safety Margin	8.12%	10.23%	9.16%	16.49%	14.02%	13.95%

Cash Flow Position

CASH SUMMARY	Revised 2016	Proposed 2017	Projected 2018	Projected 2019	Projected 2020	Projected 2021
Cash from Operations	$ 8,970,000	$ 9,125,600	$ 8,361,000	$ 14,674,600	$ 12,744,800	$ 12,858,700
Transfer to I & E Fund	$ 3,500,000	$ 3,400,000	$ 5,400,000	$ 5,900,000	$ 5,900,000	$ 5,900,000
Transfer (from)/to Reserves	(773,000)	2,750,000	-	4,000,000	3,000,000	-
Reinvestment of Reserve Interest	279,300	261,200	266,100	254,900	250,200	380,200
Debt Service Principal	2,365,000	695,000	730,000	765,000	800,000	840,000
Total Cash Budget Requirements	5,371,300	7,106,200	6,396,100	10,919,900	9,950,200	7,120,200
Net Positive/(Negative Cash)	$ 3,598,700	$ 2,019,400	$ 1,964,900	$ 3,754,700	$ 2,794,600	$ 5,738,500

Purchased Power Expense

	Revised 2016	Proposed 2017	Projected 2018	Projected 2019	Projected 2020	Projected 2021
Purchased Power [1]	- kWh -	- kWh -	- kWh -	- kWh -	- kWh -	- kWh -
Long Term Energy Supply	741,304,000	763,129,600	774,465,000	795,728,000	795,839,000	795,596,000
Annual Variation	-2.11%	2.94%	1.49%	2.75%	0.01%	-0.03%
Total Energy Purchases	741,304,000	763,129,600	774,465,000	795,728,000	795,839,000	795,596,000

Purchased Power Expense						
Power Supply (Hedged)	$ 23,402,600	$ 16,557,600	$ 15,625,700	$ 24,421,800	$ 20,881,700	$ 15,076,000
Dover Sun Park - Energy	2,313,900	2,313,900	2,446,700	2,551,500	2,580,200	2,639,700
Dover Sun Park - Solar Recs	363,400	363,400	362,400	373,500	397,800	408,600
Renewable Energy Credits (incl DEMEC)	673,400	673,400	875,300	1,097,700	1,199,000	1,306,500
Regional Greenhouse Gas Initiative	175,000	129,300	129,000	129,500	135,000	162,900
Power Supply Management	996,000	996,000	996,000	996,000	996,000	996,000
PJM Charges - Load Market Purchases	7,966,100	12,357,900	13,654,400	4,262,400	6,245,500	11,964,500
PJM Charges - Trans, ARR, and Fees	7,932,500	7,603,800	7,755,900	7,911,000	8,069,200	8,230,600
Capacity Charges	10,225,100	10,160,600	10,089,400	9,968,200	11,156,100	11,119,000
Generation Fuels	1,167,300	302,600	238,200	219,500	236,100	210,500
PJM Spot Market Energy Revenue	(1,708,300)	(804,900)	(588,300)	(540,000)	(571,700)	(493,300)
PJM Credits - Reactive Power Supply	(360,000)	(360,000)	(367,200)	(374,500)	(382,000)	(389,700)
Capacity Credits	(10,472,100)	(7,355,100)	(6,434,300)	(12,004,400)	(9,611,900)	(9,585,600)
Total Purchase Power Expense	$ 42,674,900	$ 42,938,500	$ 44,783,200	$ 39,012,200	$ 41,331,000	$ 41,645,700
Purchased Power Cost per MWh [2]	$ 57.57	$ 56.27	$ 57.82	$ 49.03	$ 51.93	$ 52.35
Current Hedge Percentage	*76.0%*	*63.0%*	*56.0%*	*88.0%*	*80.0%*	*0.0%*

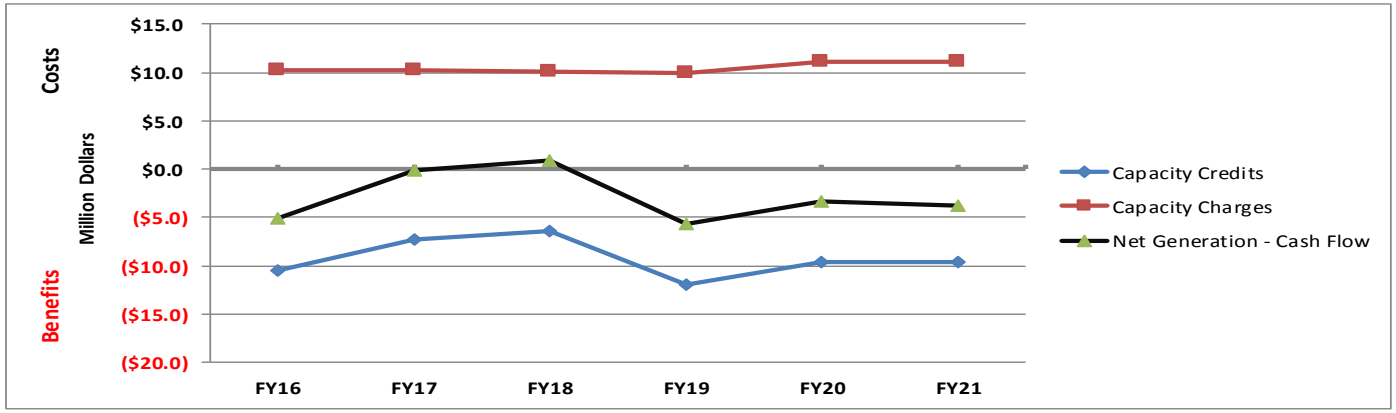
Net Electric Generation Benefit

City of Dover
Net Electric Generation Benefit

	FY16 Revised	FY17 Proposed	FY18 Projected	FY19 Projected	FY20 Projected	FY21 Projected	FY17 thru FY21
Plant Operations	$ 6,382,900	$ 6,217,100	$ 5,716,700	$ 5,844,800	$ 5,975,800	$ 6,109,800	$ 29,864,200
Capacity Credits	(10,472,100)	(7,355,100)	(6,434,300)	(12,004,400)	(9,611,900)	(9,585,600)	(44,991,300)
PJM Spot Market Energy (Net of Fuel)	(2,875,600)	(502,300)	(826,500)	(759,500)	(335,600)	(703,800)	(3,127,700)
PJM Credits	(360,000)	(360,000)	(367,200)	(374,500)	(382,000)	(389,700)	(1,873,400)
Net Generation - Operations	(7,324,800)	(2,000,300)	(1,911,300)	(7,293,600)	(4,353,700)	(4,569,300)	(20,128,200)
Capital Cost	2,299,800	1,842,800	2,770,000	1,668,000	964,000	715,000	7,959,800
Net Generation - Cash Flow	$ (5,025,000)	$ (157,500)	$ 858,700	$ (5,625,600)	$ (3,389,700)	$ (3,854,300)	$ (12,168,400)

The City receives PJM capacity credits for our generating plant capacity. This revenue off-sets PJM's capacity charges which are required to serve approximately 180 MWH of our load plus reserves. If we did not have the ability to generate, we would loose the capacity credit but still have to pay the capacity charges to PJM for our load requirements. The forecast reflects the 40 MHW of capacity purchase with Calpine.

Capacity Charges	$ 10,225,100	$ 10,160,600	$ 10,089,400	$ 9,968,200	$ 11,156,100	$ 11,119,000	$ 52,493,300



Capital Investment Plan 2017 - 2021

CAPITAL PROJECTS	Revised 2016	Proposed 2017	Projected 2018	Projected 2019	Projected 2020	Projected 2021	Yr 1 - Yr 5 Total
Electric Engineering Projects							
Ann Avenue - Underground	$ -	$ -	$ 126,000	$ -	$ -	$ -	$ 126,000
Beeechwood Avenue - Underground	-	-	80,000	-	-	-	80,000
Farmview - Underground	-	-	-	110,000	-	-	110,000
The Greens - Underground	-	-	-	90,000	-	-	90,000
Townpoint Distribution Upgrades	350,000	350,000	350,000	350,000	350,000	350,000	1,750,000
Distribution System Upgrades - Unidentified	-	-	-	300,000	600,000	-	900,000
Substation Relay Upgrade	-	125,000	150,000	75,000	-	-	350,000
Oak Grove Trailer Park Distribution Upgrade	78,500	-	-	-	-	-	-
Lakeland Laurel Point - Distribution Upgrade	63,000	-	-	-	-	-	-
Rt 8/ Mifflin Road Crossing - Distribution Upgrade	51,500	-	-	-	-	-	-
Route 8/Taps - Distribution Upgrade	38,500	-	-	-	-	-	-
Townsend Brothers - Distribution Upgrade	14,500	-	-	-	-	-	-
Persimmon Tree Apartments - Distribution Upgrade	62,000	-	-	-	-	-	-
North Street OH to UG (Governors to Queen)	-	-	170,000	-	-	-	170,000
Dover East Estates - Distribution Upgrade	130,000	-	-	-	-	-	-
Lighting Project and Rehabilitation	67,000	50,000	50,000	50,000	50,000	50,000	250,000
LED Lighting	-	17,500	-	-	-	-	17,500
Ampacity Standardization	-	25,000	25,000	25,000	25,000	25,000	125,000
Satellite Syncrhonized Substation Clocks	30,000	-	-	-	-	-	-
Horsepond Road URD - Distribution Feeders	67,000	-	-	-	-	-	-
SCADA Master Hardware Replacement	-	150,000	-	-	-	-	150,000
Transmission Line Maintenance Program	75,000	75,000	75,000	75,000	75,000	75,000	375,000
GOTP Transmission Line Relocation	408,500	-	120,000	-	-	-	120,000
GOTP Substation	-	-	50,000	-	6,000,000	-	6,050,000
Distribution Capacitors - Overhead	25,000	25,000	25,000	25,000	25,000	25,000	125,000
Distribution Capacitors - Underground	25,000	25,000	25,000	25,000	25,000	25,000	125,000
Fault Indicators	10,000	10,000	10,000	10,000	10,000	-	40,000
Horsepond SS to Cartanza 69kv Rebuild	318,500	-	-	-	-	-	-
69kv Substation Cable Replacement North Street	135,000	-	480,700	-	-	-	480,700
Weyant Hall Roof Refurbishment	151,800	-	-	-	-	-	-
Weyant Hall Security Improvements	50,000	-	-	-	-	-	-
General Scott Switchgear	1,097,200	-	-	-	-	-	-
Dover Air Force Base Substation Relocation	30,000	-	-	-			-
System Operations Voice Recorder	-	-	-	18,000	-	-	18,000
System Automation	-	-	150,000	150,000	150,000	150,000	600,000
Uninterruptible Power Supply (UPS) System Replmnt	-	25,000	-	-	-	-	25,000
Vehicles, Trucks, & Equipment	10,000	33,200	83,200	-	-	-	116,400
Subtotal Electric Engineering Division	**$ 3,288,000**	**$ 910,700**	**$ 1,969,900**	**$ 1,303,000**	**$ 7,310,000**	**$ 700,000**	**$ 12,193,600**
Electric Transmission & Distribution Projects							
New Developments - UG Transformers	$ 516,100	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 2,500,000
New Developments - UG Conductors/Devices	2,295,600	900,000	900,000	900,000	900,000	900,000	4,500,000
DNREC R & R Metering	41,000	-	-	-	-	-	-
NBR Properties, LLC	11,500	-	-	-	-	-	-
PWII/Tar Ditch - Relocation of utility poles & lines	-	450,000	-	-	-	-	450,000
Meter Replacements & System upgrades 60-46 & 40-25	263,100	100,000	100,000	100,000	100,000	100,000	500,000
Vehicles, Trucks, & Equipment	397,600	25,000	553,000	325,000	400,000	310,000	1,613,000
Subtotal Electric Transmission Division	**$ 3,524,900**	**$ 1,975,000**	**$ 2,053,000**	**$ 1,825,000**	**$ 1,900,000**	**$ 1,810,000**	**$ 9,563,000**

Capital Investment Plan 2017 - 2021 continued

CAPITAL PROJECTS	Revised 2016	Proposed 2017	Projected 2018	Projected 2019	Projected 2020	Projected 2021	Yr 1 - Yr 5 Total
Electric Generation Projects							
McKee Run & VanSant Preservation of Structures	$ 215,000	$ 131,000	$ 130,000	$ 100,000	$ 100,000	125,000	586,000
McKee Run Building Equipment Replacements	42,000	59,000	99,000	27,000	66,000	175,000	426,000
Unit 3 Software & Compupter Upgrades - CEMS	4,500	-	-	-	-	-	-
Unit 3 - Stack Repairs	485,000	-	-	-	-	-	-
Unit 3 Boiler Systems	122,800	382,000	160,000	299,000	80,000	235,000	1,156,000
Unit 3 Auxillary System Components	135,000	128,000	261,000	277,000	213,000	65,000	944,000
Unit 3 Turbine Outage - Inspections & Repairs	53,500	-	-	-	-	-	-
Unit 3 Turbine Repairs - Intercept Valves	-	-	-	438,000	25,000	-	463,000
Unit 3 Turbine Outage - Generator	-	-	-	438,000	25,000	25,000	488,000
Unit 3 Cooling Water Line Replacement/Repairs	-	469,000	-	-	-	-	469,000
Unit 3 Fast Start Upgrade	-	-	200,000	-	-	-	200,000
Units 1, 2 & 3 Hydrogen Purity Analyzers	-	96,000	-	-	-	-	96,000
VanSant Plenum Replacement	469,000	-	-	-	-	-	-
VanSant Capacity Increase	492,200	-	-	-	-	-	-
VanSant Software & Compupter Upgrades - CEMS	4,500	-	-	-	-	-	-
VanSant Major Overhaul & Inspection	-	400,000	1,548,000	-	150,000	-	2,098,000
VanSant Component replacements	21,000	-	-	89,000	305,000	90,000	484,000
VanSant Fire Suppression System Upgrade	-	-	285,000	-	-	-	285,000
Metering System Upgrades	80,000	-	-	-	-	-	-
Hyrdogren Generator	-	-	50,000	-	-	-	50,000
Safety & Compliance Improvements	175,300	112,000	37,000	-	-	-	149,000
Vehicles, Trucks & Equipment	-	65,800	-	-	-	-	65,800
Subtotal Electric Generation Division	**$ 2,299,800**	**$ 1,842,800**	**$ 2,770,000**	**$ 1,668,000**	**$ 964,000**	**$ 715,000**	**$ 7,959,800**
Electric Administration Projects							
Vehicles, Trucks, & Equipment	$ -	$ -	$ 30,000	$ -	$ -	$ -	$ 30,000
Subtotal Electric Administration Division	**$ -**	**$ -**	**$ 30,000**	**$ -**	**$ -**	**$ -**	**$ 30,000**
Electric Metering Division							
Vehicles, Trucks, & Equipment	$ 23,000	$ 41,800	$ -	$ -	$ -	$ -	$ 41,800
Subtotal Electric Administration Division	**$ 23,000**	**$ 41,800**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 64,800**
ERP Consulting and Systems (Finance project)	$ -	$ 1,000,000	$ 1,300,000	$ -	$ -	$ -	$ 2,300,000
Total Electric Improvements	**$ 9,135,700**	**$ 5,770,300**	**$ 8,122,900**	**$ 4,796,000**	**$ 10,174,000**	**$ 3,225,000**	**$ 32,088,200**

Capital Improvement Plan Funding 2017 – 2021

	Revised 2016	Proposed 2017	Projected 2018	Projected 2019	Projected 2020	Projected 2021	Yr 1 - Yr 5 Total
Funding Sources							
Electric I & E Fund Beginning Budget Balance	**$ 6,904,500**	**$ 5,349,700**	**$ 3,025,100**	**$ 1,357,700**	**$ 2,470,700**	**$ 4,214,200**	
Transfer from Operating Fund	3,500,000	2,500,000	4,500,000	5,000,000	5,000,000	5,000,000	22,000,000
Transfer from Other Funds	-	-	862,500	-	-	-	862,500
Elecric Future Capacity Reserve	-	-	-	-	6,000,000	-	6,000,000
Electric Revenue Fund Bond Reserve	2,108,000	-	-	-	-	-	-
General Service Billing	1,900,000	900,000	900,000	900,000	900,000	900,000	4,500,000
Grants	15,000	5,000	170,000	-	-	-	175,000
Interest Earnings	57,900	40,700	23,000	9,000	17,500	30,700	120,900
Total Funding Sources	**7,580,900**	**3,445,700**	**6,455,500**	**5,909,000**	**11,917,500**	**5,930,700**	**35,308,600**
Total Beginning Balance & Funding Sources	**$ 14,485,400**	**$ 8,795,400**	**$ 9,480,600**	**$ 7,266,700**	**$ 14,388,200**	**$ 10,144,900**	**$ 54,416,300**
Electric I & E Fund Ending Budget Balance	**$ 5,349,700**	**$ 3,025,100**	**$ 1,357,700**	**$ 2,470,700**	**$ 4,214,200**	**$ 6,919,900**	

Projected Debt Service

City of Dover
Electric Revenue Fund
Projected Debt Service

	Electric Revenue Fund		
Fiscal Year	2008 Revenue Bonds		Total Debt
6/30/2017	695,000	918,704	1,613,704
6/30/2018	730,000	883,954	1,613,954
6/30/2019	765,000	847,454	1,612,454
6/30/2020	800,000	815,706	1,615,706
6/30/2021	840,000	781,706	1,621,706
6/30/2022	880,000	746,006	1,626,006
6/30/2023	925,000	707,506	1,632,506
6/30/2024	970,000	665,881	1,635,881
6/30/2025	1,015,000	622,231	1,637,231
6/30/2026	1,065,000	576,555	1,641,555
6/30/2027	1,120,000	527,300	1,647,300
6/30/2028	1,175,000	475,500	1,650,500
6/30/2029	1,230,000	416,750	1,646,750
6/30/2030	1,290,000	355,250	1,645,250
6/30/2031	1,355,000	290,750	1,645,750
6/30/2032	1,420,000	223,000	1,643,000
6/30/2033	1,485,000	152,000	1,637,000
6/30/2034	1,555,000	77,750	1,632,750
Total	$ 19,315,000	$ 10,084,003	$ 29,399,003

FY17 – FY21 Reserve Account Projections

	Revised 2016	Proposed 2017	Projected 2018	Projected 2019	Projected 2020	Projected 2021
Depreciation Reserve Account (Policy $10 mil)						
Balance in Account on July 1	$ 9,957,900	$ 10,083,600	$ 10,910,200	$ 10,993,100	$ 11,076,600	$ 11,160,800
Receipts						
Interest Earned	75,700	76,600	82,900	83,500	84,200	84,800
Transfer from Future Capacity Reserve	50,000	-	-	-	-	-
Appropriations	-	750,000	-	-	-	-
Total Funds Available	$ 10,083,600	$ 10,910,200	$ 10,993,100	$ 11,076,600	$ 11,160,800	$ 11,245,600
Disbursements						
Transfer to Capital Improvements (CIP)	-	-	-	-	-	-
Balance in Account on June 30	$ 10,083,600	$ 10,910,200	$ 10,993,100	$ 11,076,600	$ 11,160,800	$ 11,245,600
Future Capacity Account (Policy $10 mil)						
Balance in Account on July 1	$ 10,107,900	$ 10,134,700	$ 10,961,700	$ 11,045,000	$ 15,128,900	$ 12,198,300
Receipts						
Interest Earned	76,800	77,000	83,300	83,900	69,400	92,700
Appropriations	-	750,000	-	4,000,000	3,000,000	-
Total Funds Available	$ 10,184,700	$ 10,961,700	$ 11,045,000	$ 15,128,900	$ 18,198,300	$ 12,291,000
Disbursements						
Transfer to Capital Improvements	-	-	-	-	6,000,000	-
Transfer to Depreciation Reserve	(50,000)	-	-	-	-	-
Balance in Account on June 30	$ 10,134,700	$ 10,961,700	$ 11,045,000	$ 15,128,900	$ 12,198,300	$ 12,291,000
Insurance Stabilization Account (Policy min $750K)						
Balance in Account on July 1	$ 740,700	$ 756,300	$ 762,000	$ 767,800	$ 773,600	$ 779,500
Receipts						
Interest Earned	5,600	5,700	5,800	5,800	5,900	5,900
Appropriations	10,000	-	-	-	-	-
Total Funds Available	$ 756,300	$ 762,000	$ 767,800	$ 773,600	$ 779,500	$ 785,400
Disbursements						
Transfer (to)/from Operations	-	-	-	-	-	-
Balance in Account on June 30	$ 756,300	$ 762,000	$ 767,800	$ 773,600	$ 779,500	$ 785,400
Rate Stabilization Account						
Balance in Account on July 1	$ 7,505,300	$ 7,207,100	$ 8,511,900	$ 8,576,600	$ 8,641,800	$ 8,707,500
Receipts						
Interest Earned	57,000	54,800	64,700	65,200	65,700	66,200
Appropriations	394,800	1,250,000	-	-	-	-
Total Funds Available	$ 7,957,100	$ 8,511,900	$ 8,576,600	$ 8,641,800	$ 8,707,500	$ 8,773,700
Disbursements						
Transfer to Operations	(750,000)	-	-	-	-	-
Balance in Account on June 30	$ 7,207,100	$ 8,511,900	$ 8,576,600	$ 8,641,800	$ 8,707,500	$ 8,773,700
Reserve Requirement - (10% - 20% of Purchased Power)	16.89%	19.82%	19.15%	22.15%	21.07%	21.07%
Reserve Requirement Status	*Exceeds 10%*	*Exceeds 10%*	*Exceeds 10%*	*Exceeds 10%*	*Exceeds 10%*	*Exceeds 10%*
Contingency Reserve Account						
Balance in Account on July 1	$ 822,637	$ 841,937	$ 848,337	$ 854,737	$ 861,237	$ 867,737
Receipts						
Interest Earned	6,300	6,400	6,400	6,500	6,500	6,600
Appropriations	13,000	-	-	-	-	-
Total Funds Available	$ 841,937	$ 848,337	$ 854,737	$ 861,237	$ 867,737	$ 874,337
Disbursements						
Transfer (to)/from Operations	-	-	-	-	-	-
Balance in Account on June 30	$ 841,937	$ 848,337	$ 854,737	$ 861,237	$ 867,737	$ 874,337
Reserve Requirement - (Min. $750,000)	*810,454*	*821,087*	*829,842*	*840,135*	*848,939*	*857,863*
Reserve Requirement Status	*OK*	*OK*	*OK*	*OK*	*OK*	*OK*
Total All Reserves at June 30	$ 29,023,637	$ 31,994,137	$ 32,237,237	$ 36,482,137	$ 33,713,837	$ 33,970,037

Alternative Budget & Forecast

- Incorporates $.00252 Power Cost Adjustment (PCA) credit
- Financial estimates in FY17 – FY21
- Propose to reset PCA each year based on the annual budgets and reserve levels
- Potential for lower sales growth
- Potential changes to power supply cost for unhedged supply
- Potential for forced outage penalties greater than rate stabilization reserve
- Not included in current Capital Investment Plan
  - DAFB Substation relocation and rebuild (FY17 includes $1.5M transfer to reserve for land acquisition)
  - Decommissioning plan for Units 1 & 2
  - Integrated Resource Plan
- *We would recommend a discussion of our current rate model design to determine if a reset is necessary before any future rate changes are presented. This would include winter/summer rates and customer charge increases to cover fixed cost, which in turn would affect energy and demand charges.*

Net Income with PCA Credit

	Revised 2016	Proposed 2017	Projected 2018	Projected 2019	Projected 2020	Projected 2021	Yr 1 - Yr 5 Total
Net Income							
Revenue from Current Electric Rates	$ 78,493,800	$ 78,991,200	$ 79,768,300	$ 80,778,700	$ 81,642,700	$ 82,518,500	$ 403,699,400
Revenue from Power Cost Adjustments (PCA)	-	(1,798,000)	(1,817,400)	(1,840,700)	(1,860,600)	(1,880,800)	(7,316,700)
Utility Tax	1,309,600	1,287,900	1,300,500	1,317,000	1,331,100	1,345,400	6,581,900
Miscellaneous Receipts	1,242,000	1,799,600	1,885,000	1,887,000	1,889,000	1,891,000	9,351,600
Total Operating Revenue	81,045,400	80,280,700	81,136,400	82,142,000	83,002,200	83,874,100	407,606,700
Power Supply & Production	(49,057,800)	(49,155,600)	(50,499,900)	(44,857,000)	(47,306,800)	(47,755,500)	(239,574,800)
Operating Expenses	(12,409,200)	(13,218,600)	(13,581,900)	(13,961,600)	(14,351,800)	(14,755,700)	(69,869,600)
Operating Transfers - Out (General Fund)	(10,000,000)	(10,000,000)	(10,000,000)	(10,000,000)	(10,000,000)	(10,000,000)	(50,000,000)
Total Operating Expenses	(71,467,000)	(72,374,200)	(74,081,800)	(68,818,600)	(71,658,600)	(72,511,200)	(358,400,200)
Operating Income	9,578,400	7,906,500	7,054,600	13,323,400	11,343,600	11,362,900	50,991,000
Non-Oper. Rev. - Interest on Operating	92,900	88,600	97,500	85,400	94,600	108,700	474,800
Non-Oper. Rev. - Interest on Reserves	221,400	220,500	243,100	244,900	231,700	256,300	1,196,500
Operating Transfers - In	-	-	-	-	-	-	-
Income Available For Debt Service	9,892,700	8,215,600	7,395,200	13,653,700	11,669,900	11,727,900	50,827,100
Interest on Long-Term Debt	(922,700)	(888,000)	(851,600)	(819,800)	(785,800)	(750,000)	(4,095,200)
Cash From Operations	8,970,000	7,327,600	6,543,600	12,833,900	10,884,100	10,977,900	48,567,100
Non Cash Income/Loss & Reserve Transfers							
Depreciation Expense	(5,477,200)	(5,720,600)	(5,974,800)	(6,203,400)	(6,442,200)	(6,672,000)	(31,013,000)
Net Income	$ 3,492,800	$ 1,607,000	$ 568,800	$ 6,630,500	$ 4,441,900	$ 4,305,900	$ 16,741,000

Debt Service Coverage

	Revised 2016	Proposed 2017	Projected 2018	Projected 2019	Projected 2020	Projected 2021	Yr 1 - Yr 5 Total
Debt Service Coverage							
Income Avail. for Debt Service	$ 9,892,700	$ 8,215,600	$ 7,395,200	$ 13,653,700	$ 11,669,900	$ 11,727,900	$ 50,827,100
Total Debt Service	$ 3,287,700	$ 1,583,000	$ 1,581,600	$ 1,584,800	$ 1,585,800	$ 1,590,000	$ 9,622,900
Debt Service Coverage Ratio	3.01	5.19	4.68	8.62	7.36	7.38	5.28
Debt Service Coverage Requirement	1.25	1.25	1.25	1.25	2.25	1.25	
Debt Service Coverage Requirement Status	*Met*	*Met*	*Met*	*Met*	*Met*	*Met*	
Debt Service Safety Margin	8.12%	8.23%	7.14%	14.63%	12.10%	12.03%	

Cash Flow Position

CASH SUMMARY	Revised 2016	Proposed 2017	Projected 2018	Projected 2019	Projected 2020	Projected 2021	Yr 1 - Yr 5 Total
Cash from Operations	$ 8,970,000	$ 7,327,600	$ 6,543,600	$ 12,833,900	$ 10,884,100	$ 10,977,900	
Transfer to I & E Fund	$ 3,500,000	$ 3,400,000	$ 5,400,000	$ 5,900,000	$ 5,900,000	$ 5,900,000	$ 26,500,000
Transfer (from)/to Reserves	(773,000)	2,750,000	-	4,000,000	3,000,000	-	9,750,000
Reinvestment of Reserve Interest	279,300	261,200	266,100	254,900	250,100	380,100	1,412,400
Debt Service Principal	2,365,000	695,000	730,000	765,000	800,000	840,000	3,830,000
Total Cash Budget Requirements	5,371,300	7,106,200	6,396,100	10,919,900	9,950,100	7,120,100	41,492,400
Net Positive/(Negative Cash)	$ 3,598,700	$ 221,400	$ 147,500	$ 1,914,000	$ 934,000	$ 3,857,800	$ 7,074,700

Capital Investments Plan

- Revenue Sources & Funds
- Total City Summary
- General
- Water/Wastewater
- Electric
- Vehicle Replacements

City of Dover, Delaware

FY 2017 Capital Investment Plan

FY 17 thru **FY 21**

FUNDING SOURCE SUMMARY

Source	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Bond Proceeds		3,710,000	3,710,000	3,710,000		*11,130,000*
Community Transportation Fund		30,000				*30,000*
DE Sewer Revolving Loan Fund		884,000	396,000	408,000		*1,688,000*
DE Water Revolving Loan Fund	1,200,000	1,200,000				*2,400,000*
Developer Contribution	900,000	900,000	900,000	900,000	900,000	*4,500,000*
Development Grant	5,000					*5,000*
Electric I & E Fund	1,000,000	437,500				*1,437,500*
Electric Revenue	3,870,300	5,872,900	3,896,500	3,274,000	2,325,000	*19,238,700*
Future Capacity Reserve Fund		50,000		6,000,000		*6,050,000*
General Fund	1,919,400	3,328,800	2,949,100	2,657,100	3,337,200	*14,191,600*
Impact Fee Reserve	402,000	48,700	86,400	22,000	192,000	*751,100*
Parkland Reserve Fund	80,000	50,000	15,000	55,000		*200,000*
State Grant	45,000	128,000		73,000		*246,000*
Water/Wastewater Fund	2,988,400	4,081,900	3,298,300	3,122,600	3,418,000	*16,909,200*
GRAND TOTAL	**12,410,100**	**20,721,800**	**15,251,300**	**20,221,700**	**10,172,200**	***78,777,100***

City of Dover, Delaware

FY 2017 Capital Investment Plan

FY 17 thru **FY 21**

DEPARTMENT SUMMARY

Department	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Code Enforcement		23,800			17,000	*40,800*
Electric Admin		30,000				*30,000*
Electric Engineering	910,700	1,969,900	1,303,000	7,310,000	700,000	*12,193,600*
Electric Meter Reading	41,800					*41,800*
Electric T & D	1,975,000	2,053,000	1,825,500	1,900,000	1,810,000	*9,563,500*
Facilities Management	27,700	28,200	28,800	32,200		*116,900*
Finance	1,000,000	1,000,000	300,000			*2,300,000*
Fire/Robbins Hose	145,700	295,200	295,200	226,300	226,300	*1,188,700*
Fleet Maintenance	31,000	38,000	60,000			*129,000*
Life Safety (Fire Marshal)	29,500					*29,500*
Parks and Recreation	165,000	241,000	15,000	161,000		*582,000*
Permtting and Inspections		16,000			34,000	*50,000*
Planning		16,000				*16,000*
Police	299,800	451,500	399,100	364,700	367,400	*1,882,500*
Power Plant	1,842,800	2,770,000	1,668,000	964,000	715,000	*7,959,800*
Public Works - Grounds	58,200	59,800	188,000	153,000	151,000	*610,000*
Public Works - Sanitation	261,500	431,700	429,100	204,900	627,000	*1,954,200*
Public Works - Streets	1,026,000	5,245,400	5,258,900	5,353,000	1,872,500	*18,755,800*
Public Works Admin					42,000	*42,000*
W/WW Engineering	30,400	31,000	23,000	28,000		*112,400*
Wastewater Management	2,021,200	2,453,000	2,283,400	1,991,400	2,040,000	*10,789,000*
Water Management	1,338,800	2,042,300	1,424,300	1,450,900	1,570,000	*7,826,300*
Water Treatment Plant	1,200,000	1,226,000	50,000	82,300		*2,558,300*
TOTAL	**12,405,100**	**20,421,800**	**15,551,300**	**20,221,700**	**10,172,200**	***78,772,100***

General Fund

City of Dover, Delaware

FY 2017 Capital Investment Plan

FY 17 thru **FY 21**

FUNDING SOURCE SUMMARY

Source	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Bond Proceeds		3,710,000	3,710,000	3,710,000		*11,130,000*
Community Transportation Fund		30,000				*30,000*
General Fund	1,078,500	1,176,200	1,395,700	1,290,500	1,215,500	*6,156,400*
Parkland Reserve Fund	80,000	50,000	15,000	55,000		*200,000*
State Grant	45,000	128,000		73,000		*246,000*
GRAND TOTAL	**1,203,500**	**5,094,200**	**5,120,700**	**5,128,500**	**1,215,500**	***17,762,400***

City of Dover, Delaware

FY 2017 Capital Investment Plan

FY 17 thru FY 21

PROJECTS BY DEPARTMENT

Department	Project#	Priority	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Parks and Recreation								
Dover Park - Master Plan	*PR1701*	1	50,000					*50,000*
Schutte Park Land Improvements	*PR1702*	1	100,000	90,000				*190,000*
Park and Playground Improvement Program	*PR1703*	3		66,000		66,000		*132,000*
Small Park Improvements	*PR1704*	4	15,000	15,000	15,000	15,000		*60,000*
Silver Lake Park - Master Plan&Plan Implementation	*PR1801*	1		70,000		80,000		*150,000*
Parks and Recreation Total			**165,000**	**241,000**	**15,000**	**161,000**		***582,000***
Police								
Video Storage Array for In-Car Video Recordings	*PD1701*	1	12,500					*12,500*
Server Consolidation	*PD1801*	1		43,200	43,200			*86,400*
Police Total			**12,500**	**43,200**	**43,200**			***98,900***
Public Works - Streets								
Stormwater/Old PW2 Site Improvements	*ST1602*	1		2,550,000	2,550,000	2,550,000		*7,650,000*
Street, Concrete and Alley Program	*ST1701*	2	900,000	1,050,000	1,102,500	1,157,500	1,215,500	*5,425,500*
Silver Lake Dam Improvements	*ST1703*	3	126,000					*126,000*
Redevelopment of Schutte Park	*ST1801*	1		1,160,000	1,160,000	1,160,000		*3,480,000*
Dover Library Conveyance System Improvements	*ST1803*	1		50,000	200,000			*250,000*
Water Street Flooding Improvements	*ST1904*	4			50,000	100,000		*150,000*
Public Works - Streets Total			**1,026,000**	**4,810,000**	**5,062,500**	**4,967,500**	**1,215,500**	***17,081,500***
GRAND TOTAL			**1,203,500**	**5,094,200**	**5,120,700**	**5,128,500**	**1,215,500**	***17,762,400***

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Project # PR1701

Project Name Dover Park - Master Plan

Department Parks and Recreation

Contact Parks & Recreation Director

Type Improvement

Useful Life

Category General

Priority 1

Status Active

New Project: No

Account Number: 147-1500-525.40-31

Time-Line: FY16-FY18

Total Project Cost: **$50,000**

Description

Hire a consultant to develop a master plan for Dover Park that includes a vegetation management plan and lighting plan, and also addresses the needs identified in the Recreation Needs Assessment, including walking paths, restrooms, a skate parks, splash pad, and reserves a location for a recreation center building in the event that one is constructed at a future date.

Justification

With the demolition of the old recreation center building and the concern about the need to improve access to recreation opportunities on the east side of Dover, the City Council allocated funds for improvements to Dover Park. The Recreation Needs Assessment identified a number of priorities and issues to be addressed. In order to appropriately allocate resources, a park plan that addresses the priorities and issues brought forth in the Recreation Needs Assessment is necessary. The planning process will include input from the public and address the phasing of improvements.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Planning/Design	50,000					50,000
Total	**50,000**					**50,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Parkland Reserve Fund	25,000					25,000
State Grant	25,000					25,000
Total	**50,000**					**50,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Parks and Recreation
Contact Public Works Director

Project # **PR1702**
Project Name **Schutte Park Land Improvements**

Type Improvement
Useful Life 50 years
Category General

New Project: No
Account Number: 147-1500-525.40-31
Priority 1

Time-Line: FY17
Status Active

Total Project Cost: **$190,000**

Description

This project includes a plan to develop multipurpose fields on the lands on the west side of the park and to complete the multipurpose pathway around the park's perimeter. It will also include other amenities that are consistent with the Recreation Needs Assessment. Once plans are complete, the improvements will be constructed in FY 17.

Justification

Currently, the Schutte Park addition is unusable. There is constant demand for field space, and we have 14 acres of unusable space.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance	100,000	90,000				190,000
Total	**100,000**	**90,000**				**190,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Community Transportation Fund		30,000				30,000
General Fund	40,000					40,000
Parkland Reserve Fund	40,000					40,000
State Grant	20,000	60,000				80,000
Total	**100,000**	**90,000**				**190,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Project # PR1703

Project Name Park and Playground Improvement Program

New Project: No

Account Number: 147-1500-525.40-31

Time-Line: FY17-FY20

Department Parks and Recreation

Contact Public Works Director

Type Improvement

Useful Life 10-15 years

Category General

Priority 3

Status Active

Total Project Cost: **$132,000**

Description

This project provides for a regular replacement of playground equipment and other park amenities throughout the park system. It could also potentially include installation of playground equipment in parks without equipment. This is important to ensure that equipment is replaced as old equipment deteriorates and becomes less safe. All newly installed equipment will meet the standards of the Consumer Product Safety Commission.

Justification

As equipment ages it deteriorates and can become unsightly and/or unsafe. Replacement of dated equipment is important to ensure that our parks meet the needs of the population and provides a safe play environment.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance		66,000		66,000		132,000
Total		**66,000**		**66,000**		**132,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
General Fund		33,000		33,000		66,000
State Grant		33,000		33,000		66,000
Total		**66,000**		**66,000**		**132,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Parks and Recreation
Contact Parks & Recreation Director

Project # **PR1704**
Project Name **Small Park Improvements**

Type Improvement
Useful Life 10-15 years
Category General

New Project: No
Account Number: 147-1500-525.40-31
Priority 4

Time-Line: FY17-FY20
Status Active

Total Project Cost: **$60,000**

Description

Under this project, the City would fund small capital improvements in parks citywide. This could include improvements to pavilions, fencing and other structures in the park that require investment over time but exceed the thresholds for non-capital investments.

Justification

There are a number of amenities in the City's park that deteriorate over time and require small capital investments to be safe and attractive. As our park investments age, we need to make sure that we are maintaining the properties, which may require small capital projects.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance	15,000	15,000	15,000	15,000		60,000
Total	**15,000**	**15,000**	**15,000**	**15,000**		**60,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Parkland Reserve Fund	15,000	15,000	15,000	15,000		60,000
Total	**15,000**	**15,000**	**15,000**	**15,000**		**60,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Project # PR1801

Project Name Silver Lake Park - Master Plan&Plan Implementation

New Project: No

Account Number: 147-1500-525.40-31

Time-Line: FY18-FY20

Department Parks and Recreation

Contact Parks & Recreation Director

Type Improvement

Useful Life

Category General

Priority 1

Status Active

Total Project Cost: **$150,000**

Description

Hire a consultant to develop a master plan for Silver Lake Park that includes a vegetation management plan and lighting plan, and also addresses the needs identified in the Recreation Needs Assessment, including paths, restrooms, a splash pad, and other general park improvements such as parking lot improvements and delineation and preservation of the African American Cemetery on the property. The Silver Lake Commission and DNREC would be part of the planning process.

Justification

The plan for Silver Lake Park needs to be updated based on current need as identified in the Recreation Needs Assessment.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Planning/Design		70,000		80,000		150,000
Total		**70,000**		**80,000**		**150,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Parkland Reserve Fund		35,000		40,000		75,000
State Grant		35,000		40,000		75,000
Total		**70,000**		**80,000**		**150,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Project # **PD1701**

Project Name **Video Storage Array for In-Car Video Recordings**

New Project: Yes

Account Number: 147-1700-541.40-28

Time-Line:

Department Police
Contact Capt Stump
Type Technology
Useful Life 1-5 years
Category General
Priority 1
Status Active
Total Project Cost: **$12,500**

Description

The current disk storage for the police department in-car recordings is beyond the city's life-cycle term of 5 years. It was originally sized to meet the needs of the old I-COP video system, but now stores the ICOP plus two newer video systems' recordings as well. The storage is at maximum capacity requiring a constant manual deletion of the oldest recordings to make space for the new video footage.

The current storage space is approximately 5.4 Terabytes. The new disk storage array, which will be a Dell PowerVault NX3230, will total 48 Terabytes of disk space with a final redundancy configuration allowing for 36 Terabytes of storage. This will greatly increase the amount of recordings as well as the length of time they can be kept.

Justification

In-car and body-camera footage serves to protect both the officer and the persons they contact. There is a push to have a two-year retention for videos as an in-house standard which exceeds the State of Delaware retention requirements. The department is also anticipating the body-camera technology to be implemented in the near future which will raise the current storage space requirements. This project will satisfy current storage needs in addition to putting the police department into a position to support any future officer related video projects that may be implemented.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Equip/Vehicle/Furnishings	12,500					12,500
Total	**12,500**					**12,500**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
General Fund	12,500					12,500
Total	**12,500**					**12,500**

Budget Impact/Other

The purchase price above includes a five year warranty period, which is the expected life cycle for these servers. As a result, we would hope to replace them every five years so there are no expected recurring budget costs for this project. However, it may be possible to extend the life of the systems, but maintenance costs would be incurred for additional years to keep the systems operational. We do not know what the maintenance cost would be for that point in time.

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Project # **PD1801**

Project Name **Server Consolidation**

New Project: Yes

Account Number: 147-1700-541.40-26

Time-Line: FY18-FY19

Department Police

Contact Capt Stump

Type Technology

Useful Life 5 years

Category Information Technology

Priority 1

Status Active

Total Project Cost: **$86,400**

Description

The Police Department regular server hardware currently consists of 9 physical server computers, with one of them serving as a virtualized host of 3 virtualized servers, totaling 11 windows server environments. This number is dynamic as the need for separate servers changes every few years. The cost of an individual server includes both the physical hardware as well as the operating system installed on such servers, and licenses for clients to connect to each of those operating systems. The idea behind virtualized server environments is to reduce operating costs over time by purchasing one robust physical server which can handle the virtualized load of operating systems normally housed on individual and less robust server hardware. The initial cost of the robust virtual host is a fraction of what would be spent in multiple years of physical server costs. This, combined with a Datacenter Edition of Windows Server allows for unlimited licenses of virtual servers, limited only by the hardware capabilities of that one robust host. There will be exceptions where a physical machine is required by a vendor or is necessary due to workload (such as SQL database host), but most environments can be of a virtual type.

Justification

The City's IT Department is also migrating the rest of the city computer systems to this type of set-up so we would like to follow their example. In addition, this project will simplify the internal server structure by:
1.Reducing the number of physical servers
2.Reducing costs of operating systems purchased over time
3.Reducing costs of multiple physical server purchases
4.Reducing electrical use of physical servers which in turn reduces electrical costs as well as increasing the run-time on our server battery backup unit
5.Reducing the amount of heat generated otherwise by multiple physical servers which in turn requires more cooling of server room
6.Reduces the necessary cabling/wiring necessary to control and network multiple servers
7.Allows us to duplicate the virtual machines to a future, identical machine to facilitate redundancy, reducing or eliminating downtime of server maintenance (FY18)

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Equip/Vehicle/Furnishings		43,200	43,200			86,400
Total		**43,200**	**43,200**			**86,400**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
General Fund		43,200	43,200			86,400
Total		**43,200**	**43,200**			**86,400**

Budget Impact/Other

The purchase price above includes a five year warranty period, which is the expected life cycle for these servers. As a result, we would hope to replace them every five years so there are no expected recurring budget costs for this project. However, it may be possible to extend the life of the systems, but maintenance costs would be incurred for additional years to keep the systems operational. We do not know what the maintenance cost would be for that point in time.

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Public Works - Streets
Contact Public Works Director

Project # **ST1602**
Project Name **Stormwater/Old PW2 Site Improvements**

Type Improvement
Useful Life 90+ years
Category General

New Project: No
Account Number: 147-1800-554.40-31
Priority 1

Time-Line: FY17-FY21
Status Active

Total Project Cost: **$7,650,000**

Description

Due to the environmental concerns, the PW 2 site will be redeveloped to increase stormwater quality entering Silver Lake. The improvements include relocating the greenhouse, grounds office, equipment garage (including small engine repair) to Schutte Park. The existing water production well will remain on site. The site will be converted to a stabilized park with water quality improvements for stormwater.

Estimates provided by URS, Corp., Consulting Engineer.

Justification

Stringent environmental regulations will require improvements on the site. Relocation of existing city facility to Schutte Park.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance		2,550,000	2,550,000	2,550,000		7,650,000
Total		**2,550,000**	**2,550,000**	**2,550,000**		**7,650,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Bond Proceeds		2,550,000	2,550,000	2,550,000		7,650,000
Total		**2,550,000**	**2,550,000**	**2,550,000**		**7,650,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Public Works - Streets
Contact Public Works Director

Project # **ST1701**
Project Name **Street, Concrete and Alley Program**

Type Improvement
Useful Life 20-25 years
Category General

New Project: No
Account Number: 147-1800-554.40-31
Priority 2

Time-Line: FY17-FY21
Status Active

Total Project Cost: **$5,425,500**

Description

This project will rehabilitate approximately three to five percent (3-5%) of the street and alley network each year. The estimated capital maintenance costs are $33.7 million over a 20-year planning horizon in Fiscal Year 2005 dollars. This estimate is based on the needs survey conducted by Public Services in Fiscal Year 2004. Continuous maintenance on these assets will prevent more costly reconstruction in the future. This project combines the former Street Resurfacing Program, the Alley Program and the Barrier Free Access Ramp Program. Locations will be determined by the priority listing and by potential legislator contributions. Additionally, this program replaces and rehabilitates deteriorated sidewalks and curbs throughout the City using in-house labor and private contractors. This is in accordance with the ADA. Delaying or eliminated the project will result in continued complaints and insurance claims from citizens and visitors. In addition, further deterioration of the sidewalk network will occur.

Justification

The program identifies maintenance costs for the 84.79 miles of streets and 15.24 miles of alleys as of June 30, 2010. Replacement of deteriorated curbs, gutters, and sidewalks provides improved use, drainage, and the appearance of the pavement section. The Street and Alley Program schedule is driven by funding and road ratings. Total street mileage is growing as more roads and alleys are dedicated for public maintenance due to growth. Additionally, this program promotes the interconnection of the sidewalk network to conform to ISTEA (Intermodal Surface Transportation Efficiency Act) and rehabilitates sidewalks that have root damage from City street trees. This program also facilitates compliance with the Americans with Disabilities Act as it relates to the pedestrian network as well as improving localized drainage issues.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance	900,000	1,050,000	1,102,500	1,157,500	1,215,500	5,425,500
Total	**900,000**	**1,050,000**	**1,102,500**	**1,157,500**	**1,215,500**	**5,425,500**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
General Fund	900,000	1,050,000	1,102,500	1,157,500	1,215,500	5,425,500
Total	**900,000**	**1,050,000**	**1,102,500**	**1,157,500**	**1,215,500**	**5,425,500**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Public Works - Streets
Contact Public Works Director

Project # **ST1703**
Project Name **Silver Lake Dam Improvements**

Type Improvement
Useful Life 50 years
Category General

New Project: Yes
Account Number: 147-1800-554.40-31
Priority 3

Time-Line: FY16-FY20
Status Active

Total Project Cost: **$126,000**

Description

The proposed project, identified by the 2014 Silver Lake Dam Inspection report, will stabilize the east wing wall of the dam, remove large trees, repair the boat ramp, install stone rip rap on the upstream slope and repair the concrete supports of the pedestrian walkway. Preliminary estimates provided by JMT, Consulting Engineer

Justification

The improvements are necessary to maintain the existing dam in normal working conditions. Failure to maintain the dam could lead to failure and downstream flooding.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance	126,000					126,000
Total	**126,000**					**126,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
General Fund	126,000					126,000
Total	**126,000**					**126,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Public Works - Streets
Contact Public Works Director

Project # **ST1801**
Project Name **Redevelopment of Schutte Park**

Type Improvement
Useful Life 90+ years
Category General

New Project: No
Account Number: 147-1800-554.40-31
Priority 1

Time-Line: FY18-FY20
Status Active

Total Project Cost: **$3,480,000**

Description

In conjunction with the PW2 site improvements, operations will be relocated to Schutte Park. The improvements include relocating the greenhouse, grounds office, equipment garage (including small engine repair).

Estimates provided by AECOM, Corp., Consulting Engineer.

Justification

Relocation of existing city facility to Schutte Park will create a centralized location for divisions and increase operational efficiency.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance		1,160,000	1,160,000	1,160,000		3,480,000
Total		**1,160,000**	**1,160,000**	**1,160,000**		**3,480,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Bond Proceeds		1,160,000	1,160,000	1,160,000		3,480,000
Total		**1,160,000**	**1,160,000**	**1,160,000**		**3,480,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Public Works - Streets
Contact Public Works Director

Project # **ST1803**
Project Name **Dover Library Conveyance System Improvements**

Type Improvement
Useful Life 50 years
Category General

New Project: Yes
Account Number: 147-2500-552.40-31
Priority 1
Time-Line: FY18
Status Active
Total Project Cost: **$250,000**

Description

This project, identified by staff, will upgrade the existing stormwater infrastructure that begins in the northeast corner of the Dover Public Library parking lot and travels due east to mirror lake and eventually St. Jones River.

Justification

This will provide improved capacity and conveyance of stormwater from the City owned parking lot. Failure to improve this system will result in continued flooding in the area.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Planning/Design		50,000				50,000
Construction/Maintenance			200,000			200,000
Total		**50,000**	**200,000**			**250,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
General Fund		50,000	200,000			250,000
Total		**50,000**	**200,000**			**250,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Public Works - Streets
Contact Public Works Director

Project # **ST1904**
Project Name **Water Street Flooding Improvements**

Type Improvement
Useful Life 50 years
Category General

New Project: Yes
Account Number: 147-1800-554.40-31
Priority 4

Time-Line: FY19
Status Active

Total Project Cost: **$150,000**

Description

This project, identified by staff, will upgrade the existing stormwater infrastructure that is in Water Street, near the intersection of Governors Avenue. This area consistently floods with a moderate rain event in the City.

Justification

This will provide improved capacity and conveyance of stormwater from this intersection. Failure to improve this system will result in continued flooding in the area.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Planning/Design			50,000			50,000
Construction/Maintenance				100,000		100,000
Total			**50,000**	**100,000**		**150,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
General Fund			50,000	100,000		150,000
Total			**50,000**	**100,000**		**150,000**

Budget Impact/Other

WATER/WASTEWATER FUND

City of Dover, Delaware

FY 2017 Capital Investment Plan

FY 17 thru **FY 21**

FUNDING SOURCE SUMMARY

Source	FY 17	FY 18	FY 19	FY 20	FY 21	Total
DE Sewer Revolving Loan Fund		884,000	396,000	408,000		*1,688,000*
DE Water Revolving Loan Fund	1,200,000	1,200,000				*2,400,000*
Impact Fee Reserve	402,000	48,700	86,400	22,000	192,000	*751,100*
Water/Wastewater Fund	2,765,800	3,129,900	2,613,600	2,775,500	3,283,000	*14,567,800*
GRAND TOTAL	**4,367,800**	**5,262,600**	**3,096,000**	**3,205,500**	**3,475,000**	***19,406,900***

PROJECTS BY DEPARTMENT

Department	Project#	Priority	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Wastewater Management								
Rolling Acres Pump Station Replacement	*WW1603*	1	372,000					*372,000*
Meter Replacement Program	*WW1700*	1	200,000	200,000	200,000	200,000	200,000	*1,000,000*
Inflow/Infiltration Removal	*WW1701*	1	1,121,000	1,173,000	1,171,000	1,169,000	1,167,000	*5,801,000*
Miscellaneous Emergency Sanitary Sewer Repairs	*WW1702*	2	75,000	77,000	79,000	81,000	83,000	*395,000*
Lepore Road Sanitary Sewer Upgrade	*WW1704*	4	50,000	250,000				*300,000*
Delaware Tech Pump Station Replacement	*WW1705*	5	52,000	384,000				*436,000*
Silver Lake Pump Station Replacement	*WW1706*	6	52,000		396,000			*448,000*
Walker Woods Pump Station Replacement	*WW1707*	7	52,000			408,000		*460,000*
Tar Ditch Interceptor	*WW1805*	5		250,000				*250,000*
College Road Pump Station Replacement	*WW2004*	4				55,000	420,000	*475,000*
Turnberry Pump Station Replacement	*WW2104*	4					60,000	*60,000*
Wastewater Management Total			**1,974,000**	**2,334,000**	**1,846,000**	**1,913,000**	**1,930,000**	***9,997,000***
Water Management								
Future Well Installation	*WD1605*	5	100,000	1,098,300				*1,198,300*
Meter Replacement Project	*WD1700*	1	200,000	200,000	200,000	200,000	200,000	*1,000,000*
Wellhead Redevelopment Program	*WD1701*	1	85,000	87,500	90,000	92,500	95,000	*450,000*
SCADA Equipment Technology Upgrade	*WD1705*	5	88,000					*88,000*
Water Quality Improvements	*WQ1702*	2	645,800	265,800	881,000	919,000	1,167,000	*3,878,600*
Miscellaneous Emergency Water Repairs	*WQ1703*	3	75,000	77,000	79,000	81,000	83,000	*395,000*
Water Management Total			**1,193,800**	**1,728,600**	**1,250,000**	**1,292,500**	**1,545,000**	***7,009,900***
Water Treatment Plant								
Water Treatment Plant Process Improvements	*WD1609*	4	1,200,000	1,200,000				*2,400,000*
Water Treatment Plant Total			**1,200,000**	**1,200,000**				***2,400,000***
GRAND TOTAL			**4,367,800**	**5,262,600**	**3,096,000**	**3,205,500**	**3,475,000**	***19,406,900***

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Project # **WW1603**

Project Name **Rolling Acres Pump Station Replacement**

New Project: No

Account Number: 417-6900-569.40-31

Time-Line: FY16-FY17

Department Wastewater Management

Contact Public Works Director

Type Improvement

Useful Life 20-25 years

Category Water/Wastewater

Priority 1

Status Active

Total Project Cost: **$372,000**

Description

This project calls for replacement of the Smith & Loveless package pumping station installed in 1973 in order to handle the commercial areas from Harrington Realty Shopping Center to the Howard Johnson Hotel. The station has exceeded its life anticipated expectancy of 20-25 years and is in need of a capacity upgrade due to the high peak inflow rates. This station experiences periods of high inflow rates due to the hotel occupancy and is susceptible to possible inflow/infiltration. Staff has observed numerous pump high wet well alarms due to high inflows and increased runtimes during wet months.

Justification

Replace the aged station with a completely new station to prevent the need for costly unbudgeted repairs to maintain operation. Pump failure resulting in a sewage spill into waterway or backup in a residence. Due to the age of the station, certain parts are no longer obtainable, and replacement of equipment is costly. Design and bid in Fiscal 2016; construction in Fiscal 2017

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance	372,000					372,000
Total	**372,000**					**372,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Impact Fee Reserve	148,800					148,800
Water/Wastewater Fund	223,200					223,200
Total	**372,000**					**372,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Wastewater Management
Contact Public Works Director

Project # **WW1700**
Project Name **Meter Replacement Program**

Type Improvement
Useful Life 20 years
Category Water/Wastewater

New Project: Yes
Account Number: 417-6900-569.40-31
Priority 1
Time-Line: FY17-FY21
Status Active
Total Project Cost: **$1,000,000**

Description

This project will be an ongoing project to replace our aged water meters in the system. A portion of water meters will be replaced each year. A majority of the water meters have exceeded their life expectancy of 15-20 years. The industry standard is to replace 20% of the meter inventory for five years. The City will benefit from this project by having a more efficient system which will recover maximum revenue to the water utility. Additionally, expenses of maintaining, stocking and operating the out dated meters are greatly reduced. This project will begin in Fiscal 2016.

Justification

This project will provide the City of Dover with accurate readings of our water users, thus creating accurate revenue from the customers. Delaying or eliminating this project would result in the age of the water meters increasing, and consequently the meters will not read the correct volume of water being consumed. Additionally, older water meters typically require more maintenance.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Equip/Vehicle/Furnishings	200,000	200,000	200,000	200,000	200,000	1,000,000
Total	**200,000**	**200,000**	**200,000**	**200,000**	**200,000**	**1,000,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Water/Wastewater Fund	200,000	200,000	200,000	200,000	200,000	1,000,000
Total	**200,000**	**200,000**	**200,000**	**200,000**	**200,000**	**1,000,000**

Budget Impact/Other

Over time, the capabilities of a water meter to read accurate volumes of water deteriorates, typically registering less water than actually being consumed. With installation of new meters, accurate readings will increase the actual revenue from this utility.

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Wastewater Management
Contact Public Works Director

Project # **WW1701**
Project Name **Inflow/Infiltration Removal**

Type Improvement
Useful Life 50-80
Category Water/Wastewater

New Project: No
Account Number: 417-6900-569.40-31
Priority 1

Time-Line: FY17-FY21
Status Active

Total Project Cost: **$5,801,000**

Description

This project identifies and corrects areas in the sanitary sewer collection system that are deteriorating and allowing groundwater to enter the sanitary sewer system through cracked pipes and/or joints. Video investigations of the lines are performed by in-house crews to determine the condition of subject pipes which may also help with the identification of sump pumps and other illicit connections to the system which will have to be removed by individual property owners. Investigations are occurring systematically through the sewer basins to establish projects for the following year. Sanitary sewer lines are also being inspected in conjunction with water quality improvement project areas to determine main condition. Smoke testing, pipe relining and or replacement are to occur each year.
The wet weather which was experienced in both 2003 and 2009/2010/2011, exemplified the fact that the aging and deteriorating sanitary sewer system allows groundwater and rain water to enter the system. This in turn results in higher treatment charges from Kent County. In FY 2011 a new groundwater inflow adjustment charge was established as a result. It is critical to continue making improvements on a regular and planned basis to improve the integrity of the wastewater system. Weather occurs in a cyclical fashion and discrepancies between fees collected and charges received will likely happen again when groundwater and precipitation levels rise. FY 16 projects include rehabilitating the White Oak Farms Basin #5.

Justification

The wet weather experienced in both 2003 and 2009/2010/2011, highlighted the fact that we have an aging wastewater system that requires more attention to the condition of the old pipe network and more monitoring of illicit connections to the system. Inflow and infiltration are problems that all customers pay for since they are costs that are not assigned to an individual customer. Therefore, all customers are affected by expenses related to inflow and infiltration.
Delaying or eliminating this project will result in continued higher treatment charges for wastewater flow to Kent County than is necessary. In addition, the reduction in available capacity in the City and county systems due to inflow and infiltration will reduce the capacity available for future growth.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance	1,121,000	1,173,000	1,171,000	1,169,000	1,167,000	5,801,000
Total	**1,121,000**	**1,173,000**	**1,171,000**	**1,169,000**	**1,167,000**	**5,801,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Water/Wastewater Fund	1,121,000	1,173,000	1,171,000	1,169,000	1,167,000	5,801,000
Total	**1,121,000**	**1,173,000**	**1,171,000**	**1,169,000**	**1,167,000**	**5,801,000**

Budget Impact/Other

The project will reduce the operating budget over time due to the reduction in costs for sewage treatment paid to Kent County. All savings are cumulative.

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Wastewater Management
Contact Public Works Director

Project # **WW1702**
Project Name **Miscellaneous Emergency Sanitary Sewer Repairs**

Type Improvement
Useful Life 50-80
Category Water/Wastewater

New Project: Yes
Account Number: 417-6900-569.40-31
Priority 2

Time-Line: FY17-FY21
Status Active

Total Project Cost: **$395,000**

Description

This project will repair failing sanitary sewer infrastructure. The work will focus on emergency repair situations on City owned infrastructure. No specific locations for this work have been identified.

Justification

This project is necessary to address failing or deteriorated infrastructure in the City. If these repairs are not conducted, significant impacts to property, life and environment could arise. Delaying these repairs could result in road failure, sink holes and environmental contamination.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance	75,000	77,000	79,000	81,000	83,000	395,000
Total	**75,000**	**77,000**	**79,000**	**81,000**	**83,000**	**395,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Water/Wastewater Fund	75,000	77,000	79,000	81,000	83,000	395,000
Total	**75,000**	**77,000**	**79,000**	**81,000**	**83,000**	**395,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Wastewater Management
Contact Public Works Director

Project # **WW1704**
Project Name **Lepore Road Sanitary Sewer Upgrade**

Type Improvement
Useful Life 90+ years
Category Water/Wastewater

New Project: No
Account Number: 417-6900-569.40-31
Priority 4

Time-Line: FY17-FY18
Status Active

Total Project Cost: **$300,000**

Description

This project calls for the replacement of approximately 374 linear feet of 8 inch gravity sewer main. Currently, the sewer main operates in a reverse slope condition, which overloads the pipe. The proposed upgrade will provide slope and adequate capacity for current flow to be carried to discharge. Estimates provided by Pennoni Associates, Consulting Engineer.

Justification

This project will allow for proper capacity and slope to handle the current flow. Delaying or eliminating this project could result in overflow of wastewater material. Design and bid in Fiscal 2017; construction in Fiscal 2018.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Planning/Design	50,000					50,000
Construction/Maintenance		250,000				250,000
Total	**50,000**	**250,000**				**300,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
DE Sewer Revolving Loan Fund		250,000				250,000
Water/Wastewater Fund	50,000					50,000
Total	**50,000**	**250,000**				**300,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Wastewater Management
Contact Public Works Director

Project # **WW1705**
Project Name **Delaware Tech Pump Station Replacement**

Type Improvement
Useful Life 20-25 years
Category Water/Wastewater

New Project: No
Account Number: 417-6900-569.40-31
Priority 5
Time-Line: FY17-FY18
Status Active
Total Project Cost: **$436,000**

Description

This project calls for replacement of the Smith & Loveless package pumping station installed in 1975 in order to handle the increased flows from the area. The station has exceeded its life anticipated expectancy of 20-25 years and is in need of a capacity upgrade due to anticipated increase flow. Estimates provided by Pennoni Associates, Consulting Engineer.

Justification

Replace the aged station with a completely new station to prevent the need for costly unbudgeted repairs to maintain operation. Pump failure resulting in a sewage spill into waterway or backup in a residence. Due to the age of the station, certain parts are no longer obtainable, and replacement of equipment is costly. Design in Fiscal 2017; construction in Fiscal 2018

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Planning/Design	52,000					52,000
Construction/Maintenance		384,000				384,000
Total	**52,000**	**384,000**				**436,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
DE Sewer Revolving Loan Fund		384,000				384,000
Impact Fee Reserve	20,800					20,800
Water/Wastewater Fund	31,200					31,200
Total	**52,000**	**384,000**				**436,000**

Budget Impact/Other

The construction phase of this project has a potential to be funded by a Clean Water State Revolving Fund Loan.

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Wastewater Management
Contact Public Works Director

Project # **WW1706**
Project Name **Silver Lake Pump Station Replacement**

Type Improvement
Useful Life 20-25 years
Category Water/Wastewater

New Project: No
Account Number: 417-6900-569.40-31
Priority 6 --

Time-Line: FY17 - FY19
Status Active

Total Project Cost: **$448,000**

Description

This project calls for replacement of the Smith & Loveless package pumping station installed in 1982 in order to handle development in the area, as well as completely rehabilitate the wet well side of the pump station using a poly-triplex system liner. The station has exceeded its life expectancy of 20-25 years and is in need of a capacity upgrade to handle anticipated growth in the basin.

Justification

Replace the aged station with a completely new station to prevent the need for costly unbudgeted repairs to maintain operation. Pump failure resulting in a sewage spill into waterway or backup in a residence. Due to the age of the station, certain parts are no longer obtainable and replacement of equipment is costly. Design in Fiscal 2017; construction in Fiscal 2019.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Planning/Design	52,000					52,000
Construction/Maintenance			396,000			396,000
Total	**52,000**		**396,000**			**448,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
DE Sewer Revolving Loan Fund			396,000			396,000
Impact Fee Reserve	20,800					20,800
Water/Wastewater Fund	31,200					31,200
Total	**52,000**		**396,000**			**448,000**

Budget Impact/Other

The construction phase of this project has a potential to be funded by a Clean Water State Revolving Fund Loan.

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Wastewater Management
Contact Public Works Director

Project # **WW1707**
Project Name **Walker Woods Pump Station Replacement**

Type Improvement
Useful Life 20-25 years
Category Water/Wastewater

New Project: Yes
Account Number: 417-6900-569.40-31
Priority 7 --

Time-Line: FY19-FY20
Status Active

Total Project Cost: **$460,000**

Description

This project calls for replacement of the Smith & Loveless package pumping station installed in 1989 in order to handle development in the area, as well as completely rehabilitate the wet well side of the pump station using a poly-triplex system liner. The station has exceeded its life expectancy of 20-25 years and is in need of a capacity upgrade to handle anticipated growth in the basin.

Justification

Replace the aged station with a completely new station to prevent the need for costly unbudgeted repairs to maintain operation. Pump failure resulting in a sewage spill into waterway or backup in a residence. Due to the age of the station, certain parts are no longer obtainable and replacement of equipment is costly. Design in Fiscal 2017; construction in Fiscal 2020.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Planning/Design	52,000					52,000
Construction/Maintenance				408,000		408,000
Total	**52,000**			**408,000**		**460,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
DE Sewer Revolving Loan Fund				408,000		408,000
Impact Fee Reserve	20,800					20,800
Water/Wastewater Fund	31,200					31,200
Total	**52,000**			**408,000**		**460,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Wastewater Management
Contact Public Utilities Director

Project # **WW1805**
Project Name **Tar Ditch Interceptor**

Type Improvement
Useful Life 20-25 years
Category Water/Wastewater

New Project: Yes
Account Number: 417-6900-569.40-31
Priority 5

Time-Line: FY18
Status Active

Total Project Cost: **$250,000**

Description

This project, identified in the 2009 Wastewater Master Plan, requires approximately 300 linear feet of fifteen (15") gravity sanitary sewer replacement. It has been identified that the subject pipe is flowing with a reverse slope, which can cause a surcharge during peak flow periods. Estimates provided by AECOM, Corp., Consulting Engineer.

Justification

Delaying this project will result in preventing growth, as well as environmental issues with sewage surcharging onto the ground. Additionally, not addressing this issue could result in sewage backups to residences. Construction in Fiscal 2018.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance		250,000				250,000
Total		**250,000**				**250,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
DE Sewer Revolving Loan Fund		250,000				250,000
Total		**250,000**				**250,000**

Budget Impact/Other

The construction phase of this project has a potential to be funded by a Clean Water State Revolving Fund Loan.

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Wastewater Management
Contact Public Works Director

Project # WW2004
Project Name College Road Pump Station Replacement

Type Improvement
Useful Life 20-25 years
Category Water/Wastewater
Priority 4
Status Active

New Project: Yes
Account Number: 417-6900-569.40-31
Time-Line: FY20-FY21
Total Project Cost: **$475,000**

Description

This project calls for replacement of the Smith & Loveless package pumping station installed in 1987 in order to handle development in the area, as well as completely rehabilitate the wet well side of the pump station using a poly-triplex system liner. The station has exceeded its life expectancy of 20-25 years and is in need of a capacity upgrade to handle anticipated growth in the basin.

Justification

Replace the aged station with a completely new station to prevent the need for costly unbudgeted repairs to maintain operation. Pump failure resulting in a sewage spill into waterway or backup in a residence. Due to the age of the station, certain parts are no longer obtainable and replacement of equipment is costly. Design and bid in Fiscal 2020; construction in Fiscal 2021.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Planning/Design				55,000	420,000	475,000
Total				**55,000**	**420,000**	**475,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Impact Fee Reserve				22,000	168,000	190,000
Water/Wastewater Fund				33,000	252,000	285,000
Total				**55,000**	**420,000**	**475,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Wastewater Management
Contact

Project # **WW2104**
Project Name **Turnberry Pump Station Replacement**

Type Improvement
Useful Life 20-25 years
Category Water/Wastewater
Priority 4
Status Active

New Project: Yes
Account Number: 417-6900-569.40-31
Time-Line: FY21
Total Project Cost: **$60,000**

Description

This project calls for replacement of the Smith & Loveless package pumping station installed in 1989 in order to handle development in the area, as well as completely rehabilitate the wet well side of the pump station using a poly-triplex system liner. The station has exceeded its life expectancy of 20-25 years and is in need of a capacity upgrade to handle anticipated growth in the basin.

Justification

Replace the aged station with a completely new station to prevent the need for costly unbudgeted repairs to maintain operation, thus reducing pump failure resulting in a sewage spill into waterway or backup in a residence. Due to the age of the station, certain parts are no longer obtainable and replacement of equipment is costly. Design and bid in Fiscal 2021; construction in Fiscal 2022.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Planning/Design					60,000	60,000
Total					**60,000**	**60,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Impact Fee Reserve					24,000	24,000
Water/Wastewater Fund					36,000	36,000
Total					**60,000**	**60,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Water Management
Contact Public Works Director

Project # **WD1605**
Project Name **Future Well Installation**

Type Improvement
Useful Life 100+
Category Water/Wastewater
Priority 5
Status Active

New Project: Yes
Account Number: 417-6800-568.40-31
Time-Line: FY16-FY18
Total Project Cost: **$1,198,300**

Description

The proposed project, identified by staff will drill a new well to increase production capacity for the Water Department. Estimates provided by URS, Consulting Engineer

Justification

To meet increased water demand and fire suppression requirements. Delaying or eliminating this project would result in the continued reduction in our production capabilities under our permitted allocation, as well as limiting the City's growth. Initial planning is proposed for FY15, site procurement planned for FY16 and construction in FY17.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Land Acquisition	100,000					100,000
Construction/Maintenance		1,098,300				1,098,300
Total	**100,000**	**1,098,300**				**1,198,300**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Impact Fee Reserve	100,000					100,000
Water/Wastewater Fund		1,098,300				1,098,300
Total	**100,000**	**1,098,300**				**1,198,300**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Water Management
Contact Public Works Director

Project # **WD1700**
Project Name **Meter Replacement Project**

Type Improvement
Useful Life 20 years
Category Water/Wastewater

New Project: Yes
Account Number: 417-6800-568.40-31
Priority 1

Time-Line: FY17-FY21
Status Active

Total Project Cost: **$1,000,000**

Description

This project will be an ongoing project to replace our aged water meters in the system. A portion of water meters will be replaced each year. A majority of the water meters have exceeded their life expectancy of 15-20 years. The industry standard is to replace 20% of the meter inventory for five years. The City will benefit from this project by having a more efficient system which will recover maximum revenue to the water utility. Additionally, expenses of maintaining, stocking and operating the out dated meters are greatly reduced. This project will begin in Fiscal 2016.

Justification

This project will provide the City of Dover with accurate readings of our water users, thus creating accurate revenue from the customers. Delaying or eliminating this project would result in the age of the water meters increasing, and consequently the meters will not read the correct volume of water being consumed. Additionally, older water meters typically require more maintenance.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Equip/Vehicle/Furnishings	200,000	200,000	200,000	200,000	200,000	1,000,000
Total	**200,000**	**200,000**	**200,000**	**200,000**	**200,000**	**1,000,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Water/Wastewater Fund	200,000	200,000	200,000	200,000	200,000	1,000,000
Total	**200,000**	**200,000**	**200,000**	**200,000**	**200,000**	**1,000,000**

Budget Impact/Other

Over time, the capabilities of a water meter to read accurate volumes of water deteriorates, typically registering less water than actually being consumed. With installation of new meters, accurate readings will increase the actual revenue from this utility.

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Water Management
Contact Public Works Director

Project # **WD1701**
Project Name **Wellhead Redevelopment Program**

Type Improvement
Useful Life 20-25 years
Category Water/Wastewater

New Project: No
Account Number: 417-6800-568.40-31
Priority 1

Time-Line: FY17-FY21
Status Active

Total Project Cost: **$450,000**

Description

This project will provide for rehabilitation and repair of each deep wellhead in an effort to maintain operations and/or increase/maintain the yield of each well as it relates to the permitted allocation. FY 2008; total well inspection and testing performed. FY 2009: Motors at Wells #6A and #9 were rebuilt, and wells #13R and #15 were redeveloped. FY 2010: Well #10. FY 2011: Well #4 redevelopment and well piping improvements at various well locations, as well as continued well testing. FY 2012: Well #1 redevelopment. FY2013: complete repair of Well #10. FY2014: complete repair of well #14. FY2015 inspected: 2, 3, 11, 13R, 15, PW2 & PW4B. FY 2016 scheduled: 4, 6, 8R, 9, 10, PW6A & PW8A.

Justification

The well screening and gravel pack requires cleaning over time due to a buildup of mineral deposits and foreign materials such as clay and silt. This maintenance effort is critical to ensure that production can continue to meet demand. It is also necessary to maintain the operational aspects of each well and provide repairs as needed to minimize downtime to maintain system capacity. Delaying or eliminating this project would result in the continued deterioration of the well screen, gravel pack, and well yield over time. It would also result in increased well downtime, emergency repairs, and decreased capacity. These issues can lead to increased flow pattern changes and water quality concerns.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance	85,000	87,500	90,000	92,500	95,000	450,000
Total	**85,000**	**87,500**	**90,000**	**92,500**	**95,000**	**450,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Water/Wastewater Fund	85,000	87,500	90,000	92,500	95,000	450,000
Total	**85,000**	**87,500**	**90,000**	**92,500**	**95,000**	**450,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Water Management
Contact Public Works Director

Project # **WD1705**
Project Name **SCADA Equipment Technology Upgrade**

Type Improvement
Useful Life 10-12 years
Category Water/Wastewater

New Project: No
Account Number: 417-6800-568.40-31
Priority 5

Time-Line: FY17
Status Active

Total Project Cost: **$88,000**

Description

This project involves the replacement of antiquated and/or obsolete equipment related to the SCADA (Supervisory Control and Data Acquisition) system, which controls water production. This equipment includes, but is not limited to, Remote Telemetry Units (RTUs), Master Telemetry Unit (MTU) and Radios. SCADA is used for reporting, on a constant basis, the status of the City of Dover's water production wells as well as the Water Treatment Plant. The equipment being replaced would be outdated, or unable to be repaired. It is estimated that upgrades will be made at deep well sites and the Water Treatment Plant, as part of this program.

Justification

Replace failing and antiquated equipment to improve monitoring ability and system control to comply with regulatory and reporting requirements and to prevent the need for costly non budgeted emergency repairs. Due to the age of some of the equipment, only used parts are available. Lack of alarms regarding problems at water production wells and the water treatment plant. Failures would provide no advance warnings of failures in the field at water production sites.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Equip/Vehicle/Furnishings	88,000					88,000
Total	**88,000**					**88,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Water/Wastewater Fund	88,000					88,000
Total	**88,000**					**88,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Project # **WQ1702**

Project Name **Water Quality Improvements**

New Project: No

Account Number: 417-6800-568.40-31

Time-Line: FY17-FY21

Department Water Management

Contact Public Works Director

Type Improvement

Useful Life 90+ years

Category Water/Wastewater

Priority 2

Status Active

Total Project Cost: **$3,878,600**

Description

This project was first identified by staff and the 2006 Water Master Plan Update, and has since become further refined with the FY 2006 Water Quality Evaluation. Projects to be included under this category primarily consist of replacement or relining of old unlined cast iron water main within the City's water distribution system; system upgrades to improve system control; and utilization of a consultant to provide additional design and evaluation services, as needed. Recent research and data collection has produced a Water Main Rehabilitation Priority List, based on several criteria to identify water mains that are in need of replacement or relining. Pipes will be upgraded according to the severity of the pipe condition, as well as coordination with the City of Dover's Public Services Street Rehabilitation Program. Between FY 2008 and FY 2010, the deep well contact chambers were designed and installed. Between FY 2008 and FY 2011 the water mains that were replaced include, Washington Street, Pennsylvania Avenue, South Street, Pear Street, West Street, Hazel Road, Maryland Avenue, American Avenue, Bayard Avenue, Greenhill Avenue, Bayard Avenue Alley and Loockerman Street. Operational efforts, such as flushing, will continue to occur on a routine basis. FY 2012 improvements include, N. Pennsylvania Ave., American Ave. Ext., Madison St., Rodney Rd., New Street, Ross Street and Bradford Street (near Wesley College). FY 2013 improvements included North Street. As part of the Water Main Rehabilitation Priority List, water lines were identified throughout the City that requires replacement/relining. FY 2014 improvements included West Dover Connector. Using this as a guide, FY 2015 roads include New Street, William Street and West Street Alley.

Justification

Water quality complaints have eroded consumer confidence in the City's water supply as the water is perceived to be aesthetically unpleasant. In order to reduce complaints and potentially alleviate this problem, it is necessary to implement the improvements identified by staff, the 2006 Water Master Plan Update, and the FY 2006 Water Quality Evaluation. Delaying or eliminating this project will prolong customer dissatisfaction and further erode confidence in the City's water supply. In addition, main rehabilitation and replacement, ensuring pipes do not significantly exceed the expected life cycle, is critical to provide a reliable supply of water for our customers and for fire suppression. Water leaks and breaks on older lines can have a significant impact on our ability to serve over time. Addressing the brown water and associated water quality concerns of the City's water system will not only require capital improvements to the system but also operational changes. Some operation changes will result in no net effect on the operating budget, while others will need to be addressed in the development of future operating budgets. Such items include tools and supplies necessary to improve system sampling and monitoring as well as tools and supplies necessary to improve system-wide flushing operations.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance	645,800	265,800	881,000	919,000	1,167,000	3,878,600
Total	**645,800**	**265,800**	**881,000**	**919,000**	**1,167,000**	**3,878,600**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Impact Fee Reserve	90,800	48,700	86,400			225,900
Water/Wastewater Fund	555,000	217,100	794,600	919,000	1,167,000	3,652,700
Total	**645,800**	**265,800**	**881,000**	**919,000**	**1,167,000**	**3,878,600**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Water Management
Contact Public Works Director

Project # **WQ1703**
Project Name **Miscellaneous Emergency Water Repairs**

Type Improvement
Useful Life 50-80
Category Water/Wastewater

New Project: Yes
Account Number: 417-6800-568.40-31
Priority 3

Time-Line: FY17-FY21
Status Active

Total Project Cost: **$395,000**

Description

This project will repair failing water infrastructure. The work will focus on emergency repair situations on City owned infrastructure. No specific locations for this work have been identified.

Justification

This project is necessary to address failing or deteriorated infrastructure in the City. If these repairs are not conducted, significant impacts to property, life and environment could arise. Delaying these repairs could result in road failure, sink holes and environmental impacts.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance	75,000	77,000	79,000	81,000	83,000	395,000
Total	**75,000**	**77,000**	**79,000**	**81,000**	**83,000**	**395,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Water/Wastewater Fund	75,000	77,000	79,000	81,000	83,000	395,000
Total	**75,000**	**77,000**	**79,000**	**81,000**	**83,000**	**395,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Water Treatment Plant
Contact Public Works Director

Project # **WD1609**
Project Name **Water Treatment Plant Process Improvements**

Type Improvement
Useful Life 20-25 years
Category Water/Wastewater

New Project: No
Account Number: 417-7600-576.40-31
Priority 4

Time-Line: FY15-FY18
Status Active

Total Project Cost: **$2,684,400**

Description

This project, identified in the 2006 Water Master Plan Update, proposes process improvements to the existing Water Treatment Plant. Due to limitations with the Ozone Contactors, the capacity at the Water Treatment Plant is below the original design capacity. A consultant will be utilized to determine the best means and improvements necessary to rehabilitate the infrastructure. Planning is proposed for Fiscal Year 2015-2016; construction to begin in Fiscal 2017.

Justification

Process improvements will allow for improved ability to meet regulatory requirements. Delaying or eliminating this project can result in deteriorating infrastructure, which could limit growth, and/or cause regulatory incompliance.

Prior	Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
284,400	Construction/Maintenance	1,200,000	1,200,000				2,400,000
Total	**Total**	**1,200,000**	**1,200,000**				**2,400,000**

Prior	Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
284,400	DE Water Revolving Loan Fund	1,200,000	1,200,000				2,400,000
Total	**Total**	**1,200,000**	**1,200,000**				**2,400,000**

Budget Impact/Other

Electric Fund

City of Dover, Delaware

FY 2017 Capital Investment Plan

FY 17 thru **FY 21**

FUNDING SOURCE SUMMARY

Source	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Developer Contribution	900,000	900,000	900,000	900,000	900,000	*4,500,000*
Development Grant	5,000					*5,000*
Electric I & E Fund	1,000,000	437,500				*1,437,500*
Electric Revenue	3,704,500	5,206,700	3,571,000	2,874,000	2,015,000	*17,371,200*
Future Capacity Reserve Fund		50,000		6,000,000		*6,050,000*
General Fund		400,200				*400,200*
Water/Wastewater Fund		462,300				*462,300*
GRAND TOTAL	**5,609,500**	**7,456,700**	**4,471,000**	**9,774,000**	**2,915,000**	***30,226,200***

City of Dover, Delaware

FY 2017 Capital Investment Plan

FY 17 thru FY 21

PROJECTS BY DEPARTMENT

Department	Project#	Priority	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Engineering								
Townpoint Development ~ Distribution Feeders	*EE1513*	1	350,000	350,000	350,000	350,000	350,000	*1,750,000*
69 kV Cable Replacement North Street	*EE1605*	1		480,700				*480,700*
Fault Indicators	*EE1610*	2	10,000	10,000	10,000	10,000		*40,000*
North Street OH to UG (Governors to Queen)	*EE1631*	n/a		170,000				*170,000*
SCADA Master Hardware Replacement	*EE1700*	1	150,000					*150,000*
UPS System Replacement	*EE1701*	1	25,000					*25,000*
Transmission Line Maintenance Program	*EE1703*	2	75,000	75,000	75,000	75,000	75,000	*375,000*
Lighting Project and Rehabilitation	*EE1704*	1	50,000	50,000	50,000	50,000	50,000	*250,000*
Distribution Capacitors and Controls	*EE1706*	2	50,000	50,000	50,000	50,000	50,000	*250,000*
LED Lighting Upgrade	*EE1707*	1	17,500					*17,500*
Ampacity Standardization	*EE1708*	2	25,000	25,000	25,000	25,000	25,000	*125,000*
Substation Relay Upgrade	*EE1709*	2	125,000	150,000	75,000			*350,000*
Garrision Oak / Sun Park Substation	*EE1801*	5		50,000		6,000,000		*6,050,000*
College Road Consolidation	*EE1809*	6		120,000				*120,000*
Distribution Upgrades	*EE1810*	1			300,000	600,000		*900,000*
Ann Avenue Underground Upgrade	*EE1811*	2		126,000				*126,000*
Beechwood Avenue Underground Upgrade	*EE1812*	3		80,000				*80,000*
System Automation	*EE1813*	4		150,000	150,000	150,000	150,000	*600,000*
System Operations Voice Recorder	*EE1900*	1			18,000			*18,000*
Farmview Underground Upgrade	*EE1901*	2			110,000			*110,000*
The Greens Underground Upgrade	*EE1902*	3			90,000			*90,000*
Electric Engineering Total			**877,500**	**1,886,700**	**1,303,000**	**7,310,000**	**700,000**	***12,077,200***
Electric T & D								
Public Works Wetlands Project (Tar Ditch)	*EE1710*	1	450,000					*450,000*
New Developments	*EE1717*	1	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	*7,500,000*
Electric T & D Total			**1,950,000**	**1,500,000**	**1,500,000**	**1,500,000**	**1,500,000**	***7,950,000***
Finance								
Enterprise Resource Planning (ERP) Solution	*FN1701*	1	1,000,000	1,000,000	300,000			*2,300,000*
Finance Total			**1,000,000**	**1,000,000**	**300,000**			***2,300,000***
Power Plant								
McKee Run Unit #3 Boiler Systems	*EG1504*	1	382,000	160,000	299,000	80,000	235,000	*1,156,000*
McKee Run Building Equipment Replacement	*EG1601*	3	59,000	99,000	27,000	66,000	175,000	*426,000*
McKee Run Unit 3 Auxiliary System Components	*EG1607*	2	128,000	261,000	277,000	213,000	65,000	*944,000*
Van Sant Unit 11 Component Replacements	*EG1609*	4			89,000	305,000	90,000	*484,000*
Plant Systems Safety & Compliance Improvements	*EG1610*	6	112,000	37,000				*149,000*
McKee Run & VanSant - Preservation of Structures	*EG1611*	5	131,000	130,000	100,000	100,000	125,000	*586,000*
Van Sant Unit 11 Major Inspection	*EG1701*	2	400,000	1,548,000		150,000		*2,098,000*
McKee Run Unit 3 Hydrogen Purity Analyzer	*EG1704*	1	96,000					*96,000*
Unit #3 Fast Start Upgrade	*EG1706*	2		200,000				*200,000*
Unit 3 Cooling Water Line Repairs	*EG1709*	3	469,000					*469,000*

Department	Project#	Priority	FY 17	FY 18	FY 19	FY 20	FY 21	Total
VanSant Fire Suppression System Upgrade	*EG1711*	4		285,000				*285,000*
Hydrogen Generator	*EG1807*	1		50,000				*50,000*
McKee Run Unit #3 Turbine Repairs - Generator	*EG1901*	1			438,000	25,000	25,000	*488,000*
McKee Run Unit 3 Turbine Repairs Intercept Valves	*EG1902*	2			438,000	25,000		*463,000*
Power Plant Total			**1,777,000**	**2,770,000**	**1,668,000**	**964,000**	**715,000**	***7,894,000***
GRAND TOTAL			**5,604,500**	**7,156,700**	**4,771,000**	**9,774,000**	**2,915,000**	***30,221,200***

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Electric Engineering
Contact Electric Director

Project # **EE1513**
Project Name **Townpoint Development ~ Distribution Feeders**

Type Improvement
Useful Life 20-25 years
Category Electric
Priority 1
Status Active

New Project: Yes
Account Number: 487-8300-563.90-25
Time-Line: Multi-year
Total Project Cost: **$2,350,000**

Description

FY17 - This project will continue to remove troublesome overhead distribution wiring and replace with underground installations. Current plan is broken into 4 phases dependent on rate structure of boring, electrician services and landscaping fees and was initially approved for a four year completion. Due to changes in prices, this request will be for a funding out to 2021 at the same $350,000 per year allocated. Current activity has completed 75% of the first of five phases planned across the next five years (FY17-21). Phases will be completed as funding dictates during the associated FY accounting for contractor costs and associated expenses.

FY16 - This project involves the systemic replacement of overhead lines with underground lines. Whenever services are being moved, wire is damaged, trees cause a high number of outages, or development is in progress, and when it is beneficial to the Utility to convert to underground. This can involve a single line section or an entire residential neighborhood. Annual outage records are reviewed and selected areas are scheduled for upgrade to underground service. Additionally, this program funds the replacement of existing underground conductors and equipment that have reached their useful life and have started failing and require replacement.

Justification

FY17 - The conversion from overhead to underground will improve reliability and stability of electric service to the residents of the subdivision.

FY16 - The number of storm and tree-related outages has been greatly reduced under this program and further improvements can be made to insure the most reliable electric service possible. Reliability has become one of most important factors to electric customers, second only to safety. The utility has responded by attempting to provide the most reliable system possible. Underground cable replacements are necessary as the useful, reliable, life of the original underground cable was 20-30 years. By proactively replacing this cable we will minimize outages and improve system reliability. In addition to cable replacement, overhead lines are replaced with underground to minimize outages caused by tree growth or animal contact. Lastly, overhead lines that have reached the end of their useful life are replaced with underground instead of rebuilding the overhead.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Continued outages lead to increased complaints from our customers and will lead to customer dissatisfaction. There will be increased costs for repairs made under outage conditions as well as loss of electric revenue.

Prior	Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
600,000	Construction/Maintenance	350,000	350,000	350,000	350,000	350,000	1,750,000
Total	**Total**	**350,000**	**350,000**	**350,000**	**350,000**	**350,000**	**1,750,000**

Prior	Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
600,000	Electric Revenue	350,000	350,000	350,000	350,000	350,000	1,750,000
Total	**Total**	**350,000**	**350,000**	**350,000**	**350,000**	**350,000**	**1,750,000**

Budget Impact/Other

FY17 - Previously approved for $1,350,000 over 4 years starting FY2015 ($250,000/$350,000/$350,000/$350,000) with approximately $600,000 spent on initial installation and phased in progress through the development. This request would extend initial request from 4 years to 7 years for an additional $1,050,000 in funding from FY 2019-2021.

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Electric Engineering
Contact Electric Director

Project # **EE1605**
Project Name **69 kV Cable Replacement North Street**

Type Improvement
Useful Life 30+ years
Category Electric

New Project: No
Account Number: 487-8300-563.50-83
Time-Line: FY15-FY18

Priority 1
Status Active
Total Project Cost: **$615,700**

Description

Replace the aging 69 KV underground cables from North Street switching yard to Kraft's and Proctor & Gamble's (customer owned) substations.

TIME-LINE/CURRENT STATUS: Engineering is scheduled for FY15/FY16 with completion in FY18.

COMMENTS: Proactively replacing cables that have reached their anticipated life.

Justification

Proctor & Gamble and Kraft are two (2) of the City of Dover's 69 KV customers and it is our obligation to provide them with adequate and reliable service. The cables were installed in 1973 and have had two repairs. The first repair was in 1986 and the second repair was in 1992.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Customer outages due to failing conductor. Additionally, the limited capacity of a single circuit could restrict the possible generation of NRG and the production of Proctor & Gamble and Kraft Foods. This project will take some time as the old cable is buried in concrete which will require rerouting.

Prior	Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
135,000	Construction/Maintenance		480,700				480,700
Total	**Total**		**480,700**				**480,700**

Prior	Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
135,000	Electric Revenue		480,700				480,700
Total	**Total**		**480,700**				**480,700**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Electric Engineering
Contact Electric Director

Project # **EE1610**
Project Name **Fault Indicators**

Type Improvement
Useful Life 15-20 years
Category Electric

New Project: Yes
Account Number: 487-8300-563.90-25
Priority 2

Time-Line: FY16-FY20
Status Active

Total Project Cost: **$40,000**

Description

Replacing fault indicators for overhead and underground primaries.

Justification

Aids in restoring power during an outage and finding the causes of said outages.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance	10,000	10,000	10,000	10,000		40,000
Total	**10,000**	**10,000**	**10,000**	**10,000**		**40,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue	10,000	10,000	10,000	10,000		40,000
Total	**10,000**	**10,000**	**10,000**	**10,000**		**40,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Electric Engineering
Contact Electric Director

Project # **EE1631**
Project Name **North Street OH to UG (Governors to Queen)**

Type Improvement
Useful Life
Category Electric
Priority n/a
Status Active

New Project: Yes
Account Number: 487-8300-563.90-25
Time-Line:

Total Project Cost: **$170,000**

Description

This project is to bury the overhead electric lines on W. North Street from S. Governors Avenue to S. Queen Street. All poles will be removed and 16 street lights installed.

Verizon and Comcast lines will also have to be buried in order for the poles to be removed.

Justification

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance		170,000				170,000
Total		**170,000**				**170,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue		170,000				170,000
Total		**170,000**				**170,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Electric Engineering
Contact Electric Director

Project # EE1652
Project Name South New Street Lighting Project

Type Improvement
Useful Life 10-15 years
Category Electric
Priority 1
Status Active

New Project: Yes
Account Number: 487-8200-562.60-34
Time-Line: FY16-FY17
Total Project Cost: **$70,000**

Description

This project is to provide improvements to the street lights on South New Street from Loockerman Street to several hundred north of Reed Street. It would replace a series of Victorian lights and overhead light fixtures and replace them with a uniform standard and lighting head to help aesthetically improve the area.

Justification

This project is a Restoring Central Dover Steering Committee recommendation and will provide continuity in the installation of street lights in the redevelopment area.

Prior
70,000
Total

Prior	Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
65,000	Development Grant	5,000					5,000
Total	**Total**	**5,000**					**5,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Electric Engineering
Contact Electric Director

Project # **EE1700**
Project Name **SCADA Master Hardware Replacement**

Type Equipment
Useful Life 5-10 years
Category Electric

New Project: Yes
Account Number: 487-8300-563.80-38
Priority 1

Time-Line: FY17
Status Active

Total Project Cost: **$150,000**

Description

This project will replace the Master Station hardware and associated enclosures/desks. The Master Station receives all the analog data, door alarms, and control for all electrical substations and wastewater lift stations. The Master Station is comprised of dual host servers, dual operator consoles, paging systems, web server, two firewalls for DMZ and one remote access/support firewall. The Master Station also allows the operators to modify and control the city's electrical grid remotely reducing the amount of time outages affect the residents and reduce harm to the city's populace. Requested amount includes $130,000 for master hardware replacement and associated training for 2 personnel who are tasked with the day to day maintenance of the SCADA system. This also accounts for modifications to the workstation enclosures to account for new equipment.

TIME-LINE/CURRENT STATUS: Equipment will be ordered and replaced during the FY17 budget year.

Justification

The equipment will reach the end of its life expectancy. It should be noted that the systems runs continuously 24 hours a day seven days a weeks to monitor and track anomalies in the electrical and wastewater systems. The additional firewalls will be required to conform to upcoming implementations of NERC CIP Cyber Security Standards.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: If the system fails, we will not be able to monitor or control electrical substations and view alarms for wastewater lift stations. This could result in prolonged outages and/or outages in wastewater removal as well as overflows.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Equip/Vehicle/Furnishings	150,000					150,000
Total	**150,000**					**150,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue	150,000					150,000
Total	**150,000**					**150,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Electric Engineering
Contact Electric Director

Project # **EE1701**
Project Name **UPS System Replacement**

Type Equipment
Useful Life 5-10 years
Category Electric

New Project: Yes
Account Number: 487-8300-563.40-25
Priority 1

Time-Line: FY17
Status Active

Total Project Cost: **$25,000**

Description

Uninterruptible Power Supplies (UPS) is an electrical device that provides emergency power to a load when the input power source, typically main power fails. The primary role of the UPS is to provide short term power unitl the back up generator comes on when the input power source fails.

Justification

The existing system is 12 years old and will be due for replacement as the unit has reached it's life expectancy.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Equip/Vehicle/Furnishings	25,000					25,000
Total	**25,000**					**25,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue	25,000					25,000
Total	**25,000**					**25,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Electric Engineering
Contact Electric Director

Project # **EE1703**
Project Name **Transmission Line Maintenance Program**

Type Maintenance
Useful Life 20-25 years
Category Electric

New Project: No
Account Number: 487-8300-563.70-35
Priority 2

Time-Line: On Going Maint.
Status Active

Total Project Cost: **$375,000**

Description

FY17 Note – While there has been no major maintenance required this FY due to higher priority projects, this funding can be critical to restoration of power due to storm loss or catastrophic component failure. Certain areas have 795 ASCR cable in overhead applications and have one wire per phase. Unit of issue for the wire is by the spool and each spool is 3,470 feet so to replace 3 phases of 795 cable across 3,470 feet would cost approximately $18,600 not including associated hardware.

FY16 - Replace aging porcelain insulators and related components on the transmission system with new polymer insulators and components.

Justification

IInsulators have a defined equipment life due to sun and weather conditions breaking down the porcelain and base bonding cement. Insulators installed in 1960's and 1970's are due for replacement because of this deterioration. We have experienced several transmission outages due to insulator failure. Replacing the insulators should extend the life an additional 30 years.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Outages may occur if insulators are not replaced and fail due to deterioration.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance	75,000	75,000	75,000	75,000	75,000	375,000
Total	**75,000**	**75,000**	**75,000**	**75,000**	**75,000**	**375,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue	75,000	75,000	75,000	75,000	75,000	375,000
Total	**75,000**	**75,000**	**75,000**	**75,000**	**75,000**	**375,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Electric Engineering
Contact Electric Director

Project # **EE1704**
Project Name **Lighting Project and Rehabilitation**

Type Maintenance
Useful Life 10-12 years
Category Electric

New Project: No
Account Number: 487-8300-563.50-76
Priority 1

Time-Line: Continuous
Status Active

Total Project Cost: **$250,000**

Description

FY17 - Continual replacement of existing lighting and upgrade of lighting to more energy efficient LED lights. There were 25 lights on RT 13 that were converted to LED. Coordinating with Dover Police Department to install LEDs in several alleys to provide better lighting for residents and emergency responders.

FY16 -This fund was developed to replace and repair existing street lights or install new lights upon customer request.

COMMENTS: This fund will remain active as long as there are improvements to be made. Private area lighting requests are a source of revenue for the City. Areas completed are White Oak Apartments, Westfield, Fairview, Cranberry Run, Millcreek, Independence Village and Governors Avenue (South 100 Block), Deerfield, Central Middle School, Fox Hall, Hidden Oaks, a portion of North Governors Ave, The Meadows, Turnberry, Baltray,
Bicentennial, The Overlook and Woodcrest. Areas to be completed this budget year include Old Mill Acres and Eagles Nest.

Justification

FY17 -radual conversion of existing lights to LED lights will provide a longer useful life and reduce replacement costs as well as monthly electric consumption for the City.

FY16 - The Electric Division receives numerous requests for lighting improvements. These requests are due to the lights aging, and as they age they put out less light and become unreliable. There are many developments that are in need of street light improvements. This fund would also provide funding for new private security light requests.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Constant complaints of poor street lighting and multiple failures due to antiquated lights.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance	50,000	50,000	50,000	50,000	50,000	250,000
Total	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**250,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue	50,000	50,000	50,000	50,000	50,000	250,000
Total	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**250,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Project # **EE1706**

Project Name **Distribution Capacitors and Controls**

New Project: No

Account Number: 487-8300-563.60-82

Time-Line: Continuous

Department Electric Engineering

Contact Electric Director

Type Improvement

Useful Life 15-20 years

Category Electric

Priority 2

Status Active

Total Project Cost: **$250,000**

Description

Install distribution capacitors throughout the system to correct poor power factor on distribution circuits. Install capacitor controllers capable of two-way communication to provide real-time monitoring and remote control operation. These controllers will be capable of switching the capacitors on and off to comply with system requirements. This project will also replace outdated substation equipment, capable of advanced metering such as power factor and harmonics to further analyze system performance remotely. Lastly, distribution line recorders will be purchased and installed to provide power factor recordings to fine tune this operation.

COMMENTS: The required substation equipment installation will be completed in two phases. FY2016 will upgrade the required communication equipment installed 20 years ago. FY2017 will install equipment capable of extracting system data, for enhanced performance analyzing. The completion of these two phases will ultimately reduce engineering time and costs because of remote access to all substations. In addition to this advanced metering, event report extraction and analysis, relay settings review and installation, and advancements to our 24 hour system operation center will be also be realized. FY2016 -FY2020 will be the addition of capacitor banks and controllers into the distribution system.

Justification

Additional capacitance is required in order to meet system power factor requirements at the Delmarva Power and Light interchange point. This was substantiated through a load-flow study conducted by Shaw in early 2004 and distribution study by Wilson & Wilson in 2006. The current capacitor controls are not providing the granularity required to turn them off and on as required to meet both the power quality requirements of our customers and DP&L requirements. Additional controls are required to fine tune the systems operation.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Without the additional capacitor banks and more importantly controls, the City may experience a low/high voltage problem at the customer level and/or the possibility of having to pay power factor penalties to Delmarva Power and Light.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance	50,000	50,000	50,000	50,000	50,000	250,000
Total	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**250,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue	50,000	50,000	50,000	50,000	50,000	250,000
Total	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**250,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Electric Engineering
Contact Electric Director

Project # **EE1707**
Project Name **LED Lighting Upgrade**

Type Improvement
Useful Life 7 - 10 years
Category Electric

New Project: Yes
Account Number: 487-8300-563.40-31
Priority 1

Time-Line: FY17
Status Active

Total Project Cost: **$17,500**

Description

Replace selected alley way lighting from mercury vapor & high pressure sodium lights to LED lights.

Justification

In coordination with the Dover Police Department, specific alleys were designated for a test program using LED lights to replace existing mercury vapor & high pressure sodium lights. The utilization of LED lighting will produce more illumination in the alley at a reduced cost to the City. Current reduction in wattage would be from 100 to 400 watt conventional fixtures to 91 watt LED fixtures. The end goal of the project is to replace the lighting in 4 alleys and then evaluate the impact of the lighting on criminal activity. This could lead to more alleys being changed over but further maintenance actions will be driven at the request of the Police Department.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance	17,500					17,500
Total	**17,500**					**17,500**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue	17,500					17,500
Total	**17,500**					**17,500**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Electric Engineering
Contact Electric Director

Project # **EE1708**
Project Name **Ampacity Standardization**

Type Improvement
Useful Life 15-20 years
Category Electric

New Project: Yes
Account Number: 487-8300-563.40-31
Priority 2
Time-Line: FY17-FY21
Status Active
Total Project Cost: **$125,000**

Description

Standardize the primary overhead and underground distribution wiring to allow consistent ampacity throughout the City's feeders.

Justification

This project will replace segments of overhead and underground wiring to allow for a consistent ampacity rating throughout the City. Currently there are several sections of primary distribution wiring that lower the overall ampacity of the circuit which can hinder growth, cause equipment failure and cause outages due to increased demand. This project will be worked in conjunction with other projects to increase reliability and stability of the City's infrastructure.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance	25,000	25,000	25,000	25,000	25,000	125,000
Total	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**125,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue	25,000	25,000	25,000	25,000	25,000	125,000
Total	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**125,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Electric Engineering
Contact Electric Director

Project # **EE1709**
Project Name **Substation Relay Upgrade**

Type Improvement
Useful Life 25 - 30 years
Category Electric
Priority 2
Status Active

New Project: Yes
Account Number: 487-8300-563.40-31
Time-Line: FY17 - FY19
Total Project Cost: **$350,000**

Description

Replacement of selected relay components to standardize the entire COD system by converting to an all Schweitzer relaying and protection configuration. Replace out dated substation Relaying (protection) equipment and upgrade RTAC (Real-Time Automation Controller)

Justification

This upgrade will greatly improve the monitoring capabilities of the city's distribution system and add the capability of monitoring power factor at all substations. This upgrade will also help in analyzing the fault and determining the causes of outages and anomalies. It will also improve the system reliability with the upgrade to the RTAC by providing more dependable and real time monitoring of the COD power grid through the SCADA system.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Planning/Design	50,000	50,000				100,000
Construction/Maintenance	75,000	100,000	75,000			250,000
Total	**125,000**	**150,000**	**75,000**			**350,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue	125,000	150,000	75,000			350,000
Total	**125,000**	**150,000**	**75,000**			**350,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Electric Engineering
Contact Electric Director

Project # **EE1801**
Project Name **Garrision Oak / Sun Park Substation**

Type Equipment
Useful Life 30 Years
Category Electric

New Project: Yes
Account Number:
Priority 5

Time-Line: FY18-FY20
Status Active

Total Project Cost: **$6,050,000**

Description

FY18 - Requested funding for initial planning and engineering for design and construction of a new electric substation located at Garrison Oak Park. Amount includes $50,000 for engineering service and associated costs with design and estimation of layout and capabilities of new substation.

Justification

FY18 - As occupancy of Garrison Oak Technology Park increases, the amount of power drawn will exceed the capabilities of the current City of Dover Transmission and Distribution system. We currently have 2 megawatts of reserve power for contingency situations for Calpine and we estimate approximately 500 to 2000 kilowatts of demand per lot. This additional load will not be attainable without a new substation to dedicate to the park and allow distribution to a limited amount of customers outside the park in residential areas.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Planning/Design		50,000				50,000
Construction/Maintenance				6,000,000		6,000,000
Total		**50,000**		**6,000,000**		**6,050,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue		50,000				50,000
Future Capacity Reserve Fund				6,000,000		6,000,000
Total		**50,000**		**6,000,000**		**6,050,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Electric Engineering
Contact Electric Director

Project # **EE1809**
Project Name **College Road Consolidation**

Type Improvement
Useful Life 25 - 30 years
Category Electric

New Project: Yes
Account Number: 487-8300-563.40-31
Priority 6 --

Time-Line: FY18
Status Active

Total Project Cost: **$120,000**

Description

The high-side of the substation will be upgraded to include transmission line protection breakers.

Justification

This project will consolidate the College Road substation into one existing building instead of the current configuration taking up two buildings. The metal clad switchgear has eight distribution circuits breakers and all the distribution protection relays. All the 69kv transmission line protection relays are in the old College Road building, which is about 25 years old. We would like to move the 69kv transmission line protection relays in to the metal clad switchgear with all the other relays so we will have all the protection relays in one location. By keeping all the relays in one location, this will help us reduce the restoration time during an outage as well as cut down the maintenance cost by eliminating the extra building. Subsequent removal of the unused building will also allow for further expansion of the substation as required.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Planning/Design		60,000				60,000
Construction/Maintenance		60,000				60,000
Total		**120,000**				**120,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue		120,000				120,000
Total		**120,000**				**120,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Electric Engineering
Contact Electric Director

Project # **EE1810**
Project Name **Distribution Upgrades**

Type Improvement
Useful Life 20-25 years
Category Electric

New Project: No
Account Number: 487-8300-563.90-25
Priority 1

Time-Line: On Going Maint.
Status Active

Total Project Cost: **$900,000**

Description

This project involves the systemic replacement of overhead lines with underground lines whenever services are being moved, wire is damaged, trees cause a high number of outages, or development is in progress, and when it is beneficial to the Utility to convert to underground. This can involve a single line section or an entire residential neighborhood. Annual outage records are reviewed and selected areas are scheduled for upgrade to underground service. Additionally, this program funds the replacement of existing underground conductors and equipment that have reached their useful life and have started failing and require replacement.

This account is used to upgrade any trouble areas during the year.

Justification

The number of storm and tree-related outages have been greatly reduced under this program and further improvements can be made to insure the most reliable electric service possible. Reliability has become one of most important factors to electric customers, second only to safety. The utility has responded by attempting to provide the most reliable system possible. Underground cable replacements are necessary as the useful, reliable, life of the original underground cable was 20-30 years. By proactively replacing this cable we will minimize outages and improve system reliability. In addition to cable replacement, overhead lines are replaced with underground to minimize outages caused by tree growth or animal contact. Lastly, overhead lines that have reached the end of their useful life are replaced with underground instead of rebuilding the overhead.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Continued outages lead to increased complaints from our customers and will lead to customer dissatisfaction. There will be increased costs for repairs made under outage conditions as well as loss of electric revenue.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance			300,000	600,000		900,000
Total			**300,000**	**600,000**		**900,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue			300,000	600,000		900,000
Total			**300,000**	**600,000**		**900,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Electric Engineering
Contact Electric Director

Project # **EE1811**
Project Name **Ann Avenue Underground Upgrade**

Type Improvement
Useful Life 15-20 years
Category Electric

New Project: Yes
Account Number: 110-2700-571.40-31
Priority 2

Time-Line: FY18
Status Active

Total Project Cost: **$126,000**

Description

Replace the original underground primary cabling in the Ann Avenue Development and convert from direct bury to bored installation.

Justification

This project will replace the original direct buried primary cable and replace it with new cable installed by boring. The underground wiring and equipment has been in place for over 15 years and is direct buried. Utilizing boring the new cable will be placed in conduit and better protected from the elements and unintentional damage. The original cable also has an external neutral wrapped around the cable while the new cable has the neutral internal to the cable offering a more stable and dependable system to the customer.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance		126,000				126,000
Total		**126,000**				**126,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue		126,000				126,000
Total		**126,000**				**126,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Electric Engineering
Contact Electric Director

Project # **EE1812**
Project Name **Beechwood Avenue Underground Upgrade**

Type Improvement
Useful Life 15-20 years
Category Electric

New Project: Yes
Account Number: 487-8300-563.40-31
Priority 3

Time-Line: FY18
Status Active

Total Project Cost: **$80,000**

Description

Replace the original underground primary cabling in the Beechwood Development and convert from direct bury to bored installation.

Justification

This project will replace the original direct buried primary cable and replace it with new cable installed by boring. The underground wiring and equipment has been in place for over 15 years and is direct buried. Utilizing boring the new cable will be placed in conduit and better protected from the elements and unintentional damage. The original cable also has an external neutral wrapped around the cable while the new cable has the neutral internal to the cable offering a more stable and dependable system to the customer.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance		80,000				80,000
Total		**80,000**				**80,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue		80,000				80,000
Total		**80,000**				**80,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Electric Engineering
Contact Electric Director

Project # **EE1813**
Project Name **System Automation**

Type Improvement
Useful Life 5-10 years
Category Electric

New Project: No
Account Number: 487-8300-563.70-28
Priority 4

Time-Line: FY17-FY21
Status Active

Total Project Cost: **$600,000**

Description

Design, develop, and install a self-healing or "smart" distribution system.

Justification

This project will include an engineering study to be performed using a system model to develop a scheme that will allow the distribution system to be self-healing in the event of a fault. Following the study, automation equipment will be purchased to detect problems on the system, isolate the affected area, and reenergize lines not affected. This will improve the reliability of the city's local electric grid, minimize customer outages, and increase customer satisfaction.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Planning/Design		150,000	150,000	150,000	150,000	600,000
Total		**150,000**	**150,000**	**150,000**	**150,000**	**600,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue		150,000	150,000	150,000	150,000	600,000
Total		**150,000**	**150,000**	**150,000**	**150,000**	**600,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Electric Engineering
Contact Electric Director

Project # **EE1900**
Project Name **System Operations Voice Recorder**

Type Equipment
Useful Life 5-10 years
Category Electric

New Project: Yes
Account Number: 487-8300-563.40-25
Priority 1

Time-Line: FY19
Status Active

Total Project Cost: **$18,000**

Description

Replace aging System Operations voice recorder

Justification

The voice recorder is used to tape all System Operations phone calls and radio traffic. These recordings contain switching schedule and outage radio traffic which may be required for litigation purposes.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Equip/Vehicle/Furnishings			18,000			18,000
Total			**18,000**			**18,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue			18,000			18,000
Total			**18,000**			**18,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Electric Engineering
Contact Electric Director

Project # **EE1901**
Project Name **Farmview Underground Upgrade**

Type Improvement
Useful Life 15-20 years
Category Electric

New Project: Yes
Account Number: 487-8300-563.40-31
Priority 2

Time-Line: FY19
Status Active

Total Project Cost: **$110,000**

Description

Replace the original underground primary cabling in the Farmview Development and convert from direct bury to bored installation.

Justification

This project will replace the original direct buried primary cable and replace it with new cable installed by boring. The underground wiring and equipment has been in place for over 15 years and is direct buried. Utilizing boring the new cable will be placed in conduit and better protected from the elements and unintentional damage. The original cable also has an external neutral wrapped around the cable while the new cable has the neutral internal to the cable offering a more stable and dependable system to the customer.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance			110,000			110,000
Total			**110,000**			**110,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue			110,000			110,000
Total			**110,000**			**110,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Electric Engineering
Contact Electric Director

Project # **EE1902**
Project Name **The Greens Underground Upgrade**

Type Improvement
Useful Life 15-20 years
Category Electric

New Project: Yes
Account Number: 487-8300-563.40-31
Priority 3

Time-Line: FY19
Status Active

Total Project Cost: **$90,000**

Description

Replace the original underground primary cabling in the Greens Development and convert from direct bury to bored installation.

Justification

This project will replace the original direct buried primary cable and replace it with new cable installed by boring. The underground wiring and equipment has been in place for over 15 years and is direct buried. Utilizing boring the new cable will be placed in conduit and better protected from the elements and unintentional damage. The original cable also has an external neutral wrapped around the cable while the new cable has the neutral internal to the cable offering a more stable and dependable system to the customer.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance			90,000			90,000
Total			**90,000**			**90,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue			90,000			90,000
Total			**90,000**			**90,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Electric T & D
Contact Electric Director

Project # **EE1710**
Project Name **Public Works Wetlands Project (Tar Ditch)**

Type Improvement
Useful Life 20-25 years
Category Electric
Priority 1
Status Active

New Project: Yes
Account Number: 487-8200-562.60-34
Time-Line: FY16-FY17
Total Project Cost: **$450,000**

Description

This project will redevelop the old Public Works 2 (PW2) site and increase storm runoff capability from the area in and around S. State Street, direct benefit will be seen to the parking lots of Kent General Hospital during heavy rains. Additional benefit will be to the storm water entering the St. Jones River and eventually into Silver Lake. Actions required from the Electric Department will include converting the existing overhead line to underground and possible relocation of existing switchgear.

Justification

This project is a request from Public Works Department to address environmental concerns entering waterways and to address storm runoff on and around S. State Street.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance	450,000					450,000
Total	**450,000**					**450,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue	450,000					450,000
Total	**450,000**					**450,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Electric T & D
Contact Public Works Director

Project # **EE1717**
Project Name **New Developments**

Type Improvement
Useful Life 30+ years
Category Electric

New Project: No
Account Number: 4878200-562.Several
Priority 1

Time-Line: Continuous
Status Active

Total Project Cost: **$7,500,000**

Description

This project purchases materials and equipment that are used to provide electric service to new housing developments, businesses, and industrial developments. Additionally, a portion of this expense is offset by the extension payments whereby new developers pay a $1,600 per residential lot connection fee, or business and industrial developers pay the total material expense for line extensions.

This is an ongoing project and affects three separate accounts:
487-8200-562.60-31
487-8200-562.60-34
487-8200-562.60-46

COMMENTS: Not all new development projects are known during budget preparation, as some will arise during the year.

Justification

During the course of each budget year, new developers request line extensions for new electric projects. Some are new projects, while other projects may have received plan approval previously but were not completed for any number of reasons.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Total	**1,500,000**	**1,500,000**	**1,500,000**	**1,500,000**	**1,500,000**	**7,500,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Developer Contribution	900,000	900,000	900,000	900,000	900,000	4,500,000
Electric Revenue	600,000	600,000	600,000	600,000	600,000	3,000,000
Total	**1,500,000**	**1,500,000**	**1,500,000**	**1,500,000**	**1,500,000**	**7,500,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Project # **FN1701**

Project Name **Enterprise Resource Planning (ERP) Solution**

New Project: Yes

Time-Line: FY17-FY21

Account Number: 480-9900-582.90-23

Department Finance

Contact Controller/Treasurer

Type Technology

Useful Life 10 years

Category Electric

Priority 1

Status Active

Total Project Cost: **$2,300,000**

Description

This project involves consulting services and purchase of Enterprise Resource Planning (ERP) Solution to support the business processes of the City of Dover.

Justification

The City's current ERP software is Sungard Public Sector's Select/Naviline version 8.0.2.0. It is an IBM System powered environment (iSeries). This system is a legacy system that came out of the Y2K era, when previous systems were not programmed for the year 2000. The Sungard Public Sector system was purchased in April 1997.

The technology for ERP systems have evolved from mainframe based systems (AS400) to Personal Computer (PC) based systems either hosted by the software provider through the internet or hosted by the customer on file servers. The industry trend is to drive access to customers with web and app based delivery models.

Project Strategy & Objectives:
- The City requires an integrated environment where any user can access the data they need.
- The City will emphasize a self-service environment with technology enabling and not hindering the users to easily access data with the proper controls at the point of data entry.
- The City desires to utilize rational data base technology plus easy report and query writing tools to accomplish this.
- The City realizes that this goal will not be accomplished through new technology alone but also requires extensive process changes and organizational support.
- Management requires better access to data, information and reporting that is currently unavailable or significantly restricted.
- As a result of current limitations to functionallity and access to data, City personnel have developed work-around processes that are impacting City business.
- Third-party software integrations with the current system are extremely difficult, limited or unvailable.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Consulting	300,000					300,000
ERP System	700,000	1,000,000	300,000			2,000,000
Total	**1,000,000**	**1,000,000**	**300,000**			**2,300,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric I & E Fund	1,000,000	437,500				1,437,500
General Fund		400,200				400,200
Water/Wastewater Fund		462,300				462,300
Total	**1,000,000**	**1,300,000**				**2,300,000**

Budget Impact/Other

Annual Operating impact is being evaluated to determine the net difference with the current ERP/ancillary systems and support versus the recommended solution. The current estimate for the new fully integrated ERP solution is approximately $300,000 annuallly. Current cost is being evaluated as above.

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Project # EG1504

Project Name McKee Run Unit #3 Boiler Systems

New Project: No

Account Number: 487-8101-591.40-31

Time-Line: Multi-year

Department Power Plant

Contact Power Plant Manager

Type Maintenance

Useful Life Unknown

Category Electric

Priority 1

Status Active

Total Project Cost: **$1,278,800**

Description

This Project was developed to perform inspections and repairs to the Unit 3 boiler on a predetermined frequency based on unit operating hours, required regulatory inspection intervals, and known equipment condition. In general, most work activities are those requiring planned outages and therefore will be scheduled to coincide with planned outages. The work identified includes the following:

Replacement of water wall tubes as needed.

Replacement of super heater and re-heater boiler clips.

Air preheater inspection and repairs.

De-aerator heater and storage tank inspection.

Note: Project costs in years beyond 2018 are shown for expense planning purposes and represent future projects related to this equipment that are anticipated based on expected operation.

Justification

Critical system equipment represents components that, if they fail, will result in loss of generation and or capacity. Routine evaluation of the condition of critical components will allow for proper prioritization of maintenance activities and resources. Delaying this project could result in the failure of critical unit equipment and subsequent loss of generation and or capacity. More importantly, component failure could also result in safety risk to personnel.

Prior	Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
122,800	Construction/Maintenance	382,000	160,000	299,000	80,000	235,000	1,156,000
Total	**Total**	**382,000**	**160,000**	**299,000**	**80,000**	**235,000**	**1,156,000**

Prior	Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
122,800	Electric Revenue	382,000	160,000	299,000	80,000	235,000	1,156,000
Total	**Total**	**382,000**	**160,000**	**299,000**	**80,000**	**235,000**	**1,156,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Power Plant
Contact Power Plant Manager

Project # EG1601
Project Name McKee Run Building Equipment Replacement

Type Maintenance
Useful Life Unknown
Category Electric
Priority 3
Status Active

New Project: No
Account Number: 487-8101-591.40-31
Time-Line: Multi-year
Total Project Cost: **$426,000**

Description

This project includes the replacement of certain building support systems that are expected to reach the end of their useful life. The specific building systems to be addressed in 2017 include:

-Supervisor's Office roof top Air Conditioners
-Contractor rebuild for the 2A Air Compressor
-Administrative Building heating and cooling systems.
-Roof repairs.
-DI Room modifications.

Note: Project costs in years beyond 2017 are shown for expense planning purposes and represent future projects related to this equipment that are anticipated based on expected operation.

Justification

This project is required to fund the replacement of equipment that has reached the end of its design life. Continued increases in the costs to maintain this equipment will result if the listed equipment is not kept up to date or replaced in a timely manner. In addition, critical temperature control is necessary to keep plant instrumentation located in the control room at acceptable operating conditions. Replacement of the control room air conditioners is scheduled for 2017. Waiting for the air conditioning to fail and allowing the temperatures in the control room to exceed control conditions could contribute to reduced control equipment life and reduced unit reliability.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance	59,000	99,000	27,000	66,000	175,000	426,000
Total	**59,000**	**99,000**	**27,000**	**66,000**	**175,000**	**426,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue	59,000	99,000	27,000	66,000	175,000	426,000
Total	**59,000**	**99,000**	**27,000**	**66,000**	**175,000**	**426,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Project # EG1607

Project Name McKee Run Unit 3 Auxiliary System Components

New Project: No

Account Number: 487-8101-591.40-31

Time-Line: Multi-year

Department Power Plant

Contact Power Plant Manager

Type Maintenance

Useful Life

Category Electric

Priority 2

Status Active

Total Project Cost: **$944,000**

Description

This project will perform inspections and repairs of Unit 3 auxiliary system components focusing on critical components. Components identified that will be addressed in 2017 include the #3 and 4 service water pumps, heat exchanger and piping safety valves.
Hot water system circulating pumps.
Cooling water booster pump.
Unit #3 vacuum pump inspections.
Unit #3 vacuum pump motive air valve replacement.
Unit #3 vacuum pump seal water pump inspections.
Unit #3 lube oil cooler piping and temperature control valve refurbishment.

Note: Project costs in years beyond 2017 are shown for expense planning purposes and represent future projects related to this equipment that are anticipated based on expected operation.

Justification

Critical auxiliary systems components are those components that, if they were to fail, their failure could result in unit load reduction or outage with consequential loss of capacity and / or generation although they would not individually affect the long range financial viability of the unit. Addressing these assets in a systematic fashion will result in minimizing forced outages and eliminating major maintenance expenses associated with component failure. Performing work as scheduled will also levelize maintenance expenditures. Delaying this project could result in the failure of critical unit equipment and subsequent loss of generation and/ or capacity.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance	128,000	261,000	277,000	213,000	65,000	944,000
Total	**128,000**	**261,000**	**277,000**	**213,000**	**65,000**	**944,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue	128,000	261,000	277,000	213,000	65,000	944,000
Total	**128,000**	**261,000**	**277,000**	**213,000**	**65,000**	**944,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Project # **EG1609**

Project Name **Van Sant Unit 11 Component Replacements**

New Project: No

Account Number: 487-8101-591.40-31

Time-Line: Multi-year

Department Power Plant

Contact Power Plant Manager

Type Maintenance

Useful Life Unknown

Category Electric

Priority 4

Status Active

Total Project Cost: **$484,000**

Description

This fund was developed to perform inspections and repairs to the VanSant Unit 11 auxiliary equipment on a predetermined frequency based on unit operating hours, required regulatory inspection intervals, and known equipment condition. Work to be performed would include the following equipment:
2017 - Fuel flow divider refurbishment, fuel nozzle refurbishment and an upgrade to the site gas supply skid to keep pace with Eastern Shore expected improvements and modifications.

Note: Project costs in years beyond 2016 are shown for expense planning purposes and represent future projects related to this equipment that are anticipated based on expected operation.

Justification

This project is required to fund the replacement of capital items that are expected to reach their useful life and will need to be replaced or refurbished to maintain plant system and unit reliability. Extended equipment and /or unit outage time will result from lack of funding this project. This will have a direct effect on the cost of energy during the extended outage time as well as increase future energy capacity charges.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance			89,000	305,000	90,000	484,000
Total			**89,000**	**305,000**	**90,000**	**484,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue			89,000	305,000	90,000	484,000
Total			**89,000**	**305,000**	**90,000**	**484,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Project # EG1610

Project Name Plant Systems Safety & Compliance Improvements

New Project: No

Account Number: 487-8101-591.40-31

Time-Line: Multi-year

Department Power Plant

Contact Power Plant Manager

Type Maintenance

Useful Life

Category Electric

Priority 6 --

Status Active

Total Project Cost: **$149,000**

Description

This project will install video cameras to replace outdated cameras and upgrade installed security cameras at McKee Run. The project will also install cameras at VanSant Generating Station where there are no current cameras installed. Additionally, the project will include replacement of outdated radios and replace deteriorating boundary fencing at the McKee Run and VanSant Generating Stations. The installation of this equipment will aid in improving plant security at both sites and improve personnel safety at both sites.

Justification

This project is required to improve overall surveillance coverage and security at both McKee Run and VanSant generating plant sites. Currently, VanSant Generating Station does not have any video surveillance and the installed cameras at McKee Run are old and antiquated. Boundary line fencing is original and deteriorated.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance	112,000	37,000				149,000
Total	**112,000**	**37,000**				**149,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue	112,000	37,000				149,000
Total	**112,000**	**37,000**				**149,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Power Plant
Contact Power Plant Manager

Project # EG1611
Project Name McKee Run & VanSant - Preservation of Structures

Type Maintenance
Useful Life Unknown
Category Electric
Priority 5
Status Active

New Project: No
Account Number: 487-8101-591.40-31
Time-Line: Multi-year
Total Project Cost: **$586,000**

Description

This project involves the preservation of plant structures in order to prevent deterioration of building structural steel and equipment subject to corrosion due to the past operations and environment. Refurbishment costs include be the sandblasting and painting of identified structures and equipment, along with the removal or demolition of equipment that has been retired in place. This work is an ongoing effort spanning multiple years. Work identified includes the following:

2017 - Unit #3 boiler support beams, sandblast, prime and paint.
2017 - Unit #3 condenser inlet piping inspection and refurbishment or repairs based on inspection findings.

Note: Project costs in years beyond 2017 are shown for expense planning purposes and represent future projects related to this equipment that are anticipated based on expected operation.

Justification

Structural steel painting is needed in various areas throughout the plant proper as well as various outbuildings on the plant property to maintain the physical building structures and equipment in an acceptable condition and prevent further deterioration. This project represents a minimum preservation and maintenance of structures consistent with the expected life of the stations. Consequences of delaying or eliminating this project will result in the accelerated deterioration of plant structures and larger future costs associated with structural repairs.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance	131,000	130,000	100,000	100,000	125,000	586,000
Total	**131,000**	**130,000**	**100,000**	**100,000**	**125,000**	**586,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue	131,000	130,000	100,000	100,000	125,000	586,000
Total	**131,000**	**130,000**	**100,000**	**100,000**	**125,000**	**586,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Project # **EG1701**

Project Name **Van Sant Unit 11 Major Inspection**

New Project: No

Account Number: 487-8101-591.40-31

Time-Line:

Department Power Plant

Contact Power Plant Manager

Type Improvement

Useful Life 20 years

Category Electric

Priority 2

Status Active

Total Project Cost: **$2,098,000**

Description

This project will perform a major overhaul on the turbine generator based on Original Equipment Manufacturer (OEM) recommended repair frequency which is based on factored starts of the Unit from first commissioning and from last inspection/repair interval. This project will be implemented in 2017 with long lead material purchases in 2017 and installation in 2018. The project was revised to include the replacement of the exhaust plenum.

Justification

This project is required to fund the purchase of all parts needed to perform a major overhaul on the unit based on estimated factored starts since unit was first commissioned and since last the Hot Gas Path inspection. This project will span the course of two years. In Year 1, the majority of the long lead parts will be purchased. Services will be identified in year 2 and the actual installation will be performed in Year 2. Extended equipment and /or unit outage time will result from lack of funding this project. This will have a direct effect on the cost of energy during the extended outage time as well as increase future energy capacity charges. In addition, gradual degradation of the unit's output could occur which would have a negative effect on the capacity rating of the unit and reliability of the unit.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance	400,000	1,548,000		150,000		2,098,000
Total	**400,000**	**1,548,000**		**150,000**		**2,098,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue	400,000	1,548,000		150,000		2,098,000
Total	**400,000**	**1,548,000**		**150,000**		**2,098,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Project # EG1704

Project Name McKee Run Unit 3 Hydrogen Purity Analyzer

New Project: Yes

Account Number: 487-8101-591.40-31

Time-Line: FY17

Department Power Plant

Contact Power Plant Manager

Type Maintenance

Useful Life

Category Electric

Priority 1

Status Active

Total Project Cost: **$96,000**

Description

This project will replace the current Hydrogen Purity Analyzer on Unit 3 with newer equipment. Hydrogen Analyzers monitor hydrogen purity in power generators which use hydrogen gas for cooling. It also monitors CO2 in hydrogen and CO2 in air during shutdown and startup purge procedure. Hydrogen is the media by which cooling of the generator(s) is achieved. Great importance is placed on the assurance that system is 100% pure hydrogen and not contaminated. In addition, the analyzers also monitor the CO2 content when the generator is taken out of service for equipment and personnel safety reasons.

Justification

Critical system components that, if they fail, will result in loss of generation and/or capacity. Parts and repair facilities are becoming rare. Newer equipment enables the facility to secure improved equipment reliability and vendor support in the repair, acquisition of replacement parts and in the overall maintenance of the analyzers.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Delaying this project could result in the failure of critical unit equipment and subsequent lose of generation and or capacity

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance	96,000					96,000
Total	**96,000**					**96,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue	96,000					96,000
Total	**96,000**					**96,000**

Budget Impact/Other

We would expect this project to be funded outside the normal operating budget.

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Project # EG1706

Project Name Unit #3 Fast Start Upgrade

New Project: Yes

Time-Line: FY18

Account Number: 487-8101-591-40-31

Department Power Plant

Contact Power Plant Manager

Type Maintenance

Useful Life

Category Electric

Priority 2

Status Active

Total Project Cost: **$200,000**

Description

An alternative engineered method for starting up the unit 3 steam turbine generator in a reduced start time will reduce start up time and costs. The benefits are reduced start up time, increased revenue through faster online times, potential increased unit dispatch, reduced startup costs, increased equipment life, reduced maintenance (both O&M and Capital) and reduced environmental impact.

Justification

Major objective is to increase the number of starts on the unit while minimizing start-up costs, reduce the time to dispatch the unit, reduce boiler degradation due to differential temperature induced stress on thick walled system and equipment components.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance		200,000				200,000
Total		**200,000**				**200,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue		200,000				200,000
Total		**200,000**				**200,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Project # EG1709

Project Name Unit 3 Cooling Water Line Repairs

New Project: Yes

Time-Line: FY17

Account Number: 487-8101-591.40-31

Department Power Plant

Contact Power Plant Manager

Type Maintenance

Useful Life Unknown

Category Electric

Priority 3

Status Active

Total Project Cost: **$469,000**

Description

This project will inspect and repair the underground cooling water line from the Unit 3 condenser to the cooling tower. A condition assessment and life evaluation was performed on this pipe in 2012 to develop a repair/replace action plan to address the suitability for continued operation as well as extending the life of the piping beyond 2016. The actual repairs will be completed in 2016.

Justification

The condition of the underground cooling water line has required numerous repairs over the life of the plant and is expected to reach its useful life in the 2012-2016 time period. It is expected that the repair frequency will accelerate over the next several years as the internal pipe coating continues to degrade unless a repair process can extend the life of the piping and reduce the need for frequent inspections. Delaying this project beyond 2016 will increase the risk of a failure causing an extended unit outage to repair or replace the failed pipe as well incur water spillage to the ground. Additional budget dollars will need to be allocated to repair/ replace sections of piping.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Planning/Design	8,000					8,000
Equip/Vehicle/Furnishings	429,000					429,000
Other	32,000					32,000
Total	**469,000**					**469,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue	469,000					469,000
Total	**469,000**					**469,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Project # EG1711

Project Name VanSant Fire Suppression System Upgrade

New Project: Yes

Time-Line: FY17

Account Number: 487-8101-591.40-31

Department Power Plant

Contact Power Plant Manager

Type Maintenance

Useful Life Unknown

Category Electric

Priority 4

Status Active

Total Project Cost: **$285,000**

Description

This project is to replace the installed CARDOX® fire suppression system for the Van Sant combustion turbine generator. The current system has been installed since original commercial operation began in 1991.This system has been inadvertently activated three times since installation and there have been many improvements including more reliable fire suppression systems. The system selected is a water misting system and is the one of the newer preferred suppression systems using a water mist/injection as the extinguishing agent instead of CO2.

Justification

This critical system can directly impact the Unit operation. Its failure to operate would result in a loss of generation and capacity due to the damage incurred from a fire. Upgrading this system will result in reduced system maintenance costs, and eliminating major maintenance expenses associated with the system or component failure.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance		285,000				285,000
Total		**285,000**				**285,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue		285,000				285,000
Total		**285,000**				**285,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Project # EG1807

Project Name Hydrogen Generator

Department Power Plant

Contact

Type Maintenance

Useful Life

Category Electric

New Project: Yes

Account Number: 487-5101-591.40-31

Priority 1

Time-Line: FY18

Status Active

Total Project Cost: **$50,000**

Description

Purchase and installation of a Hydrogen generator to supply hydrogen gas cooling medium for the Unit #3 Steam Turbine Generator. .

Justification

During periods of maintenance and operations it is required to purge the hydrogen seals in order to perform work on the turbine unit. After maintenance is completed it is necessary to restore the hydrogen seals for cooling purpose s prior to operations. The hydrogen generator would offer significant savings in the gas expenses for the generating station at McKee Run. It would also eliminate bottle rental from the gas provider and reduce those monthly savings as well. This equipment would pay for itself in 3-4 years reducing the need to purchase hydrogen gas and the bottle rental costs. This makes for a safer work environment when employees no longer are required to manually move or manage the bottles the gas is stored in.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance		50,000				50,000
Total		**50,000**				**50,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue		50,000				50,000
Total		**50,000**				**50,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Department Power Plant
Contact Power Plant Manager

Project # **EG1901**
Project Name **McKee Run Unit #3 Turbine Repairs - Generator**

Type Maintenance
Useful Life Unknown
Category Electric

New Project: Yes
Account Number: 487-8101-591.40-31
Priority 1

Time-Line: Multi-year
Status Active

Total Project Cost: **$488,000**

Description

This project will inspect the Unit 3 turbine control and stop valves and auxiliary equipment. This inspection is scheduled on a predetermined frequency based on Unit operating hours, time since last valve inspection, required regulatory intervals, original equipment manufacturer and insurance company recommendations. In 2018 all turbine control, stop, and intercept valves will be fully disassembled, and inspected. If the condition found requires repairs the necessary repairs will be performed as needed and the unit reassembled.
Note: Project costs in years beyond 2018 are shown for expense planning purposes and represent future projects related to this equipment that are anticipated based on expected operation and insurance company recommendations.

Justification

The valve inspections included in the scope are all related to the normal and emergency turbine generator control and shutdown systems. Industry standard inspection guidelines are followed in order to minimize the risk of mechanical failure which could result in extended forced outage of the unit, or the potential indefinite loss of unit availability from damage resulting from the failure of the scope components.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance			438,000	25,000	25,000	488,000
Total			**438,000**	**25,000**	**25,000**	**488,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue			438,000	25,000	25,000	488,000
Total			**438,000**	**25,000**	**25,000**	**488,000**

Budget Impact/Other

FY 2017 Capital Investment Plan

FY 17 *thru* **FY 21**

City of Dover, Delaware

Project # EG1902

Project Name McKee Run Unit 3 Turbine Repairs Intercept Valves

New Project: No

Account Number: 487-8101-591.40-31

Time-Line: FY19-FY20

Department Power Plant

Contact Power Plant Manager

Type Maintenance

Useful Life Unknown

Category Electric

Priority 2

Status Active

Total Project Cost: **$463,000**

Description

This project will inspect the Unit 3 turbine control and stop valves and auxiliary equipment. This inspection is scheduled on a predetermined frequency based on Unit operating hours, required regulatory intervals, original equipment manufacturer and insurance company recommendations. In 2018 all turbine control, stop, and intercept valves will be fully disassembled, inspected and repaired if needed.

Note: Project costs in years beyond 2018 are shown for expense planning purposes and represent future projects related to this equipment that are anticipated based on expected operation and insurance company recommendations.

Justification

The valve inspections included in the scope are all related to the normal and emergency turbine generator control and shutdown systems. Industry standard inspection guidelines are followed in order to minimize the risk of mechanical failure which could result in extended forced outage of the unit, or the potential indefinite loss of unit availability.

Expenditures	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenance			438,000	25,000		463,000
Total			**438,000**	**25,000**		**463,000**

Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue			438,000	25,000		463,000
Total			**438,000**	**25,000**		**463,000**

Budget Impact/Other

Vehicle & Equipment Replacement

City of Dover, Delaware

FY 2017 Capital Investment Plan

FY 17 thru **FY 21**

FUNDING SOURCE SUMMARY

Source	FY 17	FY 18	FY 19	FY 20	FY 21	Total
General Fund	840,900	1,752,400	1,553,400	1,366,600	2,121,700	*7,635,000*
GRAND TOTAL	**840,900**	**1,752,400**	**1,553,400**	**1,366,600**	**2,121,700**	***7,635,000***

PROJECTS BY DEPARTMENT

Department	Project#	Priority	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Code Enforcement								
2007 Dodge Pick Up	*16Veh# 17*	n/a					17,000	*17,000*
1998 Ford Crown Victoria	*18Veh# 11*	n/a		23,800				*23,800*
Code Enforcement Total				**23,800**			**17,000**	***40,800***
Facilities Management								
1996 Ford Van #436	*17Veh #436*	n/a	27,700					*27,700*
2003 Dodge Van (438)	*18Veh# 438*	n/a		28,200				*28,200*
2004 Ford Van #439	*19Veh# 439*	3			28,800			*28,800*
2005 Ford F150 #433	*20Veh#433*	n/a				32,200		*32,200*
Facilities Management Total			**27,700**	**28,200**	**28,800**	**32,200**		***116,900***
Fire/Robbins Hose								
Engine 7 - 1997 Pierce Dash Pumper	*FR1700*	1		73,400	73,400	73,400	73,400	*293,600*
Ladder 1 - 2011 Pierce Quantum PUC	*FR1800*	1	145,700	145,700	145,700	0	0	*437,100*
Engine 3 - 2003 Pierce Lance Pumper	*FR1900*	1		76,100	76,100	76,100	76,100	*304,400*
Engine 6 - 2003 Pierce Lance Pumper	*FR2000*	1				76,800	76,800	*153,600*
Fire/Robbins Hose Total			**145,700**	**295,200**	**295,200**	**226,300**	**226,300**	***1,188,700***
Fleet Maintenance								
1998 Ford F150 #129	*17Veh #129*	n/a	31,000					*31,000*
2001 Dodge Ram 150 #130	*18Veh #130*	n/a		38,000				*38,000*
2003 Chevrolet 1500 HD Flat Bed #119	*19Veh# 119*	n/a			60,000			*60,000*
Fleet Maintenance Total			**31,000**	**38,000**	**60,000**			***129,000***
Life Safety (Fire Marshal)								
2008 Dodge Durango	*17Veh# 12*	n/a	29,500					*29,500*
Life Safety (Fire Marshal) Total			**29,500**					***29,500***
Permtting and Inspections								
2001 Dodge Pick Up	*16Veh# 19*	n/a					17,000	*17,000*
2001 Dodge Pick Up	*16Veh# 22*	n/a					17,000	*17,000*
2005 Ford F150	*17Veh# 13*	n/a		16,000				*16,000*
Permtting and Inspections Total				**16,000**			**34,000**	***50,000***
Planning								
2004 Ford Station Wagon	*17Veh# 3*	n/a		16,000				*16,000*
Planning Total				**16,000**				***16,000***
Police								

Department	Project#	Priority	FY 17	FY 18	FY 19	FY 20	FY 21	Total
2017 Dodge Charger PPV (203)	*17Veh# 203*	n/a	26,500					*26,500*
2017 Dodge Charger Admin (206)	*17Veh# 206*	n/a	24,400					*24,400*
2017 Dodge Charger Admin (212)	*17Veh# 212*	n/a	24,400					*24,400*
2017 Dodge Charger PPV (227)	*17Veh# 227*	n/a	26,500					*26,500*
2017 Dodge Charger PPV (238)	*17Veh# 238*	n/a	26,500					*26,500*
2017 Dodge Charger PPV (252)	*17Veh# 252*	n/a	26,500					*26,500*
2017 Dodge Charge PPV (253)	*17Veh# 253*	n/a	26,500					*26,500*
2017 Dodge Charger (254)	*17Veh# 254*	n/a	26,500					*26,500*
2017 Harley FLHTP (256)	*17Veh# 256*	n/a		24,400				*24,400*
2017 Dodge Charger PPV (259)	*17Veh# 259*	n/a	26,500					*26,500*
2017 Dodge Charger PPV (271)	*17Veh# 271*	n/a	26,500					*26,500*
2017 Dodge Charger PPV (275)	*17Veh# 275*	n/a	26,500					*26,500*
2018 Dodge Charger PPV (208)	*18Veh# 208*	n/a		26,500				*26,500*
2018 Dodge Charger PPV (209)	*18Veh# 209*	n/a		26,500				*26,500*
2000 Ford Taurus (210)	*18Veh# 210*	n/a		24,400				*24,400*
2018 Chev Tahoe PPV (222)	*18Veh# 222*	n/a		33,600				*33,600*
2018 Chev Tahoe PPV (223)	*18Veh# 223*	n/a		33,600				*33,600*
2018 Chev Tahoe PPV (226)	*18Veh# 226*	n/a		33,600				*33,600*
2018 Dodge Charger PPV (234)	*18Veh# 234*	n/a		26,500				*26,500*
2018 Dodge Charger PPV (255)	*18Veh# 255*	n/a		26,500				*26,500*
2018 Dodge Charger Admin (260)	*18Veh# 260*	n/a		24,400				*24,400*
2018 Dodge Charger Admin (261)	*18Veh# 261*	n/a		24,400				*24,400*
2018 HD Motorcycle FLHTP (266)	*18Veh# 266*	n/a		24,400				*24,400*
2018 Dodge Charger PPV (272)	*18Veh# 272*	n/a		26,500				*26,500*
2018 Dodge Charger PPV (273)	*18Veh# 273*	n/a		26,500				*26,500*
2018 Dodge Charger PPV (276)	*18Veh# 276*	n/a		26,500				*26,500*
2019 Dodge Charger PPV (205)	*19Veh# 205*	n/a			26,500			*26,500*
2019 Chevy Express (207)	*19Veh# 207*	n/a			20,400			*20,400*
2019 Dodge Charger PPV (216)	*19Veh# 216*	n/a			26,500			*26,500*
2019 Dodge Charger Admin (221)	*19Veh# 221*	n/a			24,400			*24,400*
2019 Dodge Charger Admin (230)	*19Veh# 230*	n/a			24,400			*24,400*
2019 Dodge Charger PPV (232)	*19Veh# 232*	n/a			26,500			*26,500*
2019 Dodge Charger PPV (239)	*19Veh# 239*	n/a			26,500			*26,500*
2019 Dodge Charger Admin (240)	*19Veh# 240*	n/a			24,400			*24,400*
2019 Harley Davidson FLHTP (244)	*19Veh# 244*	n/a			24,400			*24,400*
2019 Dodge Charger PPV (250)	*19Veh# 250*	n/a			26,500			*26,500*
2019 Harley FLHTP (267)	*19Veh# 267*	n/a			24,400			*24,400*
2019 Dodge Charger PPV (269)	*19Veh# 269*	n/a			26,500			*26,500*
2019 Dodge Ram 1500 Crew 4X4 (296)	*19Veh# 296*	n/a			28,000			*28,000*
2019 Dodge Charger PPV (297)	*19Veh# 297*	n/a			26,500			*26,500*
2020 Harley FLHTP (211)	*20Veh# 211*	n/a				24,400		*24,400*
2020 Dodge Charger PPV (219)	*20Veh# 219*	n/a				26,500		*26,500*
2020 Dodge Charger PPV (220)	*20Veh# 220*	n/a				26,500		*26,500*
2020 Dodge Charger Admin (237)	*20Veh# 237*	n/a				24,400		*24,400*
2020 Dodge Charger PPV (258)	*20Veh# 258*	n/a				26,500		*26,500*
2020 Dodge Charger PPV (262)	*20Veh# 262*	n/a				26,500		*26,500*
2020 Dodge Charger PPV (263)	*20Veh# 263*	n/a				26,500		*26,500*
2020 Dodge Charger PPV (264)	*20Veh# 264*	n/a				26,500		*26,500*
2020 Dodge Charger PPV (265)	*20Veh# 265*	n/a				26,500		*26,500*
2020 Harley FLHTP (268)	*20Veh# 268*	n/a				24,400		*24,400*
2020 Dodge Charger PPV (278)	*20Veh# 278*	n/a				26,500		*26,500*
2020 Dodge Charger PPV (282)	*20Veh# 282*	n/a				26,500		*26,500*
2020 Dodge Charger PPV (283)	*20Veh# 283*	n/a				26,500		*26,500*
2020 Dodge Charger PPV (284)	*20Veh# 284*	n/a				26,500		*26,500*
2021 Dodge Charger Admin (201)	*21Veh# 201*	n/a					24,400	*24,400*
2021 Dodge Charger Admin (204)	*21Veh# 204*	n/a					24,400	*24,400*
2021 Chev Ram 1500 Crew 4X4 (215)	*21Veh# 215*	n/a					28,000	*28,000*

Department	Project#	Priority	FY 17	FY 18	FY 19	FY 20	FY 21	Total
2021 Chevy Tahoe PPV (229)	*21Veh# 229*	n/a					33,600	*33,600*
2021 Dodge Charger Admin (231)	*21Veh# 231*	n/a					24,400	*24,400*
2021 Dodge Charger Admin (235)	*21Veh# 235*	n/a					24,400	*24,400*
2021 Dodge Charger PPV (241)	*21Veh# 241*	n/a					26,500	*26,500*
2021 Dodge Charger PPV (242)	*21Veh# 242*	n/a					26,500	*26,500*
2021 Dodge Charger Admin (243)	*21Veh# 243*	n/a					24,400	*24,400*
2021 Dodge Ram 1500 Crew 4X4 (245)	*21Veh# 245*	n/a					28,000	*28,000*
2021 Dodge Charger Admin (249)	*21Veh# 249*	n/a					24,400	*24,400*
2021 Dodge Charger Admin (290)	*21Veh# 290*	n/a					24,400	*24,400*
2021 Chevy Tahoe PPV (293)	*21Veh# 293*	n/a					33,600	*33,600*
2021 Chevy Express (295)	*21Veh# 295*	n/a					20,400	*20,400*
Police Total			**287,300**	**408,300**	**355,900**	**364,700**	**367,400**	***1,783,600***
Public Works - Grounds								
2001 Kubota 80" Utility Tractor (569)	*17Veh# 569*	3	27,000					*27,000*
1999 Dodge Ram 2500 Truck #558	*17Veh#558*	n/a	31,200					*31,200*
2003 Ex-Mark 52" Zero Turn Mower (568)	*18Veh# 568*	3		15,000				*15,000*
2004 Kubota Tractor w/Front Loader/Backhoe #572	*18Veh# 572*	3		44,800				*44,800*
1995 International Bucket Truck #589	*19Veh#589*	2			188,000			*188,000*
2001 Dodge Ram 2500 Truck #580	*20 VEH#580*	n/a				33,000		*33,000*
2006 Kubota Mower #581	*20Veh #581*	n/a				60,000		*60,000*
2009 Toro Mower #561	*20Veh#561*	n/a				60,000		*60,000*
1994 Vermeer Chipper #588	*21Veh #588*	n/a					89,000	*89,000*
2012 Toro Mower #562	*21Veh#562*	n/a					62,000	*62,000*
Public Works - Grounds Total			**58,200**	**59,800**	**188,000**	**153,000**	**151,000**	***610,000***
Public Works - Sanitation								
2008 Peterbilt Automated Trash Truck (441)	*17Veh# 441*	3	261,500					*261,500*
2008 Intn't Rear Loader (445)	*18Veh# 445*	4		165,000				*165,000*
2010 Peterbilt Automated Trash Truck #455	*18Veh# 455*	3		266,700				*266,700*
2009 International Bulk Trash Truck #446	*19Veh# 446*	3			155,100			*155,100*
2003 Peterbilt Automated Trash Truck #444	*19Veh#444*	n/a			272,000			*272,000*
2002 Hurst Trailer #453	*19Veh#453*	n/a			2,000			*2,000*
2008 Ford F150 #440	*20Veh#440*	n/a				32,200		*32,200*
2008 International Rear Loader #452	*20Veh#452*	n/a				172,700		*172,700*
2011 Peterbilt Automated Trash Truck #450	*21Veh#450*	n/a					332,000	*332,000*
2008 International Rear Loader Trash Truck #452	*21Veh#452*	n/a					295,000	*295,000*
Public Works - Sanitation Total			**261,500**	**431,700**	**429,100**	**204,900**	**627,000**	***1,954,200***
Public Works - Streets								
2001 Int'l Dump Truck (321)	*17Veh# 321*	3		132,200				*132,200*
2001 Case Front-End Loader #316	*18Veh #316*	2		168,300				*168,300*
1992 International Dump Truck (326)	*18Veh# 326*	1		134,900				*134,900*
2001 Int'l Dump Truck (322)	*19Veh# 322*	2			137,600			*137,600*
2002 Airman Air Compressor (382)	*19Veh# 382*	2			26,600			*26,600*
2003 Chevrolet Silverado 1500 #330	*19Veh#330*	n/a			32,200			*32,200*
2001 Case Front-End Loader #312	*20Veh #312*	2				175,100		*175,100*
2001 Int'l Dump Truck (324)	*20Veh# 324*	2				140,400		*140,400*
2002 Old Dominion Leaf Vac #361	*20Veh#361*	n/a				70,000		*70,000*
1969 Caterpillar Grader #301	*21Veh#301*	n/a					477,000	*477,000*
2006 International Sweeper #356	*21Veh#356*	n/a					180,000	*180,000*
Public Works - Streets Total				**435,400**	**196,400**	**385,500**	**657,000**	***1,674,300***

Department	Project#	Priority	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Public Works Admin								
2008 Toyota Camry Hybrid #6	*21Veh# 6*	n/a					42,000	*42,000*
Public Works Admin Total							**42,000**	***42,000***
GRAND TOTAL			**840,900**	**1,752,400**	**1,553,400**	**1,366,600**	**2,121,700**	***7,635,000***

City of Dover, Delaware

FY 2017 Capital Investment Plan

FY 17 thru **FY 21**

FUNDING SOURCE SUMMARY

Source	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Water/Wastewater Fund	222,600	489,700	684,700	347,100	135,000	*1,879,100*
GRAND TOTAL	**222,600**	**489,700**	**684,700**	**347,100**	**135,000**	***1,879,100***

PROJECTS BY DEPARTMENT

Department	Project#	Priority	FY 17	FY 18	FY 19	FY 20	FY 21	Total
W/WW Engineering								
2008 Chevrolet Pickup (421)	*17Veh# 421-2*	n/a	30,400					*30,400*
2008 Ford F150 Pick-Up (420)	*18Veh# 420-2*	1		31,000				*31,000*
2008 Dodge Avenger (427)	*19Veh# 427-2*	n/a			23,000			*23,000*
2008 Dodge Avenger SE #5	*20Veh#5-2*	n/a				28,000		*28,000*
W/WW Engineering Total			**30,400**	**31,000**	**23,000**	**28,000**		***112,400***
Wastewater Management								
1987 Empire Generator (603)	*17Veh# 603*	n/a	34,400					*34,400*
2000 Airman Air Compressor #683 (split)	*17Veh#683*	n/a	12,800					*12,800*
2008 Chevy 3/4-Ton Utility Truck #667 (Split)	*18Veh #667*	n/a		16,500				*16,500*
2006 Sidekick Easement Machine (690)	*18Veh# 690*	n/a		36,000				*36,000*
2008 Ford 1-Ton Utility Truck with crane #665	*18Veh#665*	n/a		50,000				*50,000*
2008 Ford 1/2 Ton Utility Truck #698 (split)	*18Veh#698*	n/a		16,500				*16,500*
2008 Case 590 Backhoe #672 (Split)	*19Veh #672*	n/a			59,400			*59,400*
2008 International Dump Truck 14' #681 (Split)	*19Veh #681*	n/a			78,000			*78,000*
2009 Chevrolet CUES Camera Truck #684	*19Veh #684*	5			300,000			*300,000*
2005 Case Backhoe #682 (split)	*20Veh#682*	n/a				61,900		*61,900*
2012 Chevrolet Silverado 1500 WT #695(split)	*20Veh#695*	n/a				16,500		*16,500*
2013 Ford 1-Ton Utilty Truck with Crane #655	*21Veh#655*	n/a					55,000	*55,000*
2013 Ford 1-Ton Utility Truck with crane	*21Veh#664*	n/a					55,000	*55,000*
Wastewater Management Total			**47,200**	**119,000**	**437,400**	**78,400**	**110,000**	***792,000***
Water Management								
2002 Sterling STE #424	*17Veh#424*	n/a	132,200					*132,200*
2000 Airman air compressor #683 (split)	*17Veh#683-2*	n/a	12,800					*12,800*
2008 Chevy 3/4-Ton Utility Truck #667 (Split)	*18Veh #667-2*	n/a		16,500				*16,500*
1995 Caterpillar Excavator #400	*18Veh#400*	n/a		62,700				*62,700*
1995 Caterpillar Loader #402	*18Veh#402*	n/a		189,000				*189,000*
2008 Ingersoll Air Compressor #407	*18Veh#407*	n/a		29,000				*29,000*
2008 Ford 1/2 Ton Utility Truck #698 (split)	*18Veh#698-2*	n/a		16,500				*16,500*
2008 Case 590 Backhoe #672 (Split)	*19Veh #672-1*	n/a			59,400			*59,400*
2008 International Dump Truck 14' #681 (Split)	*19Veh #681-1*	n/a			78,000			*78,000*
2009 Wacker RT820 Vibratory Trench Roller #401	*19Veh#401*	n/a			36,900			*36,900*
2005 Case Backhoe #682 (Split)	*20Veh# 682*	n/a				61,900		*61,900*
2012 Ford F250 Super Duty XL #403	*20Veh#403*	n/a				40,000		*40,000*
2012 Ford F250 Super Duty XL #426	*20Veh#426*	n/a				40,000		*40,000*
2012 Chevrolet Silverado 1500 WT #695 (split)	*20Veh#695-2*	n/a				16,500		*16,500*
1997 Kruger Trailer #415	*21Veh#415*	n/a					25,000	*25,000*
Water Management Total			**145,000**	**313,700**	**174,300**	**158,400**	**25,000**	***816,400***
Water Treatment Plant								
2008 GMC Cargo Van (662)	*18Veh# 662*	n/a		26,000				*26,000*
2007 Kohler Generator Trailer Mounted (604)	*19Veh# 604*	n/a			50,000			*50,000*

Department	Project#	Priority	FY 17	FY 18	FY 19	FY 20	FY 21	Total
2010 Ford 1-Ton Utility Truck w/ Gate 3620	*20Veh# 620*	n/a				56,300		*56,300*
2011 Ford Ranger #621	*20Veh#621*	n/a				26,000		*26,000*
Water Treatment Plant Total				**26,000**	**50,000**	**82,300**		***158,300***
GRAND TOTAL			**222,600**	**489,700**	**684,700**	**347,100**	**135,000**	***1,879,100***

City of Dover, Delaware

FY 2017 Capital Investment Plan

FY 17 thru **FY 21**

FUNDING SOURCE SUMMARY

Source	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue	165,800	666,200	325,500	400,000	310,000	*1,867,500*
GRAND TOTAL	**165,800**	**666,200**	**325,500**	**400,000**	**310,000**	***1,867,500***

PROJECTS BY DEPARTMENT

Department	Project#	Priority	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Admin								
2008 Ford Escape (#701)	*Veh #701*	1		30,000				*30,000*
Electric Admin Total				**30,000**				***30,000***
Electric Engineering								
2008 Dodge Avenger (7)	*Veh# 007*	n/a		28,200				*28,200*
2005 Dodge Stratus (8)	*Veh# 008*	n/a		25,500				*25,500*
2007 Dodge Pickup (9)	*Veh# 009*	n/a		29,500				*29,500*
2006 Ford Pickup (790)	*Veh# 790*	1	33,200					*33,200*
Electric Engineering Total			**33,200**	**83,200**				***116,400***
Electric Meter Reading								
2017 Ford F250XL 4X2 Reg Cab (125)	*17Veh# 125*	1	20,900					*20,900*
2017 Ford F250XL 4X2 Reg Cab (158)	*17Veh# 158*	1	20,900					*20,900*
Electric Meter Reading Total			**41,800**					***41,800***
Electric T & D								
1995 Case Backhoe (733)	*Veh #733*	1		125,000				*125,000*
2004 International Altec Aerial Device	*Veh #751*	1				150,000		*150,000*
2002 Chevrolet Dump Truck	*Veh #753*	1					150,000	*150,000*
2006 International Bucket Truck	*Veh #759*	1					160,000	*160,000*
2007 Dodge Pick Up	*Veh #771*	1		33,000				*33,000*
2008 International Dueco Line Truck	*Veh #772*	1				250,000		*250,000*
2001 Freightliner Knuckleboom	*Veh #776*	1		350,000				*350,000*
2008 Ford Dump F350 (796)	*Veh #796*	1		45,000				*45,000*
1989 Smith SM160 (716)	*Veh# 716*	1	25,000					*25,000*
2001 Freightliner (750)	*Veh# 750*	1			300,000			*300,000*
2005 Ford Pick Up Truck	*Veh# 770*	1			25,500			*25,500*
Electric T & D Total			**25,000**	**553,000**	**325,500**	**400,000**	**310,000**	***1,613,500***
Power Plant								
2017 Ford F250XL 4X4 Reg Cab (727)	*17PPVeh# 727*	1	32,900					*32,900*
2017 Ford F250XL 4X4 Reg Cab (729)	*17PPVeh# 729*	1	32,900					*32,900*
Power Plant Total			**65,800**					***65,800***
GRAND TOTAL			**165,800**	**666,200**	**325,500**	**400,000**	**310,000**	***1,867,500***

Debt Service

- Debt Limit
- Debt Service Schedules

City of Dover, Delaware
Computation of Legal Debt Margin
General Obligation Bonds
(amounts expressed in thousands)

	Estimated 2017	Estimated 2016	2015	2014	2013	2012	2011	2010
Debt Limit	$ 152,960	$ 152,516	$ 158,485	$ 157,995	$ 159,075	$ 158,465	$ 156,832	$ 145,351
Net (Taxable) Assessed Value on Books	3,059,204	3,050,322	3,169,707	3,159,894	3,181,496	3,169,308	3,136,639	2,907,011
Total net debt applicable to limit	7,926	8,587	7,337	4,050	4,479	1,550	1,820	2,080
Legal Debt Margin		$ 143,929	$ 151,148	$ 153,945	$ 154,596	$ 156,915	$ 155,012	$ 143,271
Total Net Debt applicable to limit as a percentage of debt limit	5.18%	5.63%	4.63%	2.56%	2.82%	0.98%	1.00%	1.44%

Legal Debt Margin Calculation for Fiscal Year 2017

Net (Taxable) Assessed Value on Books	$ 3,059,204	$ 3,050,322	$ 3,169,707	$ 3,159,894	$ 3,181,496	$ 3,169,308
Debt Limit - 5 Percent of Total Assessed Value	$ 152,960	$ 152,516	$ 158,485	$ 157,995	$ 159,075	$ 158,465
DEBT (For which the City's full faith and credit has been pledged)						
Gross Bonded Debt	7,926	8,587	7,337	4,050	4,479	1,550
LEGAL DEBT MARGIN	$ 145,034	$ 143,929	$ 151,148	$ 153,945	$ 154,596	$ 156,915

IMPORTANT NOTE: The Total Net Debt applicable to the debt limit includes the remaining Series 2014 A & B Bonds (PNC) and the 2012 Bonds (PNC)

Source: City of Dover Financial Reports, City of Dover Charter, Section 50(b), and Tax Assessor's Office

New Bonds without referendum cannot exceed 1/4 of 1% of taxable assessed value and shall not cause the total aggregate principal outstanding at any one time to exceed 1% of total taxable assessment for a general tax at the time of issue or $7,648,000 based on the 2017 Estimate.

City of Dover
General Fund
Projected Debt Service

Fiscal Year Ending	2012 Tax- Exempt Loan *	$3,660,000 2014 Series A Bonds	2014 SeriesB Refunding Bond	Total Debt Service	Green Energy Debt Service Contribution	Net Debt Service
6/30/2017	$ 224,700	$ 204,000	$ 249,400	$ 678,100	$ (98,500)	$ 579,600
6/30/2018	224,700	204,000	-	428,700	(98,500)	330,200
6/30/2019	224,700	204,000	-	428,700	(98,500)	330,200
6/30/2020	224,700	204,000	-	428,700	(98,500)	330,200
6/30/2021	224,700	204,000	-	428,700	(98,500)	330,200
6/30/2022	224,700	204,000	-	428,700	(98,500)	330,200
6/30/2023	224,700	204,000	-	428,700	(98,500)	330,200
6/30/2024	224,700	204,000	-	428,700	(98,500)	330,200
6/30/2025	224,700	204,000	-	428,700	(98,500)	330,200
6/30/2026	224,700	204,000	-	428,700	(98,500)	330,200
6/30/2027	224,700	204,000	-	428,700	(98,500)	330,200
6/30/2028	224,700	204,000	-	428,700	(98,500)	330,200
6/30/2029	224,700	204,000	-	428,700	(98,500)	330,200
6/30/2030	224,700	204,000	-	428,700	(98,500)	330,200
6/30/2031	224,700	204,000	-	428,700	(98,500)	330,200
6/30/2032	224,700	204,000	-	428,700	(98,500)	330,200
6/30/2033	205,800	204,000	-	409,800	(98,500)	311,300
6/30/2034	-	204,000	-	204,000	-	204,000
6/30/2035	-	204,000	-	204,000	-	204,000
Totals	$ 3,801,000	$ 3,876,000	$ 249,400	$ 7,926,400	$ (1,674,500)	$ 6,251,900
	Library & Streets	Garrison Farm & Equipment	2003 Bond Refinanced		Library	

*** Annual Debt Service for the 2012 Loan does not reflect any reduction for the sale of the current Library**

City of Dover
Water/Wastewater Revenue Bonds
Current Debt Service - Table 1

Fiscal Year Ending	Series 2000 Wastewater	Series 2009 Wastewater	Series 2010 Water	Series 2011 Wastewater	Total Water Debt Service	Total Wastewater Debt Service	Total Debt Service
6/30/2017	$ 53,000	$ 347,100	$ 161,300	$ 58,200	$ 517,200	$ 610,100	$ 1,127,300
6/30/2018	53,000	347,100	161,300	58,200	517,100	610,100	1,127,200
6/30/2019	53,000	347,100	161,300	58,200	520,400	611,400	1,131,800
6/30/2020	53,000	347,100	161,300	58,200	516,400	609,700	1,126,100
6/30/2021	-	347,100	161,300	58,200	519,200	557,900	1,077,100
6/30/2022	-	347,100	161,300	58,200	518,200	557,500	1,075,700
6/30/2023	-	347,100	161,300	58,200	517,000	557,000	1,074,000
6/30/2024	-	347,100	161,300	58,200	519,000	557,900	1,076,900
6/30/2025	-	347,100	161,300	58,200	375,700	496,800	872,500
6/30/2026	-	347,100	161,300	58,200	374,600	496,300	870,900
6/30/2027	-	347,100	161,300	58,200	373,100	495,600	868,700
6/30/2028	-	347,100	161,300	58,200	374,600	496,300	870,900
6/30/2029	-	347,100	161,300	58,200	375,300	496,600	871,900
6/30/2030	-	347,100	161,300	58,200	375,300	496,600	871,900
6/30/2031	-	347,100	80,700	58,200	295,100	496,800	791,900
6/30/2032	-	173,600	-	29,100	213,200	293,600	506,800
6/30/2033	-	-	-	-	212,300	90,600	302,900
6/30/2034	-	-	-	-	211,100	90,000	301,100
Total	$ 212,000	$ 5,380,100	$ 2,338,900	$ 902,100	$ 7,324,800	$ 8,620,800	$ 15,945,600

City of Dover
Water/Wastewater Revenue Bonds
Projected Debt Service - Table 2

New State of Delaware Revolving Fund Loans

Fiscal Year Ending	Series 2017 Water	Series 2017 Wastewater	Series 2018 Wastewater	Series 2019 Wastewater	Total Water Debt Service	Total Wastewater Debt Service	Tables 1 & 2 Total Debt Service
6/30/2017	$ 73,100	$ 27,000	$ -	$ -	$ 73,100	$ 27,000	$ 1,227,400
6/30/2018	146,200	53,900	12,100	-	146,200	66,000	1,339,400
6/30/2019	146,200	53,900	24,200	12,500	146,200	90,600	1,368,600
6/30/2020	146,200	53,900	24,200	24,900	146,200	103,000	1,375,300
6/30/2021	146,200	53,900	24,200	24,900	146,200	103,000	1,326,300
6/30/2022	146,200	53,900	24,200	24,900	146,200	103,000	1,324,900
6/30/2023	146,200	53,900	24,200	24,900	146,200	103,000	1,323,200
6/30/2024	146,200	53,900	24,200	24,900	146,200	103,000	1,326,100
6/30/2025	146,200	53,900	24,200	24,900	146,200	103,000	1,121,700
6/30/2026	146,200	53,900	24,200	24,900	146,200	103,000	1,120,100
6/30/2027	146,200	53,900	24,200	24,900	146,200	103,000	1,117,900
6/30/2028	146,200	53,900	24,200	24,900	146,200	103,000	1,120,100
6/30/2029	146,200	53,900	24,200	24,900	146,200	103,000	1,121,100
6/30/2030	146,200	53,900	24,200	24,900	146,200	103,000	1,121,100
6/30/2031	146,200	53,900	24,200	24,900	146,200	103,000	1,041,100
6/30/2032	146,200	53,900	24,200	24,900	146,200	103,000	756,000
6/30/2033	146,200	53,900	24,200	24,900	146,200	103,000	552,100
6/30/2034	146,200	53,900	24,200	24,900	146,200	103,000	550,300
6/30/2035	146,200	53,900	24,200	24,900	146,200	103,000	249,200
6/30/2036	146,200	53,900	24,200	24,900	146,200	103,000	249,200
6/30/2037	73,100	26,900	24,200	24,900	73,100	76,000	149,100
6/30/2038	-	-	12,100	24,900	-	37,000	37,000
6/30/2039	-	-	-	12,400	-	12,400	12,400
Total	$ 2,924,000	$ 1,078,000	$ 484,000	$ 498,000	$ 2,924,000	$ 2,060,000	$ 20,929,600

City of Dover
Electric Revenue Fund
Projected Debt Service

	Electric Revenue Fund		
Fiscal Year	2008 Revenue Bonds		Total Debt
6/30/2017	$ 695,000	$ 918,704	$ 1,613,704
6/30/2018	730,000	883,954	1,613,954
6/30/2019	765,000	847,454	1,612,454
6/30/2020	800,000	815,706	1,615,706
6/30/2021	840,000	781,706	1,621,706
6/30/2022	880,000	746,006	1,626,006
6/30/2023	925,000	707,506	1,632,506
6/30/2024	970,000	665,881	1,635,881
6/30/2025	1,015,000	622,231	1,637,231
6/30/2026	1,065,000	576,555	1,641,555
6/30/2027	1,120,000	527,300	1,647,300
6/30/2028	1,175,000	475,500	1,650,500
6/30/2029	1,230,000	416,750	1,646,750
6/30/2030	1,290,000	355,250	1,645,250
6/30/2031	1,355,000	290,750	1,645,750
6/30/2032	1,420,000	223,000	1,643,000
6/30/2033	1,485,000	152,000	1,637,000
6/30/2034	1,555,000	77,750	1,632,750
Total	$ 19,315,000	$ 10,084,003	$ 32,800,957

General Fund

General

- Mayor
- City Council
- City Manager
- City Clerk
- Customer Services
- Finance, Procurement & Inventory
- Fire
- Human Resources
- Information Technology
- Parks, Recreation & Library
- Police
- Tax Assessor
- Planning & Inspections
- Public Works

BUDGET REVIEW

Fiscal Year 2016-2017

May 2016 – Budget Review Hearing

What You Need to Know

- Percentage changes are calculated on FY16 Original Budgets
- All Department budgets reflect the following in personnel expenses:
  - Vacation sell-back, retirement payouts and education assistance are budgeted in a separate fund expense account in order to reduce the overall amount budgeted for personnel expenses.
  - Health Insurance rates increased.
  - OPEB rates decreased across all funds and divisions.
  - Pension rates increased for the General Fund and Water/Wastewater Fund, and decreased for the Electric Fund.
  - Actuarial determined contribution for the OPEB and pension liabilities are included in the pension contribution percentage.
  - Worker's Compensation Rates increased.

GENERAL FUND BUDGET REVIEW

Fiscal Year 2016-2017

MAY 2016 – BUDGET REVIEW HEARING

Mayor

Personnel Costs	57,300	1%↑
Materials & Supplies	300	0%
Administrative Expenditures	16,400	14%↓
Overall Operating Expenses	**74,000**	**3%↓**

Highlights:

Personnel costs increase due to increased rates for health insurance.

Materials and Supplies remained constant.

Administrative Expenses decreased over all by $2,700 with the decrease in community relations expenses.

City Council

Personnel Costs	91,000	0%
Materials & Supplies	300	0%
Administrative Expenditures	52,800	97%↑
Overall Operating Expenses	**144,100**	**22%↑**

Highlights:

Personnel Costs remained constant.

Materials and Supplies remained constant.

Administrative Expenditures increased $26,000. The budget was increased $25,000 for discretionary funds for Council Members with $5,000 per District and $5,000 for the At-Large position. An increase $1,000 for HRC office expenses.

City Manager

Personnel Costs	503,300	1%↑
Materials & Supplies	8,400	40%↑
Administrative Expenditures	171,800	31%↓
Overall Operating Expenses	**683,500**	**9%↓**
Capital Outlay	0	100%↓
Total Expenditures	**683,500**	**12%↓**

Highlights:

Personnel Costs have increased $6,800 overall due to higher wages and insurance benefits, net of decreased OPEB expense.

Materials and supplies increased by $2,600 in computer hardware and a small decrease in printing.

Administrative Expenditures budget increased by $19,000 for legal expenses offset by a decrease in contractual services of $95,000. Budget for contractual services in prior year was $100,000 related to an ICMA study.

Capital Outlay has no budget this year. Prior year was $24,700 for a Ford Explorer for the Public Affairs/Emergency Management Coordinator.

City Clerk

Personnel Costs	372,800	5%↑
Materials & Supplies	9,200	104%↑
Administrative Expenditures	30,300	25%↑
Overall Operating Expenses	**412,300**	**8%↑**

Highlights:

Personnel Costs increased for wage and benefit cost increases.

Materials and supplies expense had a net increase of $4,700 mainly due to increase in computer hardware.

Administrative expenditures has a net increase of $6,100 due to an increase of $9,000 in election related expenses offset by decreases of $2,900 in training/travel, contractual services and subscriptions and dues.

Customer Services

Personnel Costs	1,077,200	2%↑
Materials & Supplies	32,600	21%↓
Administrative Expenditures	34,000	29%↑
Overall Operating Expenses	**1,143,800**	**2%↑**

Highlights:

Personnel costs had a net increase of $24,800 due to pension cost, net of reduction in OPEB.

Materials and supplies had a net decrease of $8,800 due to a decrease of $9,400 in computer hardware offset by a small increase in office supplies.

Administrative expenses had a net increase of $7,700 due to an increase in contractual services of $8,000 and a small increase in telephone offset by a small decrease in office equipment repairs and maintenance.

Finance

Personnel Costs	811,600	2%↑
Materials & Supplies	2,700	48%↓
Administrative Expenditures	194,300	11%↑
Overall Operating Expenses	**1,008,600**	**3%↑**

Highlights:

Personnel costs increased by $13,600 mainly attributed to increases health insurance and pension cost.

Materials and supplies decreased $2,500 due to decreases in printing and duplicating of $1,300 and computer hardware of $1,200.

Administrative expenses have increased by $19,000 due to increase in contractual services of $19,800 mainly due to audit fees and actuarial valuations for pension and OPEB.

Procurement & Inventory

Personnel Costs	314,000	11%↑
Materials & Supplies	13,900	7%↓
Administrative Expenditures	257,200	2%↓
Overall Operating Expenses	**585,100**	**4%↑**

Highlights:

Personnel costs increased $30,100 due to wages, health insurance, and pension cost.

Materials and Supplies decreased $1,100 in computer hardware, office supplies and program expenses and supplies.

Administrative expenditures have increased by $7,800 for contractual services and training/travel offset by decreases totaling $11,900 in other and office equipment repairs and maintenance, electricity, heating oil/gas and gasoline expense.

Fire

Personnel Costs	437,700	7%↑
Materials & Supplies	0	100%↓
Administrative Expenditures	284,000	15%↓
Overall Operating Expenses	**721,700**	**3%↓**
Capital Outlay	145,700	0%
Total Expenditures	**867,400**	**3%↓**

Highlights:

Personnel Costs increased temporary help (relief dispatchers) and pension cost, net of reduced OPEB cost.

Material & Supplies no budgeted expense this fiscal year. Prior year expense was $600.

Administrative Expenditures decreased $49,700 in contractual services, net of $1,300 in training/travel expense. (The additional $50,000 appropriation requested in the prior year was removed this fiscal year)

Capital Expenses remained constant. Engine 7 replacement has been requested but is not included in the Draft Budget.

Human Resources

Personnel Costs	345,100	8%↑
Materials & Supplies	29,400	24%↓
Administrative Expenditures	18,000	33%↓
Overall Operating Expenses	**392,500**	**2%↑**

Highlights:

Personnel Costs have increased overall by $26,900 due to benefit cost increases.

Materials and Supplies have decreased $9,700 in personnel related supplies, computer hardware, medical supplies & physicals, and program expenses offset by a small increase in computer software.

Administrative Expenditures decreased $10,900 in unemployment compensation expense and training/travel offset by small increases in advertisement and in-house training.

Information Technology

Personnel Costs	441,400	0%
Materials & Supplies	98,700	2%↑
Administrative Expenditures	176,200	5%↑
Overall Operating Expenses	**716,300**	**2%↑**

Highlights:

Personnel Costs remained constant.

Materials and supplies are increased by $2,100 in computer software offset by a small decrease in computer hardware.

Administrative Expenditures increased $8,400 due to increases in telephone, contractual services and office equip/repairs & maintenance.

Library

Personnel Costs	1,369,000	7%↑
Materials & Supplies	58,900	18%↓
Administrative Expenditures	207,100	34%↑
Overall Operating Expenses	**1,635,000**	**8%↑**

Highlights:

Personnel Costs increased by $85,500 mainly due to wage and benefit increases, particularly health insurance and pension cost. One full-time position was not budgeted for all year in FY16.

Materials & Supplies decreased overall by $12,500 mainly to a decrease in books offset by an increase of $7,000 in city building maintenance supplies.

Administrative expenditures increased $52,000 mainly due to a new custodial contractor.

Parks & Recreation

Personnel Costs	499,500	7%↑
Materials & Supplies	57,000	6%↓
Administrative Expenditures	191,400	5%↓
Overall Operating Expenses	**747,900**	**3%↑**
Capital Outlay	165,000	0%
Total Expenditures	**912,900**	**25%↑**

Highlights:

Personnel Costs increased by $32,800 mainly due to wage increases in full-time and temporary help positions, health insurance and pension cost.

Materials & Supplies expenditures have decreased overall by $3,500 due to decreases in printing and duplicating, computer hardware and water/sewer offset by an increase of $1,000 in program expenses.

Administrative Expenditures decreased overall by $10,900 due to a reduction in electricity, heating oil/gas, gasoline and subscription and dues offset by an increase of $11,500 mainly due to contractual services for janitorial services. African American Festival contribution was decreased $3,000 (previously $15K).

Capital Outlay increased $165,000 due to Schutte Park land improvements and plans for Dover Park.

Police

Personnel Costs	15,630,200	7%↑
Materials & Supplies	370,600	14%↓
Administrative Expenditures	874,400	25%↑
Overall Operating Expenses	**16,875,200**	**7%↑**
Capital Outlay	299,800	14%↑
Total Expenditures	**17,175,000**	**7%↑**

Highlights:

Personnel Costs increased by $1,002,800 due to an increase in wages and benefits as follows – Civilian Division $189,000; Law Enforcement $632,600; Extra Duty $181,200; In the prior fiscal year four cadets were budgeted for 10 months.

Materials and Supplies has a net decrease of $62,200 for reductions in program expenses/supplies, uniforms/uniform allowances, computer hardware and CI petty cash disbursements offset by increases mainly in medical supplies and physicals, computer software, books, and security and safety materials.

Administrative Expenses has a net increase of $173,200 due to increases in insurance, training & conference, auto repairs/maintenance and contractual services for custodial services and animal control offset by decreases in radio equipment/lease, gasoline and advertisement expenses.

Capital Outlay of $299,800 is up from prior year by $37,700 and includes the purchase of 11 vehicles and 1 motorcycle. Prior year included budget for a camera monitoring system.

Tax Assessor

Personnel Costs	217,900	5%↑
Materials & Supplies	2,500	17%↓
Administrative Expenditures	23,600	4%↓
Overall Operating Expenses	**244,000**	**4%↑**

Highlights:

Personnel increased due to wage and benefit cost increases.

Materials and Supplies had small decreases for office supplies and computer software.

Administrative Expenses had a net decrease of $1,000 with reductions in contractual services, gasoline and subscription and dues offset by increases in training/travel and telephone.

Planning/Inspections & Community Development

Planning

Personnel Costs	513,100	2%↑
Materials & Supplies	13,300	24%↑
Administrative Expenditures	20,400	3%↑
Overall Operating Expenses	**546,800**	**2%↑**
Capital Outlay	0	0%
Total Expenditures	**546,800**	**2%↑**

Highlights:

Personnel Costs increased by $9,700 due to wage and benefit increases.

Materials & Supplies expenditures increased $2,600 in computer hardware for 2 flat panel monitors.

Administrative expenditures increased slightly by $500 for telephone and subscription and dues.

Inspections & Permitting

Personnel Costs	503,600	9%↑
Materials & Supplies	2,200	70%↓
Administrative Expenditures	192,100	1%↓
Overall Operating Expenses	**697,900**	**5%↑**

Highlights:

Personnel Costs increased $41,100 due to wage increases and higher benefit cost particularly pension cost.

Materials & Supplies have decreased $6,400 in computer hardware and small decreases in uniforms and security and safety materials offset by an increase of $2,000 in code books.

Administrative Expenses have decreased $3,000 in contractual services and gasoline offset by a small increase in training/travel expense.

Code Enforcement

Personnel Costs	396,300	3%↑
Materials & Supplies	18,300	18%↓
Administrative Expenditures	6,500	44%↓
Overall Operating Expenses	**421,100**	**0%↑**

Highlights:

Personnel Costs increased overall due to wage and benefit cost increases.

Materials & Supplies decreased $4,000 due to a reduction in computer hardware, uniforms and security and safety materials.

Administrative Expenditures decreased $5,100 due to reductions in telephone, contractual services and gasoline.

Life Safety

Personnel Costs	231,600	5%↑
Materials & Supplies	300	96%↓
Administrative Expenditures	253,300	0%
Overall Operating Expenses	**485,200**	**1%↑**
Capital Outlay	29,500	47%↓
Total Expenditures	**514,700**	**4%↓**

Highlights:

Personnel Costs increased $11,500 due to wage and benefit increases.

Materials & Supplies have decreased $6,600 due to a reduction uniforms, program expense, computer hardware, security and safety materials, and small tools.

Administrative Expenses remain constant with small decreases in telephone and gasoline and small increase in radio repairs and maintenance.

Capital Outlay includes $29,500 for 1 vehicle.

Economic Development

Personnel Costs	214,400	2%↑
Materials & Supplies	900	40%↓
Administrative Expenditures	22,400	13%↓
Overall Operating Expenses	**237,700**	**0%**

Highlights:

Personnel Costs increased overall by $3,600 due to wage and benefit cost increases.

Materials and Supplies had small decreases in printing and duplicating, photographic and office supplies.

Administrative Expenses had a net decrease of $3,300 with reductions in economic development, telephone and gasoline offset by small increase in subscriptions and dues.

Public Works

Public Works Admin

Personnel Costs	661,600	11%↑
Materials & Supplies	6,900	38%↓
Administrative Expenditures	11,500	47%↓
Overall Operating Expenses	**680,000**	**8%↑**

Highlights:

Personnel Costs increased by $67,600 due to wage and benefit increases, particularly health insurance and pension cost. The PW Operations Manager was budgeted for 10 months in the prior year. This position is currently being recruited.

Materials & Supplies decreased $4,300 in computer hardware offset by a small increase in computer software.

Administrative Expenditures decreased by $10,200. Areas significantly decreased are contractual services for $7,000 and subscription and dues for $2,600. Other small decreases in training/travel and gasoline.

Facilities Management

Personnel Costs	459,500	13%↓
Materials & Supplies	24,400	11%↓
Administrative Expenditures	123,200	14%↓
Overall Operating Expenses	**607,100**	**14%↓**
Capital Outlay	27,700	0%
Total Expenditures	**634,800**	**10%↓**

Highlights:

Personnel Costs decreased $71,700 due to wage and benefit cost decreases as a result of outsourcing janitors, net of full-time staff increases.

Materials and Supplies decreased $3,100 due to small tools, computer hardware, uniforms and city building maintenance supplies.

Administrative Expenditures decreased $20,600 due to contractual services, gasoline and radio repairs and maintenance. Janitors are charged to the Fund in which they work now. i.e. Electric Fund is charged for the Electric Administrative offices.

Capital Outlay includes $27,700 for 1 vehicle.

Fleet Maintenance

Personnel Costs	466,200	3%↑
Materials & Supplies	304,100	1%↓
Administrative Expenditures	6,000	9%↓
Overall Operating Expenses	**776,300**	**1%↑**
Capital Outlay	31,000	63%↓
Total Expenditures	**807,300**	**5%↓**

Highlights:

Personnel Costs increased due to wages and benefits.

Materials and Supplies decreased $3,000 due to a reduction in small tools and city building maintenance supplies.

Administrative Expenses decreased $600 in training/travel and radio repairs and maintenance.

Capital Outlay includes $31,000 for 1 vehicle.

Grounds

Personnel Costs	953,400	3%↑
Materials & Supplies	53,200	2%↓
Administrative Expenditures	194,700	16%↓
Overall Operating Expenses	**1,201,300**	**1%↓**
Capital Outlay	58,200	71%↓
Total Expenditures	**1,259,500**	**11%↓**

Highlights:

Personnel Costs increased $29,900 as a result of wages and benefits, particularly health insurance and pension cost.

Materials & Supplies had various small decreases for $1,300 offset by a small increase of $200 in uniforms.

Administrative Expenditures decreased by $37,800 due to reductions in contractual services, gasoline, electricity, heating oil/gas and radio repairs and maintenance.

Capital expenses includes 1 new vehicle and a utility tractor.

Sanitation

Personnel Costs	732,900	7%↑
Materials & Supplies	24,700	1%↓
Administrative Expenditures	1,275,200	12%↓
Overall Operating Expenses	**2,032,800**	**6%↓**
Capital Outlay	261,500	42%↓
Total Expenditures	**2,294,300**	**12%↓**

Highlights:

Personnel Costs increased $49,200 due to wages and benefit increases, mainly health insurance and pension cost.

Materials & Supplies had a small increase in uniforms offset by small decreases in small tools and computer hardware.

Administrative Expenses decreased $174,000 mainly due to a reduction in DSWA cost per ton in contractual services of $148,800, decrease in gasoline of $25,000 and small decrease in radio repairs and maintenance.

Capital outlay is related to the replacement of an automated trash truck for $261,500.

Streets

Personnel Costs	589,000	16%↑
Materials & Supplies	247,000	171%↑
Administrative Expenditures	327,500	343%↑
Overall Operating Expenses	**1,163,500**	**72%↑**
Capital Outlay	1,026,000	28%↓
Total Expenditures	**2,189,500**	**4%↑**

Highlights:

Personnel costs increased $79,700 due to wages and benefits, mainly health insurance and pension cost.

Materials and supplies have increased by $155,800 mostly in program expenses related to MS4 program of $151,900. Other small increases in sand and salt and computer hardware offset by a reduction in uniforms and security and safety materials.

Administrative expenses increased $263,700 in contractual services related to the outsourcing of ditch and garrison tract maintenance offset by decreases in gasoline of $8,000, maintenance equipment and repairs of $2,000 and small reduction in radio repairs and maintenance.

Capital Outlay includes $900,000 for street and alley program and $126,000 for Silver Lake dam improvements.

Public Works - Engineering

Personnel Costs	203,600	16%↑
Materials & Supplies	900	55%↓
Administrative Expenditures	2,500	38%↓
Overall Operating Expenses	**207,000**	**14%↑**

Highlights:

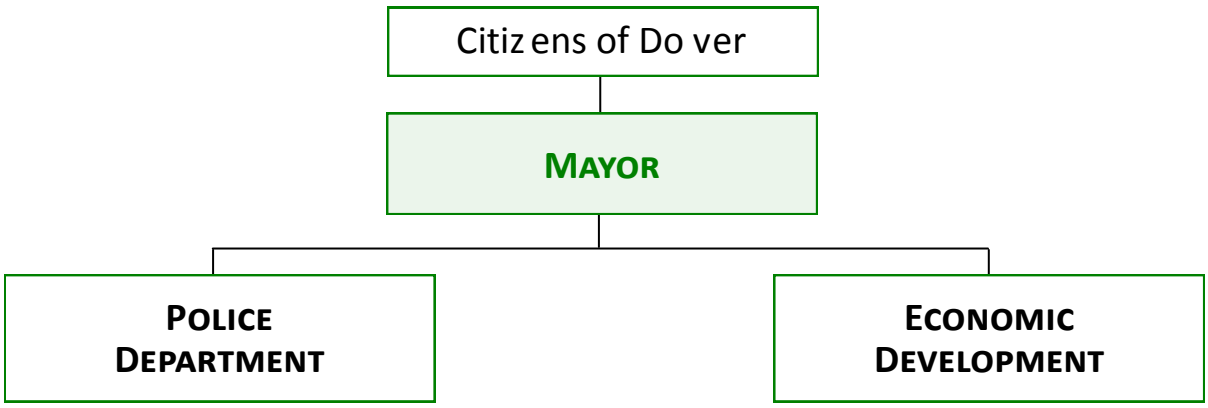
Personnel costs increased $28,200 due to having a full year budget for all three positions versus 10 months in the prior year.

Materials and supplies have decreased due to reduction of computer hardware of $1,300 offset by a small increase in computer software.

Administrative expenditures decreased $1,500 in contractual services.

Mayor

Fiscal Year 2017 Organizational Chart



MAYOR
110-3200-519

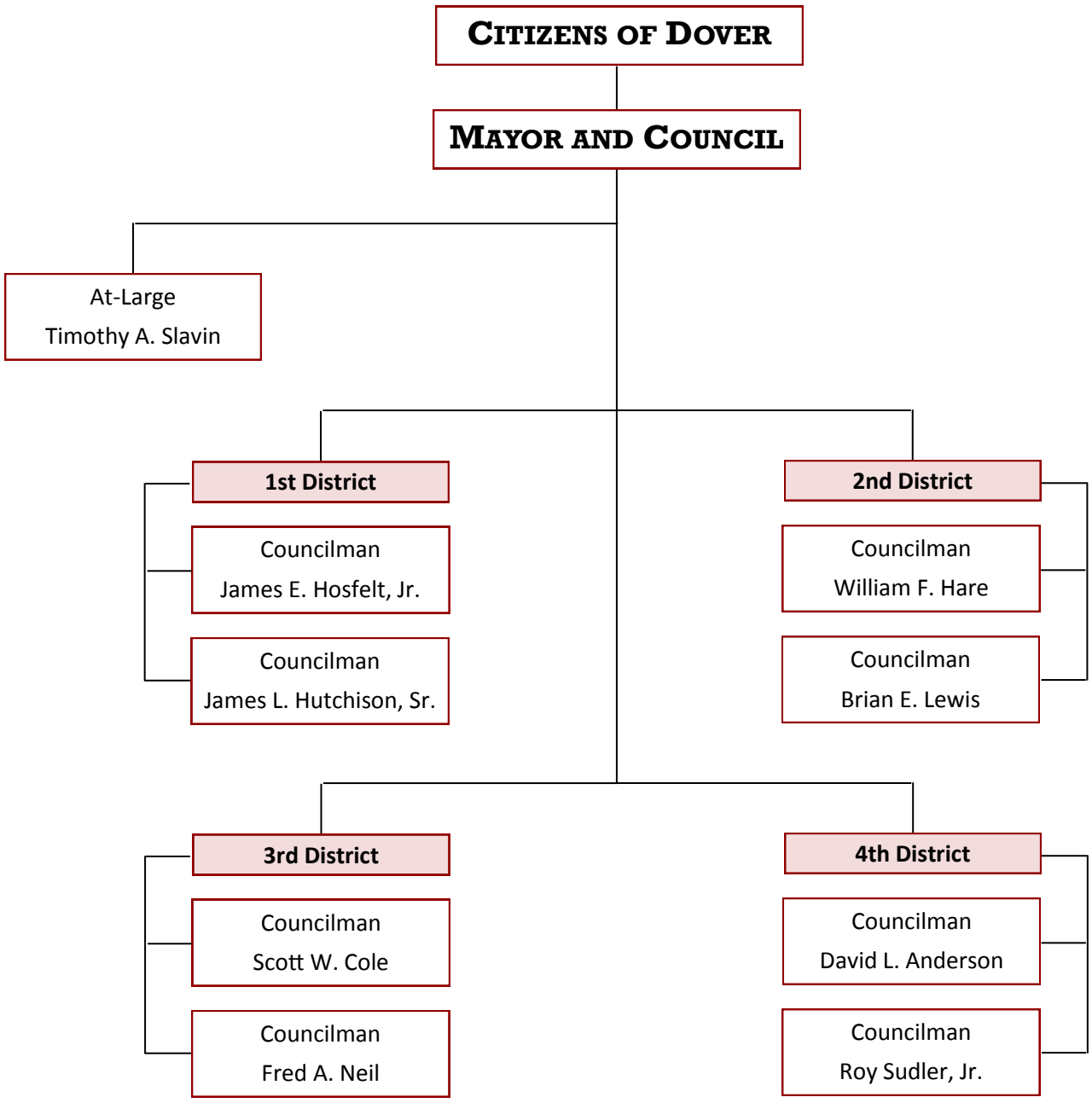
ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 45,000	$ 39,621	$ 44,965	$ 45,000	$ 45,000	$ 45,000	0%
10-14	FICA TAXES	3,437	2,998	3,260	3,400	3,400	3,400	0%
10-15	HEALTH INSURANCE	6,768	5,634	6,220	7,900	7,900	8,500	8%
10-16	L I D INSURANCE	340	283	340	300	300	300	0%
10-17	WORKERS COMPENSATION	236	82	94	100	100	100	0%
	PERSONNEL COSTS	**55,780**	**48,618**	**54,879**	**56,700**	**56,700**	**57,300**	**1%**
20-21	FURNITURE/FIXTURES	-	1,108	-	-	-	-	0%
20-22	OFFICE SUPPLIES	73	170	-	100	100	100	0%
20-23	PRINTING AND DUPLICATING	86	334	157	200	200	200	0%
	MATERIALS & SUPPLIES	**158**	**1,612**	**157**	**300**	**300**	**300**	**0%**
30-21	TELEPHONE/FAX	1,261	1,110	387	500	500	500	0%
30-25	ADVERTISEMENT	994	672	806	1,500	1,500	1,500	0%
30-27	SUBSCRIPTIONS AND DUES	5,449	5,293	657	3,500	3,500	3,500	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	5,900	5,091	-	-	-	-	0%
30-35	COMMUNITY RELATIONS EXP	5,737	7,244	14,796	8,200	8,200	5,500	-33%
30-37	OTHER EXPENSES	3,938	4,567	6,179	5,000	5,000	5,000	0%
30-62	GASOLINE	1,606	1,055	-	300	300	300	0%
30-63	AUTO REPAIRS/MAINTENANCE	170	120	-	100	100	100	0%
30-67	RADIO REPAIRS/MAINTENANCE	80	-	-	-	-	-	0%
	ADMINISTRATIVE EXPENDITURES	**25,135**	**25,150**	**22,825**	**19,100**	**19,100**	**16,400**	**-14%**
	OPERATING EXPENDITURES	**81,073**	**75,380**	**77,861**	**76,100**	**76,100**	**74,000**	**-3%**
40-25	OTHER EQUIP - PURCHASE	33,000	-	-	-	-	-	0%
	CAPITAL OUTLAY	**33,000**	**-**	-	**-**	**-**	**-**	**0%**
	TOTAL EXPENDITURES	**$ 114,073**	**$ 75,380**	**$ 77,861**	**$ 76,100**	**$ 76,100**	**$ 74,000**	**-3%**
	OPERATING BUDGET STATS	**$ 81,073**	**$ 75,380**	**$ 77,861**	**$ 76,100**	**$ 76,100**	**$ 74,000**	
	ACTUAL % OF OPER BUDGET	**102%**	**93%**	**103%**	**98%**	**100%**	**97%**	
	BUDGET % CHANGE	**2%**	**-7%**	**3%**	**-2%**	**0%**	**-3%**	
	REVENUES							
	GENERAL FUND	$ 81,073	$ 75,380	$ 77,861	$ 76,100	$ 76,100	$ 74,000	
	GOV. CAPITAL PROJECT FUND	33,000	-	-	-	-	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	1.0	1.0	1.0	1.0	1.0	1.0	

ECONOMIC DEVELOPMENT
110-1600-535

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 135,056	$ 137,417	$ 145,872	$ 147,500	$ 149,500	$ 151,700	3%
10-14	FICA TAXES	9,916	10,013	10,702	11,300	11,300	11,600	3%
10-15	HEALTH INSURANCE	20,353	20,332	20,381	24,000	24,000	25,800	8%
10-16	L I D INSURANCE	1,020	1,029	937	1,000	1,000	1,000	0%
10-17	WORKERS COMPENSATION	900	472	523	500	500	500	0%
10-19	PENSION	8,103	8,176	8,656	8,900	8,900	9,100	2%
10-20	OPEB	11,747	14,742	16,910	17,600	17,600	14,700	-16%
	PERSONNEL COSTS	**187,096**	**192,180**	**203,981**	**210,800**	**212,800**	**214,400**	**2%**
20-22	OFFICE SUPPLIES	386	103	108	300	300	200	-33%
20-23	PRINTING AND DUPLICATING	520	256	689	1,000	1,000	700	-30%
20-24	PHOTOGRAPHIC	-	-	-	200	200	-	-100%
20-33	SMALL TOOLS	-	-	51	-	-	-	0%
20-38	COMPUTER HARDWARE	1,290	2,646	495	-	-	-	0%
	MATERIALS & SUPPLIES	**2,195**	**3,005**	**1,343**	**1,500**	**1,500**	**900**	**-40%**
30-21	TELEPHONE/FAX	3,338	1,640	1,114	2,400	1,400	1,500	-38%
30-25	ADVERTISEMENT	1,250	1,250	1,250	1,300	1,300	1,300	0%
30-27	SUBSCRIPTIONS AND DUES	-	-	-	100	100	300	200%
30-28	TRAINING/CONF/FOOD/TRAVEL	260	814	120	800	800	800	0%
30-31	CONTRACTUAL SERVICES	10,368	-	-	-	6,000	-	0%
30-62	GASOLINE	61	-	0.10	100	100	-	-100%
30-91	ECONOMIC DEVELOPMENT	15,379	15,000	18,500	21,000	21,000	18,500	-12%
	ADMINISTRATIVE EXPENDITURES	**30,656**	**18,704**	**20,984**	**25,700**	**30,700**	**22,400**	**-13%**
	OPERATING EXPENDITURES	**219,947**	**213,889**	**226,308**	**238,000**	**245,000**	**237,700**	**0%**
	TOTAL EXPENDITURES	**$ 219,947**	**$ 213,889**	**$ 226,308**	**$ 238,000**	**$ 245,000**	**$ 237,700**	**0%**
	OPERATING BUDGET STATS	**$ 219,947**	**$ 213,889**	**$ 226,308**	**$ 238,000**	**$ 245,000**	**$ 237,700**	
	ACTUAL % OF OPER BUDGET	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	
	BUDGET % CHANGE	**1%**	**-3%**	**6%**	**5%**	**3%**	**-3%**	
	REVENUES							
	GENERAL FUND	$ 219,947	$ 213,889	$ 226,308	$ 238,000	$ 245,000	$ 237,700	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	3.0	3.0	3.0	3.0	3.0	3.0	

City Council

Fiscal Year 2017 Organizational Chart

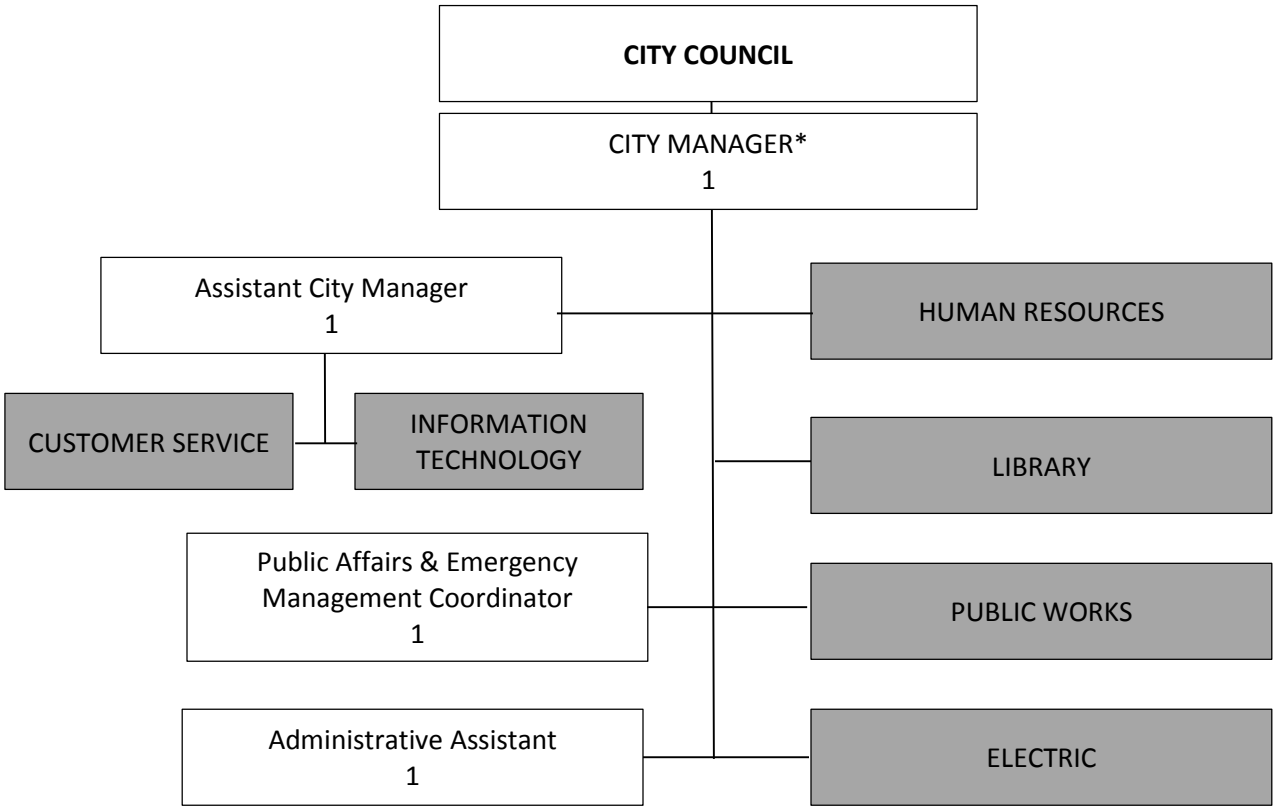


CITY COUNCIL
110-1200-512

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-13	TEMPORARY HELP	$ 73,774	$ 76,566	$ 71,315	$ 84,300	$ 79,300	$ 84,300	0%
10-14	FICA TAXES	5,628	5,857	5,456	6,400	6,400	6,400	0%
10-17	WORKERS COMPENSATION	382	157	151	300	300	300	0%
	PERSONNEL COSTS	**79,785**	**82,581**	**76,922**	**91,000**	**86,000**	**91,000**	**0%**
20-22	OFFICE SUPPLIES	339	21	38	-	-	-	0%
20-23	PRINTING AND DUPLICATING	260	-	269	300	300	300	0%
	MATERIALS & SUPPLIES	**599**	**21**	**307**	**300**	**300**	**300**	**0%**
30-21	TELEPHONE/FAX	169	173	178	200	200	200	0%
30-27	SUBSCRIPTIONS AND DUES	11,098	11,153	11,203	11,500	11,500	11,500	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	5,037	3,027	-	9,600	9,600	9,600	0%
30-35	COMMUNITY RELATIONS EXP	4,393	2,118	4,261	3,500	4,000	3,500	0%
30-37	OTHER EXPENSES	-	-	-	-	-	25,000	0%
30-92	HRC-OFFICE SUPPLIES	625	757	-	2,000	2,000	3,000	50%
	ADMINISTRATIVE EXPENDITURES	**21,323**	**17,228**	**15,642**	**26,800**	**27,300**	**52,800**	**97%**
	OPERATING EXPENDITURES	**101,707**	**99,829**	**92,870**	**118,100**	**113,600**	**144,100**	**22%**
	TOTAL EXPENDITURES	**$ 101,707**	**$ 99,829**	**$ 92,870**	**$ 118,100**	**$ 113,600**	**$ 144,100**	**22%**
	OPERATING BUDGET STATS	**$ 101,707**	**$ 99,829**	**$ 92,870**	**$ 118,100**	**$ 113,600**	**$ 144,100**	
	ACTUAL % OF OPER BUDGET	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	
	BUDGET % CHANGE	**-4%**	**-2%**	**-7%**	**27%**	**-4%**	**27%**	
	REVENUES							
	GENERAL FUND	$ 101,707	$ 99,829	$ 92,870	$ 118,100	$ 113,600	$ 144,100	
	PERSONNEL							
	PP/COUNCIL	9.0	9.0	9.0	9.0	9.0	9.0	
	PP/TEMP COMMITTEES	8.0	8.0	8.0	8.0	8.0	8.0	

City Manager

Fiscal Year 2017 Organization Chart



*Appointed by Council

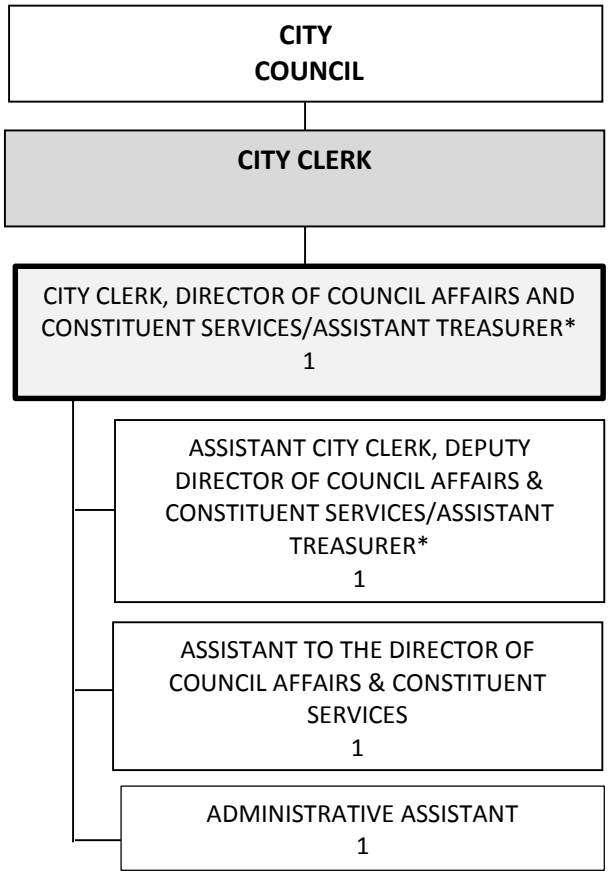
CITY MANAGER
110-2100-515

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 214,206	$ 217,374	$ 278,681	$ 345,100	$ 356,100	$ 351,500	2%
10-12	OVERTIME	1,737	2,513	517	2,000	2,000	2,000	0%
10-13	TEMPORARY	-	-	3,606	11,500	11,500	11,500	0%
10-14	FICA TAXES	15,291	15,545	20,483	27,400	27,900	27,900	2%
10-15	HEALTH INSURANCE	28,853	30,983	34,572	46,700	49,200	52,500	12%
10-16	L I D INSURANCE	1,331	1,362	1,584	1,900	1,900	2,000	5%
10-17	WORKERS COMPENSATION	1,131	453	594	1,600	1,600	1,700	6%
10-19	PENSION	12,067	12,481	16,103	20,200	20,200	20,700	2%
10-20	OPEB	17,509	22,310	31,719	40,100	40,100	33,500	-16%
	PERSONNEL COSTS	**292,123**	**303,022**	**387,858**	**496,500**	**510,500**	**503,300**	**1%**
20-21	FURNITURE/FIXTURES	-	-	668	-	-	-	0%
20-22	OFFICE SUPPLIES	716	628	623	700	700	700	0%
20-23	PRINTING AND DUPLICATING	2,664	3,231	3,168	3,500	3,500	3,300	-6%
20-26	PROGRAM EXPENSES/SUPPLIES	2,236	1,800	1,800	1,800	1,800	1,800	0%
20-38	COMPUTER HARDWARE	1,893	1,402	-	-	-	2,600	0%
	MATERIALS & SUPPLIES	**7,509**	**7,062**	**6,259**	**6,000**	**6,000**	**8,400**	**40%**
30-21	TELEPHONE/FAX	597	610	628	1,000	1,000	800	-20%
30-27	SUBSCRIPTIONS AND DUES	1,571	3,174	4,056	4,500	4,500	4,500	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	622	2,444	3,316	2,000	3,000	2,200	10%
30-31	CONTRACTUAL SERVICES	-	-	-	100,000.0	95,000	5,000	-95%
30-32	LEGAL EXPENSES	190,619	216,264	151,419	140,000	287,600	159,000	14%
30-35	COMMUNITY RELATIONS EXP	4,218	680	24	200	1,600	200	0%
30-61	OFF EQUIP/REPAIRS & MAINT	-	80	-	-	-	-	0%
30-62	GASOLINE	22	-	-	100	100	100	0%
	ADMINISTRATIVE EXPENDITURES	**197,649**	**223,252**	**159,442**	**247,800**	**392,800**	**171,800**	**-31%**
	OPERATING EXPENDITURES	**497,281**	**533,336**	**553,558**	**750,300**	**909,300**	**683,500**	**-9%**
40-22	AUTOMOBILES - PURCHASE	-	-	-	24,700	24,700	-	-100%
	CAPITAL OUTLAY	**-**	**-**	**-**	**24,700**	**24,700**	**-**	**-100%**
	TOTAL EXPENDITURES	**$ 497,281**	**$ 533,336**	**$ 553,558**	**$ 775,000**	**$ 934,000**	**$ 683,500**	**-12%**
	OPERATING BUDGET STATS	**$ 497,281**	**$ 533,336**	**$ 553,558**	**$ 750,300**	**$ 909,300**	**$ 683,500**	
	ACTUAL % OF OPER BUDGET	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	
	BUDGET % OF CHANGE	**-22%**	**7%**	**4%**	**36%**	**21%**	**-25%**	
	REVENUES							
	GENERAL FUND	$ 497,281	$ 533,336	$ 553,558	$ 750,300	$ 909,300	$ 683,500	
	GOV. CAPITAL PROJECT FUND	-	-	-	24,700	24,700	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	3.0	3.0	4.0	4.0	4.0	4.0	
	BUDGETED PART-TIME POSITIONS				4.0	4.0	4.0	

FY 2017 DRAFT ANNUAL OPERATING BUDGET – DOVER, DELAWARE

City Clerk

Fiscal Year 2017 Organizational Chart



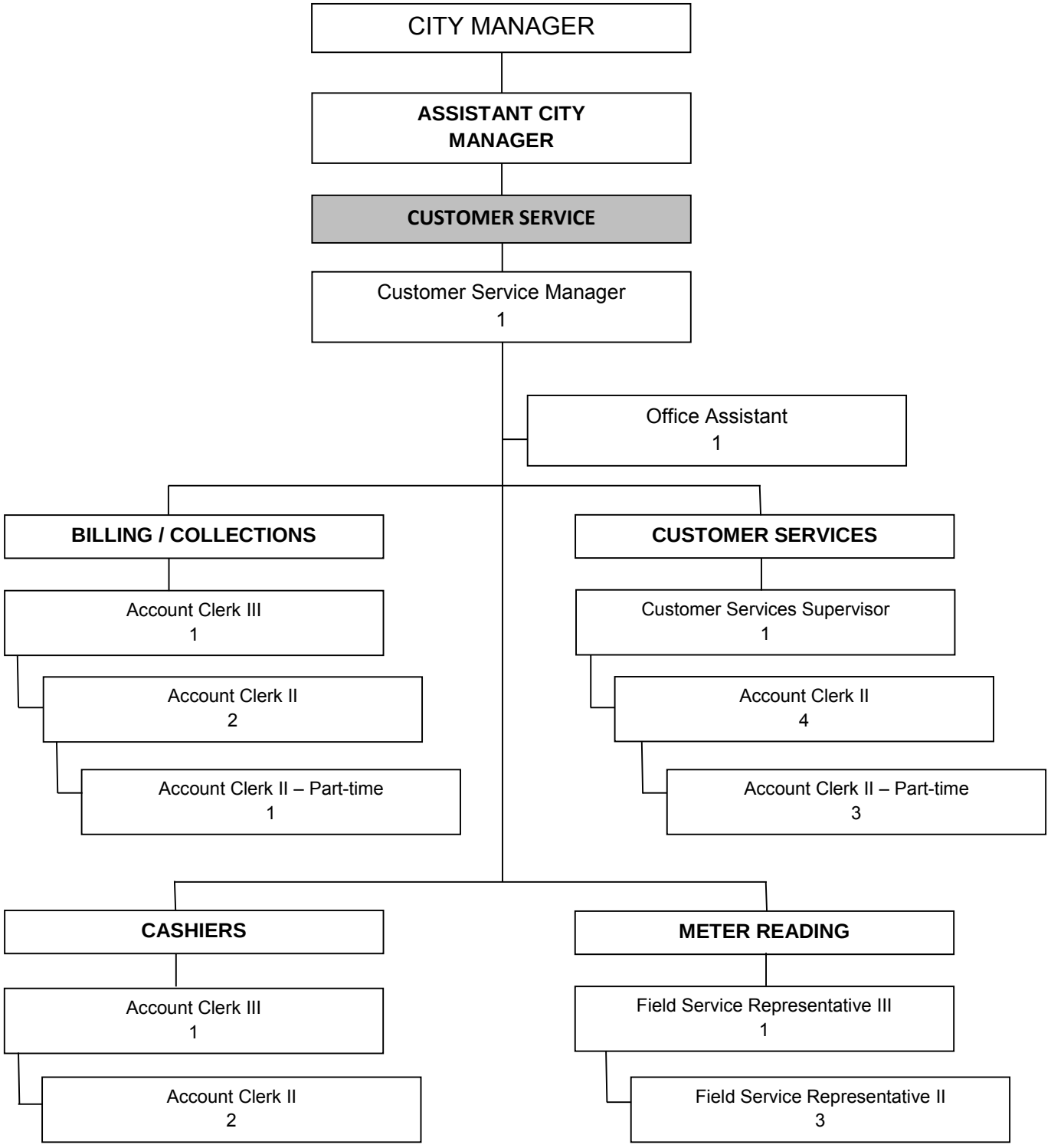
*Appointed by Council

CITY CLERK
110-1100-511

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 204,935	$ 218,533	$ 225,061	$ 226,400	$ 225,500	$ 228,300	1%
10-14	FICA TAXES	15,125	16,189	16,711	17,300	17,600	17,500	1%
10-15	HEALTH INSURANCE	37,907	34,888	32,897	38,700	38,700	42,800	11%
10-16	L I D INSURANCE	1,423	1,523	1,554	1,600	1,600	1,600	0%
10-17	WORKERS COMPENSATION	1,078	451	472	700	700	700	0%
10-19	PENSION	7,866	45,634	43,297	43,300	43,300	59,800	38%
10-20	OPEB	17,624	23,094	26,378	26,700	26,700	22,100	-17%
	PERSONNEL COSTS	**285,958**	**340,312**	**346,369**	**354,700**	**354,100**	**372,800**	**5%**
20-22	OFFICE SUPPLIES	1,374	141	1,338	1,400	1,400	1,400	0%
20-23	PRINTING AND DUPLICATING	2,675	2,514	2,214	3,000	3,000	2,700	-10%
20-37	COMPUTER SOFTWARE	445	727	50	100	500	500	400%
20-38	COMPUTER HARDWARE	-	3,246	-	-	-	4,600	0%
	MATERIALS & SUPPLIES	**4,494**	**6,629**	**3,603**	**4,500**	**4,900**	**9,200**	**104%**
30-21	TELEPHONE/FAX	423	486	478	500	500	500	0%
30-25	ADVERTISEMENT	1,036	826	641	1,000	1,000	1,000	0%
30-27	SUBSCRIPTIONS AND DUES	676	694	805	900	900	700	-22%
30-28	TRAINING/CONF/FOOD/TRAVEL	6,245	383	6,873	5,100	5,100	2,900	-43%
30-31	CONTRACTUAL SERVICES	13,024	12,989	11,659	15,500	15,500	15,000	-3%
30-34	ELECTION RELATED EXPENSES	3,611	5,626	7,137	200	200	9,200	4500%
30-61	OFF EQUIP/REPAIRS & MAINT	45	-	-	1,000	600	1,000	0%
	ADMINISTRATIVE EXPENDITURES	**25,059**	**21,004**	**27,593**	**24,200**	**23,800**	**30,300**	**25%**
	OPERATING EXPENDITURES	**315,512**	**367,944**	**377,564**	**383,400**	**382,800**	**412,300**	**8%**
	TOTAL EXPENDITURES	**$ 315,512**	**$ 367,944**	**$ 377,564**	**$ 383,400**	**$ 382,800**	**$ 412,300**	**8%**
	OPERATING BUDGET STATS	**$ 315,512**	**$ 367,944**	**$ 377,564**	**$ 383,400**	**$ 382,800**	**$ 412,300**	
	ACTUAL % OF OPER BUDGET	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	
	BUDGET % CHANGE	**6%**	**17%**	**3%**	**2%**	**0%**	**8%**	
	REVENUES							
	GENERAL FUND	$ 315,512	$ 367,944	$ 377,564	$ 383,400	$ 382,800	$ 412,300	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	4.0	4.0	4.0	4.0	4.0	4.0	

Customer Service

Fiscal Year 2017 Organization Chart

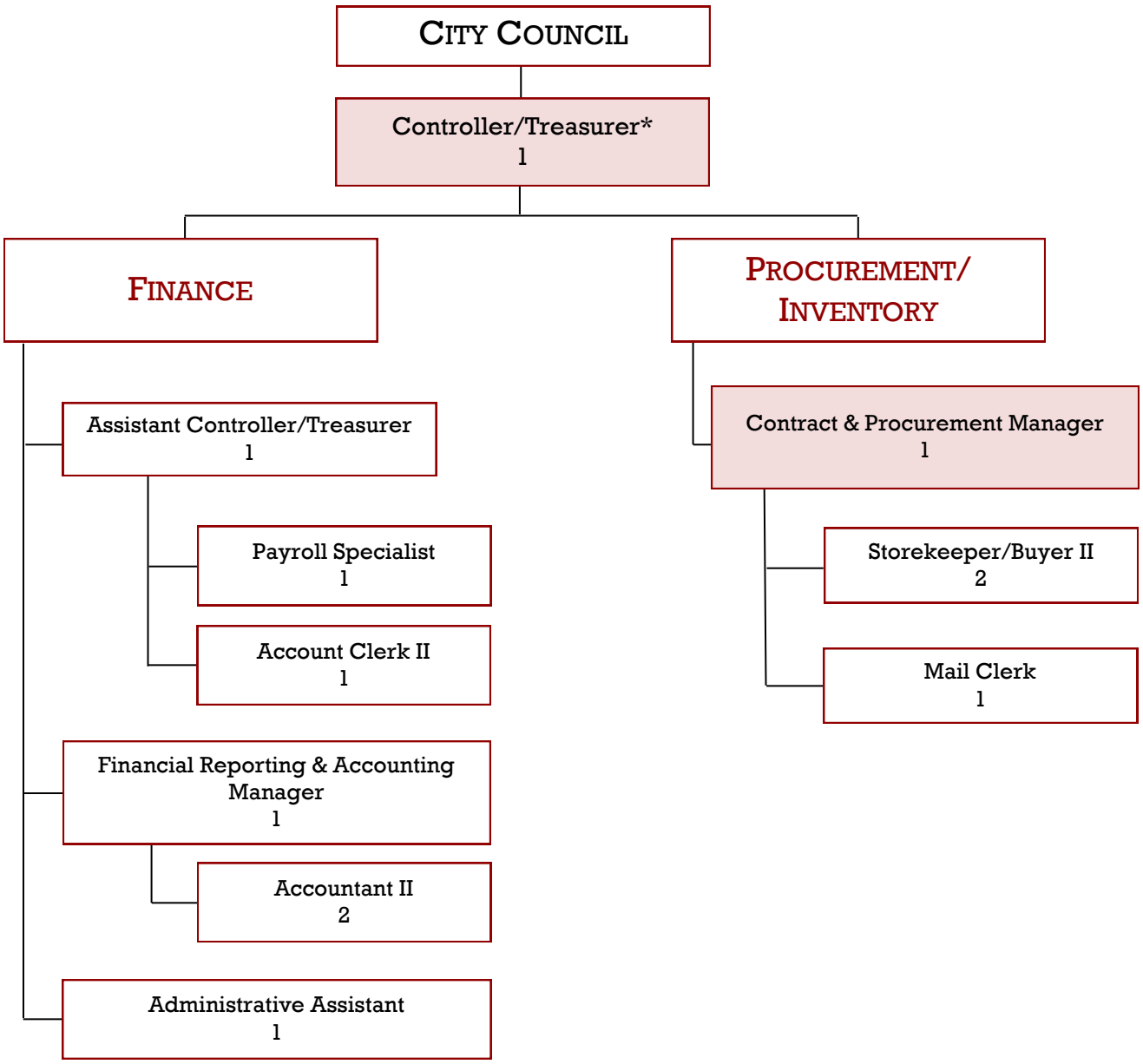


CUSTOMER SERVICES
110-2900-529

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 523,885	$ 556,289	$ 549,628	$ 556,600	$ 551,000	$ 556,100	0%
10-12	OVERTIME	-	-	-	-	200	-	0%
10-13	TEMPORARY HELP	-	11,458	28,982	85,500	65,500	82,700	-3%
10-14	FICA TAXES	39,189	41,914	42,912	49,100	49,500	48,800	-1%
10-15	HEALTH INSURANCE	109,714	108,452	102,609	144,700	129,700	133,700	-8%
10-16	L I D INSURANCE	3,166	3,411	3,230	3,200	3,200	3,200	0%
10-17	WORKERS COMPENSATION	2,744	1,162	1,211	2,100	2,100	2,100	0%
10-18	EDUCATIONAL ASSISTANCE	-	1,500	1,640	-	-	-	0%
10-19	PENSION	25,434	152,791	133,010	145,000	140,000	196,700	36%
10-20	OPEB	44,565	58,476	63,280	66,200	66,200	53,900	-19%
	PERSONNEL COSTS	**748,697**	**935,454**	**926,502**	**1,052,400**	**1,007,400**	**1,077,200**	**2%**
20-21	FURNITURE/FIXTURES	-	-	365	400	400	400	0%
20-22	OFFICE SUPPLIES	13,357	12,211	12,690	13,000	13,000	13,600	5%
20-23	PRINTING AND DUPLICATING	16,607	14,497	14,152	15,000	15,000	15,000	0%
20-37	COMPUTER SOFTWARE	-	-	199	300	300	300	0%
20-38	COMPUTER HARDWARE	3,349	2,389	3,020	12,700	12,700	3,300	-74%
	MATERIALS & SUPPLIES	**33,312**	**29,096**	**30,426**	**41,400**	**41,400**	**32,600**	**-21%**
30-21	TELEPHONE/FAX	3,998	4,289	4,444	4,700	4,700	5,100	9%
30-28	TRAINING/CONF/FOOD/TRAVEL	-	-	-	1,000	1,000	1,000	0%
30-31	CONTRACTUAL SERVICES	63,060	217,564	72,537	4,500	16,400	12,500	178%
30-61	OFF EQUIP/REPAIRS & MAINT	11,589	15,573	11,680	16,100	11,100	15,400	-4%
	ADMINISTRATIVE EXPENDITURES	**78,647**	**237,426**	**88,660**	**26,300**	**33,200**	**34,000**	**29%**
	OPERATING EXPENDITURES	**860,657**	**1,201,976**	**1,045,588**	**1,120,100**	**1,082,000**	**1,143,800**	**2%**
	TOTAL EXPENDITURES	**$ 860,657**	**$ 1,201,976**	**$ 1,045,588**	**$ 1,120,100**	**$ 1,082,000**	**$ 1,143,800**	**2%**
	OPERATING BUDGET STATS	**$ 860,657**	**$ 1,201,976**	**$ 1,045,588**	**$ 1,120,100**	**$ 1,082,000**	**$ 1,143,800**	
	ACTUAL % OF OPER BUDGET	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	
	BUDGET % CHANGE	**-4%**	**40%**	**-13%**	**7%**	**-3%**	**6%**	
	REVENUES							
	GENERAL FUND	$ 860,657	$ 1,201,976	$ 1,045,588	$ 1,120,100	$ 1,082,000	$ 1,143,800	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	14.0	14.0	14.0	14.0	14.0	13.0	
	BUDGETED PART-TIME POSITIONS	-	-	1.0	4.0	4.0	4.0	

Finance

Fiscal Year 2017 Organizational Chart



* Appointed by Council

FINANCE
110-2300-517

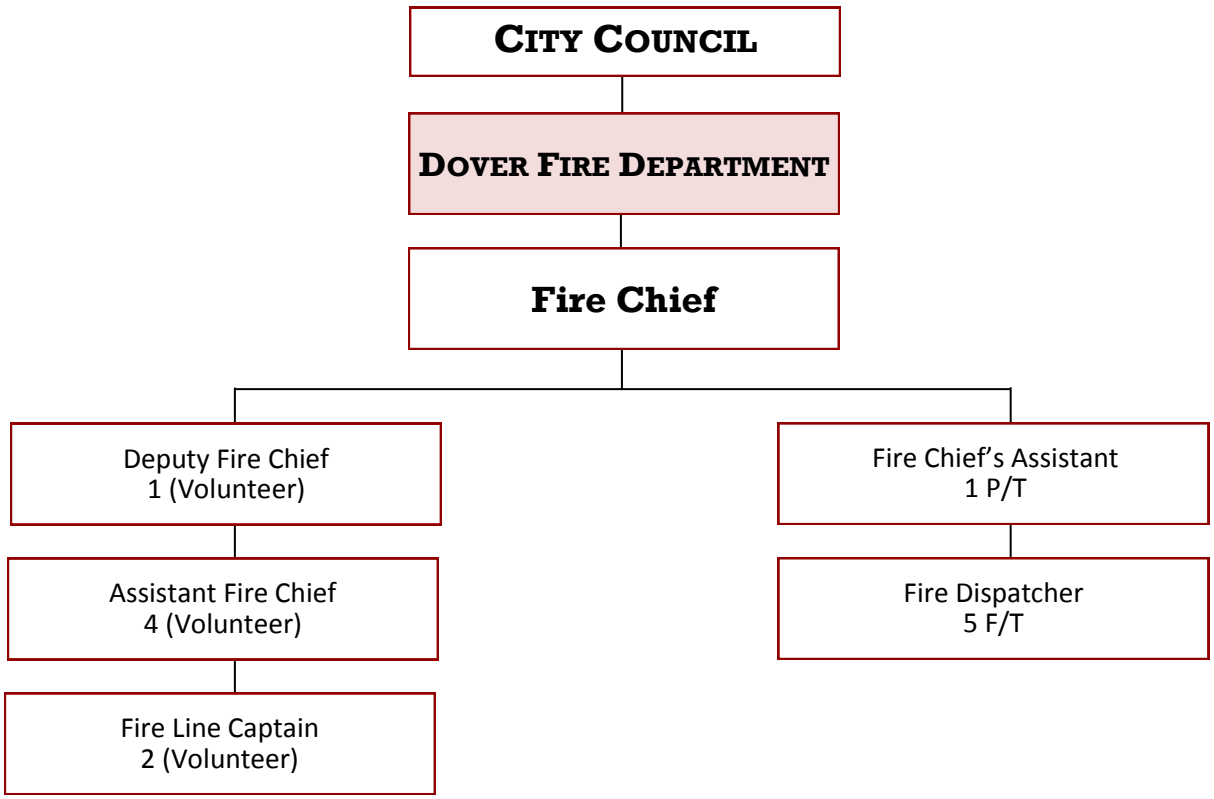
ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 481,755	$ 453,720	$ 496,728	$ 507,200	$ 520,400	$ 515,800	2%
10-12	OVERTIME	-	104	37	-	-	-	0%
10-13	TEMPORARY HELP	-	-	-	17,700	-	-	-100%
10-14	FICA TAXES	34,623	32,288	35,548	38,800	39,400	39,400	2%
10-15	HEALTH INSURANCE	80,092	80,052	85,752	98,200	98,200	104,000	6%
10-16	L I D INSURANCE	2,904	2,627	2,675	2,800	2,800	2,900	4%
10-17	WORKERS COMPENSATION	2,523	924	1,002	1,600	1,700	1,700	6%
10-18	EDUCATIONAL ASSISTANCE	-	-	3,203	-	3,500	-	0%
10-19	PENSION	23,832	91,970	70,893	72,000	74,500	97,800	36%
10-20	OPEB	41,576	46,797	57,886	59,700	60,700	50,000	-16%
	PERSONNEL COSTS	**667,304**	**708,481**	**753,725**	**798,000**	**801,200**	**811,600**	**2%**
20-21	FURNITURE/FIXTURES	-	480	-	-	-	-	0%
20-22	OFFICE SUPPLIES	720	751	669	800	800	800	0%
20-23	PRINTING AND DUPLICATING	3,342	1,544	1,902	3,200	3,200	1,900	-41%
20-38	COMPUTER HARDWARE	4,591	7,138	-	1,200	1,200	-	-100%
	MATERIALS & SUPPLIES	**8,653**	**9,913**	**2,571**	**5,200**	**5,200**	**2,700**	**-48%**
30-21	TELEPHONE/FAX	1,261	1,340	1,448	1,400	1,400	1,400	0%
30-25	ADVERTISEMENT	203	214	186	200	200	200	0%
30-27	SUBSCRIPTIONS AND DUES	1,407	1,311	1,291	1,200	1,200	1,200	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	7,820	3,645	5,842	3,000	3,000	2,200	-27%
30-31	CONTRACTUAL SERVICES	163,134	182,212	179,155	168,300	176,800	188,100	12%
30-37	OTHER EXPENSES	222	-	-	-	-	-	0%
30-61	OFF EQUIP/REPAIRS & MAINT	4,305	3,608	2,400	1,200	1,200	1,200	0%
	ADMINISTRATIVE EXPENDITURES	**178,353**	**192,330**	**190,322**	**175,300**	**183,800**	**194,300**	**11%**
	OPERATING EXPENDITURES	**854,310**	**910,724**	**946,618**	**978,500**	**990,200**	**1,008,600**	**3%**
	TOTAL EXPENDITURES	**$ 854,310**	**$ 910,724**	**$ 946,618**	**$ 978,500**	**$ 990,200**	**$ 1,008,600**	**3%**
	OPERATING BUDGET STATS	**$ 854,310**	**$ 910,724**	**$ 946,618**	**$ 978,500**	**$ 990,200**	**$ 1,008,600**	
	ACTUAL % OF OPER BUDGET	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	
	BUDGET % CHANGE	**8%**	**7%**	**4%**	**3%**	**1%**	**2%**	
	REVENUES							
	GENERAL FUND	$ 854,310	$ 910,724	$ 946,618	$ 978,500	$ 990,200	$ 1,008,600	
	BOND PROCEEDS	-	-	-	-	-	1,000,000	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	8.0	8.0	8.0	8.0	8.0	8.0	
	BUDGETED PART-TIME POSITIONS	-	-	-	1.0	1.0	-	

PROCUREMENT & INVENTORY
110-2700-571

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 185,353	$ 158,271	$ 156,237	$ 159,200	$ 163,300	$ 165,800	4%
10-12	OVERTIME	1,749	2,132	756	1,000	1,000	1,000	0%
10-13	TEMPORARY HELP	-	-	11,134	20,300	11,800	21,400	5%
10-14	FICA TAXES	14,616	12,234	12,670	13,800	13,800	14,400	4%
10-15	HEALTH INSURANCE	20,464	13,552	12,471	14,600	14,600	15,700	8%
10-16	L I D INSURANCE	1,054	916	900	1,000	1,000	1,000	0%
10-17	WORKERS COMPENSATION	5,281	3,186	3,082	4,700	4,700	6,100	30%
10-18	EDUCATIONAL ASSISTANCE	-	5,016	8,209	-	4,800	-	0%
10-19	PENSION	9,439	52,702	49,346	50,400	51,500	72,500	44%
10-20	OPEB	15,253	16,697	18,570	18,900	19,300	16,100	-15%
	PERSONNEL COSTS	**253,208**	**264,706**	**273,375**	**283,900**	**285,800**	**314,000**	**11%**
20-21	FURNITURE/FIXTURES	-	-	-	-	-	300	0%
20-22	OFFICE SUPPLIES	1,634	379	236	600	600	400	-33%
20-23	PRINTING AND DUPLICATING	4,116	3,799	3,612	3,600	3,600	3,600	0%
20-25	CUSTODIAL	951	992	519	-	-	-	0%
20-26	PROGRAM EXPENSES/SUPPLIES	584	864	581	1,500	1,500	1,000	-33%
20-29	UNIFORMS/UNIFORM ALLOW	828	663	725	900	900	900	0%
20-32	SECURITY/SAFETY MATERIALS	384	263	36	500	500	500	0%
20-37	COMPUTER SOFTWARE	-	-	50	200	200	200	0%
20-38	COMPUTER HARDWARE	2,370	-	94	2,200	2,200	1,800	-18%
20-46	CITY BLDG MAINT SUPPLIES	3,482	2,790	2,348	2,500	2,500	2,200	-12%
20-58	WATER/SEWER	4,753	3,284	2,574	3,000	3,000	3,000	0%
	MATERIALS & SUPPLIES	**19,102**	**13,033**	**10,775**	**15,000**	**15,000**	**13,900**	**-7%**
30-21	TELEPHONE/FAX	1,439	1,418	1,366	1,400	1,400	1,400	0%
30-22	POSTAGE	143,685	127,822	129,272	150,000	150,000	150,000	0%
30-23	ELECTRICITY	71,795	70,802	70,249	68,000	64,000	65,000	-4%
30-24	HEATING OIL/GAS	216	-	-	300	300	100	-67%
30-25	ADVERTISEMENT	1,379	2,228	1,951	2,500	2,500	2,500	0%
30-27	SUBSCRIPTIONS AND DUES	520	545	440	600	600	600	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	1,248	60	-	-	-	2,700	0%
30-31	CONTRACTUAL SERVICES	16,288	17,831	18,801	19,400	19,400	24,500	26%
30-43	ENVIRONMENTAL EXPENSES	3,574	4,508	4,128	3,500	3,500	3,500	0%
30-61	OFF EQUIP/REPAIRS & MAINT	8,573	9,904	9,882	11,000	11,000	5,000	-55%
30-62	GASOLINE	2,249	1,732	1,399	1,800	1,800	1,500	-17%
30-66	OTHER EQUIP REPAIRS/MAINT	1,452	3,057	6,583	2,600	13,800	200	-92%
30-67	RADIO REPAIRS/MAINTENANCE	1,508	165	91	200	200	200	0%
	ADMINISTRATIVE EXPENDITURES	**253,925**	**240,070**	**244,161**	**261,300**	**268,500**	**257,200**	**-2%**
	OPERATING EXPENDITURES	**526,235**	**517,809**	**528,311**	**560,200**	**569,300**	**585,100**	**4%**
40-25	OTHER EQUIP - PURCHASE	-	-	49,672	-	-	-	0%
	CAPITAL OUTLAY	**-**	**-**	**49,672**	**-**	**-**	**-**	**0%**
	TOTAL EXPENDITURES	**$ 526,235**	**$ 517,809**	**$ 577,983**	**$ 560,200**	**$ 569,300**	**$ 585,100**	**4%**
	OPERATING BUDGET STATS	**$ 526,235**	**$ 517,809**	**$ 528,311**	**$ 560,200**	**$ 569,300**	**$ 585,100**	
	ACTUAL % OF OPER BUDGET	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**	
	BUDGET % CHANGE	**-14%**	**-2%**	**2%**	**6%**	**2%**	**3%**	
	REVENUES							
	GENERAL FUND	$ 526,235	$ 517,809	$ 528,311	$ 560,200	$ 569,300	$ 585,100	
	GOV. CAPITAL PROJECT FUND	-	-	49,672	-	-	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	4.0	4.0	3.0	3.0	3.0	3.0	
	BUDGETED PART-TIME POSITIONS	-	-	1.0	1.0	1.0	1.0	

Dover Fire Department

Fiscal Year 2017 Organizational Chart

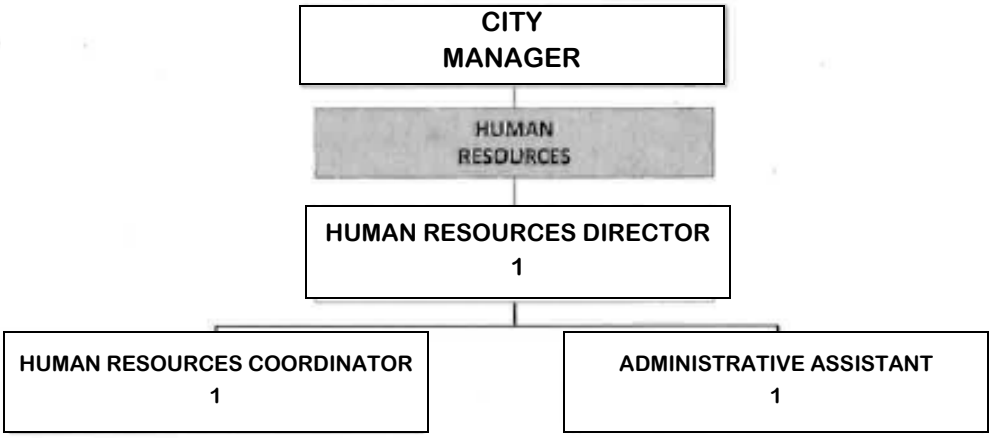


FIRE DEPARTMENT
110-1400-514

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 215,682	$ 196,608	$ 215,877	$ 229,900	$ 184,900	$ 208,100	-9%
10-12	OVERTIME	59,659	45,836	43,706	43,000	43,000	43,000	0%
10-13	TEMPORARY HELP	2,427	8,278	7,697	10,000	45,000	37,100	271%
10-14	FICA TAXES	20,868	18,603	19,890	21,600	21,600	22,000	2%
10-15	HEALTH INSURANCE	41,370	36,155	36,451	36,200	36,200	39,000	8%
10-16	L I D INSURANCE	1,229	1,089	1,199	1,100	1,100	1,100	0%
10-17	WORKERS COMPENSATION	1,461	518	557	900	900	900	0%
10-19	PENSION	11,802	61,862	47,308	43,400	43,400	66,400	53%
10-20	OPEB	18,217	20,444	25,234	23,700	23,700	20,100	-15%
	PERSONNEL COSTS	**372,717**	**389,394**	**397,918**	**409,800**	**399,800**	**437,700**	**7%**
20-32	SECURITY/SAFETY MATERIALS	625	500	-	600	600	-	-100%
	MATERIALS & SUPPLIES	**625**	**500**	**-**	**600**	**600**	**-**	**-100%**
30-28	TRAINING/CONF/FOOD/TRAVEL	-	-	-	2,300	2,300	1,000	-57%
30-31	CONTRACTUAL SERVICES	281,300	281,300	282,740	332,700	332,700	283,000	-15%
	ADMINISTRATIVE EXPENDITURES	**281,300**	**281,300**	**282,740**	**335,000**	**335,000**	**284,000**	**-15%**
	OPERATING EXPENDITURES	**654,642**	**671,194**	**680,658**	**745,400**	**735,400**	**721,700**	**-3%**
40-25	OTHER EQUIP - PURCHASE	-	-	288,651	-	300,200	-	0%
40-31	CONSTRUCTION - PURCHASE	238,515	238,515	237,965	145,600	145,600	145,700	0%
	CAPITAL OUTLAY	**238,515**	**238,515**	**526,617**	**145,600**	**445,800**	**145,700**	**0%**
	TOTAL EXPENDITURES	**$ 893,156**	**$ 909,708**	**$ 1,207,275**	**$ 891,000**	**$ 1,181,200**	**$ 867,400**	**-3%**
	OPERATING BUDGET STATS	**$ 654,642**	**$ 671,194**	**$ 680,658**	**$ 745,400**	**$ 735,400**	**$ 721,700**	
	ACTUAL % OF OPER BUDGET	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**	**100.00%**	
	BUDGET % CHANGE	**-1%**	**3%**	**1%**	**10%**	**-1%**	**-2%**	
	REVENUES							
	GENERAL FUND	$ 654,642	$ 671,194	$ 680,658	$ 745,400	$ 735,400	$ 721,700	
	GOV. CAPITAL PROJECT FUND	238,515	238,515	526,617	145,600	445,800	145,700	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	6.0	6.0	6.0	5.0	5.0	5.0	
	BUDGETED PART-TIME POSITIONS	1.0	1.0	2.0	3.0	3.0	3.0	

Human Resources

Fiscal Year 2017 Organizational Chart

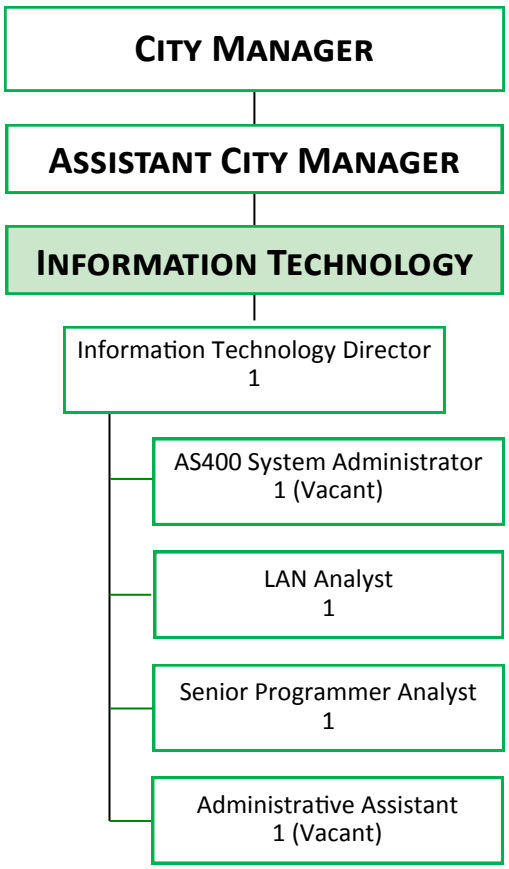


HUMAN RESOURCES
110-3100-518

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 160,713	$ 180,183	$ 181,435	$ 184,300	$ 191,600	$ 187,100	2%
10-12	OVERTIME	-	-	-	-	200	-	0%
10-14	FICA TAXES	11,663	13,282	13,309	14,100	14,500	14,300	1%
10-15	HEALTH INSURANCE	29,829	30,157	25,166	36,800	34,500	39,600	8%
10-16	L I D INSURANCE	1,070	1,207	1,205	1,300	1,300	1,300	0%
10-17	WORKERS COMPENSATION	841	371	379	600	600	600	0%
10-18	EDUCATIONAL ASSISTANCE	2,045	4,624	3,297	-	1,200	-	0%
10-19	PENSION	6,660	61,954	57,914	59,400	59,400	84,100	42%
10-20	OPEB	13,801	18,807	21,124	21,700	21,700	18,100	-17%
	PERSONNEL COSTS	**226,622**	**310,585**	**303,828**	**318,200**	**325,000**	**345,100**	**8%**
20-22	OFFICE SUPPLIES	645	685	795	800	800	800	0%
20-23	PRINTING AND DUPLICATING	3,098	2,865	3,892	3,000	3,000	3,000	0%
20-26	PROGRAM EXPENSES/SUPPLIES	548	205	145	800	800	400	-50%
20-28	MEDICAL SUP & PHYSICALS	12,723	16,201	10,731	17,000	17,000	14,000	-18%
20-31	BOOKS	-	-	-	500	500	500	0%
20-32	SECURITY/SAFETY MATERIALS	504	544	505	500	500	300	-40%
20-37	COMPUTER SOFTWARE	-	-	-	-	-	400	0%
20-38	COMPUTER HARDWARE	1,601	1,233	2,474	3,600	2,800	-	-100%
20-48	PERSONNEL RELATED SUP	8,626	9,144	10,180	12,500	10,000	10,000	-20%
	MATERIALS & SUPPLIES	**27,745**	**30,877**	**28,721**	**38,700**	**35,400**	**29,400**	**-24%**
30-21	TELEPHONE/FAX	388	432	445	500	500	500	0%
30-25	ADVERTISEMENT	4,746	10,073	14,457	4,500	4,500	5,600	24%
30-27	SUBSCRIPTIONS AND DUES	415	375	110	900	900	900	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	1,450	2,701	3,550	2,900	3,700	2,500	-14%
30-29	CONSULTING FEES	3,478	60	-	-	-	-	0%
30-31	CONTRACTUAL SERVICES	1,100	1,000	2,000	1,000	1,000	1,000	0%
30-39	IN-HOUSE TRAINING	373	295	660	700	700	1,500	114%
30-41	UNEMPLOYMENT COMP EXPENSE	27,804	6,666	6,437	16,500	5,000	6,000	-64%
30-61	OFF EQUIP/REPAIRS & MAINT	1,024	-	1,175	-	-	-	0%
	ADMINISTRATIVE EXPENDITURES	**40,778**	**21,602**	**28,834**	**27,000**	**16,300**	**18,000**	**-33%**
	OPERATING EXPENDITURES	**295,146**	**363,064**	**361,384**	**383,900**	**376,700**	**392,500**	**2%**
	TOTAL EXPENDITURES	**$ 295,146**	**$ 363,064**	**$ 361,384**	**$ 383,900**	**$ 376,700**	**$ 392,500**	**2%**
	OPERATING BUDGET STATS	**$ 295,146**	**$ 363,064**	**$ 361,384**	**$ 383,900**	**$ 376,700**	**$ 392,500**	
	ACTUAL % OF OPER BUDGET	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	
	BUDGET % CHANGE	**12%**	**23%**	**0%**	**6%**	**-2%**	**4%**	
	REVENUES							
	GENERAL FUND	$ 295,146	$ 363,064	$ 361,384	$ 383,900	$ 376,700	$ 392,500	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	3.0	3.0	3.0	3.0	3.0	3.0	

Information Technology

Fiscal Year 2017 Organization Chart

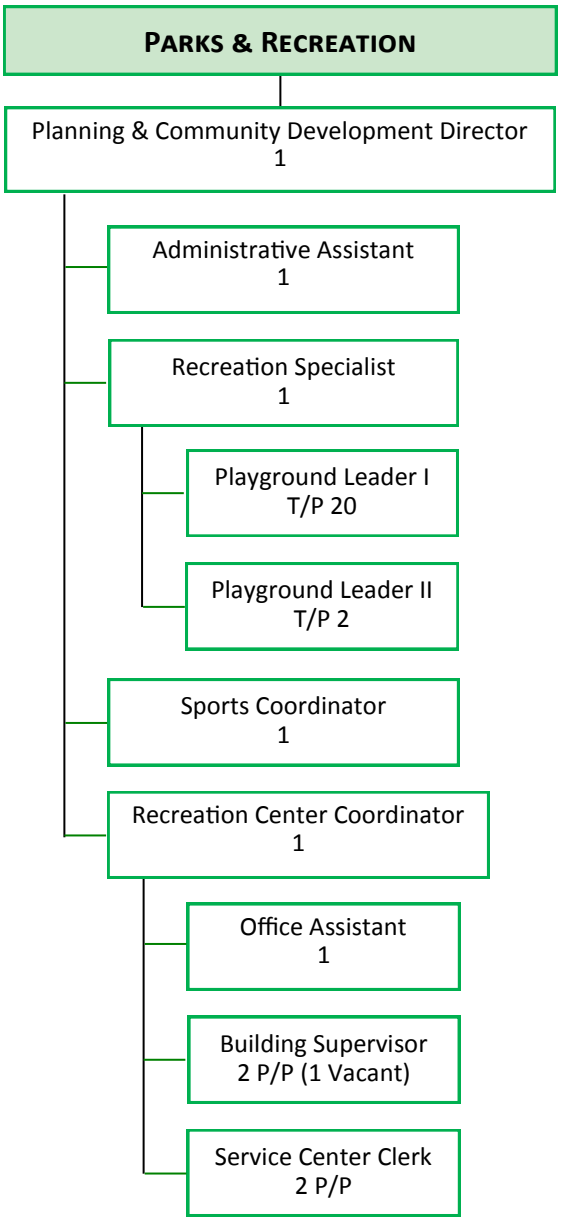


INFORMATION TECHNOLOGY
110-2200-516

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 252,748	$ 283,375	$ 306,042	$ 249,600	$ 216,300	$ 250,200	0%
10-13	TEMPORARY	-	-	-	12,700	-	13,800	9%
10-14	FICA TAXES	18,829	20,913	22,969	20,100	16,700	20,200	0%
10-15	HEALTH INSURANCE	36,043	39,584	36,705	39,000	24,000	33,500	-14%
10-16	L I D INSURANCE	1,722	1,949	1,617	1,300	1,300	1,300	0%
10-17	WORKERS COMPENSATION	1,322	584	656	800	800	900	13%
10-18	EDUCATIONAL ASSISTANCE	-	-	4,118	-	5,300	-	0%
10-19	PENSION	12,231	107,175	99,893	86,800	67,800	97,200	12%
10-20	OPEB	21,602	29,869	32,456	29,500	24,500	24,300	-18%
	PERSONNEL COSTS	**344,497**	**483,450**	**504,455**	**439,800**	**356,700**	**441,400**	**0%**
20-22	OFFICE SUPPLIES	1,075	1,144	824	1,100	1,100	1,100	0%
20-34	DATA PROCESSING SUPPLIES	1,141	767	986	1,000	1,000	1,000	0%
20-37	COMPUTER SOFTWARE	66,654	66,571	66,718	80,900	80,900	83,000	3%
20-38	COMPUTER HARDWARE	25,936	15,265	8,183	14,200	14,200	13,600	-4%
	MATERIALS & SUPPLIES	**94,806**	**83,748**	**76,711**	**97,200**	**97,200**	**98,700**	**2%**
30-21	TELEPHONE/FAX	3,252	2,077	2,165	2,100	2,100	2,300	10%
30-27	SUBSCRIPTIONS AND DUES	195	653	195	200	200	200	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	847	126	1,655	1,500	1,500	1,500	0%
30-31	CONTRACTUAL SERVICES	35,261	22,127	24,427	29,300	33,100	34,800	19%
30-39	IN-HOUSE TRAINING	6,050	6,000	5,000	6,400	6,400	6,400	0%
30-61	OFF EQUIP/REPAIRS & MAINT	126,340	117,975	115,416	128,200	128,200	130,900	2%
30-62	GASOLINE	53	61	22	100	100	100	0%
	ADMINISTRATIVE EXPENDITURES	**171,998**	**149,019**	**148,880**	**167,800**	**171,600**	**176,200**	**5%**
	OPERATING EXPENSES	**611,301**	**716,217**	**730,046**	**704,800**	**625,500**	**716,300**	**2%**
40-28	COMPUTER HARDWARE/CAPITAL	102,589	-	-	-	-	-	0%
	CAPITAL OUTLAY	**102,589**	**-**	-	-	-	-	**0%**
	TOTAL EXPENDITURES	**$ 713,890**	**$ 716,217**	**$ 730,046**	**$ 704,800**	**$ 625,500**	**$ 716,300**	**2%**
	OPERATING BUDGET STATS	**$ 611,301**	**$ 716,217**	**$ 730,046**	**$ 704,800**	**$ 625,500**	**$ 716,300**	
	ACTUAL % OF OPER BUDGET	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	
	BUDGET % CHANGE	**-15%**	**17%**	**2%**	**-3%**	**-11%**	**15%**	
	REVENUES							
	GENERAL FUND	$ 611,301	$ 716,217	$ 730,046	$ 704,800	$ 625,500	$ 716,300	
	GOV. CAPITAL PROJECT FUND	87,589	-	-	-	-	-	
	DEMA GRANT	15,000	-	-	-	-	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	5.0	5.0	5.0	4.0	4.0	4.0	
	BUDGETED PART-TIME POSITIONS	-	-	-	1.0	1.0	1.0	

Parks & Recreation

Fiscal Year 2017 Organization Chart

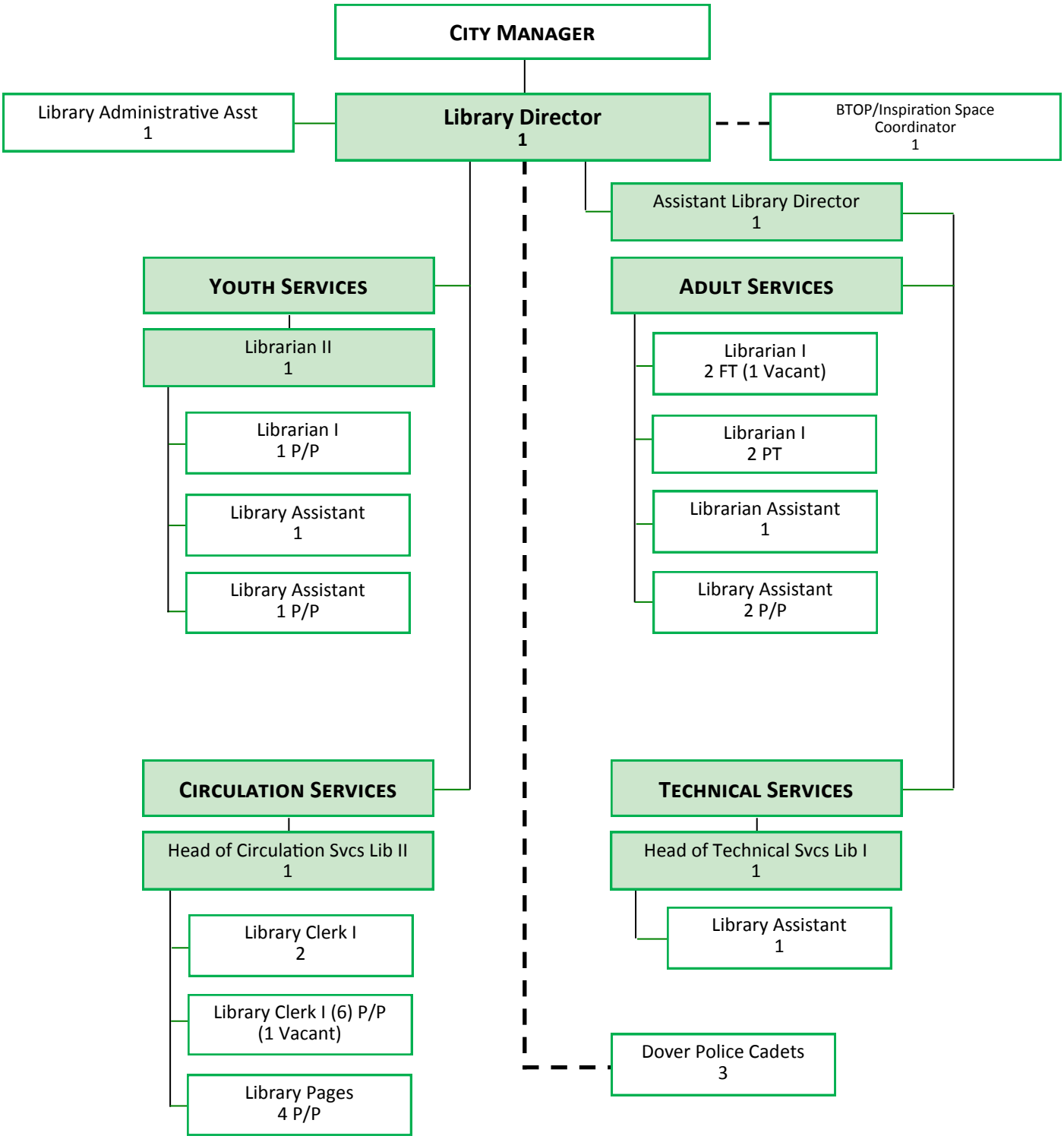


RECREATION
110-1500-525

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE	2016-2017 Subs Abuse BUDGET
10-11	SALARIES	$ 208,858	$ 217,283	$ 229,135	$ 226,700	$ 236,000	$ 234,400	3%	$ -
10-12	OVERTIME	342	102	398	1,500	1,500	1,600	7%	-
10-13	TEMPORARY HELP	80,103	101,497	85,587	107,000	107,000	122,100	14%	59,600
10-14	FICA TAXES	21,390	23,734	23,484	25,600	26,000	27,400	7%	4,500
10-15	HEALTH INSURANCE	49,912	40,478	40,628	47,700	47,700	51,400	8%	-
10-16	L I D INSURANCE	1,592	1,702	1,567	1,200	1,200	1,200	0%	-
10-17	WORKERS COMPENSATION	1,971	694	656	1,100	1,100	1,100	0%	200
10-19	PENSION	12,008	28,377	28,365	28,900	28,900	37,600	30%	-
10-20	OPEB	18,175	22,655	25,962	27,000	27,000	22,700	-16%	-
	PERSONNEL COSTS	**394,350**	**436,522**	**435,783**	**466,700**	**476,400**	**499,500**	**7%**	**64,300**
20-22	OFFICE SUPPLIES	2,430	2,428	1,950	2,000	2,000	2,000	0%	-
20-23	PRINTING AND DUPLICATING	2,033	2,193	2,226	3,800	3,800	3,000	-21%	-
20-26	PROGRAM EXPENSES/SUPPLIES	40,539	42,776	42,050	42,000	42,000	43,000	2%	55,700
20-28	MEDICAL SUP & PHYSICALS	15	221	-	-	-	-	0%	-
20-32	SECURITY/SAFETY MATERIALS	1,427	993	432	500	500	500	0%	-
20-37	COMPUTER SOFTWARE	2,175	5,525	2,492	2,700	2,700	2,700	0%	-
20-38	COMPUTER HARDWARE	3,176	1,009	3,176	3,500	3,500	-	-100%	-
20-46	CITY BLDG MAINT SUPPLIES	5,326	4,132	4,822	5,000	5,000	5,000	0%	-
20-58	WATER/SEWER	819	873	775	1,000	1,000	800	-20%	-
	MATERIALS & SUPPLIES	**57,941**	**60,151**	**57,922**	**60,500**	**60,500**	**57,000**	**-6%**	**55,700**
30-21	TELEPHONE/FAX	2,040	1,927	2,147	2,100	2,100	2,100	0%	-
30-23	ELECTRICITY	66,921	57,775	51,864	78,000	62,000	62,000	-21%	-
30-24	HEATING OIL/GAS	5,827	12,197	11,046	12,000	12,000	6,000	-50%	-
30-27	SUBSCRIPTIONS AND DUES	165	165	2,080	2,200	2,200	2,100	-5%	-
30-28	TRAINING/CONF/FOOD/TRAVEL	1,314	2,560	492	500	500	500	0%	-
30-31	CONTRACTUAL SERVICES	110,483	103,781	95,302	105,000	105,000	116,500	11%	-
30-61	OFF EQUIP/REPAIRS & MAINT	1,420	925	1,035	1,000	1,000	1,000	0%	-
30-62	GASOLINE	1,465	1,531	945	1,500	1,500	1,200	-20%	-
30-67	RADIO REPAIRS/MAINTENANCE	2,422	-	-	-	-	-	0%	-
	ADMINISTRATIVE EXPENDITURES	**192,056**	**180,861**	**164,910**	**202,300**	**186,300**	**191,400**	**-5%**	**-**
	OPERATING EXPENDITURES	**644,346**	**677,534**	**658,615**	**729,500**	**723,200**	**747,900**	**3%**	**120,000**
40-25	OTHER EQUIP - PURCHASE	-	-	104,000	-	7,900	-	0%	-
40-31	CONSTRUCTION - PURCHASE	6,995	5,829	103,323	-	66,000	165,000	0%	-
	CAPITAL OUTLAY	**6,995**	**5,829**	**207,323**	**-**	**73,900**	**165,000**	**0%**	**-**
	TOTAL EXPENDITURES	**$ 651,341**	**$ 683,363**	**$ 865,938**	**$ 729,500**	**$ 797,100**	**$ 912,900**	**25%**	**$ 120,000**
	OPERATING BUDGET STATS	**$ 644,346**	**$ 677,534**	**$ 658,615**	**$ 729,500**	**$ 723,200**	**$ 747,900**		
	ACTUAL % OF OPER BUDGET	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**		
	BUDGET % CHANGE	**-22%**	**5%**	**-3%**	**11%**	**-1%**	**3%**		
	REVENUES								
	GENERAL FUND	$ 644,346	$ 677,534	$ 658,615	$ 729,500	$ 723,200	$ 747,900		$ -
	GOV. CAPITAL PROJECT FUND	6,995	5,829	207,323	-	73,900	165,000		-
	GRANT FUNDS	-	-	-	-	-	-		120,000
	PERSONNEL								
	BUDGETED FULL-TIME POSITIONS	5.0	5.0	5.0	5.0	5.0	5.0		-
	PP/TEMP	10.0	10.0	14.0	14.0	14.0	14.0		10.0

Dover Public Library

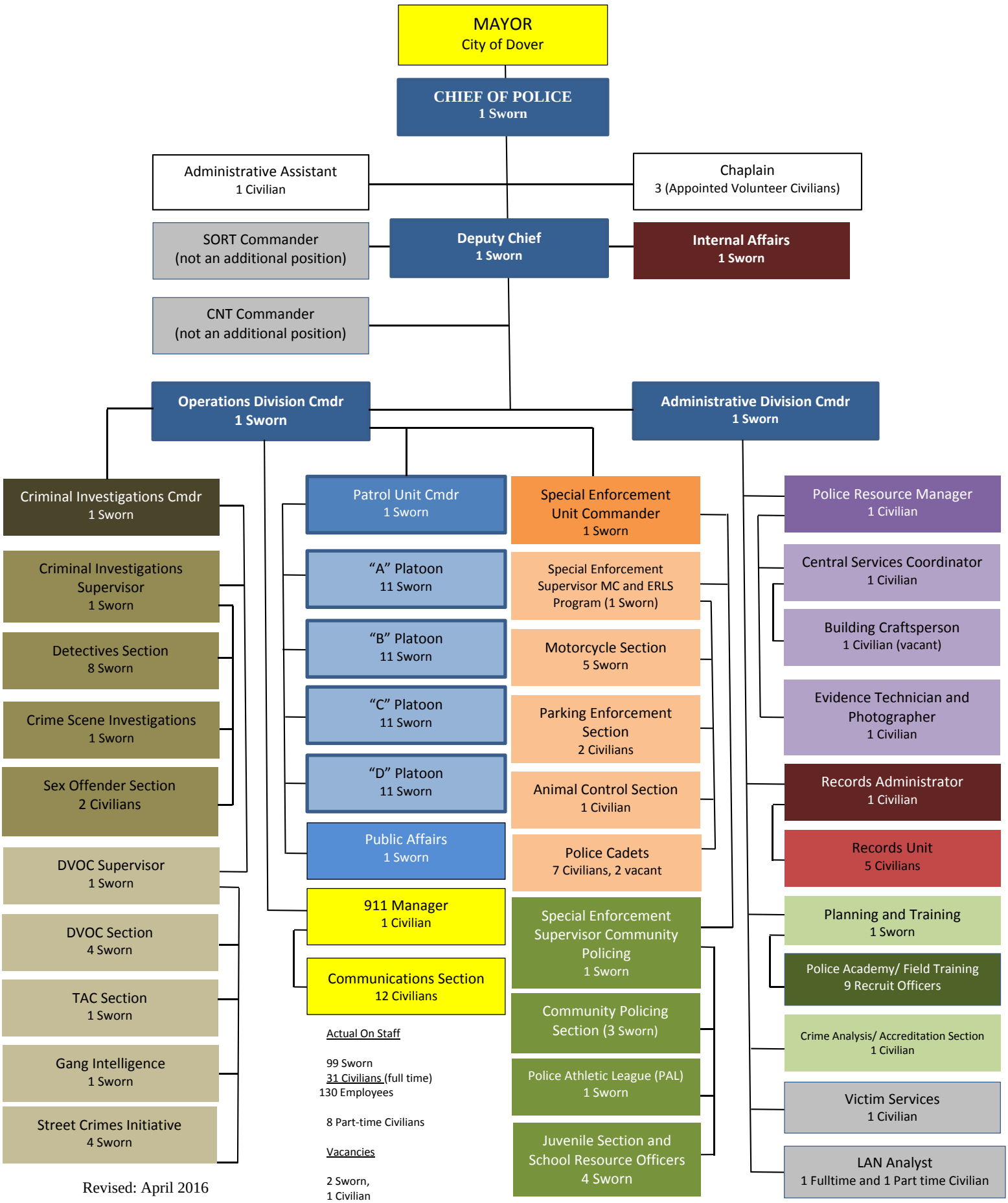
Fiscal Year 2017 Organization Chart



LIBRARY
110-1500-523

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE	2016-2017 GRANTS BUDGET
10-11	SALARIES	$ 541,590	$ 571,704	$ 567,471	$ 590,700	$ 571,300	$ 616,300	4%	$ -
10-12	OVERTIME	4,868	5,496	3,714	5,600	5,600	3,700	-34%	-
10-13	TEMPORARY HELP	158,352	135,502	171,424	263,100	233,100	271,200	3%	-
10-14	FICA TAXES	51,780	51,668	54,098	65,700	66,100	68,100	4%	-
10-15	HEALTH INSURANCE	108,315	145,383	137,453	168,200	163,200	182,700	9%	-
10-16	L I D INSURANCE	3,649	3,539	3,181	3,200	3,200	2,500	-22%	-
10-17	WORKERS COMPENSATION	3,729	3,457	3,751	7,700	7,700	9,200	19%	-
10-19	PENSION	27,074	112,239	106,208	109,200	109,200	155,500	42%	-
10-20	OPEB	45,958	60,488	64,611	70,100	70,100	59,800	-15%	-
	PERSONNEL COSTS	**945,314**	**1,089,476**	**1,111,912**	**1,283,500**	**1,229,500**	**1,369,000**	**7%**	-
20-21	FURNITURE/FIXTURES	-	-	-	-	-	-	0%	3,100
20-22	OFFICE SUPPLIES	1,497	1,497	1,495	1,500	1,500	1,500	0%	24,000
20-23	PRINTING AND DUPLICATING	2,088	2,194	-	-	-	-	0%	13,200
20-26	PROGRAM EXPENSES/SUPPLIES	3,193	3,199	600	600	600	-	-100%	24,100
20-31	BOOKS	53,998	53,999	53,997	54,000	54,000	35,200	-35%	129,200
20-32	SECURITY/SAFETY MATERIALS	288	1,200	1,800	3,300	3,300	3,300	0%	-
20-37	COMPUTER SOFTWARE	42	1,000	500	500	500	500	0%	-
20-38	COMPUTER HARDWARE	7,910	6,999	5,699	1,100	1,100	1,000	-9%	-
20-46	CITY BLDG MAINT SUPPLIES	8,578	9,213	17,508	8,000	8,000	15,000	88%	-
20-47	AUDIO VISUAL SUPPLIES	1,100	1,099	-	-	-	-	0%	75,100
20-58	WATER/SEWER	2,929	3,125	2,426	2,400	2,400	2,400	0%	-
	MATERIALS & SUPPLIES	**81,623**	**83,524**	**84,026**	**71,400**	**71,400**	**58,900**	**-18%**	**268,700**
30-21	TELEPHONE/FAX	3,801	3,902	4,034	3,800	3,800	4,000	5%	-
30-22	POSTAGE	-	-	-	-	-	-	0%	100
30-23	ELECTRICITY	81,200	84,115	94,173	93,000	93,000	93,000	0%	-
30-24	HEATING OIL/GAS	19,288	16,007	5,676	6,000	6,000	6,000	0%	-
30-27	SUBSCRIPTIONS AND DUES	10,989	10,998	11,000	11,000	11,000	11,000	0%	-
30-28	TRAINING/CONF/FOOD/TRAVEL	200	200	-	-	-	-	0%	2,000
30-31	CONTRACTUAL SERVICES	24,691	31,026	65,818	37,500	37,500	89,300	138%	900.00
30-61	OFF EQUIP/REPAIRS & MAINT	2,500	2,500	3,800	3,800	3,800	3,800	0%	6,000
30-69	OFFICE EQUIPMENT/LEASE	-	-	-	-	-	-	0%	1,200
	ADMINISTRATIVE EXPENDITURES	**142,668**	**148,748**	**184,499**	**155,100**	**155,100**	**207,100**	**34%**	**10,200**
	OPERATING EXPENDITURES	**1,169,605**	**1,321,748**	**1,380,437**	**1,510,000**	**1,456,000**	**1,635,000**	**8%**	**278,900**
40-25	OTHER EQUIP - PURCHASE	-	32,302	-	-	-	-	0%	-
40-31	CONSTRUCTION - PURCHASE	4,070,899	80,566	-	-	-	-	0%	-
	CAPITAL OUTLAY	**4,070,899**	**112,868**	**-**	**-**	**-**	**-**	**0%**	**-**
	TOTAL EXPENDITURES	**$ 5,240,504**	**$ 1,434,616**	**$ 1,380,437**	**$ 1,510,000**	**$ 1,456,000**	**$ 1,635,000**	**8%**	**$ 281,400**
	OPERATING BUDGET STATS	**$ 1,169,605**	**$ 1,321,748**	**$ 1,380,437**	**$ 1,510,000**	**$ 1,456,000**	**$ 1,635,000**		
	ACTUAL $ OF OPER BUDGET	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**		
	BUDGET % CHANGE	**6%**	**13%**	**4%**	**9%**	**-4%**	**12%**		
	REVENUES								
	GENERAL FUND	$ 1,169,605	$ 1,321,748	$ 1,380,437	$ 1,510,000	$ 1,456,000	$ 1,635,000		$ -
	GOV. CAPITAL PROJECT FUND	4,070,899	112,868	-	-	-	-		-
	GRANT FUNDS	-	-	-	-	-	-		281,400
	PERSONNEL								
	BUDGETED FULL-TIME POSITIONS	13.0	13.0	13.0	13.0	13.0	13.0		
	BUDGETED PART-TIME POSITIONS	13.0	13.0	13.0	19.0	19.0	19.0		

FY 2017 ANNUAL OPERATING Budget - DOVER, DELAWARE
DOVER POLICE DEPARTMENT ORGANIZATIONAL CHART
April 2016



Actual On Staff

99 Sworn
31 Civilians (full time)
130 Employees

8 Part-time Civilians

Vacancies

2 Sworn,
1 Civilian
2 Part-time Civilians

Revised: April 2016

POLICE - CIVILIAN
110-1700-542

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 1,244,096	$ 1,298,961	$ 1,337,882	$ 1,428,500	$ 1,469,400	$ 1,493,700	5%
10-12	OVERTIME	77,476	83,514	82,711	66,400	86,400	70,900	7%
10-13	TEMPORARY HELP	17,150	-	-	-	-	-	0%
10-14	FICA TAXES	100,041	102,029	104,231	114,300	115,900	119,600	5%
10-15	HEALTH INSURANCE	219,050	226,146	242,274	289,700	302,700	325,900	12%
10-16	L I D INSURANCE	6,610	7,156	7,076	7,100	7,100	7,200	1%
10-17	WORKERS COMPENSATION	9,366	5,244	7,307	4,800	12,600	7,200	50%
10-18	EDUCATIONAL ASSISTANCE	1,689	-	3,797	-	-	-	0%
10-19	PENSION	54,768	332,636	319,306	326,500	335,000	426,800	31%
10-20	OPEB	100,254	130,280	153,024	167,400	167,400	142,400	-15%
	PERSONNEL COSTS	**1,830,502**	**2,185,966**	**2,257,607**	**2,404,700**	**2,496,500**	**2,593,700**	**8%**

POLICE - LAW ENFORCEMENT
110-1700-543

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	6,800,947	6,917,618	7,332,327	7,094,300	7,678,900	7,503,800	6%
10-12	OVERTIME	446,587	355,468	433,344	445,000	410,000	450,600	1%
10-14	FICA TAXES	535,448	539,893	573,899	536,100	586,900	608,300	14%
10-15	HEALTH INSURANCE	961,516	1,023,394	1,058,741	1,387,200	1,317,200	1,480,100	7%
10-16	L I D INSURANCE	26,326	26,247	26,520	28,500	28,500	28,400	0%
10-17	WORKERS COMPENSATION	349,846	284,518	308,197	340,200	394,900	473,000	39%
10-18	EDUCATIONAL ASSISTANCE	7,143	7,922	13,260	-	14,800	-	0%
10-19	PENSION	937,822	992,648	936,612	962,200	1,006,000	1,004,100	4%
10-20	OPEB	551,936	687,480	787,743	826,800	831,700	704,600	-14%
	PERSONNEL COSTS	**10,617,571**	**10,835,188**	**11,470,644**	**11,620,300**	**12,268,900**	**12,252,900**	**5%**

POLICE - EXTRA DUTY
110-1700-544

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	738,537	588,971	501,907	529,200	558,300	689,800	30%
10-14	FICA TAXES	56,808	45,050	36,631	40,500	42,700	52,800	30%
10-17	WORKERS COMPENSATION	36,164	25,736	18,895	32,700	33,200	41,000	25%
	PERSONNEL COSTS	**831,510**	**659,757**	**557,432**	**602,400**	**634,200**	**783,600**	**30%**
	TOTAL PERSONNEL COSTS	**$ 13,279,582**	**$ 13,680,911**	**$ 14,285,683**	**$ 14,627,400**	**$ 15,399,600**	**$ 15,630,200**	**7%**

POLICE - CADET PROGRAM IN POLICE GRANT FUND
710-1700-545

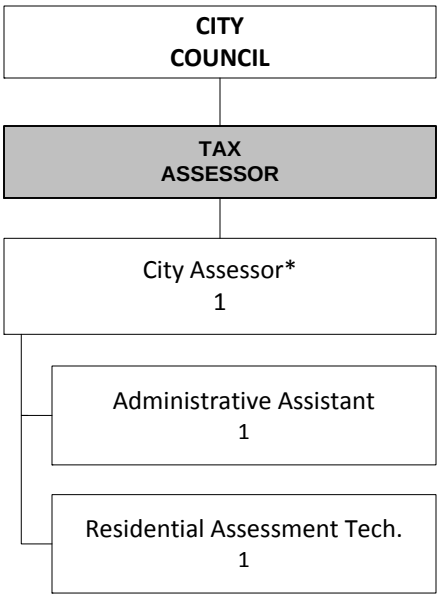
ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-13	TEMPORARY HELP	-	-	-	71,400	71,400	71,400	0%
10-14	FICA TAXES	-	-	986	5,400	5,400	5,500	2%
10-17	WORKERS COMPENSATION	-	-	516	3,500	3,500	4,200	20%
	PERSONNEL COSTS	**-**	**-**	**1,503**	**80,300**	**80,300**	**81,100**	**1%**
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	122.0	122.0	124.0	134.0	134.0	134.0	
	BUDGETED PART-TIME POSITIONS -	-	-	-	6.0	6.0	6.0	

POLICE - ADMINISTRATION
110-1700-541

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE	2015-2016 GRANTS BUDGET
20-14	CI PETTY CASH DISBURSEMTS	$ 2,249	$ 3,243	$ 6,933	$ 20,200	$ 42,200	$ 8,000	-60%	$ -
20-22	OFFICE SUPPLIES	7,310	10,016	5,683	7,000	7,000	7,000	0%	-
20-23	PRINTING AND DUPLICATING	16,758	11,810	18,756	14,000	19,000	14,000	0%	-
20-24	PHOTOGRAPHIC	1,514	696	942	1,000	1,000	1,500	50%	-
20-25	CUSTODIAL	4,528	4,489	4,583	4,200	4,200	4,500	7%	-
20-26	PROGRAM EXPENSES/SUPPLIES	51,960	48,747	81,040	93,600	93,600	67,000	-28%	156,000
20-28	MEDICAL SUP & PHYSICALS	24,008	25,143	29,534	26,000	26,000	32,000	23%	-
20-29	UNIFORMS/UNIFORM ALLOW	83,467	81,653	82,894	99,800	99,800	82,000	-18%	-
20-31	BOOKS	1,935	-	2,240	700	700	3,000	329%	-
20-32	SECURITY/SAFETY MATERIALS	18,905	18,807	1,080	-	-	1,500	0%	-
20-36	ANIMAL CARE EXPENSES	4,711	3,692	20,293	17,000	15,000	17,000	0%	-
20-37	COMPUTER SOFTWARE	11,591	12,267	13,390	13,000	13,000	16,700	28%	-
20-38	COMPUTER HARDWARE	54,393	59,158	50,001	102,200	102,200	82,300	-19%	50,000
20-46	CITY BLDG MAINT SUPPLIES	35,435	31,608	31,506	31,400	50,900	31,400	0%	-
20-58	WATER/SEWER	3,181	1,593	2,197	2,700	2,700	2,700	0%	-
	MATERIALS & SUPPLIES	**321,945**	**312,923**	**351,073**	**432,800**	**477,300**	**370,600**	**-14%**	**206,000**
30-21	TELEPHONE/FAX	49,452	50,816	53,750	52,900	47,900	52,900	0%	15,000
30-22	POSTAGE	82	74	364	100	100	100	0%	-
30-23	ELECTRICITY	87,044	74,064	76,321	85,000	82,500	85,000	0%	-
30-24	HEATING OIL/GAS	12,743	13,294	15,424	12,800	9,800	12,800	0%	-
30-25	ADVERTISEMENT	3,000	1,039	-	2,000	1,000	1,000	-50%	-
30-26	INSURANCE	10,733	12,115	43,052	20,000	33,500	30,000	50%	-
30-27	SUBSCRIPTIONS AND DUES	2,992	4,666	5,423	5,100	5,100	5,000	-2%	-
30-28	TRAINING/CONF/FOOD/TRAVEL	19,492	30,404	38,903	44,900	44,900	71,000	58%	32,000
30-29	CONSULTING FEES/AUDIT FEES	9,393	9,933	11,609	9,000	9,000	10,400	16%	1,000
30-31	CONTRACTUAL SERVICES	52,126	55,635	44,262	68,600	68,600	192,600	181%	6,000
30-61	OFF EQUIP/REPAIRS & MAINT	38,692	26,291	28,374	38,700	38,700	38,200	-1%	-
30-62	GASOLINE	223,301	208,529	175,604	200,000	132,000	135,000	-33%	-
30-63	AUTO REPAIRS/MAINTENANCE	128,788	159,401	147,690	127,600	177,100	217,400	70%	-
30-67	RADIO REPAIRS/MAINTENANCE	17,909	17,068	18,782	20,000	20,000	22,500	13%	-
30-68	RADIO EQUIPMENT/LEASE	980	520	800	14,500	8,500	500	-97%	-
	ADMINISTRATIVE EXPENDITURES	**656,727**	**663,849**	**660,359**	**701,200**	**678,700**	**874,400**	**25%**	**54,000**
	OPERATING EXPENDITURES	**14,258,254**	**14,657,683**	**15,297,116**	**15,761,400**	**16,555,600**	**16,875,200**	**7%**	**260,000**
40-21	OFFICE EQUIPMENT PURCHASE	-	8,865	-	-	-	-	0%	-
40-22	AUTOMOBILES - PURCHASE	137,504	227,300	148,978	242,200	282,800	287,300	19%	-
40-25	OTHER EQUIP - PURCHASE	33,800	54,160	432,035	-	-	12,500	0%	-
40-31	CONSTRUCTION - PURCHASE	19,715	51,800	-	19,900	19,900	-	-100%	-
	CAPITAL OUTLAY	**191,019**	**342,125**	**581,012**	**262,100**	**302,700**	**299,800**	**14%**	**74,400**
	TOTAL EXPENDITURES	**$ 14,449,273**	**$ 14,999,808**	**$ 15,878,128**	**$ 16,023,500**	**$ 16,858,300**	**$ 17,175,000**	**7%**	**$ 334,400**
	OPERATING BUDGET STATS	**$ 14,258,254**	**$ 14,657,683**	**$ 15,297,116**	**$ 15,761,400**	**$ 16,555,600**	**$ 16,875,200**		
	ACTUAL % OF OPER BUDGET	**101%**	**102%**	**104%**	**102%**	**102%**	**102%**		
	BUDGET % CHANGE	**5%**	**3%**	**4%**	**3%**	**5%**	**2%**		
	REVENUES								
	GENERAL FUND	$ 14,258,254	$ 14,657,683	$ 15,297,116	$ 15,761,400	$ 16,555,600	$ 16,875,200		
	GOV. CAPITAL PROJECT FUND	191,019	342,125	581,012	262,100	302,700	299,800		
	PERSONNEL								
	BUDGETED FULL-TIME POSITIONS	122.0	122.0	124.0	134.0	134.0	134.0		-
	BUDGETED PART-TIME POSITIONS -	-	-	-	6.0	6.0	6.0		6

Tax Assessor

Fiscal Year 2017 Organization Chart



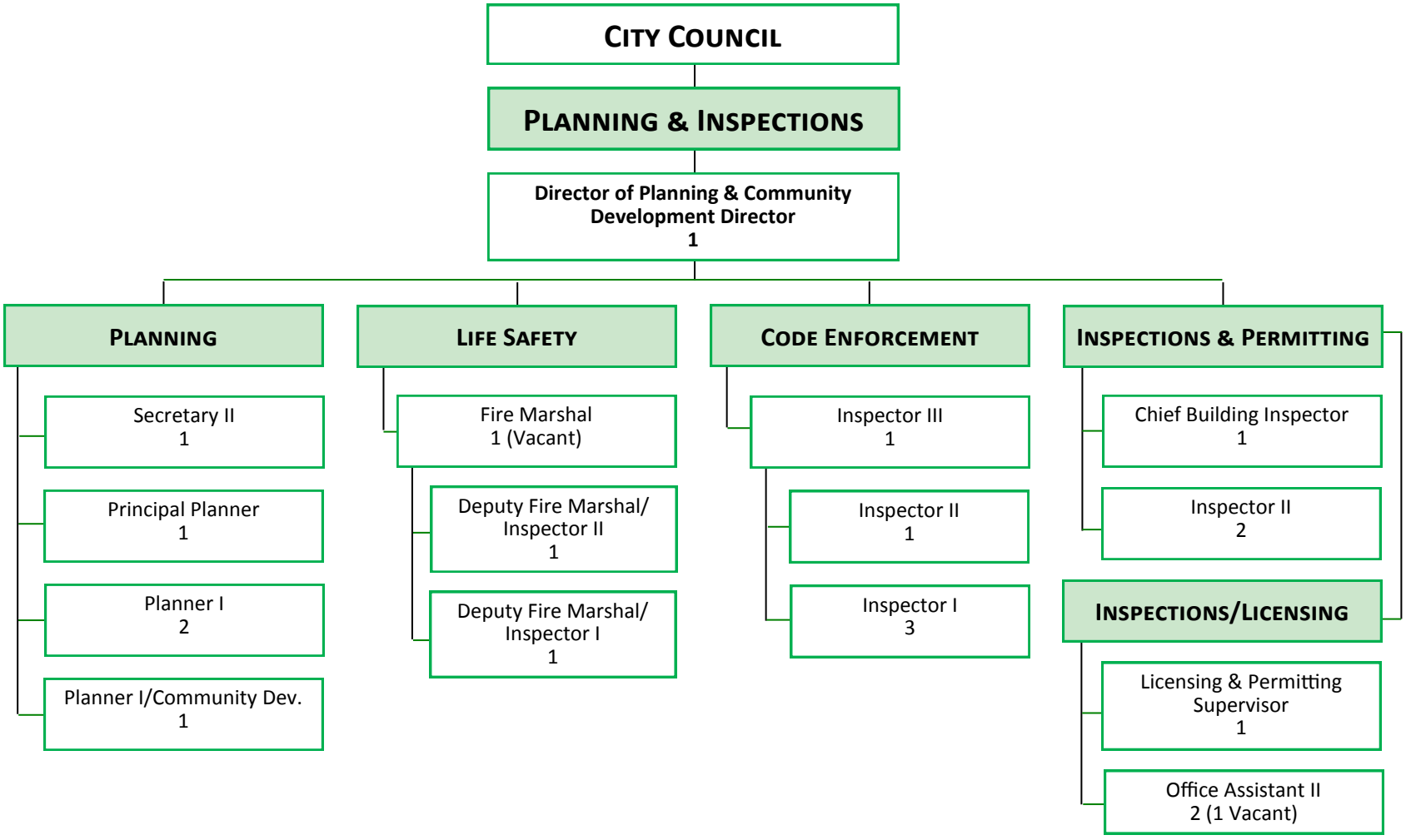
* Appointed by Council

TAX ASSESSOR
110-1300-513

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 124,167	$ 125,250	$ 119,460	$ 129,000	$ 131,400	$ 132,200	2%
10-14	FICA TAXES	9,299	9,341	8,774	9,900	10,100	10,100	2%
10-15	HEALTH INSURANCE	16,571	17,182	19,826	31,600	31,600	34,100	8%
10-16	L I D INSURANCE	963	972	808	800	800	800	0%
10-17	WORKERS COMPENSATION	795	422	411	400	400	700	75%
10-18	EDUCATIONAL ASSISTANCE	-	-	-	-	2,400	-	0%
10-19	PENSION	6,925	21,126	19,593	20,200	20,200	27,200	35%
10-20	OPEB	10,706	13,441	13,864	15,300	15,300	12,800	-16%
	PERSONNEL COSTS	**169,427**	**187,735**	**182,735**	**207,200**	**212,200**	**217,900**	**5%**
20-21	FURNITURE/FIXTURES	32	-	111	-	-	-	0%
20-22	OFFICE SUPPLIES	1,842	3,473	2,263	2,700	2,700	2,300	-15%
20-23	PRINTING AND DUPLICATING	78	76	9,828	200	200	200	0%
20-37	COMPUTER SOFTWARE	-	-	50	100	100	-	-100%
	MATERIALS & SUPPLIES	**3,087**	**6,014**	**12,252**	**3,000**	**3,000**	**2,500**	**-17%**
30-21	TELEPHONE/FAX	1,218	1,098	1,132	1,100	1,100	1,300	18%
30-25	ADVERTISEMENT	775	615	985	1,000	1,000	1,000	0%
30-27	SUBSCRIPTIONS AND DUES	850	875	905	900	900	800	-11%
30-28	TRAINING/CONF/FOOD/TRAVEL	1,788	2,242	1,896	5,000	5,000	7,500	50%
30-31	CONTRACTUAL SERVICES	8,860	9,210	102,760	15,600	15,600	12,400	-21%
30-62	GASOLINE	1,432	1,607	775	1,000	1,000	600	-40%
	ADMINISTRATIVE EXPENDITURES	**14,924**	**15,646**	**108,453**	**24,600**	**24,600**	**23,600**	**-4%**
	OPERATING EXPENDITURES	**187,438**	**209,395**	**303,439**	**234,800**	**239,800**	**244,000**	**4%**
	TOTAL EXPENDITURES	**$ 187,438**	**$ 209,395**	**$ 303,439**	**$ 234,800**	**$ 239,800**	**$ 244,000**	**4%**
	OPERATING BUDGET STATS	**$ 187,438**	**$ 209,395**	**$ 303,439**	**$ 234,800**	**$ 239,800**	**$ 244,000**	
	ACTUAL % OF OPER BUDGET	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	
	BUDGET % CHANGE	**1%**	**12%**	**45%**	**-23%**	**2%**	**2%**	
	REVENUES							
	GENERAL FUND	$ 187,438	$ 209,395	$ 303,439	$ 234,800	$ 239,800	$ 244,000	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	3.0	3.0	3.0	3.0	3.0	3.0	
	BUDGETED PART-TIME POSITIONS	-	-	-	-	-	-	

Planning & Inspections

Fiscal Year 2017 Organization Chart



PLANNING/CDBG
110-1600-533/715-2016-596

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 306,920	$ 299,850	$ 330,438	$ 364,200	$ 366,100	$ 380,300	4%
10-12	OVERTIME	770	377	282	700	700	1,000	43%
10-13	TEMPORARY HELP	11,950	13,600	11,475	17,100	17,100	15,000	-12%
10-14	FICA TAXES	23,591	23,083	25,085	29,400	29,800	30,300	3%
10-15	HEALTH INSURANCE	38,269	37,741	41,281	58,600	55,100	60,200	3%
10-16	L I D INSURANCE	2,011	1,846	1,900	2,200	2,200	2,200	0%
10-17	WORKERS COMPENSATION	1,978	664	715	1,100	1,100	1,200	9%
10-19	PENSION	17,610	17,039	18,529	20,500	20,500	22,000	7%
10-20	OPEB	25,919	31,408	38,150	43,300	43,300	36,900	-15%
10-21	COSTS ALLOCATED TO CDBG	(51,853)	(40,364)	(45,973)	(33,700)	(33,700)	(36,000)	7%
	PERSONNEL COSTS	**377,165**	**385,245**	**421,882**	**503,400**	**502,200**	**513,100**	**2%**
20-21	FURNITURE/FIXTURES	77	-	-	-	-	-	0%
20-22	OFFICE SUPPLIES	2,971	4,133	3,815	4,000	4,000	4,000	0%
20-23	PRINTING AND DUPLICATING	8,272	9,855	8,654	6,000	6,000	6,000	0%
20-31	BOOKS	570	717	616	700	700	700	0%
20-38	COMPUTER HARDWARE	-	5,591	-	-	-	2,600	0%
	MATERIALS & SUPPLIES	**11,890**	**20,297**	**13,086**	**10,700**	**10,700**	**13,300**	**24%**
30-21	TELEPHONE/FAX	989	943	998	1,200	1,200	1,300	8%
30-25	ADVERTISEMENT	2,122	1,759	2,220	2,000	2,000	2,000	0%
30-27	SUBSCRIPTIONS AND DUES	1,529	2,055	2,065	2,500	2,500	2,900	16%
30-28	TRAINING/CONF/FOOD/TRAVEL	2,239	1,482	6,280	4,200	4,200	4,200	0%
30-31	CONTRACTUAL SERVICES	1,267	10,305	3,870	10,000	10,000	10,000	0%
30-67	RADIO REPAIRS/MAINTENANCE	2,262	-	-	-	-	-	0%
	ADMINISTRATIVE EXPENDITURES	**10,406**	**16,544**	**15,432**	**19,900**	**19,900**	**20,400**	**3%**
	OPERATING EXPENDITURES	**399,461**	**422,085**	**450,400**	**534,000**	**532,800**	**546,800**	**2%**
40-31	CONSTRUCTION - PURCHASE	-	-		-	-	36,000	0%
70-42	CLOSING COST/DWNPYMT PROG	-	-	-	-	-	60,000	0%
70-43	CONNECTIONS COMM SUPPORT	-	-	-	-	-	7,400	0%
70-44	DOVER INTERFAITH MINISTRY	-	-	-	-	-	27,000	0%
70-59	MHDC EMERGENCY HOME REPAIR	-	-	-	-	-	35,300	0%
70-63	HABITAT FOR HUMANITY	-	-	-	-	-	40,000	0%
70-66	MILFORD HOUSING H/O REHAB	-	-	-	-	-	52,900	0%
70-67	PEOPLE'S PLACE	-	-	-	-	-	6,800	0%
	CAPITAL OUTLAY	**-**	**-**	**-**	**-**	**-**	**265,400**	**0%**
	TOTAL EXPENDITURES	**$ 399,461**	**$ 422,085**	**$ 450,400**	**$ 534,000**	**$ 532,800**	**$ 546,800**	**2%**
	OPERATING BUDGET STATS	**$ 399,461**	**$ 422,085**	**$ 450,400**	**$ 534,000**	**$ 532,800**	**$ 546,800**	
	ACTUAL %OF OPER BUDGET	**87%**	**90%**	**90%**	**94%**	**94%**	**93%**	
	BUDGET % CHANGE	**6%**	**6%**	**7%**	**19%**	**0%**	**3%**	
	REVENUES							
	GENERAL FUND	$ 347,608	$ 381,722	$ 404,427	$ 500,300	$ 499,100	$ 510,800	
	CDBG GRANT	51,853	40,364	45,973	33,700	33,700	36,000	
	GOV. CAPITAL PROJECT FUND	-	-	-	-	-	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	4.5	4.5	5.0	6.0	6.0	6.0	
	PP/TEMP/COMMITTEES	14.0	14.0	14.0	14.0	14.0	14.0	

LIFE SAFETY
110-1600-531

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 132,521	$ 159,634	$ 168,537	$ 148,400	$ 150,600	$ 158,800	7%
10-12	OVERTIME	7,608	9,523	8,683	8,600	5,600	8,000	-7%
10-14	FICA TAXES	10,566	12,590	13,265	12,000	12,200	12,800	7%
10-15	HEALTH INSURANCE	17,776	20,314	18,636	23,900	23,900	25,700	8%
10-16	L I D INSURANCE	725	851	767	800	800	800	0%
10-17	WORKERS COMPENSATION	1,385	685	719	800	800	1,000	25%
10-19	PENSION	7,806	31,856	8,429	8,600	8,600	9,900	15%
10-20	OPEB	10,458	15,730	15,422	17,000	17,000	14,600	-14%
	PERSONNEL COSTS	**188,846**	**251,183**	**234,458**	**220,100**	**219,500**	**231,600**	**5%**
20-26	PROGRAM EXPENSES/SUPPLIES	445	-	14,053	3,200	1,400	-	-100%
20-29	UNIFORMS/UNIFORM ALLOW	577	912	450	600	600	300	-50%
20-31	BOOKS	259	-	-	-	-	-	0%
20-32	SECURITY/SAFETY MATERIALS	1,729	685	1,358	400	400	-	-100%
20-33	SMALL TOOLS	37	51	-	100	100	-	-100%
20-38	COMPUTER HARDWARE	2,980	-	2,033	2,600	2,500	-	-100%
	MATERIALS & SUPPLIES	**6,027**	**1,648**	**17,895**	**6,900**	**5,000**	**300**	**-96%**
30-21	TELEPHONE/FAX	3,830	2,546	1,871	2,100	2,100	1,900	-10%
30-27	SUBSCRIPTIONS AND DUES	985	1,296	1,166	1,300	1,400	1,300	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	420	3,648	391	1,500	3,000	1,500	0%
30-31	CONTRACTUAL SERVICES	239,569	253,900	244,463	245,000	245,000	245,000	0%
30-62	GASOLINE	6,137	5,655	3,959	3,500	3,500	3,000	-14%
30-67	RADIO REPAIRS/MAINTENANCE	1,722	-	639	300	300	600	100%
	ADMINISTRATIVE EXPENDITURES	**252,664**	**267,044**	**252,488**	**253,700**	**255,300**	**253,300**	**0%**
	OPERATING EXPENDITURES	**447,537**	**519,875**	**504,840**	**480,700**	**479,800**	**485,200**	**1%**
40-22	AUTOMOBILE/PURCHASE	-	-	-	55,700	55,700	29,500	-47%
	CAPITAL OUTLAY	**-**	**-**	**-**	**55,700**	**55,700**	**29,500**	**-47%**
	TOTAL EXPENDITURES	**$ 447,537**	**$ 519,875**	**$ 504,840**	**$ 536,400**	**$ 535,500**	**$ 514,700**	**-4%**
	OPERATING BUDGET STATS	**$ 447,537**	**$ 519,875**	**$ 504,840**	**$ 480,700**	**$ 479,800**	**$ 485,200**	
	ACTUAL % OF OPER BUDGET	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	
	BUDGET % CHANGE	**-10%**	**16%**	**-3%**	**-5%**	**0%**	**1%**	
	REVENUES							
	GENERAL FUND	$ 447,537	$ 519,875	$ 504,840	$ 480,700	$ 479,800	$ 485,200	
	GOV. CAPITAL PROJECT FUND	-	-	-	55,700	55,700	29,500	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	3.0	3.0	3.0	3.0	3.0	3.0	

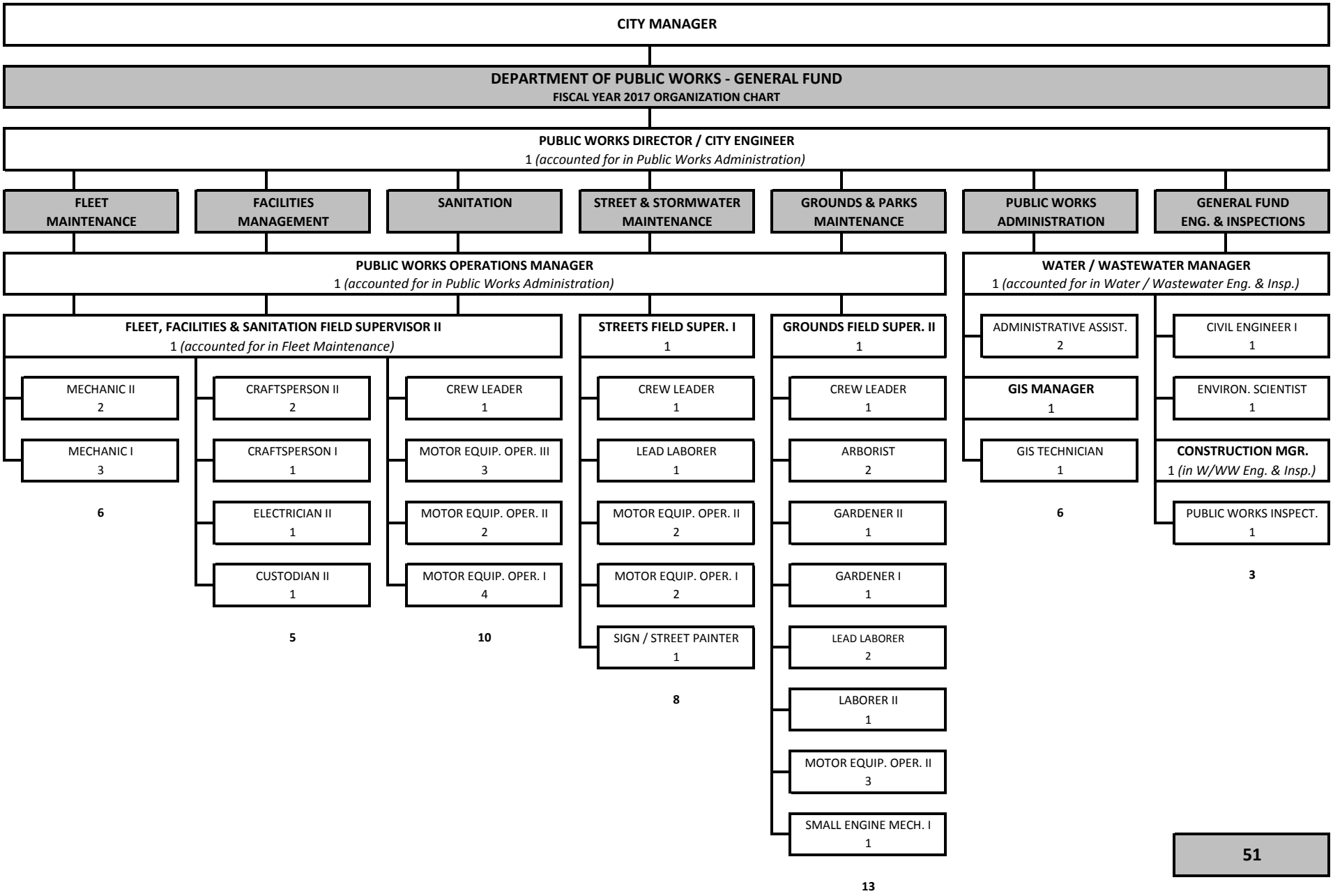
CODE ENFORCEMENT
110-1600-532

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 203,806	$ 230,998	$ 199,755	$ 215,200	$ 207,800	$ 222,700	3%
10-12	OVERTIME	2,918	1,179	1,891	5,000	5,000	2,500	-50%
10-13	TEMPORARY HELP	-	1,375	9,557	-	8,500	-	0%
10-14	FICA TAXES	15,425	17,257	15,385	16,800	16,900	17,200	2%
10-15	HEALTH INSURANCE	40,899	38,525	43,731	56,000	52,000	55,700	-1%
10-16	L I D INSURANCE	1,137	1,207	1,158	1,200	1,200	1,200	0%
10-17	WORKERS COMPENSATION	2,034	944	839	1,100	1,100	1,300	18%
10-18	EDUCATIONAL ASSISTANCE	-	-	-	-	3,600	-	0%
10-19	PENSION	9,683	68,495	62,830	64,600	59,600	74,100	15%
10-20	OPEB	17,581	22,545	23,581	25,600	25,600	21,600	-16%
	PERSONNEL COSTS	**293,483**	**382,526**	**358,727**	**385,500**	**381,300**	**396,300**	**3%**
20-22	OFFICE SUPPLIES	32	-	-	-	-	-	0%
20-26	PROGRAM EXPENSES/SUPPLIES	18,210	16,755	17,985	18,000	18,000	18,000	0%
20-29	UNIFORMS/UNIFORM ALLOW	3,628	1,380	1,216	1,100	1,100	300	-73%
20-31	BOOKS	-	379	177	-	-	-	0%
20-32	SECURITY/SAFETY MATERIALS	562	789	1,879	600	600	-	-100%
20-33	SMALL TOOLS	43	-	-	-	-	-	0%
20-38	COMPUTER HARDWARE	-	3,055	5,236	2,600	2,600	-	-100%
	MATERIALS & SUPPLIES	**22,475**	**22,358**	**26,493**	**22,300**	**22,300**	**18,300**	**-18%**
30-21	TELEPHONE/FAX	2,576	1,953	1,829	1,400	1,400	700	-50%
30-27	SUBSCRIPTIONS AND DUES	295	165	165	200	200	200	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	340	610	1,020	1,000	1,000	1,000	0%
30-31	CONTRACTUAL SERVICES	-	-	1,174	4,000	4,000	1,600	-60%
30-62	GASOLINE	5,006	5,219	3,453	5,000	2,500	3,000	-40%
30-67	RADIO REPAIRS/MAINTENANCE	2,262	-	-	-	-	-	0%
	ADMINISTRATIVE EXPENDITURES	**10,479**	**7,947**	**7,640**	**11,600**	**9,100**	**6,500**	**-44%**
	OPERATING EXPENDITURES	**326,437**	**412,830**	**392,859**	**419,400**	**412,700**	**421,100**	**0%**
40-22	AUTOMOBILES- PURCHASE	-	30,840	-	-	-	-	0%
	CAPITAL OUTLAY	**-**	**30,840**	**-**	**-**	**-**	**-**	**0%**
	TOTAL EXPENDITURES	**$ 326,437**	**$ 443,670**	**$ 392,859**	**$ 419,400**	**$ 412,700**	**$ 421,100**	**0%**
	OPERATING BUDGET STATS	**$ 326,437**	**$ 412,830**	**$ 392,859**	**$ 419,400**	**$ 412,700**	**$ 421,100**	
	ACTUAL % OF OPER BUDGET	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	
	BUDGET % CHANGE	**20%**	**26%**	**-5%**	**7%**	**-2%**	**2%**	
	REVENUES							
	GENERAL FUND	$ 326,437	$ 412,830	$ 392,859	$ 419,400	$ 412,700	$ 421,100	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	4.0	4.0	5.0	5.0	5.0	5.0	

INSPECTIONS
110-1600-534

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 250,047	$ 248,150	$ 264,356	$ 268,500	$ 272,200	$ 277,500	3%
10-12	OVERTIME	853	1,840	2,084	1,800	4,300	2,000	11%
10-13	TEMPORARY HELP	5,583	-	-	-	-	-	0%
10-14	FICA TAXES	19,139	18,235	19,344	20,700	21,000	21,400	3%
10-15	HEALTH INSURANCE	52,674	53,663	56,231	66,000	62,500	69,900	6%
10-16	L I D INSURANCE	1,435	1,354	1,351	1,100	1,100	1,200	9%
10-17	WORKERS COMPENSATION	2,174	845	896	1,100	1,100	1,400	27%
10-19	PENSION	12,809	70,321	69,660	71,300	72,300	103,300	45%
10-20	OPEB	21,609	26,219	30,544	32,000	32,000	26,900	-16%
	PERSONNEL COSTS	**366,324**	**420,625**	**444,465**	**462,500**	**466,500**	**503,600**	**9%**
20-22	OFFICE SUPPLIES	99	-	-	-	-	-	0%
20-26	PROGRAM EXPENSES/SUPPLIES	101	-	-	-	-	-	0%
20-29	UNIFORMS/UNIFORM ALLOW	660	530	512	500	500	200	-60%
20-31	BOOKS	-	1,869	494	-	300	2,000	0%
20-32	SECURITY/SAFETY MATERIALS	418	400	-	400	400	-	-100%
20-33	SMALL TOOLS	-	-	-	-	-	-	0%
20-38	COMPUTER HARDWARE	2,606	3,443	-	6,400	6,400	-	-100%
	MATERIALS & SUPPLIES	**3,884**	**6,242**	**1,006**	**7,300**	**7,600**	**2,200**	**-70%**
30-21	TELEPHONE/FAX	3,528	3,076	2,962	3,000	3,000	3,000	0%
30-27	SUBSCRIPTIONS AND DUES	666	380	668	600	600	600	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	413	903	704	800	800	1,000	25%
30-31	CONTRACTUAL SERVICES	40	3,993	4,528	7,500	7,500	6,000	-20%
30-33	DEMOLITION EXPENSES	103,820	216,980	120,005	175,000	256,500	175,000	0%
30-61	OFF EQUIP/REPAIRS & MAINT	3,029	3,014	2,356	3,000	1,500	3,000	0%
30-62	GASOLINE	6,520	5,366	4,785	5,000	5,000	3,500	-30%
30-67	RADIO REPAIRS/MAINTENANCE	5,678	-	-	-	-	-	0%
	ADMINISTRATIVE EXPENDITURES	**123,694**	**233,713**	**136,009**	**194,900**	**274,900**	**192,100**	**-1%**
	OPERATING EXPENSES	**493,902**	**660,580**	**581,480**	**664,700**	**749,000**	**697,900**	**5%**
	TOTAL EXPENDITURES	**$ 493,902**	**$ 660,580**	**$ 581,480**	**$ 664,700**	**$ 749,000**	**$ 697,900**	**5%**
	OPERATING BUDGET STATS	**$ 493,902**	**$ 660,580**	**$ 581,480**	**$ 664,700**	**$ 749,000**	**$ 697,900**	
	ACTUAL % OF OPER BUDGET	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	
	BUDGET % CHANGE	**-10%**	**34%**	**-12%**	**14%**	**13%**	**-7%**	
	REVENUES							
	GENERAL FUND	$ 493,902	$ 660,580	$ 581,480	$ 664,700	$ 749,000	$ 697,900	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	7.0	7.0	6.0	6.0	6.0	6.0	

FY 2017 ANNUAL OPERATING BUDGET - DOVER, DELAWARE



PUBLIC WORKS - ADMINISTRATION
110-2400-551

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 245,607	$ 298,489	$ 303,856	$ 354,200	$ 322,100	$ 371,000	5%
10-12	OVERTIME	541	-	-	-	-	-	0%
10-14	FICA TAXES	17,941	22,057	22,384	27,100	24,800	28,400	5%
10-15	HEALTH INSURANCE	40,150	44,652	44,817	62,900	60,700	74,500	18%
10-16	L I D INSURANCE	1,562	1,949	1,817	1,900	1,900	2,000	5%
10-17	WORKERS COMPENSATION	1,554	793	849	1,100	1,200	1,200	9%
10-19	PENSION	10,479	15,565	100,039	104,900	104,900	148,600	42%
10-20	OPEB	19,711	28,805	34,470	41,900	37,900	35,900	-14%
	PERSONNEL COSTS	**337,544**	**412,311**	**508,231**	**594,000**	**553,500**	**661,600**	**11%**
20-22	OFFICE SUPPLIES	2,923	3,492	3,060	3,500	3,500	3,500	0%
20-23	PRINTING AND DUPLICATING	1,549	2,819	1,928	3,000	3,000	3,000	0%
20-31	BOOKS	-	-	149	-	-	-	0%
20-32	SECURITY/SAFETY MATERIALS	125	-	-	-	-	-	0%
20-37	COMPUTER SOFTWARE	-	-	150	300	300	400	33%
20-38	COMPUTER HARDWARE	8,215	50	2,845	4,300	4,300	-	-100%
	MATERIALS & SUPPLIES	**12,812**	**6,361**	**8,131**	**11,100**	**11,100**	**6,900**	**-38%**
30-21	TELEPHONE/FAX	3,127	2,565	1,976	1,900	1,900	1,900	0%
30-27	SUBSCRIPTIONS AND DUES	-	240	955	7,000	1,000	4,400	-37%
30-28	TRAINING/CONF/FOOD/TRAVEL	-	3,149	2,217	4,500	4,500	4,000	-11%
30-31	CONTRACTUAL SERVICES	-	6,979	-	7,000	7,000	-	-100%
30-62	GASOLINE	2,432	412	786	600	600	500	-17%
30-67	RADIO REPAIRS/MAINTENANCE	4,203	408	639	700	700	700	0%
	ADMINISTRATIVE EXPENDITURES	**9,762**	**13,754**	**6,573**	**21,700**	**15,700**	**11,500**	**-47%**
	OPERATING EXPENDITURES	**360,118**	**432,425**	**522,935**	**626,800**	**580,300**	**680,000**	**8%**
	TOTAL EXPENDITURES	**$ 360,118**	**$ 432,425**	**$ 522,935**	**$ 626,800**	**$ 580,300**	**$ 680,000**	**8%**
	OPERATING BUDGET STATS	**$ 360,118**	**$ 432,425**	**$ 522,935**	**$ 626,800**	**$ 580,300**	**$ 680,000**	
	ACTUAL % OF OPER BUDGET	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	
	BUDGET % CHANGE	**8%**	**20%**	**21%**	**20%**	**-7%**	**17%**	
	REVENUES							
	GENERAL FUND	$ 360,118	$ 432,425	$ 522,935	$ 626,800	$ 580,300	$ 680,000	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	6.0	6.0	5.0	6.0	6.0	6.0	

PUBLIC WORKS ENGINEERING
110/147-2600-553

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ -	$ -	$ 16,344	$114,400	$116,400	$132,800	16%
10-12	OVERTIME	-	-	-	-	-	500	0%
10-14	FICA TAXES	-	-	1,211	8,700	8,700	10,200	17%
10-15	HEALTH INSURANCE	-	-	2,216	30,600	20,600	38,900	27%
10-16	L I D INSURANCE	-	-	121	900	900	900	0%
10-17	WORKERS COMPENSATION	-	-	67	400	400	400	0%
10-19	PENSION	-	-	792	6,800	6,800	7,100	4%
10-20	OPEB	-	-	1,720	13,600	13,600	12,800	-6%
	PERSONNEL COSTS	**-**	**-**	**22,470**	**175,400**	**167,400**	**203,600**	**16%**
20-29	UNIFORMS/UNIFORM ALLOW	-	-	192	200	200	200	0%
20-32	SECURITY/SAFETY MATERIALS	-	-	61	200	200	200	0%
20-33	SMALL TOOLS	-	-	95	100	100	100	0%
20-37	COMPUTER SOFTWARE	-	-	846	200	200	400	100%
20-38	COMPUTER HARDWARE	-	-	2,592	1,300	1,300	-	-100%
	MATERIALS & SUPPLIES	**-**	**-**	**3,785**	**2,000**	**2,000**	**900**	**-55%**
30-21	TELEPHONE/FAX	-	-	189	500	500	500	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	-	-	90	500	500	500	0%
30-31	CONTRACTUAL SERVICES	-	-	-	1,500	1,500	-	-100%
30-62	GASOLINE	-	-	462	1,500	1,500	1,500	0%
	ADMINISTRATIVE EXPENDITURES	**-**	**-**	**741**	**4,000**	**4,000**	**2,500**	**-38%**
	OPERATING EXPENDITURES	**-**	**-**	**26,996**	**181,400**	**173,400**	**207,000**	**14%**
	TOTAL EXPENDITURES	**$ -**	**$ -**	**$ 26,996**	**$ 181,400**	**$ 173,400**	**$ 207,000**	**14%**
	OPERATING BUDGET STATS	**$ -**	**$ -**	**$ 26,996**	**$ 181,400**	**$ 173,400**	**$ 207,000**	
	ACTUAL % OF OPER BUDGET	**0%**	**0%**	**100%**	**100%**	**100%**	**100%**	
	BUDGET % CHANGE	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	
	REVENUES							
	GENERAL FUND	$ -	$ -	$ 26,996	$ 181,400	$ 173,400	$ 207,000	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	-	-	3.0	3.0	3.0	3.0	

FACILITIES MANAGEMENT
110-2500-552

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 333,501	$ 255,857	$ 293,454	$ 295,700	$ 255,500	$ 235,600	-20%
10-12	OVERTIME	8,514	14,238	11,771	10,500	10,500	6,400	-39%
10-13	TEMPORARY HELP	-	10,793	-	-	-	-	0%
10-14	FICA TAXES	26,417	20,731	22,140	23,400	24,300	18,500	-21%
10-15	HEALTH INSURANCE	65,290	51,644	61,893	72,800	56,800	47,500	-35%
10-16	L I D INSURANCE	1,566	1,303	1,533	1,500	1,500	1,100	-27%
10-17	WORKERS COMPENSATION	13,880	9,278	10,114	12,300	12,700	12,200	-1%
10-19	PENSION	12,246	69,714	78,741	79,900	79,900	115,400	44%
10-20	OPEB	25,502	26,821	34,357	35,100	31,600	22,800	-35%
	PERSONNEL COSTS	**486,916**	**460,378**	**514,003**	**531,200**	**472,800**	**459,500**	**-13%**
20-25	CUSTODIAL	8,137	7,453	8,893	8,500	8,500	8,500	0%
20-29	UNIFORMS/UNIFORM ALLOW	2,628	2,429	3,371	2,900	2,900	2,300	-21%
20-32	SECURITY/SAFETY MATERIALS	16,790	7,254	109	200	200	200	0%
20-33	SMALL TOOLS	396	427	3,008	2,700	2,700	1,500	-44%
20-38	COMPUTER HARDWARE	-	-	1,092	300	300	-	-100%
20-46	CITY BLDG MAINT SUPPLIES	9,017	10,675	5,756	9,000	6,000	8,000	-11%
20-58	WATER/SEWER	1,645	1,618	1,309	1,700	1,700	1,700	0%
20-61	ELEC MATERIALS/SUPPLIES	1,434	2,607	2,158	2,200	2,200	2,200	0%
	MATERIALS & SUPPLIES	**40,046**	**32,462**	**25,696**	**27,500**	**24,500**	**24,400**	**-11%**
30-21	TELEPHONE/FAX	1,223	1,231	1,235	1,200	1,200	1,200	0%
30-23	ELECTRICITY	76,404	67,537	67,021	65,000	65,000	65,000	0%
30-24	HEATING OIL/GAS	2,250	1,095	8,379	6,400	6,400	6,400	0%
30-27	SUBSCRIPTIONS & DUES	-	-	-	100	100	100	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	-	185	130	100	100	100	0%
30-31	CONTRACTUAL SERVICES	22,500	66,471	67,191	66,500	117,600	47,000	-29%
30-62	GASOLINE	4,133	4,386	4,142	4,000	4,000	3,000	-25%
30-67	RADIO REPAIRS/MAINTENANCE	5,277	570	365	500	500	400	-20%
	ADMINISTRATIVE EXPENDITURES	**111,787**	**141,475**	**148,463**	**143,800**	**194,900**	**123,200**	**-14%**
	OPERATING EXPENDITURES	**638,748**	**634,315**	**688,162**	**702,500**	**692,200**	**607,100**	**-14%**
40-23	TRUCKS-PURCHASE	-	17,795	-	-	-	27,700	0%
40-25	OTHER EQUIP - PURCHASE	109,875	-	-	-	-	-	0%
	CAPITAL OUTLAY	**109,875**	**17,795**	**-**	**-**	**-**	**27,700**	**0%**
	TOTAL EXPENDITURES	**$ 748,623**	**$ 652,110**	**$ 688,162**	**$ 702,500**	**$ 692,200**	**$ 634,800**	**-10%**
	OPERATING BUDGET STATS	**$ 638,748**	**$ 634,315**	**$ 688,162**	**$ 702,500**	**$ 692,200**	**$ 607,100**	
	ACTUAL % OF OPER BUDGET	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	
	BUDGET % CHANGE	**-24%**	**-1%**	**8%**	**2%**	**-1%**	**-12%**	
	REVENUES							
	GENERAL FUND	$ 638,748	$ 634,315	$ 688,162	$ 702,500	$ 692,200	$ 607,100	
	GOV. CAPITAL PROJECT FUND	16,875	(75,205)	-	-	-	27,700	
	HOMELAND SECURITY GRANT	93,000	93,000	-	-	-	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	9.0	9.0	7.0	7.0	7.0	5.0	
	PP/TEMP	-	-	-	-	-	-	

FLEET MAINTENANCE
110-2800-572

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 232,542	$ 269,081	$ 271,621	$ 267,700	$ 267,700	$ 283,400	6%
10-12	OVERTIME	773	10,451	6,302	1,000	7,000	6,700	570%
10-14	FICA	17,075	20,298	20,430	20,500	20,500	22,200	8%
10-15	HEALTH INSURANCE	57,495	64,275	54,157	73,200	58,700	65,000	-11%
10-16	LID	1,140	1,367	1,339	1,500	1,500	1,500	0%
10-17	WORKERS COMPENSATION	9,455	9,233	9,203	10,800	10,800	14,500	34%
10-19	PENSION	11,792	66,730	51,801	48,300	48,300	45,700	-5%
10-20	OPEB	19,635	27,783	29,247	31,800	31,800	27,200	-14%
	PERSONNEL COSTS	**349,907**	**469,219**	**444,099**	**454,800**	**446,300**	**466,200**	**3%**
20-23	PRINTING AND DUPLICATING	-	101	-	-	-	-	0%
20-26	PROGRAM EXPENSES/SUPPLIES	269,763	287,716	322,924	275,000	275,000	275,000	0%
20-29	UNIFORMS/UNIFORM ALLOW	1,036	1,312	1,174	1,400	1,400	1,400	0%
20-31	BOOKS	399	599	489	600	600	600	0%
20-32	SECURITY/SAFETY MATERIALS	730	1,094	227	400	400	400	0%
20-33	SMALL TOOLS	883	1,658	1,491	17,000	17,000	15,000	-12%
20-37	COMPUTER SOFTWARE	1,389	5,781	4,921	6,200	6,200	5,100	-18%
20-38	COMPUTER HARDWARE	-	-	1,199	-	-	1,100	0%
20-46	CITY BLDG MAINT SUPPLIES	-	7,986	5,312	6,500	6,500	5,500	-15%
	MATERIALS & SUPPLIES	**274,200**	**306,247**	**337,737**	**307,100**	**307,100**	**304,100**	**-1%**
30-21	TELEPHONE/FAX	494	649	663	1,100	1,100	1,100	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	50	346	913	2,500	2,500	2,000	-20%
30-31	CONTRACTUAL SERVICES	-	24	-	500	500	500	0%
30-43	ENVIRONMENTAL EXPENSES	400	200	200	200	200	200	0%
30-62	GASOLINE	1,946	2,909	2,516	1,800	1,800	1,800	0%
30-67	RADIO REPAIRS/MAINTENANCE	3,689	491	371	500	500	400	-20%
	ADMINISTRATIVE EXPENDITURES	**6,580**	**4,619**	**4,663**	**6,600**	**6,600**	**6,000**	**-9%**
	OPERATING EXPENDITURES	**630,686**	**780,084**	**786,500**	**768,500**	**760,000**	**776,300**	**1%**
40-23	TRUCKS - PURCHASE	**-**	**-**	**-**	84,000	84,500	31,000	-63%
	CAPITAL OUTLAY	**-**	**-**	**-**	**84,000**	**84,500**	**31,000**	**-63%**
	TOTAL EXPENDITURES	**$ 630,686**	**$ 780,084**	**$ 786,500**	**$ 852,500**	**$ 844,500**	**$ 807,300**	**-5%**
	OPERATING BUDGET STATS	**$ 630,686**	**$ 780,084**	**$ 786,500**	**$ 768,500**	**$ 760,000**	**$ 776,300**	
	ACTUAL % OF OPER BUDGET	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	
	BUDGET % CHANGE	**-14%**	**24%**	**1%**	**-2%**	**-1%**	**2%**	
	REVENUES							
	GENERAL FUND	$ 630,686	$ 780,084	$ 786,500	$ 768,500	$ 760,000	$ 776,300	
	GOV. CAPITAL PROJECT FUND			-	84,000	84,500	31,000	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	6.0	6.0	6.0	6.0	6.0	6.0	

GROUNDS
110-1500-522

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 523,548	$ 443,450	$ 389,631	$ 495,300	$ 427,900	$ 495,400	0%
10-12	OVERTIME	10,147	15,057	12,002	8,300	13,300	12,200	47%
10-13	TEMPORARY HELP	-	-		-	-	-	0%
10-14	FICA TAXES	40,186	34,204	29,366	38,500	34,500	38,800	1%
10-15	HEALTH INSURANCE	109,647	79,607	90,268	148,400	128,400	165,000	11%
10-16	L I D INSURANCE	3,011	2,135	2,006	2,800	2,800	2,800	0%
10-17	WORKERS COMPENSATION	21,398	15,134	13,303	20,000	20,600	25,500	28%
10-18	EDUCATIONAL ASSISTANCE		-					0%
10-19	PENSION	24,355	183,267	138,898	152,300	132,300	165,900	9%
10-20	OPEB	45,640	40,196	45,042	57,900	52,900	47,800	-17%
	PERSONNEL COSTS	**777,930**	**813,049**	**720,515**	**923,500**	**812,700**	**953,400**	**3%**
20-21	FURNITURE/FIXTURES		-					0%
20-22	OFFICE SUPPLIES	-	-	-	-	-	-	0%
20-23	PRINTING AND DUPLICATING		-					0%
20-25	CUSTODIAL	235	285	199	300	300	300	0%
20-26	PROGRAM EXPENSES/SUPPLIES	40,882	32,194	35,906	41,000	41,000	41,000	0%
20-28	MEDICAL SUP & PHYSICALS	-	-	-	-	-	-	0%
20-29	UNIFORMS/UNIFORM ALLOW	3,021	2,245	2,705	3,200	3,200	3,400	6%
20-31	BOOKS		-					0%
20-32	SECURITY/SAFETY MATERIALS	2,725	2,634	1,527	1,800	1,800	1,600	-11%
20-33	SMALL TOOLS	2,945	3,135	2,159	3,000	3,000	3,000	0%
20-38	COMPUTER HARDWARE	-	-	-	400	400	-	-100%
20-44	SAND AND SALT	315	353	1,080	600	600	400	-33%
20-46	CITY BLDG MAINT SUPPLIES	322	35	498	800	800	500	-38%
20-58	WATER/SEWER	2,718	1,854	2,456	3,200	3,200	3,000	-6%
	MATERIALS & SUPPLIES	**53,163**	**42,736**	**46,530**	**54,300**	**54,300**	**53,200**	**-2%**
30-21	TELEPHONE/FAX	507	471	471	1,100	1,100	1,100	0%
30-23	ELECTRICITY	2,899	2,078	2,229	4,300	4,300	4,000	-7%
30-24	HEATING OIL/GAS	5,446	6,093	6,691	7,500	7,500	6,000	-20%
30-25	ADVERTISEMENT		-					0%
30-27	SUBSCRIPTIONS AND DUES	435	260	416	500	500	500	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	1,226	1,121	1,711	1,600	1,600	1,600	0%
30-31	CONTRACTUAL SERVICES	23,282	96,425	104,763	141,500	185,000	112,800	-20%
30-43	ENVIRONMENTAL EXPENSES	13,148	3,335	3,585	3,700	3,700	3,700	0%
30-44	AGENCY BILLING-TEMP HELP	20,507	22,040	26,794	31,000	31,000	31,000	0%
30-62	GASOLINE	32,037	29,384	23,626	25,000	15,000	18,000	-28%
30-65	MAINT EQUIP REPAIRS/MAINT	14,291	12,163	13,641	15,000	15,000	15,000	0%
30-67	RADIO REPAIRS/MAINTENANCE	16,618	1,979	1,186	1,300	1,300	1,000	-23%
	ADMINISTRATIVE EXPENDITURES	**130,396**	**175,349**	**185,113**	**232,500**	**266,000**	**194,700**	**-16%**
	OPERATING EXPENSES	**961,489**	**1,031,134**	**952,159**	**1,210,300**	**1,133,000**	**1,201,300**	**-1%**
40-23	TRUCKS - PURCHASE	39,157	-	65,947	94,900	96,100	31,200	-67%
40-24	MAINT EQUIP - PURCHASE	72,610	30,249	-	106,200	89,100	27,000	-75%
	CAPITAL OUTLAY	**111,767**	**30,249**	**65,947**	**201,100**	**185,200**	**58,200**	**-71%**
	TOTAL EXPENDITURES	**$ 1,073,256**	**$ 1,061,383**	**$ 1,018,106**	**$ 1,411,400**	**$ 1,318,200**	**$ 1,259,500**	**-11%**
	OPERATING BUDGET STATS	**$ 961,489**	**$ 1,031,134**	**$ 952,159**	**$ 1,210,300**	**$ 1,133,000**	**$ 1,201,300**	
	ACTUAL % OF OPER BUDGET	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	
	BUDGET % CHANGE	**0%**	**7%**	**-8%**	**27%**	**-6%**	**6%**	
	REVENUES							
	GENERAL FUND	$ 961,489	$ 1,031,134	$ 952,159	$ 1,210,300	$ 1,133,000	$ 1,201,300	
	GOV. CAPITAL PROJECT FUND	111,767	30,249	65,947	201,100	185,200	58,200	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	14.0	13.0	13.0	13.0	13.0	13.0	
	BUDGETED PART-TIME POSITIONS	-	-	1.0	-	-	-	

SANITATION
110-1800-555

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 365,463	$ 394,767	$ 409,168	$ 372,300	$ 374,000	$ 382,100	3%
10-12	OVERTIME	13,406	26,215	17,988	12,100	16,100	17,500	45%
10-14	FICA TAXES	28,287	31,054	31,619	29,400	30,700	30,500	4%
10-15	HEALTH INSURANCE	82,618	82,708	87,235	104,500	89,500	111,000	6%
10-16	L I D INSURANCE	2,074	2,062	2,206	1,800	1,800	1,700	-6%
10-17	WORKERS COMPENSATION	15,368	13,913	14,156	15,500	16,200	20,100	30%
10-19	PENSION	17,298	121,754	124,738	104,300	101,800	133,100	28%
10-20	OPEB	31,803	41,110	48,295	43,800	43,800	36,900	-16%
	PERSONNEL COSTS	**556,317**	**713,584**	**735,405**	**683,700**	**673,900**	**732,900**	**7%**
20-26	PROGRAM EXPENSES/SUPPLIES	11,476	20,586	29,843	20,000	23,000	20,000	0%
20-29	UNIFORMS/UNIFORM ALLOW	2,190	2,272	2,431	2,700	2,700	2,900	7%
20-32	SECURITY/SAFETY MATERIALS	1,983	2,496	910	1,000	1,000	1,000	0%
20-33	SMALL TOOLS	246	287	181	400	400	300	-25%
20-38	COMPUTER HARDWARE	-	-	-	400	400	-	-100%
20-46	CITY BLDG MAINT SUPPLIES	865	1,612	661	500	500	500	0%
	MATERIALS & SUPPLIES	**16,762**	**27,253**	**34,027**	**25,000**	**28,000**	**24,700**	**-1%**
30-21	TELEPHONE/FAX	468	571	508	300	300	300	0%
30-25	ADVERTISEMENT	453	673	673	700	700	700	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	40	610	1,975	100	100	100	0%
30-31	CONTRACTUAL SERVICES	1,215,190	1,252,670	1,278,757	1,306,600	1,306,600	1,157,800	-11%
30-43	ENVIRONMENTAL EXPENSES	5,837	1,951	1,607	5,000	5,000	5,000	0%
30-44	AGENCY BILLING-TEMP HELP	74,418	38,506	40,145	35,000	62,000	35,000	0%
30-62	GASOLINE	120,912	120,599	91,119	100,000	73,000	75,000	-25%
30-64	TRUCK REPAIRS/MAINTENANCE	-	(1,856)	-	-	-	-	0%
30-67	RADIO REPAIRS/MAINTENANCE	13,490	1,666	1,193	1,500	1,500	1,300	-13%
	ADMINISTRATIVE EXPENDITURES	**1,430,808**	**1,415,391**	**1,415,977**	**1,449,200**	**1,449,200**	**1,275,200**	**-12%**
	OPERATING EXPENSES	**2,003,887**	**2,156,228**	**2,185,408**	**2,157,900**	**2,151,100**	**2,032,800**	**-6%**
40-23	TRUCKS - PURCHASE	130,758	387,504	247,858	449,000	449,000	261,500	-42%
	CAPITAL OUTLAY	**130,758**	**387,504**	**247,858**	**449,000**	**449,000**	**261,500**	**-42%**
	TOTAL EXPENDITURES	**$ 2,134,645**	**$ 2,543,731**	**$ 2,433,267**	**$ 2,606,900**	**$ 2,600,100**	**$ 2,294,300**	**-12%**
	OPERATING BUDGET STATS	**$ 2,003,887**	**$ 2,156,228**	**$ 2,185,408**	**$ 2,157,900**	**$ 2,151,100**	**$ 2,032,800**	
	ACTUAL % OF OPER BUDGET	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	
	BUDGET % CHANGE	**-4%**	**8%**	**1%**	**-1%**	**0%**	**-5%**	
	REVENUES							
	GENERAL FUND	$ 2,003,887	$ 2,156,228	$ 2,185,408	$ 2,157,900	$ 2,151,100	$ 2,032,800	
	GOV. CAPITAL PROJECT FUND	130,758	387,504	247,858	449,000	449,000	261,500	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	11.0	11.0	11.0	10.0	10.0	10.0	

STREET
110-1800-554

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 363,352	$ 241,483	$ 221,369	$ 287,200	$ 263,000	$ 308,500	7%
10-12	OVERTIME	4,465	10,867	7,574	4,100	8,100	7,900	93%
10-14	FICA TAXES	28,166	18,354	16,404	22,300	22,400	24,200	9%
10-15	HEALTH INSURANCE	74,415	64,580	65,653	101,900	81,900	118,700	16%
10-16	L I D INSURANCE	1,905	1,329	1,267	1,600	1,600	1,800	13%
10-17	WORKERS COMPENSATION	11,630	8,013	7,578	11,700	11,700	15,900	36%
10-18	EDUCATIONAL ASSISTANCE	1,687	570	-	-	-	-	0%
10-19	PENSION	15,679	70,123	52,677	46,400	46,400	82,200	77%
10-20	OPEB	27,945	24,877	25,908	34,100	31,600	29,800	-13%
	PERSONNEL COSTS	**529,244**	**440,197**	**398,432**	**509,300**	**466,700**	**589,000**	**16%**
20-26	PROGRAM EXPENSES/SUPPLIES	31,104	23,701	858	35,000	15,000	186,900	434%
20-29	UNIFORMS/UNIFORM ALLOW	2,148	2,080	1,634	2,100	2,100	2,000	-5%
20-32	SECURITY/SAFETY MATERIALS	2,039	2,252	1,117	2,000	2,000	1,500	-25%
20-33	SMALL TOOLS	2,433	2,810	2,341	2,500	2,500	2,500	0%
20-38	COMPUTER HARDWARE	-	-	-	400	400	1,100	175%
20-41	STREET REPAIRING MATERIAL	7,171	9,385	11,631	10,000	10,000	10,000	0%
20-42	STREET CLEANING SUPPLIES	2,514	1,887	2,357	3,000	3,000	3,000	0%
20-43	STREET SIGNS/MARKING	22,037	15,367	17,323	16,000	16,000	16,000	0%
20-44	SAND AND SALT	6,593	23,484	20,559	10,000	10,000	13,800	38%
20-46	CITY BLDG MAINT SUPPLIES	10,137	279	50	200	200	200	0%
20-62	STORM SEWER SUPPLIES	-	2,910	8,373	10,000	10,000	10,000	0%
20-64	DITCH MAINTENANCE	26	11,862	56	-	-	-	0%
	MATERIALS & SUPPLIES	**86,202**	**96,017**	**66,299**	**91,200**	**71,200**	**247,000**	**171%**
30-21	TELEPHONE/FAX	461	451	518	800	800	800	0%
30-25	ADVERTISEMENT	792	495	670	700	700	700	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	8,790	2,327	680	100	100	100	0%
30-29	CONSULTING FEES	893	-	-	1,500	1,500	1,500	0%
30-31	CONTRACTUAL SERVICES	590	31,450	16,585	1,200	1,200	264,900	21975%
30-43	ENVIRONMENTAL EXPENSES	-	-	1,939	2,000	2,000	2,000	0%
30-44	AGENCY BILLING-TEMP HELP	4,294	13,867	16,951	15,000	25,000	15,000	0%
30-62	GASOLINE	48,443	52,640	39,391	46,000	30,000	38,000	-17%
30-65	MAINT EQUIP REPAIRS/MAINT	8,023	1,740	1,000	5,000	5,000	3,000	-40%
30-67	RADIO REPAIRS/MAINTENANCE	17,340	1,985	1,369	1,700	1,700	1,500	-12%
30-99	SNOW EMERGENCY	-	-	-	-	52,600	-	0%
	ADMINISTRATIVE EXPENDITURES	**89,624**	**104,953**	**79,101**	**74,000**	**120,600**	**327,500**	**343%**
	OPERATING EXPENDITURES	**705,071**	**641,167**	**543,832**	**674,500**	**658,500**	**1,163,500**	**72%**
40-23	TRUCKS - PURCHASE	16,704	138,789	170,086	38,500	46,000	-	-100%
40-25	OTHER EQUIPMENT PURCHASE	-	38,300	130,808	-	-	-	0%
40-31	CONSTRUCTION - PURCHASE	134,010	1,272,104	3,296,269	1,390,000	3,689,000	1,026,000	-26%
	CAPITAL OUTLAY	**150,714**	**1,449,193**	**3,597,163**	**1,428,500**	**3,735,000**	**1,026,000**	**-28%**
	TOTAL EXPENDITURES	**$ 855,785**	**$ 2,090,359**	**$ 4,140,995**	**$ 2,103,000**	**$ 4,393,500**	**$ 2,189,500**	**4%**
	OPERATING BUDGET STATS	**$ 705,071**	**$ 641,167**	**$ 543,832**	**$ 674,500**	**$ 658,500**	**$ 1,163,500**	
	ACTUAL % OF OPER BUDGET	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	
	BUDGET % OF CHANGE	**-19%**	**-9%**	**-15%**	**24%**	**-2%**	**77%**	
	REVENUES							
	GENERAL FUND	$ 705,071	$ 641,167	$ 543,832	$ 674,500	$ 658,500	$ 1,163,500	
	GOV. CAPITAL PROJECT FUND	150,714	1,449,193	3,597,163	1,428,500	3,735,000	1,026,000	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	10.0	8.0	8.0	8.0	8.0	8.0	

Public Utilities

- Public Works Water/ WasteWater
- Electric

WATER/WASTEWATER FUND

WATER/WASTEWATER FUND BUDGET REVIEW

Fiscal Year 2016-2017

May 2016 – Budget Review Hearing

Water/Wastewater Engineering

Personnel Costs	453,600	0%
Materials & Supplies	16,300	17%↑
Administrative Expenditures	46,600	7%↓
Overall Operating Expenses	**516,500**	**0%**
Capital Outlay	30,400	0%
Total Expenditures	**546,900**	**6%↑**

Highlights:

Materials & Supplies expenditures are increased by $2,400 for computer hardware and books.

Administrative expenditures are decreased by $2,500 for subscriptions and dues and $1,200 for gasoline.

Water Management

Personnel Costs	527,400	1%↓
Materials & Supplies	71,800	4%↑
Administrative Expenditures	56,200	23%↓
Overall Operating Expenses	**655,400**	**3%↓**
Capital Outlay	1,338,800	34%↓
Total Expenditures	**1,994,200**	**26%↓**

Highlights:

Personnel costs decreased as a result of lower OPEB costs.

Materials & Supplies increased by $2,800 due to increases in medical supplies and computer hardware.

Administrative Expenditures decreased $16,600 for gasoline, training/conf./food/travel, contractual services, maintenance equip repairs and radio repairs/maintenance.

Capital Expenses decreased by $790,700 mainly due to the transfer of Water Treatment Plant Process Improvements to Water Treatment Plant Division. Capital Expenses increased $88,100 for vehicles and other equipment.

Wastewater Management

Personnel Costs	654,400	2%↑
Materials & Supplies	88,200	6%↑
Administrative Expenditures	219,800	9%↓
Overall Operating Expenses	**962,400**	**1%↓**
Capital Outlay	2,021,200	11%↑
Total Expenditures	**2,983,600**	**7%↑**

Highlights:

Personnel costs increased $30,100 due wages and worker's compensation with an offsetting decrease of $19,100 in OPEB, pension and overtime.

Materials & Supplies increased $3,500 in medical supplies and small increases for security/safety materials and computer hardware.

Administrative Expenses decreased $22,200 in gasoline, electricity, and radio repairs and maintenance.

Capital Expenses have increased by $199,100.

Water Treatment

Personnel Costs	1,040,100	3%↑
Materials & Supplies	159,800	10%↓
Administrative Expenditures	527,500	27%↓
Overall Operating Expenses	**1,727,400**	**10%↓**
Capital Outlay	1,200,000	0%
Total Expenditures	**2,927,400**	**53%↑**

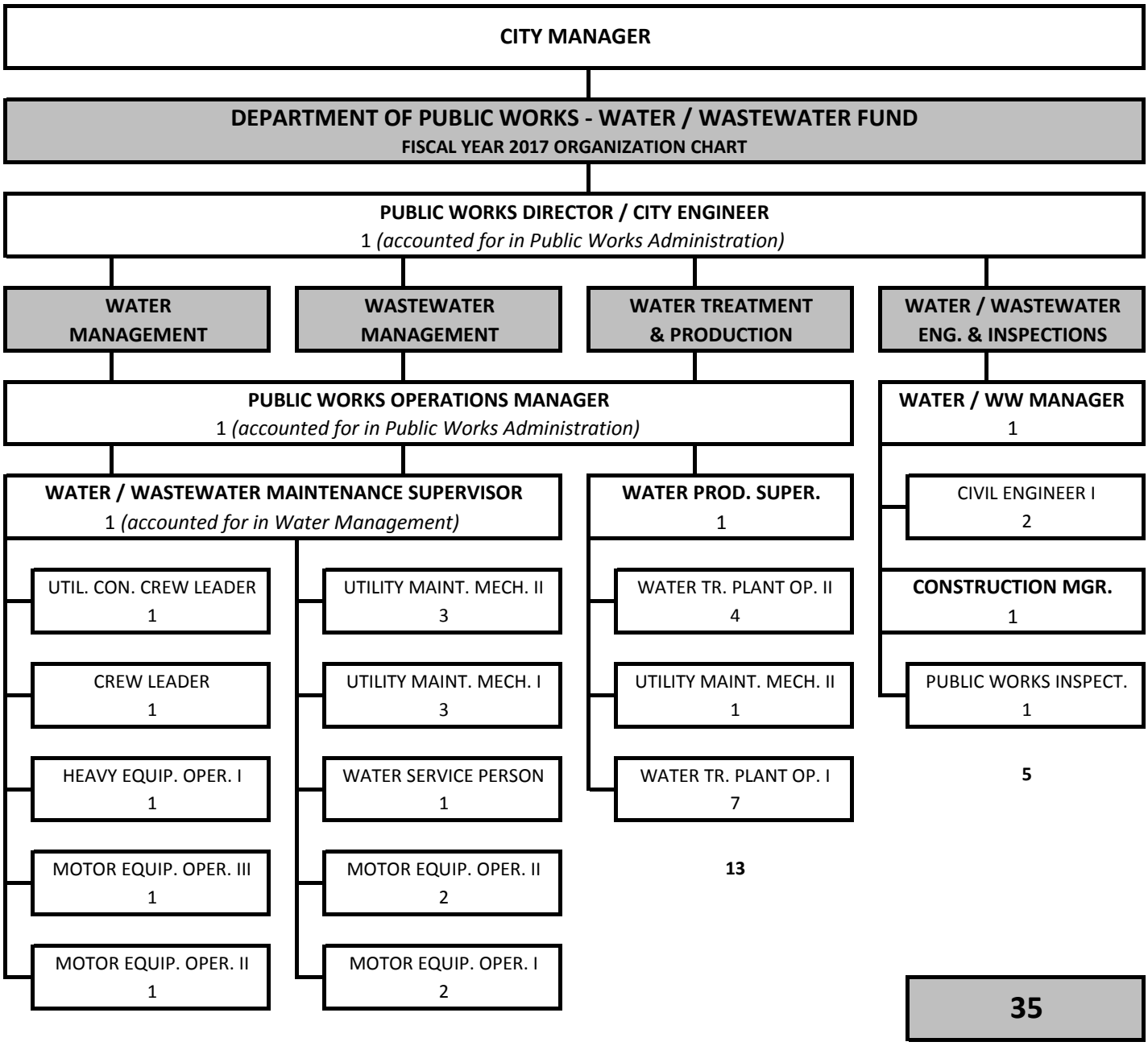
Highlights:

Personnel costs are increased for wages and benefit costs offset by a decrease in OPEB cost.

Materials & Supplies decreased by $20,000 for chemicals and additives due to decreased water demand from Garrison Energy Center and increased $2,700 in computer hardware.

Administrative Expenditures decreased $160,000 in electricity as a result of Calpine demand, $28,800 in contractual services and $2,000 in gasoline.

Capital Outlay increased $1,200,000 due to Water Treatment Plant Process Improvements incorrectly budgeted in Water Management last fiscal year.


CITY MANAGER
DEPARTMENT OF PUBLIC WORKS - WATER / WASTEWATER FUND
FISCAL YEAR 2017 ORGANIZATION CHART
PUBLIC WORKS DIRECTOR / CITY ENGINEER
1 (accounted for in Public Works Administration)
WATER MANAGEMENT
WASTEWATER MANAGEMENT
WATER TREATMENT & PRODUCTION
WATER / WASTEWATER ENG. & INSPECTIONS
PUBLIC WORKS OPERATIONS MANAGER
1 (accounted for in Public Works Administration)
WATER / WW MANAGER
1
WATER / WASTEWATER MAINTENANCE SUPERVISOR
1 (accounted for in Water Management)
WATER PROD. SUPER.
1
CIVIL ENGINEER I
2
UTIL. CON. CREW LEADER
1
UTILITY MAINT. MECH. II
3
WATER TR. PLANT OP. II
4
CONSTRUCTION MGR.
1
CREW LEADER
1
UTILITY MAINT. MECH. I
3
UTILITY MAINT. MECH. II
1
PUBLIC WORKS INSPECT.
1
HEAVY EQUIP. OPER. I
1
WATER SERVICE PERSON
1
WATER TR. PLANT OP. I
7
5
MOTOR EQUIP. OPER. III
1
MOTOR EQUIP. OPER. II
2
13
MOTOR EQUIP. OPER. II
1
MOTOR EQUIP. OPER. I
2
35
6
11

WATER/WASTEWATER ENGINEERING
412/417-2600-553

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 319,364	$ 243,209	$ 285,409	$ 303,400	$ 311,100	$ 311,800	3%
10-12	OVERTIME	949	927	943	800	800	1,000	25%
10-13	TEMPORARY HELP	-	10,244	-	-	-	-	0%
10-14	FICA TAXES	23,723	18,781	21,158	23,300	23,600	23,900	3%
10-15	HEALTH INSURANCE	48,610	39,707	42,421	52,400	52,400	52,000	-1%
10-16	L I D INSURANCE	1,818	1,341	1,468	1,900	1,900	1,900	0%
10-17	WORKERS COMPENSATION	2,694	896	1,003	1,200	1,200	1,300	8%
10-19	PENSION	14,684	67,034	43,909	45,400	45,400	49,900	10%
10-20	OPEB	18,007	16,159	15,163	25,300	20,300	11,800	-53%
	PERSONNEL COSTS	**429,849**	**398,297**	**411,473**	**453,700**	**456,700**	**453,600**	**0%**
20-22	OFFICE SUPPLIES	861	2,522	3,818	2,700	2,700	2,700	0%
20-29	UNIFORMS/UNIFORM ALLOW	38	-	300	200	200	200	0%
20-31	BOOKS	155	-	420	400	400	800	100%
20-32	SECURITY/SAFETY MATERIALS	947	806	244	300	300	300	0%
20-33	SMALL TOOLS	-	40	56	100	100	100	0%
20-37	COMPUTER SOFTWARE	7,920	8,116	11,818	9,800	9,800	9,800	0%
20-38	COMPUTER HARDWARE	-	-	1,296	400	400	2,400	500%
	MATERIALS & SUPPLIES	**9,920**	**11,484**	**17,952**	**13,900**	**13,900**	**16,300**	**17%**
30-21	TELEPHONE/FAX	766	1,342	1,138	1,400	1,400	1,700	21%
30-27	SUBSCRIPTIONS AND DUES	1,332	1,116	540	6,600	6,600	4,100	-38%
30-28	TRAINING/CONF/FOOD/TRAVEL	50	2,398	1,147	900	900	1,100	22%
30-31	CONTRACTUAL SERVICES	33,678	34,964	30,696	35,000	35,000	35,000	0%
30-39	IN-HOUSE TRAINING	650	2,825	1,575	1,500	1,500	1,500	0%
30-62	GASOLINE	5,946	6,138	3,820	4,000	4,000	2,800	-30%
30-67	RADIO REPAIRS/MAINTENANCE	4,523	408	365	500	500	400	-20%
	ADMINISTRATIVE EXPENDITURES	**46,945**	**49,192**	**39,281**	**49,900**	**49,900**	**46,600**	**-7%**
	OPERATING EXPENDITURES	**486,714**	**458,973**	**468,706**	**517,500**	**520,500**	**516,500**	**0%**
40-23	TRUCKS - PURCHASE	29,208	-	-	-	-	30,400	0%
	CAPITAL OUTLAY	**29,208**	**-**	**-**	**-**	**-**	**30,400**	**0%**
	TOTAL EXPENDITURES	**$ 515,922**	**$ 458,973**	**$ 468,706**	**$ 517,500**	**$ 520,500**	**$ 546,900**	**6%**
	OPERATING BUDGET STATS	**$ 486,714**	**$ 458,973**	**$ 468,706**	**$ 517,500**	**$ 520,500**	**$ 516,500**	
	ACTUAL % OF OPER BUDGET	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	
	BUDGET % CHANGE	**-4%**	**-6%**	**2%**	**10%**	**1%**	**-1%**	
	REVENUES							
	WATER/WASTEWATER FUND	$ 486,714	$ 458,973	$ 468,706	$ 517,500	$ 520,500	$ 516,500	
	WATER/WASTEWATER I & E FUND	29,208	-	-	-	-	30,400	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	6.0	6.0	5.0	5.0	5.0	5.0	

WATER MANAGEMENT
412/417-6800-568

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 146,288	$ 187,126	$ 154,580	$ 279,700	$ 284,000	$ 289,200	3%
10-12	OVERTIME	7,354	11,755	8,632	13,400	14,700	12,000	-10%
10-14	FICA TAXES	11,138	14,772	11,981	22,400	22,700	23,000	3%
10-15	HEALTH INSURANCE	76,590	54,365	39,661	81,400	78,900	78,000	-4%
10-16	L I D INSURANCE	1,540	1,077	894	1,600	1,600	1,600	0%
10-17	WORKERS COMPENSATION	6,156	6,568	5,408	11,800	12,000	15,200	29%
10-19	PENSION	6,787	67,879	46,449	98,300	98,300	97,700	-1%
10-20	OPEB	18,163	15,533	12,515	22,900	22,900	10,700	-53%
	PERSONNEL COSTS	**274,016**	**359,076**	**280,120**	**531,500**	**535,100**	**527,400**	**-1%**
20-28	MEDICAL SUP & PHYSICALS	100	100	515	600	600	2,500	317%
20-29	UNIFORMS/UNIFORM ALLOW	609	783	593	1,400	1,400	1,400	0%
20-32	SECURITY/SAFETY MATERIALS	727	970	123	1,300	1,300	1,300	0%
20-33	SMALL TOOLS	7,215	6,125	6,220	5,500	5,500	5,500	0%
20-38	COMPUTER HARDWARE	-	-	-	200	200	1,100	450%
20-46	CITY BLDG MAINT SUPPLIES	4	-	-	-	-	-	0%
20-51	WATER/SEWER SYSTEM SUP	49,200	50,297	65,653	50,000	50,000	50,000	0%
20-53	METERS/METER SUPPLIES	11,901	9,928	9,427	10,000	10,000	10,000	0%
20-54	PUMPING STATION SUPPLIES	-	130	-	-	-	-	0%
	MATERIALS & SUPPLIES	**69,755**	**68,332**	**82,531**	**69,000**	**69,000**	**71,800**	**4%**
30-21	TELEPHONE/FAX	4,126	3,907	4,067	4,000	4,000	4,000	0%
30-25	ADVERTISEMENT	2,340	2,478	2,562	2,500	2,500	2,500	0%
30-27	SUBSCRIPTIONS AND DUES	2,837	2,800	2,901	2,900	2,900	2,900	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	60	3,356	2,839	2,800	2,800	1,800	-36%
30-29	CONSULTING FEES	941	1,683	1,880	2,000	2,000	2,000	0%
30-31	CONTRACTUAL SERVICES	26,120	47,214	8,259	28,000	28,000	25,000	-11%
30-62	GASOLINE	19,772	19,877	15,466	28,000	16,000	16,000	-43%
30-64	TRUCK REPAIRS/MAINTENANCE	-	8	(1,668)	-	-	-	0%
30-65	MAINT EQUIP REPAIRS/MAINT	368	349	300	1,200	1,200	1,000	-17%
30-67	RADIO REPAIRS/MAINTENANCE	15,366	817	274	1,400	1,400	1,000	-29%
	ADMINISTRATIVE EXPENDITURES	**71,929**	**82,489**	**36,880**	**72,800**	**60,800**	**56,200**	**-23%**
	OPERATING EXPENDITURES	**415,700**	**509,897**	**399,530**	**673,300**	**664,900**	**655,400**	**-3%**
40-23	TRUCKS - PURCHASE	153,036	26,780	-	44,100	104,000	132,200	200%
40-25	OTHER EQUIP - PURCHASE	19,128	-	-	-	-	200,000	0%
40-31	CONSTRUCTION - PURCHASE	915,012	1,341,979	3,392,546	1,984,500	5,338,600	993,800	-50%
40-34	WATER LINES	67,675	-	-	-	-	-	0%
	CAPITAL OUTLAY	**1,154,852**	**1,368,759**	**3,392,546**	**2,028,600**	**5,442,600**	**1,338,800**	**-34%**
	TOTAL EXPENDITURES	**$ 1,570,552**	**$ 1,878,655**	**$ 3,792,076**	**$ 2,701,900**	**$ 6,107,500**	**$ 1,994,200**	**-26%**
	OPERATING BUDGET STATS	**$ 415,700**	**$ 509,897**	**$ 399,530**	**$ 673,300**	**$ 664,900**	**$ 655,400**	
	ACTUAL % OF OPER BUDGET	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	
	BUDGET % CHANGE	**5%**	**23%**	**-22%**	**69%**	**-1%**	**-1%**	
	REVENUES							
	WATER/WASTEWATER FUND	$ 415,700	$ 509,897	$ 399,530	$ 673,300	$ 664,900	$ 655,400	
	WATER/WASTEWATER I & E FUND	1,154,852	1,368,759	3,392,546	2,028,600	5,442,600	1,338,800	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	5.0	5.0	4.0	6.0	6.0	6.0	

WASTE WATER MANAGEMENT
412/417-6900-569

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 304,371	$ 293,585	$ 324,631	$ 374,300	$ 299,300	$ 396,100	6%
10-12	OVERTIME	26,562	24,351	23,559	27,000	14,000	25,000	-7%
10-14	FICA TAXES	25,167	23,281	25,370	30,700	25,700	32,200	5%
10-15	HEALTH INSURANCE	26,303	61,170	72,166	121,300	91,300	123,000	1%
10-16	L I D INSURANCE	756	1,441	1,605	1,900	1,900	2,000	5%
10-17	WORKERS COMPENSATION	13,355	10,501	10,987	16,200	14,200	21,200	31%
10-19	PENSION	14,252	57,039	39,070	42,300	40,300	40,300	-5%
10-20	OPEB	10,078	22,987	25,897	29,700	25,700	14,600	-51%
	PERSONNEL COSTS	**420,845**	**494,353**	**523,286**	**643,400**	**512,400**	**654,400**	2%
20-28	MEDICAL SUP & PHYSICALS	88	75	-	700	700	4,200	500%
20-29	UNIFORMS/UNIFORM ALLOW	1,938	1,827	2,395	3,000	3,000	3,000	0%
20-32	SECURITY/SAFETY MATERIALS	2,591	2,725	1,630	3,000	3,000	3,600	20%
20-33	SMALL TOOLS	2,723	5,083	4,072	5,000	5,000	5,000	0%
20-35	CHEMICALS & ADDITIVES	2,117	2,734	-	2,000	2,000	2,000	0%
20-37	COMPUTER SOFTWARE	3,600	3,600	3,600	3,600	3,600	3,600	0%
20-38	COMPUTER HARDWARE	-	-	-	200	200	1,100	450%
20-46	CITY BLDG MAINT SUPPLIES	300	308	46	500	500	500	0%
20-51	WATER/SEWER SYSTEM SUP	9,510	13,768	17,202	16,000	16,000	16,000	0%
20-53	METERS/METER SUPPLIES	11,952	9,676	9,987	10,000	10,000	10,000	0%
20-54	PUMPING STATION SUPPLIES	36,851	37,244	20,553	38,000	38,000	38,000	0%
20-58	WATER/SEWER	997	970	1,741	1,200	1,200	1,200	0%
	MATERIALS & SUPPLIES	**72,667**	**78,011**	**61,225**	**83,200**	**83,200**	**88,200**	**6%**
30-21	TELEPHONE/FAX	4,126	3,970	4,030	4,000	4,000	4,000	0%
30-23	ELECTRICITY	171,042	155,493	134,248	155,000	148,000	145,000	-6%
30-24	HEATING OIL/GAS	-	-	3,065	-	-	-	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	61	7,020	498	100	100	100	0%
30-29	CONSULTING FEES	-	2,256	322	2,000	2,000	2,000	0%
30-31	CONTRACTUAL SERVICES	90,298	140,589	41,572	52,500	52,500	52,500	0%
30-62	GASOLINE	30,840	28,010	22,130	27,000	15,000	15,000	-44%
30-64	TRUCK REPAIRS/MAINTENANCE	4	54	(1,668)	-	-	-	0%
30-65	MAINT EQUIP REPAIRS/MAINT	5,803	2,080	1,167	600	600	600	0%
30-67	RADIO REPAIRS/MAINTENANCE	6,865	1,551	649	800	800	600	-25%
	ADMINISTRATIVE EXPENDITURES	**309,039**	**341,024**	**206,013**	**242,000**	**223,000**	**219,800**	**-9%**
	OPERATING EXPENDITURES	**802,551**	**913,389**	**790,525**	**968,600**	**818,600**	**962,400**	**-1%**
40-23	TRUCKS - PURCHASE	234,994	26,780	-	-	245,900	-	0%
40-24	MAINT EQUIP REPAIRS/MAINT	-	-	-	59,600	59,600	47,200	-21%
40-25	OTHER EQUIPMENT	19,128	9,330	-	-	-	200,000	0%
40-31	CONSTRUCTION - PURCHASE	1,561,447	698,929	4,277,921	1,762,500	4,993,600	1,774,000	1%
40-35	SEWER LINES	-	-	-	-	-	-	0%
	CAPITAL OUTLAY	**1,815,569**	**735,039**	**4,277,921**	**1,822,100**	**5,299,100**	**2,021,200**	**11%**
	TOTAL EXPENDITURES	**$ 2,618,120**	**$ 1,648,428**	**$ 5,068,446**	**$ 2,790,700**	**$ 6,117,700**	**$ 2,983,600**	**7%**
	OPERATING BUDGET STATS	**$ 802,551**	**$ 913,389**	**$ 790,525**	**$ 968,600**	**$ 818,600**	**$ 962,400**	
	ACTUAL % OF OPER BUDGET	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	
	BUDGET % CHANGE	**-9%**	**14%**	**-13%**	**23%**	**-15%**	**18%**	
	REVENUES							
	WATER/WASTEWATER FUND	$ 802,551	$ 913,389	$ 790,525	$ 968,600	$ 818,600	$ 962,400	
	WATER/WASTEWATER I & E FUND	1,815,569	735,039	4,277,921	1,822,100	5,299,100	2,021,200	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	10.0	10.0	11.0	11.0	11.0	11.0	

WATER TREATMENT PLANT
412/417-7600-576

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 411,080	$ 450,665	$ 456,846	$ 576,500	$ 558,800	$ 589,400	2%
10-12	OVERTIME	34,107	24,591	26,750	32,300	49,300	30,000	-7%
10-14	FICA TAXES	32,751	34,229	34,787	46,500	47,000	47,400	2%
10-15	HEALTH INSURANCE	113,941	122,400	121,656	173,900	163,900	189,600	9%
10-16	L I D INSURANCE	2,272	2,395	2,441	3,100	3,100	3,200	3%
10-17	WORKERS COMPENSATION	18,052	15,697	16,044	24,600	24,900	31,200	27%
10-19	PENSION	20,019	127,835	114,908	112,600	124,600	127,100	13%
10-20	OPEB	28,426	36,227	37,429	45,100	45,100	22,200	-51%
	PERSONNEL COSTS	**660,649**	**814,038**	**810,861**	**1,014,600**	**1,016,700**	**1,040,100**	**3%**
20-23	PRINTING AND DUPLICATING	399	565	-	-	-	-	0%
20-25	CUSTODIAL	185	181	348	600	600	600	0%
20-29	UNIFORMS/UNIFORM ALLOW	3,316	2,704	3,266	5,100	5,100	5,100	0%
20-31	BOOKS	155	98	-	-	-	-	0%
20-32	SECURITY/SAFETY MATERIALS	4,056	3,030	1,815	2,000	2,000	2,000	0%
20-33	SMALL TOOLS	1,156	3,826	4,492	4,500	4,500	4,500	0%
20-35	CHEMICALS & ADDITIVES	107,414	106,699	111,699	150,000	135,000	130,000	-13%
20-38	COMPUTER HARDWARE	-	-	-	400	400	3,100	675%
20-46	CITY BLDG MAINT SUPPLIES	1,467	3,295	2,354	2,500	2,500	2,500	0%
20-49	WELL SUPPLIES/REHAB	12,041	10,982	8,645	12,000	12,000	12,000	0%
	MATERIALS & SUPPLIES	**130,189**	**131,381**	**132,618**	**177,100**	**162,100**	**159,800**	**-10%**
30-21	TELEPHONE/FAX	182	188	190	500	500	500	0%
30-23	ELECTRICITY	431,649	361,885	382,997	600,000	450,000	440,000	-27%
30-24	HEATING OIL/GAS	1,565	5,544	8,130	6,000	6,000	6,000	0%
30-25	ADVERTISEMENT	-	-	517	500	500	500	0%
30-27	SUBSCRIPTIONS AND DUES	400	500	400	700	700	700	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	180	180	412	700	700	700	0%
30-31	CONTRACTUAL SERVICES	147,493	156,908	99,030	88,600	88,600	59,800	-33%
30-62	GASOLINE	12,031	10,992	9,376	11,000	7,000	9,000	-18%
30-66	OTHER EQUIP REPAIRS/MAINT	1,558	7,357	7,350	10,000	10,000	10,000	0%
30-67	RADIO REPAIRS/MAINTENANCE	4,443	491	438	300	300	300	0%
	ADMINISTRATIVE EXPENDITURES	**599,501**	**544,046**	**508,839**	**718,300**	**564,300**	**527,500**	**-27%**
	OPERATING EXPENDITURES	**1,390,340**	**1,489,465**	**1,452,318**	**1,910,000**	**1,743,100**	**1,727,400**	**-10%**
40-23	TRUCKS - PURCHASE	29,208	-	33,771	-	-	-	0%
40-31	CONSTRUCTION PURCHASES	-	-	-	-	284,400	1,200,000	0%
	CAPITAL OUTLAY	**29,208**	**-**	**33,771**	**-**	**284,400**	**1,200,000**	**0%**
	TOTAL EXPENDITURES	**$ 1,419,548**	**$ 1,489,465**	**$ 1,486,089**	**$ 1,910,000**	**$ 2,027,500**	**$ 2,927,400**	**53%**
	OPERATING BUDGET STATS	**$ 1,390,340**	**$ 1,489,465**	**$ 1,452,318**	**$ 1,910,000**	**$ 1,743,100**	**$ 1,727,400**	
	ACTUAL % OF OPER BUDGET	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	
	BUDGET % CHANGE	**-4%**	**7%**	**-2%**	**32%**	**-9%**	**-1%**	
	REVENUES							
	WATER/WASTEWATER FUND	$ 1,390,340	$ 1,489,465	$ 1,452,318	$ 1,910,000	$ 1,743,100	$ 1,727,400	
	WATER/WASTEWATER I & E FUND	29,208	-	33,771	-	284,400	1,200,000	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	10.0	10.0	11.0	13.0	13.0	13.0	

ELECTRIC FUND

ELECTRIC FUND BUDGET REVIEW

Fiscal Year 2016-2017

May 2016 – Budget Review Hearing

Electric Administration

Personnel Costs	479,700	29%↑
Materials & Supplies	149,500	2%↑
Administrative Expenditures	300,500	6%↓
Overall Operating Expenses	**929,700**	**11%↑**

Highlights:

Personnel Costs increased due to the transfer from General Fund – Customer Service the Key Account position. Originally budgeted for in FY16. This position is currently being recruited.

Materials and Supplies increased $3,000 in city building maintenance supplies and a small decrease of $600 in computer hardware.

Administrative expenses increased by $29,400 for consulting fees and contractual services offset by a decrease of $50,000 in legal expenses.

Electric T&D

Personnel Costs	2,652,500	14%↓
Materials & Supplies	434,600	2%↓
Administrative Expenditures	518,600	6%↓
Overall Operating Expenses	**3,605,700**	**11%↓**
Capital Outlay	1,975,000	32%↓
Total Expenditures	**5,580,700**	**20%↓**

Highlights:

Personnel costs decreased $474,600 due to decrease in pension expense and OPEB of $466,400 and $8,200 in overtime. Increase of $53,900 wage increases and health insurance.

Materials & Supplies increased $10,000 in meters with an offsetting decrease of $18,400 in electric material/supplies and computer hardware.

Administrative Expenses decreased $33,800 in gasoline, training/travel, and environmental expenses.

Capital Outlay decreased $1,000,000 for New Developments and $397,600 for vehicles. Increased $450,000 for Public Works wetlands project and $25,000 in other equipment.

Electric Engineering

Personnel Costs	941,500	11%↓
Materials & Supplies	61,000	5%↓
Administrative Expenditures	245,400	15%↑
Overall Operating Expenses	**1,247,900**	**7%↓**
Capital Outlay	910,700	47%↓
Total Budget	**2,158,600**	**29%↓**

Highlights:

Personnel Costs decreased $117,000 related to lower pension and OPEB expenses.

Materials & Supplies decreased by $10,900 for electric materials/supplies and computer hardware and increased $7,600 for computer software.

Administrative Expenses increased by $39,200 for training/travel and contractual services and decreased $6,800 in gasoline, other equipment repairs and electricity.

Capital Outlay decreased $813,600 overall mainly due to reduction in distribution upgrades and 69 kV wire replacements.

Meter Reading

Personnel Costs	350,600	8%↑
Materials & Supplies	14,900	11%↓
Administrative Expenditures	13,100	28%↓
Overall Operating Expenses	**378,600**	**5%↑**

Highlights:

Personnel costs increased by $25,200 overall for an on-call employee to fill-in during absences and increased health insurance attributed to a budget miss of one employee's coverage in the prior year.

Materials and Supplies decreased by $2,200 for meter reading supplies, security/safety materials and furniture/fixtures offset by a small increase of $300 in uniforms. (Note – Percentage appears high because this is not a large budget.)

Administrative Expenses decreased $5,000 in gasoline and $200 in radio repairs and maintenance.

Systems Operations

Personnel Costs	651,700	4%↓
Materials & Supplies	0	0%
Overall Operating Expenses	**651,700**	**4%↓**

Highlights:

Personnel Costs related to overtime and health insurance increased. These items were offset by decreases in pension and OPEB cost.

Power Plant Operations

Personnel Costs	3,654,000	14%↓
Materials & Supplies	244,200	1%↑
Administrative Expenditures	2,317,500	20%↑
Overall Operating Expenditures	**6,215,700**	**3%↓**
Capital Outlay	1,842,800	11%↑
Total Expenditures	**8,058,500**	**0%**

Highlights:

Personnel Costs reflect a decrease attributed to contract changes in which the employee incentives are now included with the NAES incentive in a separate line item, as well as some personnel cost decrease as a result of retirements and personnel changes.

Materials & Supplies increased by $10,700 due to increases in security and safety materials, computer hardware and software, and city building maintenance expense offset by decreases totaling $9,000 in water treatment chemicals and uniform expense.

Administrative Expenses decreased by $385,300 mainly due to an increase of $564,400 in operator management fee and a decrease of $170,000 in operator incentive.

Capital Outlay increased $187,800 mainly due to the increase in vehicles and equipment.

Power Supply

65 Series Supply Mgmt and Incentive Fees	996,000	0%
95 Series Purchases, capacity, and PJM Charges	41,510,600	3%↑
98 Fuel	431,900	68%↓
Total Expenditures	**42,938,500**	**1%↑**

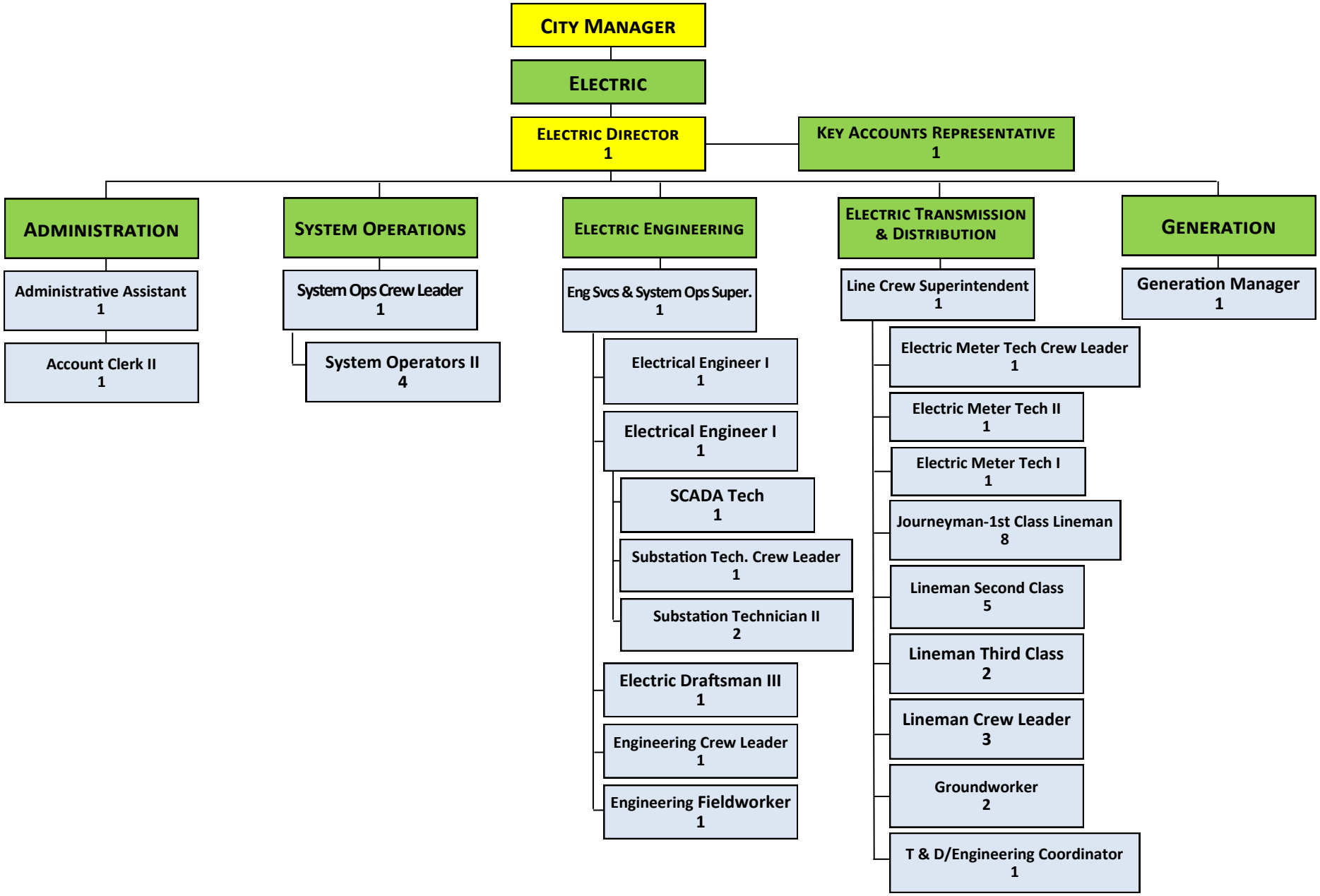
Highlights:

The budget includes power supply & risk management services, estimated power supply and fuel costs for Fiscal 2017.

Final Discussion and Wrap-Up

Electric Division

Fiscal Year 2017 Organizational Chart



POWER PLANT OPERATIONS
480/487-8101-591

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES & WAGES	$ 2,239,601	$ 2,221,763	$ 2,323,591	$ 2,558,900	$ 2,558,900	$ 2,400,400	-6%
10-12	OVERTIME	195,419	226,536	238,045	209,200	209,200	185,500	-11%
10-13	TEMPORARY HELP	20,992	14,067	-	-	-	-	0%
10-18	EDUCATIONAL ASSISTANCE	2,874	432	-	2,500	2,500	2,500	0%
10-22	INCENTIVE ACUMULATOR	284,203	264,297	83,860	337,500	-	-	-100%
10-23	INCENTIVE BURDEN (21.0%)	52,288	45,705	21,417	70,900	-	-	-100%
10-24	BURDEN @ 40%	689,526	698,720	729,739	1,080,900	1,080,900	1,065,600	-1%
	PERSONNEL COSTS	**3,484,903**	**3,471,521**	**3,396,652**	**4,259,900**	**3,851,500**	**3,654,000**	**-14%**
							-	
20-22	OFFICE SUPPLIES/SUBSCRIPT	11,083	6,876	7,099	7,000	7,000	7,000	0%
20-23	PRINTING & DUPLICATING	3,258	1,431	2,418	2,500	2,500	2,500	0%
20-25	JANITORIAL SERV/SUPPLIES	36,280	34,692	32,797	35,000	35,000	35,000	0%
20-28	MEDICAL SUPPLIES	-	1,789	2,117	2,400	2,400	2,400	0%
20-29	UNIFORMS/UNIFORM ALLOW	5,856	12,544	14,612	13,000	13,000	10,000	-23%
20-32	SECURITY/SAFETY MATERIALS	10,162	12,006	9,614	8,200	8,200	13,200	61%
20-33	SMALL TOOLS	1,385	2,116	1,029	1,900	1,900	1,900	0%
20-35	WATER TREATMENT CHEMICALS	33,093	26,817	26,059	37,900	37,900	31,900	-16%
20-37	COMPUTER SOFTWARE	13,010	5,945	10,238	8,800	8,800	9,100	3%
20-38	COMPUTER HARDWARE	7,260	6,536	11,585	4,300	4,300	4,700	9%
20-46	CITY BUILDING MAINTENANCE	18,382	23,923	36,580	37,500	37,500	42,500	13%
20-58	WATER/SEWER	62,523	82,777	117,349	84,000	84,000	84,000	0%
	MATERIALS & SUPPLIES	**202,291**	**217,451**	**271,497**	**242,500**	**242,500**	**244,200**	**1%**
30-19	OPERATOR INSURANCE	400,253	413,302	415,500	415,000	415,000	405,500	-2%
30-21	TELEPHONE	15,429	9,354	8,230	10,200	10,200	9,000	-12%
30-22	POSTAGE	13,483	9,878	9,170	9,000	9,000	9,000	0%
30-23	ELECTRICITY	584,726	604,747	748,178	550,000	550,000	550,000	0%
30-24	HEATING OIL/GAS	11,825	29,451	13,695	26,000	26,000	40,000	54%
30-28	TRAINING/CONF/FOOD/TRAVEL	49,591	36,719	56,799	68,000	68,000	66,500	-2%
30-31	CONTRACTUAL SERVICES	156,971	97,223	98,680	74,300	74,300	76,300	3%
30-43	ENVIRONMENT EXPENSES	58,856	146,170	94,960	109,700	109,700	104,000	-5%
30-45	OPERATOR MANAGEMENT FEE	203,484	207,552	211,908	216,900	797,400	781,300	260%
30-46	OPERATOR INCENTIVE	162,788	160,984	54,493	170,000	-	-	-100%
30-47	HOME OFFICE LABOR	91,795	60,372	95,275	63,900	10,100	15,000	-77%
30-51	RIGHT OF WAY/PERMITS	44,410	44,365	37,465	36,900	36,900	36,900	0%
30-62	GASOLINE	4,930	3,599	4,191	3,400	3,400	2,000	-41%
30-66	OTHER EQUIPT/MAINTENANCE	58,319	56,151	42,277	34,600	34,600	41,700	21%
30-67	RADIO REPAIRS/MAINTENANCE	700	2,461	4,080	6,500	6,500	6,500	0%
30-80	AUXILLARY SYSTEMS	39,528	62,328	47,573	43,600	43,600	44,600	2%
30-81	BOILER SYSTEMS	60,587	34,217	242,908	21,000	21,000	47,000	124%
30-82	CONTINUOUS EMISSIONS MONI	13,082	15,529	15,374	4,000	4,000	4,000	0%
30-83	DCS CONTROL SYSTEM	4,508	7,584	68	9,700	9,700	9,700	0%
30-84	FIRE PROTECTION SYSTEM	11,846	6,689	11,958	14,500	14,500	22,500	55%
30-85	COOLING TOWER	5,233	5,421	2,090	5,000	5,000	5,000	0%
30-86	FUEL OIL/GAS SYSTEMS	-	-	1,136	3,000	3,000	3,000	0%
30-87	COMBUSTION TURBINE MAINT	19,879	14,728	13,039	13,000	13,000	18,000	38%
30-88	POWER DISTRIBUTION SYSTEM	8,447	5,215	67,394	12,000	12,000	10,000	-17%
30-89	TURBINE GENERATOR SYSTEMS	11,221	6,911	4,194	12,000	12,000	10,000	-17%
	ADMINISTRATIVE EXPENDITURES	**2,031,889**	**2,040,950**	**2,300,635**	**1,932,200**	**2,288,900**	**2,317,500**	**20%**
	OPERATING EXPENDITURES	**5,719,083**	**5,729,922**	**5,968,784**	**6,434,600**	**6,382,900**	**6,215,700**	**-3%**
40-23	TRUCK - PURCHASES	-	-	-	-	-	65,800	
40-25	OTHER EQUIP-PURCHASE	-	80,370	-	-	-	59,000	0%
40-31	CONSTRUCTION-PURCHASE	929,027	1,466,647	1,899,229	1,655,000	2,299,800	1,718,000	4%
	CAPITAL OUTLAY	**929,027**	**1,547,017**	**1,899,229**	**1,655,000**	**2,299,800**	**1,842,800**	**11%**
	TOTAL EXPENDITURES	**$ 6,648,110**	**$ 7,276,939**	**$ 7,868,013**	**$ 8,089,600**	**$ 8,682,700**	**$ 8,058,500**	**0%**
	OPERATING BUDGET STATS	**$ 5,719,083**	**$ 5,729,922**	**$ 5,968,784**	**$ 6,434,600**	**$ 6,382,900**	**$ 6,215,700**	
	ACTUAL % of OPER BUDGET	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	
	BUDGET % CHANGE	**4%**	**0%**	**4%**	**8%**	**-1%**	**-3%**	
	REVENUES							
	ELECTRIC FUND - OPERATING	$ 5,719,083	$ 5,729,922	$ 5,968,784	$ 6,434,600	$ 6,382,900	$ 6,215,700	
	ELECTRIC I & E FUND - CIP	929,027	1,547,017	1,899,229	1,655,000	2,299,800	1,842,800	

POWER SUPPLY
480/487-8102-592

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
65-31	CONTRACTUAL SERVICES	$ 157,955	$ 28,074	$ 266,856	$ -	$ -	$ -	0%
65-44	OPERATOR/SUPPLY MGMT FEE	996,000	996,000	996,000	996,000	996,000	996,000	0%
	65 SERIES TOTAL	**1,153,955**	**1,024,074**	**1,262,856**	**996,000**	**996,000**	**996,000**	**0%**
95-48	3RD PARTY HEDGE PURCHASES	37,698,282	29,484,681	26,170,504	23,402,600	23,402,600	16,557,600	-29%
95-49	CAPACITY CHARGES	11,587,934	15,504,095	9,617,562	10,225,100	10,225,100	10,160,600	-1%
95-50	CAPACITY CREDITS	(14,318,588)	(15,065,472)	(8,706,981)	(10,472,100)	(10,472,100)	(7,355,100)	-30%
95-58	SOLAR POWER SUPPLY	1,595,826	1,821,037	1,976,577	2,313,900	2,313,900	2,313,900	0%
95-59	SOLAR RENEWAL ENERGY CREDIT	370,255	337,741	372,329	363,400	363,400	363,400	0%
95-60	REC'S (Renewable Energy Credits)	-	-	572,515	673,400	673,400	673,400	0%
95-90	PJM CHARGES - TRANS. & FEES	7,103,571	7,433,120	5,389,169	7,932,500	7,932,500	7,603,800	-4%
95-91	PJM CHARGES - ENERGY	6,024,702	14,855,117	8,681,190	7,966,100	7,966,100	12,357,900	55%
95-92	PJM CREDITS	(2,433,494)	(5,946,189)	(560,450)	(360,000)	(360,000)	(360,000)	0%
95-93	PJM SPOT MARKET ENERGY	-	(862,233)	(2,560,292)	(1,708,300)	(1,708,300)	(804,900)	-53%
	95 SERIES TOTAL	**47,628,490**	**47,561,896**	**40,952,122**	**40,336,600**	**40,336,600**	**41,510,600**	**3%**
98-90	RGGI (Regional Greenhouse Gas Init.)	-	-	59,670	175,000	175,000	129,300	-26%
98-91	GAS FUEL	1,023,574	1,534,434	1,129,932	1,167,300	1,167,300	302,600	-74%
98-92	FUEL OIL PURCH FOR INVENT	-	-	4,276	-	-	-	0%
98-93	NO. 2 FUEL OIL	-	1,180,850	535,166	-	-	-	0%
	98 SERIES TOTAL	**1,023,574**	**2,715,284**	**1,729,044**	**1,342,300**	**1,342,300**	**431,900**	**-68%**
	OPERATING EXPENDITURES	**49,806,020**	**51,301,254**	**43,944,022**	**42,674,900**	**42,674,900**	**42,938,500**	**1%**
	TOTAL EXPENDITURES	**$ 49,806,020**	**$ 51,301,254**	**$ 43,944,022**	**$ 42,674,900**	**$ 42,674,900**	**$ 42,938,500**	**1%**
	OPERATING BUDGET STATS	**$ 49,806,020**	**$ 51,301,254**	**$ 43,944,022**	**$ 42,674,900**	**$ 42,674,900**	**$ 42,938,500**	
	ACTUAL % OF OPER BUDGET	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	
	BUDGET % CHANGE	**-6%**	**3%**	**-14%**	**-3%**	**0%**	**1%**	
	REVENUES							
	ELECTRIC FUND	$ 49,806,020	$ 51,301,254	$ 43,944,022	$ 42,674,900	$ 42,674,900	$ 42,938,500	

ELECTRIC TRANSMISSION & DISTRIBUTION
480/487-8200-562

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 1,433,173	$ 1,354,491	$ 1,357,167	$ 1,539,100	$ 1,555,200	$ 1,562,500	2%
10-12	OVERTIME	172,288	110,376	111,864	115,000	115,000	106,800	-7%
10-14	FICA TAXES	120,210	109,291	108,478	126,500	127,700	127,700	1%
10-15	HEALTH INSURANCE	255,422	242,437	207,713	271,500	271,500	283,500	4%
10-16	L I D INSURANCE	6,106	5,610	5,751	6,400	6,400	6,400	0%
10-17	WORKERS COMPENSATION	65,087	48,348	48,663	66,800	67,500	84,100	26%
10-19	PENSION	64,874	923,539	736,737	836,100	454,800	451,200	-46%
10-20	OPEB	86,687	94,699	97,309	111,800	36,800	30,300	-73%
	PERSONNEL COSTS	**2,203,848**	**2,888,791**	**2,673,682**	**3,073,200**	**2,634,900**	**2,652,500**	**-14%**
20-26	PROGRAM EXPENSES/SUPPLIES	383	-	-	-	-	-	0%
20-29	UNIFORMS/UNIFORM ALLOW	24,177	24,680	36,916	23,000	23,000	23,000	0%
20-32	SECURITY/SAFETY MATERIALS	18,456	18,280	33,706	18,000	18,000	18,000	0%
20-33	SMALL TOOLS	24,415	26,712	23,615	25,000	25,000	25,000	0%
20-38	COMPUTER HARDWARE	2,500	1,655	8,855	12,700	12,700	12,000	-6%
20-53	METERS/METER SUPPLIES	15,211	13,611	13,897	14,000	14,000	24,000	71%
20-58	WATER/SEWER	693	1,479	405	300	300	300	0%
20-61	ELEC MATERIALS/SUPPLIES	375,087	267,025	296,235	350,000	350,000	332,300	-5%
	MATERIALS & SUPPLIES	**460,922**	**353,443**	**413,628**	**443,000**	**443,000**	**434,600**	**-2%**
30-21	TELEPHONE/FAX	1,236	1,025	922	1,400	1,400	1,400	0%
30-23	ELECTRICITY	533	454	424	600	600	600	0%
30-24	HEATING OIL/GAS	5,963	7,519	7,592	6,000	6,000	6,000	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	7,985	3,521	2,234	12,700	12,700	8,900	-30%
30-31	CONTRACTUAL SERVICES	413,599	422,675	420,025	410,900	410,900	410,900	0%
30-39	IN-HOUSE TRAINING	1,933	-	-	-	-	-	0%
30-43	ENVIRONMENTAL EXPENSES	30,065	22,728	31,184	30,000	30,000	28,000	-7%
30-51	RIGHT OF WAY	5,955	5,955	5,955	6,000	6,000	6,000	0%
30-62	GASOLINE	61,986	58,891	45,633	60,000	40,000	32,000	-47%
30-64	TRUCK REPAIRS/MAINTENANCE	15,640	15,927	15,350	15,000	15,000	15,000	0%
30-66	OTHER EQUIP REPAIRS/MAINT	7,572	6,661	6,708	7,500	7,500	7,500	0%
30-67	RADIO REPAIRS/MAINTENANCE	13,236	2,363	2,124	2,300	2,300	2,300	0%
	ADMINISTRATIVE EXPENDITURES	**565,703**	**547,720**	**538,151**	**552,400**	**532,400**	**518,600**	**-6%**
	OPERATING EXPENDITURES	**3,230,473**	**3,789,954**	**3,625,462**	**4,068,600**	**3,610,300**	**3,605,700**	**-11%**
40-23	TRUCKS - PURCHASE	145,718	7,421	397,581	387,600	397,600	-	-100%
40-25	OTHER EQUIP - PURCHASE	-	152,584	-	-	150,000	25,000	0%
40-31	CONSTRUCTION - PURCHASE	-	-	-	-	-	450,000	0%
60-31	UG TRANSFORMERS	163,528	52,766	115,481	500,000	568,600	500,000	0%
60-34	UG CONDUCTORS/DEVICES	805,707	239,859	712,852	1,900,000	2,295,600	900,000	-53%
60-46	METERS	68,651	14,514	7,917	100,000	113,100	100,000	0%
70-28	STREET LIGHT REPLACEMENT	-	-	-	-	-	-	0%
	CAPITAL OUTLAY	**1,183,603**	**467,144**	**1,233,831**	**2,887,600**	**3,524,900**	**1,975,000**	**-32%**
	TOTAL EXPENDITURES	**$ 4,414,076**	**$ 4,257,098**	**$ 4,859,293**	**$ 6,956,200**	**$ 7,135,200**	**$ 5,580,700**	**-20%**
	OPERATING BUDGET STATS	**$ 3,230,473**	**$ 3,789,954**	**$ 3,625,462**	**$ 4,068,600**	**$ 3,610,300**	**$ 3,605,700**	
	ACTUAL % OF OPER BUDGET	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	
	BUDGET % CHANGE	**9%**	**17%**	**-4%**	**12%**	**-11%**	**0%**	
	REVENUES							
	ELECTRIC FUND	$ 3,230,473	$ 3,789,954	$ 3,625,462	$ 4,068,600	$ 3,610,300	$ 3,605,700	
	ELECTRIC I & E FUND	1,183,603	467,144	1,233,831	2,887,600	3,524,900	1,975,000	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	24.0	24.0	24.0	24.0	24.0	24.0	

ELECTRIC ENGINEERING
480/487-8300-563

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 553,596	$ 571,424	$ 516,013	$ 637,700	$ 640,300	$ 616,000	-3%
10-12	OVERTIME	18,570	10,912	7,792	11,000	11,000	11,100	1%
10-13	TEMPORARY HELP	-	-	-	-	-	10,600	0%
10-14	FICA TAXES	42,299	42,926	38,038	49,600	49,800	48,000	-3%
10-15	HEALTH INSURANCE	100,730	100,431	97,662	136,500	136,500	124,100	-9%
10-16	L I D INSURANCE	2,708	2,508	2,125	3,100	3,100	2,800	-10%
10-17	WORKERS COMPENSATION	16,217	12,960	12,703	18,900	19,000	22,900	21%
10-18	EDUCATIONAL ASSISTANCE	-	2,108	4,250	-	-	-	0%
10-19	PENSION	28,691	264,224	160,382	155,200	95,300	93,900	-39%
10-20	OPEB	33,649	39,539	37,522	46,500	16,500	12,100	-74%
	PERSONNEL COSTS	**796,459**	**1,047,032**	**876,487**	**1,058,500**	**971,500**	**941,500**	**-11%**
20-29	UNIFORMS/UNIFORM ALLOW	6,602	7,015	11,305	7,000	7,000	7,000	0%
20-31	BOOKS	-	36	-	200	200	200	0%
20-32	SECURITY/SAFETY MATERIALS	4,029	4,452	6,057	4,600	4,600	4,600	0%
20-33	SMALL TOOLS	3,493	1,269	2,082	2,000	2,000	2,000	0%
20-37	COMPUTER SOFTWARE	230	-	10,095	3,000	3,000	10,600	253%
20-38	COMPUTER HARDWARE	2,297	-	4,010	3,500	3,500	2,600	-26%
20-61	ELEC MATERIALS/SUPPLIES	47,335	24,576	20,911	44,000	44,000	34,000	-23%
	MATERIALS & SUPPLIES	**63,986**	**37,348**	**54,461**	**64,300**	**64,300**	**61,000**	**-5%**
30-21	TELEPHONE/FAX	19,988	19,112	19,269	20,000	20,000	20,000	0%
30-23	ELECTRICITY	1,849	1,434	1,192	2,000	2,000	1,700	-15%
30-27	SUBSCRIPTIONS AND DUES	185	-	-	400	400	400	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	7,382	7,506	7,120	6,800	7,300	20,000	194%
30-31	CONTRACTUAL SERVICES	109,766	108,718	119,815	100,000	100,000	126,000	26%
30-39	IN-HOUSE TRAINING	2,055	-	-	-	-	-	0%
30-43	ENVIRONMENTAL EXPENSES	59,800	62,564	71,915	60,000	60,000	60,000	0%
30-61	OFF EQUIP/REPAIRS & MAINT	54	-	-	-	-	-	0%
30-62	GASOLINE	14,331	15,070	12,433	15,000	9,000	10,000	-33%
30-64	TRUCK REPAIRS/MAINTENANCE	-	-	-	-	-	-	0%
30-66	OTHER EQUIP REPAIRS/MAINT	14,165	12,119	2,598	7,500	7,500	6,000	-20%
30-67	RADIO REPAIRS/MAINTENANCE	8,293	1,161	913	1,300	1,300	1,300	0%
	ADMINISTRATIVE EXPENDITURES	**237,869**	**227,683**	**235,254**	**213,000**	**207,500**	**245,400**	**15%**
	OPERATING EXPENDITURES	**1,098,314**	**1,312,062**	**1,166,201**	**1,335,800**	**1,243,300**	**1,247,900**	**-7%**
40-22	AUTOMOBILES - PURCHASE	-	34,985	28,514	-	-	-	0%
40-23	TRUCKS - PURCHASE	-	-	-	-	-	33,200	0%
40-25	OTHER EQUIP - PURCHASE	-	8,200	-	30,000	30,000	35,000	17%
40-31	CONSTRUCTION - PURCHASE	-	-	-	201,800	201,800	167,500	-17%
50-55	MCKEE RUN SUBSTATION REPAIR	-	35,820	-	-	-	-	0%
50-76	LIGHTING IMPROVEMENTS	99,916	46,920	-	67,000	67,000	50,000	-25%
50-83	UG CABLE REPLACEMENT	-	-	-	50,000	135,000	-	-100%
50-85	WIRE REPLACEMENT 69KV	-	-	12,029	255,500	318,500	-	-100%
50-86	BATTERY BANK REPLACEMENT	-	23,185	10,875	-	-	-	0%
60-82	CAPICITOR INSTALLATIONS	125,053	31,484	-	50,000	50,000	50,000	0%
60-89	DAFB SUBSTATION UPGRADE	-	-	-	30,000	30,000	-	-100%
70-27	SUBSTATIONS	487,736	588,719	314,588	-	-	-	0%
70-35	TRANSMISSION/SWITCHES	73,938	17,374	30,421	75,000	1,182,200	75,000	0%
80-38	UPGRADE SCADA	-	-	-	-	-	150,000	0%
90-25	DISTRIBUTION UPGRADES	508,030	426,584	313,788	965,000	865,000	350,000	-64%
90-78	WHITEOAK 69KV REBUILD	-	-	141,526	-	408,500	-	0%
	CAPITAL OUTLAY	**1,294,674**	**1,213,271**	**851,741**	**1,724,300**	**3,288,000**	**910,700**	**-47%**
	TOTAL EXPENDITURES	**$ 2,392,988**	**$ 2,525,333**	**$ 2,017,942**	**$ 3,060,100**	**$ 4,531,300**	**$ 2,158,600**	**-29%**
	OPERATING BUDGET STATS	**$ 1,098,314**	**$ 1,312,062**	**$ 1,166,201**	**$ 1,335,800**	**$ 1,243,300**	**$ 1,247,900**	
	ACTUAL % OF OPER BUDGET	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	
	BUDGET % CHANGE	**11%**	**19%**	**-11%**	**15%**	**-7%**	**0%**	
	REVENUES							
	ELECTRIC FUND	$ 1,098,314	$ 1,312,062	$ 1,166,201	$ 1,335,800	$ 1,243,300	$ 1,247,900	
	ELECTRIC I & E FUND	1,294,674	1,213,271	851,741	1,724,300	3,288,000	910,700	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	10.0	10.0	10.0	10.0	10.0	10.0	

ELECTRIC ADMINISTRATION
480/487-8400-564

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 77,140	$ 83,844	$ 198,128	$ 250,900	$ 250,900	$ 346,700	38%
10-12	OVERTIME	2,021	-	91	2,000	2,000	-	-100%
10-14	FICA TAXES	5,983	6,134	14,613	19,300	19,300	26,500	37%
10-15	HEALTH INSURANCE	14,039	13,553	26,443	38,500	38,500	60,500	57%
10-16	L I D INSURANCE	533	533	1,140	1,300	1,300	1,800	38%
10-17	WORKERS COMPENSATION	415	173	415	800	800	1,100	38%
10-19	PENSION	2,914	33,894	35,736	39,700	26,400	33,000	-17%
10-20	OPEB	5,149	6,368	14,660	18,400	8,000	10,100	-45%
	PERSONNEL COSTS	**108,195**	**144,499**	**291,226**	**370,900**	**347,200**	**479,700**	**29%**
20-22	OFFICE SUPPLIES	1,071	997	1,109	1,000	1,000	1,000	0%
20-23	PRINTING AND DUPLICATING	8,744	7,073	10,568	9,000	9,000	9,000	0%
20-28	MEDICAL SUP & PHYSICALS	95	35	75	100	100	100	0%
20-37	COMPUTER SOFTWARE	-	-	100	200	200	200	0%
20-38	COMPUTER HARDWARE	-	-	1,295	2,600	2,600	2,000	-23%
20-46	CITY BLDG MAINT SUPPLIES	128,119	131,699	153,429	133,300	148,300	136,300	2%
20-58	WATER/SEWER	853	699	686	900	900	900	0%
	MATERIALS & SUPPLIES	**138,881**	**140,503**	**167,263**	**147,100**	**162,100**	**149,500**	**2%**
30-21	TELEPHONE/FAX	1,263	1,000	1,030	1,000	1,000	1,000	0%
30-23	ELECTRICITY	18,563	16,382	16,172	17,000	17,000	17,000	0%
30-27	SUBSCRIPTIONS AND DUES	66,158	67,127	37,018	67,300	67,300	67,300	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	947	-	43	2,500	2,000	2,500	0%
30-29	CONSULTING FEES	35,480	15,270	-	-	-	25,000	0%
30-31	CONTRACTUAL SERVICES	20,352	19,250	64,838	55,300	107,000	59,700	8%
30-32	LEGAL EXPENSES	-	143,365	32,045	175,000	175,000	125,000	-29%
30-35	COMMUNITY RELATIONS EXP	3,107	-	-	2,500	2,500	2,500	0%
30-62	GASOLINE	721	660	184	700	700	500	-29%
	ADMINISTRATIVE EXPENDITURES	**146,590**	**263,053**	**151,331**	**321,300**	**372,500**	**300,500**	**-6%**
	OPERATING EXPENDITURES	**393,666**	**548,055**	**609,819**	**839,300**	**881,800**	**929,700**	**11%**
	TOTAL EXPENDITURES	**$ 393,666**	**$ 548,055**	**$ 609,819**	**$ 839,300**	**$ 881,800**	**$ 929,700**	**11%**
	OPERATING BUDGET STATS	**$ 393,666**	**$ 548,055**	**$ 609,819**	**$ 839,300**	**$ 881,800**	**$ 929,700**	
	ACTUAL % OF OPER BUDGET	100%	100%	100%	100%	100%	100%	
	BUDGET % CHANGE	**-40%**	**39%**	**11%**	**38%**	**5%**	**5%**	
	REVENUES							
	ELECTRIC FUND	$ 393,666	$ 548,055	$ 609,819	$ 839,300	$ 881,800	$ 929,700	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	3.0	3.0	3.0	4.0	4.0	5.0	

METER READING
480/487-8500-565

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 125,654	$ 129,075	$ 174,207	$ 181,200	$ 183,000	$ 193,200	7%
10-12	OVERTIME	11,168	9,377	13,155	11,100	11,100	19,100	72%
10-13	TEMPORARY HELP	-	-	588	-	-	12,500	0%
10-14	FICA TAXES	10,183	10,177	13,711	14,700	14,800	17,200	17%
10-15	HEALTH INSURANCE	27,342	27,477	42,501	32,500	32,500	55,500	71%
10-16	L I D INSURANCE	758	758	909	900	900	1,000	11%
10-17	WORKERS COMPENSATION	5,548	4,564	6,121	5,800	5,900	8,000	38%
10-19	PENSION	6,333	68,813	79,494	66,100	37,800	40,400	-39%
10-20	OPEB	7,736	8,990	12,493	13,100	6,100	3,700	-72%
	PERSONNEL COSTS	**194,722**	**259,231**	**343,180**	**325,400**	**292,100**	**350,600**	**8%**
20-21	FURNITURE/FIXTURES	-	-	-	300	300	-	-100%
20-29	UNIFORMS/UNIFORM ALLOW	2,597	2,694	4,738	4,400	4,400	4,700	7%
20-32	SECURITY/SAFETY MATERIALS	340	400	-	500	500	100	-80%
20-33	SMALL TOOLS	-	-	5,445	6,100	6,100	6,100	0%
20-38	COMPUTER HARDWARE	1,401	-	-	-	-	-	0%
20-55	METER READING SUPPLIES	2,713	3,972	3,936	5,500	5,500	4,000	-27%
	MATERIALS & SUPPLIES	**7,050**	**7,066**	**14,119**	**16,800**	**16,800**	**14,900**	**-11%**
30-21	TELEPHONE/FAX	1,605	1,610	2,082	2,100	2,100	2,100	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	-	-	-	500	500	500	0%
30-62	GASOLINE	10,527	10,532	7,129	10,000	5,000	5,000	-50%
30-66	OTHER EQUIP REPAIRS/MAINT	5,106	5,463	5,057	5,300	5,300	5,300	0%
30-67	RADIO REPAIRS/MAINTENANCE	-	326	91	400	400	200	-50%
	ADMINISTRATIVE EXPENDITURES	**17,238**	**17,931**	**14,359**	**18,300**	**13,300**	**13,100**	**-28%**
	OPERATING EXPENDITURES	**219,010**	**284,229**	**371,658**	**360,500**	**322,200**	**378,600**	**5%**
40-23	TRUCKS - PURCHASE	-	-	-	-	-	41,800	0%
40-25	OTHER EQUIP - PURCHASE	-	-	-	-	23,000	-	0%
40-26	RADIO - PURCHASE	-	-	-	-	-	-	0%
	CAPITAL OUTLAY	**-**	**-**	**-**	**-**	**23,000**	**41,800**	0%
	TOTAL EXPENDITURES	**$ 219,010**	**$ 284,229**	**$ 371,658**	**$ 360,500**	**$ 345,200**	**$ 420,400**	**17%**
	OPERATING BUDGET STATS	**$ 219,010**	**$ 284,229**	**$ 371,658**	**$ 360,500**	**$ 322,200**	**$ 378,600**	
	ACTUAL % OF OPER BUDGET	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	
	BUDGET % CHANGE	**6%**	**30%**	**31%**	**-3%**	**-11%**	**18%**	
	REVENUES							
	ELECTRIC FUND	$ 219,010	$ 284,229	$ 371,658	$ 360,500	$ 322,200	$ 378,600	
	ELECTRIC I & E FUND	-	-	-	-	23,000	41,800	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	3.0	3.0	3.0	4.0	4.0	4.0	

SYSTEM OPERATIONS
480/487-8600-526

ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11	SALARIES	$ 336,359	$ 366,841	$ 349,537	$ 335,800	$ 343,700	$ 344,000	2%
10-12	OVERTIME	61,029	68,038	77,426	50,000	50,000	72,900	46%
10-14	FICA TAXES	29,061	31,760	30,967	29,500	30,100	31,900	8%
10-15	HEALTH INSURANCE	65,495	71,204	66,497	81,900	81,900	92,800	13%
10-16	L I D INSURANCE	1,356	1,356	1,356	1,300	1,300	1,300	0%
10-17	WORKERS COMPENSATION	13,366	11,575	11,631	15,600	15,900	21,000	35%
10-19	PENSION	16,773	164,302	141,706	141,200	79,300	81,000	-43%
10-20	OPEB	20,666	24,030	24,611	24,500	10,500	6,800	-72%
	PERSONNEL COSTS	**544,105**	**739,107**	**703,731**	**679,800**	**612,700**	**651,700**	**-4%**
20-32	SECURITY/SAFETY MATERIALS	300	300	(300)	-	-	-	0%
	MATERIALS & SUPPLIES	**300**	**300**	**(300)**	**-**	**-**	**-**	**0%**
	TOTAL EXPENDITURES	**$ 544,405**	**$ 739,407**	**$ 703,431**	**$ 679,800**	**$ 612,700**	**$ 651,700**	**-4%**
	OPERATING BUDGET STATS	**$ 544,405**	**$ 739,407**	**$ 703,431**	**$ 679,800**	**$ 612,700**	**$ 651,700**	
	ACTUAL % OF OPER BUDGET	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	
	BUDGET % CHANGE	**9%**	**36%**	**-5%**	**-3%**	**-10%**	**6%**	
	REVENUES							
	ELECTRIC FUND	$ 544,405	$ 739,407	$ 703,431	$ 679,800	$ 612,700	$ 651,700	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	5.0	5.0	5.0	5.0	5.0	5.0	

Other Funds

- Municipal Street Aid
- Realty Transfer Tax
- Workers' Compensation
- Community Transportation
- Library Grants
- Police Grants
- Electric Red Light Program
- CDBG
- Substance Abuse Prevent. Program

MUNICIPAL STREET AID FUND

CASH RECEIPTS

	2014/2015 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 PROPOSED	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	% CHG FY17 VS FY16
BEGINNING BALANCE	100	100	100	100	-	0.0%
STATE GRANT	664,194	564,200	673,100	673,100	108,900	0.0%
INTEREST EARNED	107	-	-	-	-	0.0%
TOTALS	**664,401**	**564,300**	**673,200**	**673,200**	**108,900**	**0.0%**

BUDGET SUMMARY

	2014/2015 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 PROPOSED	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	% CHG FY17 VS FY16
TRANSFER TO GENERAL FUND	664,266	564,200	673,100	673,100	108,900	0.0%
CURRENT YEAR BALANCE	135	100	100	100	-	0.0%
TOTALS	**664,401**	**564,300**	**673,200**	**100**	**(564,200)**	**0.0%**

ELECTRIC RED LIGHT PROGRAM

CASH RECEIPTS

	2014/2015 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 PROPOSED	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	% CHG FY17 VS FY16
BEGINNING BALANCE	100	-	100	100	100	0.0%
POLICE FINES	495,182	450,000	450,000	496,900	46,900	0.0%
TOTALS	**495,282**	**450,000**	**450,100**	**497,000**	**47,000**	**0.0%**

BUDGET SUMMARY

	2014/2015 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 PROPOSED	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	% CHG FY17 VS FY16
TRANSFER TO GENERAL FUND	495,182	450,000	450,000	496,900	46,900	0.0%
CURRENT YEAR BALANCE	100	-	100	100	100	0.0%
TOTALS	**495,282**	**450,000**	**450,100**	**497,000**	**47,000**	**0.0%**

REALTY TRANSFER TAX

CASH RECEIPTS

	2014/2015 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 PROPOSED	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	% CHG FY17 VS FY16
REALTY TRANSFER TAXES	1,713,505	1,340,000	1,340,000	1,672,700	332,700	0.0%
INTEREST EARNED	292	-	-	-	-	0.0%
TOTALS	**1,713,797**	**1,340,000**	**1,340,000**	**1,672,700**	**332,700**	**0.0%**

BUDGET SUMMARY

	2014/2015 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 PROPOSED	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	% CHG FY17 VS FY16
TRANSFER TO GENERAL FUND	1,713,788	1,340,000	1,340,000	1,672,700	332,700	0.0%
CURRENT YEAR BALANCE	9	-	-	-	-	0.0%
TOTALS	**1,713,797**	**1,340,000**	**1,340,000**	**1,672,700**	**332,700**	**0.0%**

WORKER'S COMPENSATION FUND 662

OPERATING REVENUES

	2014/2015 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 BUDGET	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	% CHANGE
BEGINNING BALANCE	1,123,247	1,052,600	1,248,200	1,256,300	203,700	19.4%
INTEREST INCOME	15,994	10,600	20,700	25,000	14,400	135.8%
PREMIUM FROM CITY	513,666	642,500	620,000	855,400	212,900	33.1%
MISCELLANEOUS REVENUE	12,595	-	9,400	-	-	0.0%
TOTALS	**1,665,502**	**1,705,700**	**1,898,300**	**2,136,700**	**431,000**	**25.3%**

OPERATING EXPENSES

	2014/2015 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 BUDGET	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	% CHANGE
PROGRAM EXPENSE - CLAIMS	269,762	475,000	475,000	475,000	-	0.0%
INSURANCE	102,766	103,900	103,900	105,500	1,600	1.5%
BANK FEES	1,284	1,300	-	-	(1,300)	-100.0%
STATE OF DEL - SELF INSURANCE TAX	34,966	37,000	38,100	39,000	2,000	5.4%
CONTRACTUAL SERVICES	8,560	25,000	25,000	25,000	-	0.0%
TOTAL EXPENSES	**417,338**	**642,200**	**642,000**	**644,500**	**200**	**0.4%**
CURRENT YEAR BALANCE	1,248,164	1,063,500	1,256,300	1,492,200	428,700	40.3%
TOTALS	**1,665,502**	**1,705,700**	**1,898,300**	**2,136,700**	**431,000**	**25.3%**

COMMUNITY TRANSPORTATION IMPROVEMENT FUND

OPERATING REVENUES

	2014/2015 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 BUDGET	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	% CHANGE
PRIOR YEAR BALANCE	143,532	144,000	57,800	92,100	(51,900)	-36.0%
GRANTS REVENUE	105,890	500,000	839,300	500,000	-	0.0%
INTEREST INCOME	248	500	500	-	(500)	-100.0%
TOTALS	**249,670**	**644,500**	**897,600**	**592,100**	**(52,400)**	**-8.1%**

OPERATING EXPENSES

	2014/2015 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 BUDGET	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	% CHANGE
PROGRAM EXP. GRANT RELATED	191,872	644,000	805,500	500,000	(144,000)	-22.4%
CURRENT YEAR BALANCE	57,798	500	92,100	92,100	91,600	18320.0%
TOTALS	**249,670**	**644,500**	**897,600**	**592,100**	**(52,400)**	**-8.1%**

LIBRARY GRANT

OPERATING REVENUES

	2014/2015 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 BUDGET	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	$ CHANGE
PRIOR YEAR BALANCE	44,810	17,300	30,600	17,300	-	0.0%
STATE GRANT	278,813	278,900	305,500	305,500	26,600	9.5%
FEDERAL GRANT	2,500	2,500	2,500	2,500	-	0.0%
TOTALS	**326,123**	**298,700**	**338,600**	**325,300**	**26,600**	**8.9%**

OPERATING EXPENSES

	2014/2015 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 BUDGET	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	$ CHANGE
STATE GRANTS						
FURNITURE/FIXTURES	7,353	3,100	7,000	10,500	7,400	238.7%
OFFICE SUPPLIES	27,855	24,000	30,800	30,800	6,800	28.3%
PRINTING AND DUPLICATING	12,161	13,200	12,500	12,500	(700)	-5.3%
PROGRAM EXPENSES/SUPPLIES	33,381	24,100	27,500	27,500	3,400	14.1%
BOOKS	126,972	129,200	133,300	150,600	21,400	16.6%
AUDIO VISUAL SUPPLIES	73,543	75,100	77,200	77,200	2,100	2.8%
POSTAGE	39	100	100	100	-	0.0%
TRAINING/CONF/FOOD/TRAV	4,229	2,000	8,800	5,300	3,300	165.0%
CONTRACTUAL SERVICES	-	900	-	-	(900)	-100.0%
OFF EQP/REPAIRS & MAINT	4,946	6,000	6,300	6,300	300	5.0%
OTHER EQUIP - PURCHASE	1,105	-			-	0.0%
OTHER EQUIP - LEASE	1,468	1,200	2,000	2,000	800	66.7%
SUBTOTAL EXPENSES STATE GRANTS	**293,052**	**278,900**	**305,500**	**322,800**	**43,900**	**15.7%**
FEDERAL GRANTS						
PROGRAM EXPENSES/SUPPLIES	2,500	2,500	2,500	2,500	-	0.0%
SUBTOTAL EXPENSES FEDERAL GRANT	**2,500**	**2,500**	**2,500**	**2,500**	**-**	**0.0%**
GRAND TOTAL EXPENSES	**295,552**	**281,400**	**308,000**	**325,300**	**43,900**	**15.6%**
CURRENT YEAR BALANCE	30,571	17,300	30,600	-	(17,300)	-100.0%
TOTALS	**326,123**	**298,700**	**338,600**	**325,300**	**26,600**	**8.9%**

POLICE GRANTS

OPERATING REVENUES

	2014/2015 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 BUDGET	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	% CHANGE
PRIOR YEAR BALANCE	172,062	125,000	154,900	642,700	517,700	414.2%
GRANTS RECEIVED	327,717	527,300	1,106,900	319,000	(208,300)	-39.5%
INTEREST INCOME	810	-	-	-	-	0.0%
TOTALS	**500,589**	**652,300**	**1,261,800**	**961,700**	**309,400**	**47.4%**

OPERATING EXPENSES

	2014/2015 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 BUDGET	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	% CHANGE
EXPENDITURES						
PERSONNEL EXPENDITURES						
CADET PROGRAM SALARIES	12,895	71,400	71,400	71,400	-	0.0%
CADET PROGRAM FICA	986	5,400	5,500	5,500	100	1.9%
CADET PROGRAM W/COMP	516	3,500	4,200	4,200	700	20.0%
MATERIALS AND SUPPLIES						
POLICE EQUIPT & PROG SUPP	137,014	410,600	379,600	313,000	(97,600)	-23.8%
TECHNOLOGY EQUIPMENT	21,293	20,000	20,000	-	(20,000)	-100.0%
ADMINISTRATIVE EXPENDITURES						
CELL PHONE CHARGES	15,864	15,000	15,000	16,000	1,000	6.7%
TRAINING	22,018	17,000	45,000	17,000	-	0.0%
AUDIT FEES	737	1,000	1,000	1,000	-	0.0%
CONTRACTUAL SERVICES	7,192	-	3,000	210,000	210,000	0.0%
TOTAL EXPENDITURES	**218,515**	**543,900**	**544,700**	**638,100**	**94,200**	**17.3%**
OTHER FINANCING USES						
OPERATING TRANSFERS-OUT	127,130	74,400	148,400	82,000	7,600	10.2%
TOTAL FINANCING USES	**127,130**	**74,400**	**148,400**	**82,000**	**7,600**	**10.2%**
CURRENT YEAR BALANCE	154,944	34,000	642,700	241,600	207,600	610.6%
TOTALS	**500,589**	**652,300**	**1,335,800**	**961,700**	**309,400**	**47.4%**

THE ABOVE BUDGET INCLUDES THE POLICE GRANTS FUND, 2050, BYRNE GRANTS FUND AS WELL AS THE OTHER FEDERAL POLICE GRANTS FUND.

COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG)

OPERATING REVENUES

	2014/2015 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 BUDGET	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	% CHANGE
PRIOR YEAR BALANCE CDBG	2,013	2,100	2,100	2,100	-	0.0%
PRIOR YEAR BALANCE NSP	77,860	-	-	-	-	0.0%
CDBG GRANTS RECEIVED	235,731	256,800	272,800	272,800	16,000	6.2%
REVENUE FROM NSP	8,091	-	-	-	-	0.0%
TOTALS	**323,695**	**258,900**	**274,900**	**274,900**	**16,000**	**6.2%**

OPERATING EXPENSES

	2014/2015 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 BUDGET	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	% CHANGE
Prior year Closing cost/down payment program	193	-	900	-	-	0.0%
Prior year MHDC home repair	1,881	-	-	-	-	0.0%
Prior year Elizabeth W Murphey school	1,135	-	-	-	-	0.0%
Prior year Ncall Research Inc.	2,237	-	6,500	-	-	0.0%
Prior year Milford housing H/O rehab	2,934	-	-	-	-	0.0%
Current year closing cost/down payment program	101,875	60,000	60,000	50,000	(10,000)	-16.7%
Current year Connection Comm Supp program	-	7,400	7,400	7,200	(200)	-2.7%
Current year Dover interfaith ministry	27,500	27,000	27,000	22,000	(5,000)	-18.5%
Current year MHDC emergency home repair	-	35,300	35,300	25,000	(10,300)	-29.2%
Current year Habitat for Humanity	-	40,000	40,000	30,000	(10,000)	-25.0%
Current year MHDC homeowner rehab.	-	-	-	55,000	55,000	0.0%
Current year Peoples Place	-	6,800	6,800	-	(6,800)	-100.0%
Current year Elizabeth W Murphey school	50,000	-	-	-	-	0.0%
Current year Ncall Research Inc.	1,263	-	-	-	-	0.0%
Current year Milford housing H/O rehab	-	52,900	52,900	-	(52,900)	-100.0%
Current year salaries	-	-	-	36,000	36,000	0.0%
Current program expenses	46,713	36,000	36,000	47,300	11,300	31.4%
NSP program expenditures	674	-	-	-	-	0.0%
CURRENT YEAR BALANCE CDBG	2,013	(6,500)	2,100	2,400	8,900	-136.9%
CURRENT YEAR BALANCE NSP	85,277	-	-	-	-	0.0%
TOTALS	**323,695**	**258,900**	**274,900**	**274,900**	**16,000**	**6.2%**

SUBSTANCE ABUSE PREVENTION PROGRAM

OPERATING REVENUES

	2014/2015 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 BUDGET	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	% CHANGE
PRIOR YEAR BALANCE	77,913	41,000	98,200	41,000	-	0.0%
GRANTS REVENUE	28,030	55,600	28,000	55,700	100	0.2%
RECREATION REVENUE	66,038	33,000	33,000	33,000	-	0.0%
TOTALS	**171,981**	**129,600**	**159,200**	**129,700**	**100**	**0.1%**

OPERATING EXPENSES

	2014/2015 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 BUDGET	$ DIFFERENCE FY 17 PP VS FY16 BUDGET	% CHANGE
TEMPORARY HELP/BENEFITS	40,211	54,000	60,200	60,200	6,200	11.5%
PROGRAM EXPENSES/SUPPLIES	33,589	55,600	55,600	55,700	100	0.2%
CURRENT YEAR BALANCE	98,181	20,000	43,400	13,800	(6,200)	-31.0%
TOTALS	**171,981**	**129,600**	**159,200**	**129,700**	**100**	**0.1%**