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Delaware





FY 2016-2017

DRAFT
ANNUAL OPERATING
BUDGET

WITH 2017-2021

CAPITAL

INVESTMENT PLANS

CITY OF DOVER, DELAWARE

$\label{eq:fy2016-2017} \text{ PRAFT BUDGET}$ WITH 2017 - 2021 Capital Investment Plans

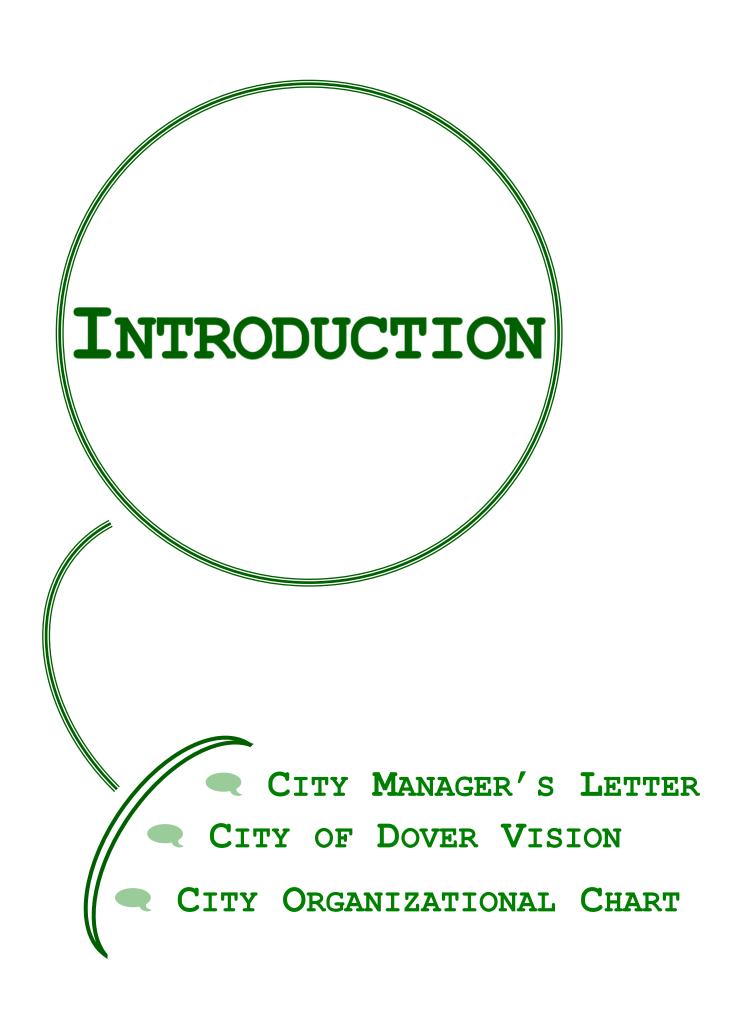
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ANNUAL OPERATING BUDGET FOR FISCAL YEAR

JULY 1,2016
JUNE 30,2017



"COMMUNITY EXCELLENCE THROUGH QUALITY SERVICE"



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.

Members of City Council May 17, 2016 Page 2 of 2

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.

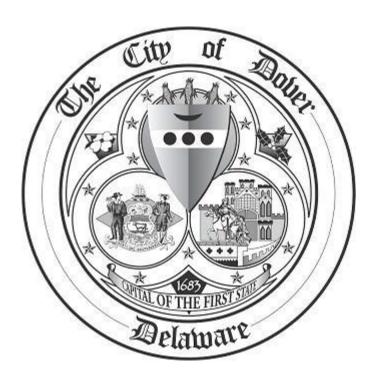
Respectfully,

Scott D. Koenig, P.E.

City Manager

skoenig@dover.de.us

(302) 736-7005



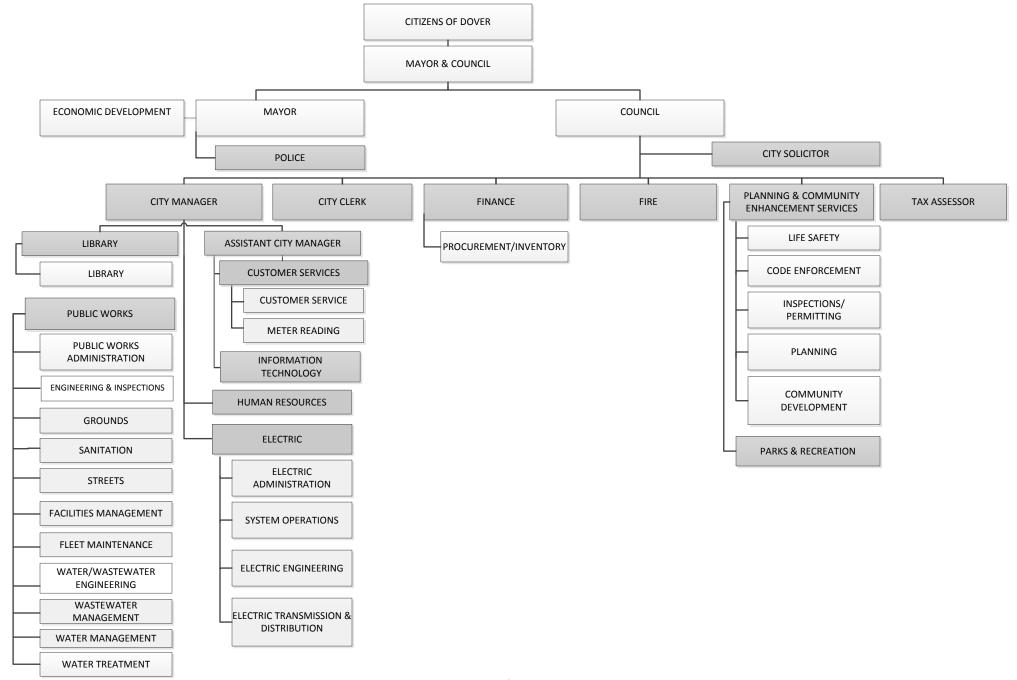
VISION

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.

FY 2017 ANNUAL OPERATING BUDGET – DOVER, DELAWARE

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	Water	Wastewater	Water/Wastewater	Electric
	Fund	Utility	Utility	Fund	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

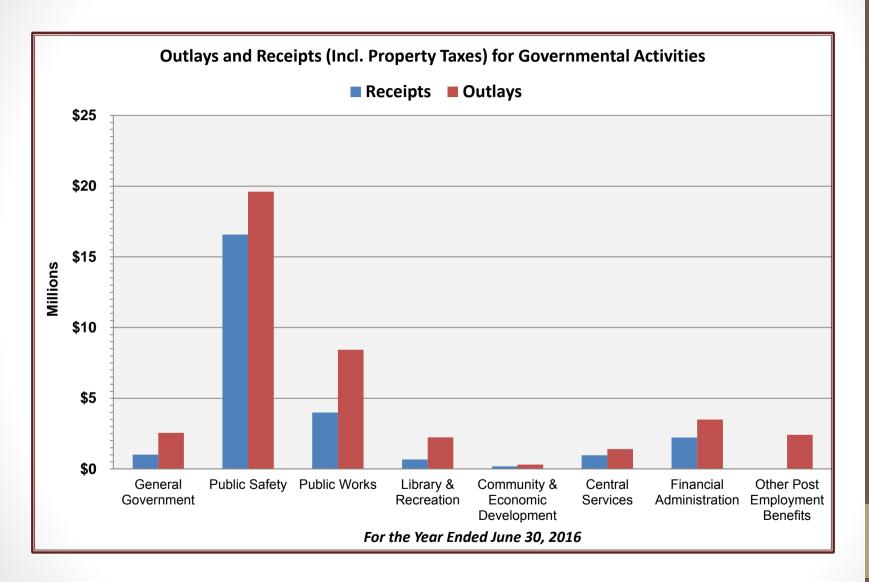
General Fund Revenues

- 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)

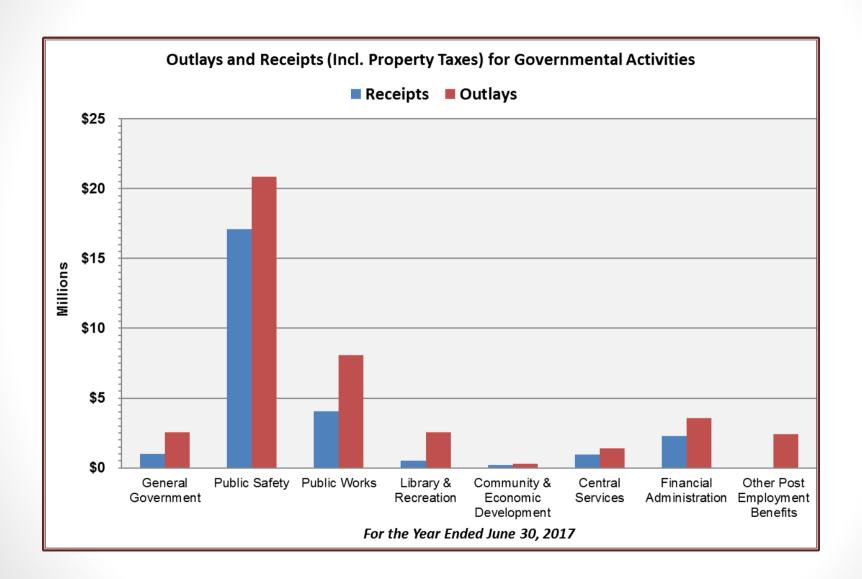
General Fund Expenditures

- 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 Supplemental Billing (April) & new construction estimated to be complete by June Annual Appeals (Exemption Requests that have been submitted) (Habitat for Humanity; Whatcoat; open space - estimate based on previous year)	Estimate Only Estimate Only	\$3,075,403,900 15,000,000 (9,200,000)
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

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

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

Debt Limit Net (Taxable) Assessed Value on Books	Estimated 2017 \$ 152,96 3,059,20		. ,	2014 \$ 157,995 3,159,894	2013 \$ 159,075 3,181,496	2012 \$ 158,465 3,169,308	2011 \$ 156,832 3,136,639	2010 \$ 145,351 2,907,011
Total net debt applicable to limit	7,92	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	\$ 3,059,20	\$ 3,050,322	\$ 3,169,707	\$ 3,159,894	\$ 3,181,496	\$ 3,169,308	=	
Debt Limit - 5 Percent of Total Assessed Value	\$ 152,96) \$ 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	7,92	8,587	7,337	4,050	4,479	1,550	_	
LEGAL DEBT MARGIN	\$ 145,03	\$ 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

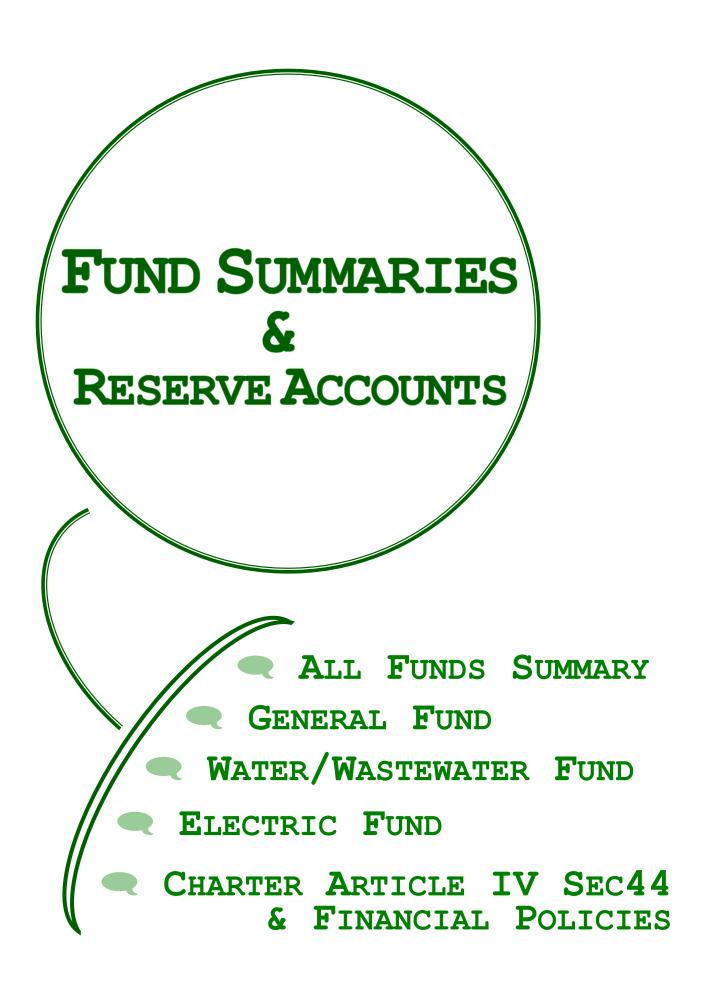
- Revenue decrease over original FY16 Budget \$2,276,400) or -2.7%
- Expense decrease by (\$1,444,900) or -1.8%
- Major contributing factors to revenues
 - Prior year included a transfer from the Rate Stabilization Reserve \$3,000,000 that is not included in the FY17 Proposed Budget
 - Customer sales 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 Property Tax Rate Approved Property Tax Rate Increase Proposed for revenue requirement	\$0.3300	\$0.3300	\$0.3300	\$0.3108 \$0.3378	\$0.3378	\$0.3378	\$0.3378	\$0.3378	(\$0.3499) \$0.4050 \$0.0551	\$0.4050
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



City of Dover All Funds Summary Fiscal 2017 Proposed Budget

Fund or	Beginning	Revenues/	Expenses/	Ending
Reserve Account	Balances	Transfers In	Transfers Out	Balances
General Fund			4 (10 001 000)	
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	(79,123,000)	848,300
Insurance Reserve	,	5,700	-	762,000
Rate Stabilization Reserve	756,300	,	-	,
	7,207,100	1,304,800	- (E 770 200)	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	(04.004.400)	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.

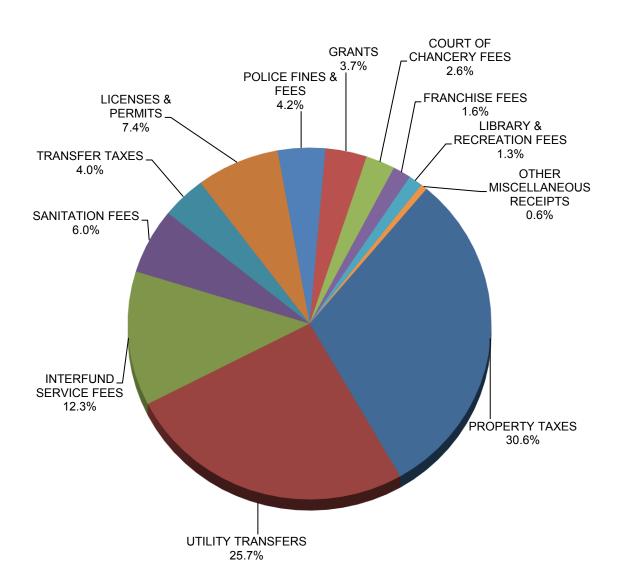
GENERAL FUND CASH RECEIPT SUMMARY

		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		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	104,200	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%
-00	TRANSFERS FROM	•	•	-			
28 29	TRANSFERS FROM: TRANSFER TAX	1,713,788	1 240 000	2 000 200	1 670 700	222.700	24.8%
30	MUNICIPAL STREET AID	664,266	1,340,000 564,200	2,090,200 673,100	1,672,700 673,100	332,700 108,900	24.8% 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	25,000	0.0%
34	OTHER RESERVES	58,733	13,200	13,200	10,000,000	(13,200)	-100.0%
35	2003 GO BOND REDEMPTION	475,000		- 10,200	_	(10,200)	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

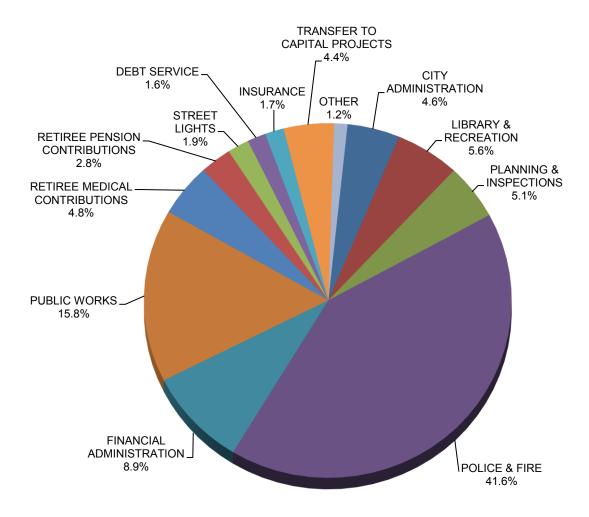
		2014/15 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 PROPOSED	\$ DIFFERENCE FY 17 PP VS FY16 BUDGET	% CHG FY17 VS FY16
1	DEPARTMENT EXPENSES:						
2	CITY CLERK	377,564	383,400	382,800	412,300	28,900	7.5%
3	COUNCIL	92,870	118,100	113,600	144,100	26,000	22.0%
4	TAX ASSESSOR	303,440	234,800	239,800	244,000	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 8	LIBRARY RECREATION	1,380,437	1,510,000	1,456,000	1,635,000	125,000	8.3% 2.5%
9	LIFE SAFETY	658,615 504,840	729,500 482,200	723,200 479,800	747,900 485,200	18,400 3,000	0.6%
10	CODE ENFORCEMENT	392,859	419,400	412,700	421,100	1,700	0.6%
11	PLANNING	450,400	534,000	532,800	546,800	12,800	2.4%
	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%
	POLICE	14,789,684	15,159,000	15,921,400	16,091,600	932,600	6.2%
	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%
	FACILITIES MANAGEMENT	688,162	707,500	692,200	607,100	(100,400)	-14.2%
	PUBLIC WORKS - ENGINEERING	26,996	181,400	173,400	207,000	25,600	14.1%
	PROCUREMENT & INVENTORY	534,298	560,200	569,300	585,100	24,900	4.4%
	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%
	HUMAN RESOURCES	361,384	383,900	376,700	392,500	8,600	2.2%
	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%
	CONTRIBUTION TO DDP	70,000	70,000	70,000	70,000	-	0.0%
	MISCELLANEOUS GRANT RELATED EXP INSURANCE	- 674,775	25,000 690,000	25,000 690,000	25,000 700,000	- 10,000	0.0% 1.4%
	RETIREES HEALTH CARE	1,636,500	1,895,600	1,567,700	2,039,700	144,100	7.6%
	OTHER EMPLOYMENT EXPENSES	1,000,000	520,100	52,000	392,200	(127,900)	-24.6%
	BANK & CREDIT CARD FEES	_	15,000	10,600	15,000	(121,000)	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%
	APPROP. TO THE GENERAL PENSION FUND	543,000	-	594,300	-	-	0.0%
	TRANSFER TO CONTINGENCY RESERVE	300,000	-	-	-	-	0.0%
49	TRANSFER TO PARKLAND RESERVE	25,000	-	- 50.000	-	(50,000)	0.0%
	TRANSFER TO OTHER/VERIZON RESERVE TRANSFER TO INVENTORY WRITE-OFFS	-	50,000 10,000	50,000 10,000	10,000	(50,000)	-100.0% 0.0%
	TRANSFERS SUBTOTAL	4,508,910	3,755,400	4,685,800	3,039,400	(716,000)	-19.1%
53		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	•	
50	LAGELDO (INCINAINO) TO INICE I REQUIREMENT	1,020,900	131,100	1,108,100	1, 113,000		
						\$ DIFFERENCE	
		2014/15	2015/16	2015/16	2016/17	FY 17 PP VS	
57		ACTUAL	BUDGET	REVISED	PROPOSED	FY16 BUDGET	POLICY
58	CONTINGENCY	720,334	467,900	731,000	741,000	10,000	\$700K

Fiscal Year 2016/2017 General Fund Revenue



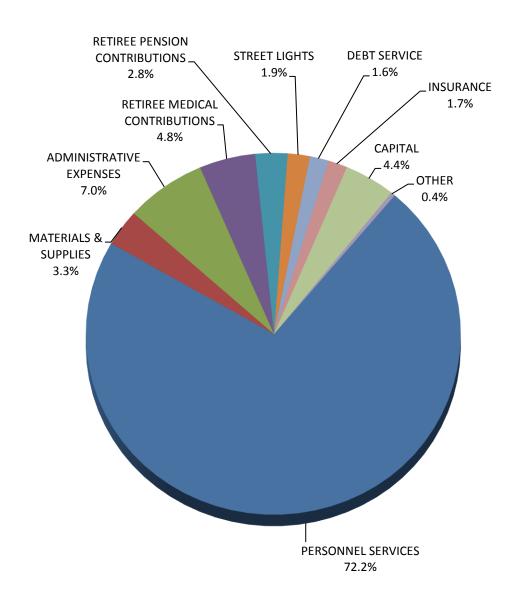
Fiscal Year 2016/2017 General Fund Expenditures

By Major Function

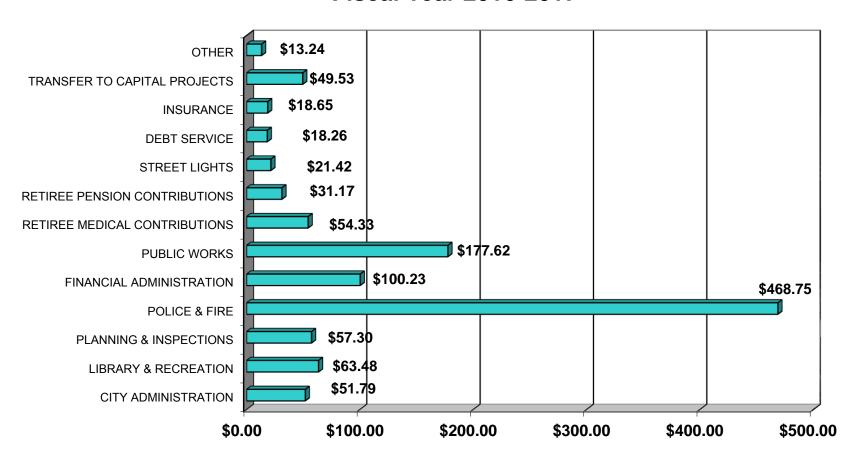


Several General Fund Departments service all City operations. The General Fund bills the utility funds services provided. The receipts are reported as revenue in the General Fund and not netted against the expenditures.

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%

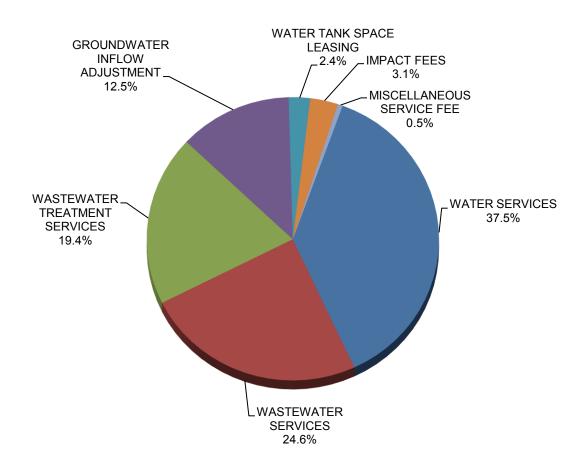
						\$ DIFFERENCE	
		2014/15	2015/16	2015/16	2016/17	FY 17 PP VS	
	RESERVE BALANCES	ACTUAL	BUDGET	REVISED	PROPOSED	FY16 BUDGET	POLICY
33	CAPITAL ASSET RESERVE	915,129	512,300	1,022,700	1,028,700	6,000	Min \$500K
34	PARKLAND/RECREATION	320,796	304,800	324,900	247,900	(77,000)	N/A

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 2 3	BEGINNING BALANCE - WATER BEGINNING BALANCE - WASTEWATER TOTAL BEGINNING BALANCES	550,768 69,989 620,757	861,600 293,400 1,155,000	1,072,900 206,900 1,279,800	566,700 663,200 1,229,900	(294,900) 369,800 74,900	-34.2% 126.0% 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 9	GROUNDWATER INFLOW ADJUSTMENT WATER TANK SPACE LEASING	1,831,784 344,842	1,864,300 341,900	1,965,600 341,900	1,938,000 366,200	73,700 24,300	4.0% 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 15	MISCELLANEOUS SERVICE FEE TOTAL REVENUES	74,982 14,847,508	64,000 15,727,700	56,200 15,037,500	63,000 15,467,200	(1,000) (260,500)	-1.6% -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 include	ed .
17	DIRECT EXPENSES:						
18 19	ENGINEERING & INSPECTION WATER CONSTRUCTION	468,706	517,500	512,500	516,500	(1,000)	-0.2% 0.0%
20	WATER CONSTRUCTION WATER DEPARTMENT	260,383 399,530	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 26	DEBT SERVICE - WATER DEBT SERVICE - WASTEWATER	486,635 650,647	545,200 586,900	521,100	590,300	45,100 50,000	8.3% 8.5%
27	RETIREES HEALTH CARE	200,000	178,600	611,300 60,200	636,900 192,400	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 32	BANK & CREDIT CARD FEES BOND ISSUANCE COSTS	-	46,200	25,000	25,000 40,000	(21,200)	-45.9%
33	OTHER EXPENSES SUBTOTAL	6,806,841	6,999,600	6,909,900	7,328,400	328,800	4.7%
0.4	TD 4405ED TO						
34 35	TRANSFER TO: 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 WATER IMPACT FEE RESERVE	275,279	-	-	-	-	0.0%
40 41	CONTINGENCY RESERVE WATER	226,485	32,000	32,000	110,000	78,000	0.0% 243.8%
42	CONTINGENCY RESERVE WASTEWATER	-	-	-	60,000	60,000	0.0%
43 44	GENERAL EMPLOYEES PENSION TRANSFER TO SUBTOTAL	- 4,010,153	- 4,182,000	248,400 4,430,400	3,045,000	(1,137,000)	0.0% -27.2%
45	TOTAL EXPENSES	14,188,456	15,251,000	15,087,400	14,235,100	(1,015,900)	-6.7%
		,	.0,20.,000	10,001,100	,,	(1,010,000)	5 70
46 47	BUDGET BALANCES BUDGET BALANCE WATER	1,072,915	1,048,600	566,700	1,199,500	150,900	14.4%
48	BUDGET BALANCE WATER 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	<u> </u>	
						A DIFFERENCE	
		2014/15	2015/16	2015/16	2016/17	\$ DIFFERENCE FY 17 PP VS	
52	RESERVE BALANCES	ACTUAL	BUDGET	REVISED	BUDGET	FY16 BUDGET	POLICY
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

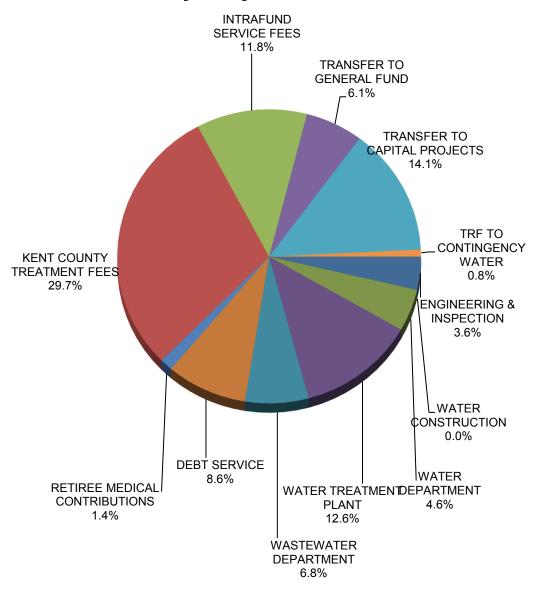
Fiscal Year 2016/2017 Water/Wastewater Fund

Revenue



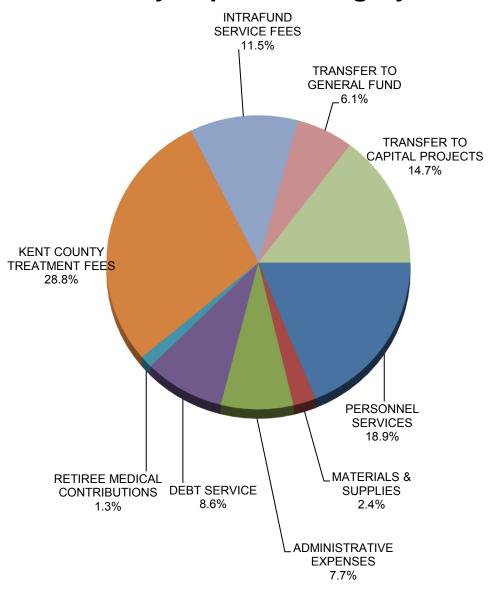
2016/2017 Budget Water/Wastewater Fund Expenses

By Major Function



2016/2017 Budget Water/Wastewater Fund Expenses

By Expense Category



WATER/WASTEWATER IMPROVEMENT & EXTENSION FUND SUMMARY

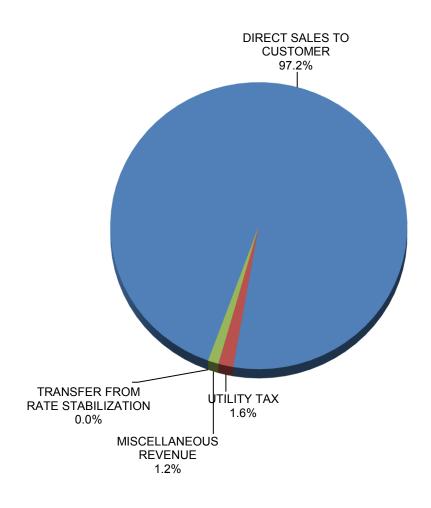
		2014/15 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 PROPOSED	\$ DIFFERENCE FY 17 PP VS FY16 BUDGET	% CHG FY17 VS FY16
1 2 3	BEGINNING BALANCE - WATER BEGINNING BALANCE - WASTEWATER TOTAL BEGINNING BALANCES	7,178,064 5,677,607 12,855,671	833,500 1,027,600 1,861,100	4,990,300 4,551,700 9,542,000	1,179,900 952,600 2,132,500	346,400 (75,000) (5,419,735)	41.6% -7.3% 14.6%
4 5 6 7 8 9 10 11 12 13 14 15	REVENUES STATE LOAN FUND - WATER STATE LOAN FUND - WASTEWATER TRANS FR OPERATING FUND - WATER TRANS FR OPERATING FUND - WASTEWATER TRANSFER FR WASTER IMPACT FEE TRANSFER FR WASTEWATER IMPACT FEE FEDERAL/STATE GRANTS PROCEEDS FROM SALE OF ASSETS INTEREST INCOME MISCELLANEOUS RECEIPTS TOTAL REVENUES	1,205,285 1,803,104 - 1,315,600 - 27,283 39,883 - 4,391,155	1,800,000 1,500,000 - 165,000 - 25,000 - 3,490,000	1,800,000 1,500,000 - 165,000 20,300 - 69,900 61,400 3,616,600	2,400,000 884,000 1,000,000 1,000,000 190,800 211,200 - - 20,000 - 5,706,000	2,400,000 884,000 1,600,000 1,800,000 190,800 211,200 (5,000)	0.0% 0.0% -44.4% -33.3% 0.0% 0.0% 0.0% -20.0% 0.0% 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 18 19 20 21 22	EXPENSES W/WW ENGINEERING WATER WASTEWATER WATER TREATMENT PLANT TOTAL EXPENSES	3,392,546 4,277,921 33,771 7,704,238	2,028,600 1,822,100 - 3,850,700	5,442,600 5,299,100 284,400 11,026,100	30,400 1,338,800 2,021,200 1,200,000 4,590,400	30,400 (689,800) 199,100 - 739,700	0.0% -34.0% 10.9% 0.0% 19.2%
23 24 25	BUDGET BALANCE - WATER BUDGET BALANCE - WASTEWATER TOTAL ENDING BUDGET BALANCES	4,990,615 4,551,973 9,542,588	617,400 883,000 1,500,400	1,179,900 952,600 2,132,500	2,226,700 1,021,400 3,248,100	1,609,300 138,400 1,747,700	260.7% 15.7% 116.5%
26	TOTAL BUDGET BALANCES & EXPENSES	17,246,826	5,351,100	13,158,600	7,838,500	2,487,400	46.5%
27	RESERVE BALANCES	2014/15 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 PROPOSED	\$ DIFFERENCE FY 17 PP VS FY16 BUDGET	POLICY
28 29 30 31	CAPITAL ASSET RESERVE-WATER CAPITAL ASSET RESERVE-WASTEWATER IMPACT FEE RESERVE - WATER IMPACT FEE RESERVE - WASTEWATER	510,681 509,513 427,523 1,742,652	522,700 521,600 203,900 1,552,300	514,600 513,400 430,700 1,590,900	518,500 517,300 243,200 1,391,800	(4,300) 39,300	MIN \$500K MIN \$500K 20% of Rev. 20% of Rev.

ELECTRIC REVENUE FUND SUMMARY

	ELEC	CTRIC REVEN	NUE 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 7	RENT REVENUE GREEN ENERGY	223,065 128,090	202,600 128,000	202,600 128,000	223,000 128,000	20,400	10.1% 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:	00 470 504	00 400 000	00 400 000	40 557 000	(0.045.000)	00.00/
13 14	POWER SUPPLY SOLAR ENERGY	26,170,504 1,976,577	23,402,600 2,313,900	23,402,600 2,313,900	16,557,600 2,313,900	(6,845,000)	-29.2% 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 21	CAPACITY CHARGES SUB-TOTAL POWER SUPPLY	9,617,562 53,775,846	10,225,100 53,873,000	10,225,100 53,873,000	10,160,600 51,026,600	(64,500) (2,846,400)	-0.6% -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 27	CAPACITY CREDITS GENERATION SUBTOTAL	(8,706,981)	(10,472,100)	(10,472,100)	(7,355,100)	3,117,000	-29.8%
28	POWER SUPPLY & GENERATION SUBTOTAL	(4,129,895) 49,645,950	(4,763,500) 49,109,500	(4,815,200) 49,057,800	(1,871,000) 49,155,600	2,892,500 46,100	-60.7% 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 35	SYSTEMS OPERATIONS DIRECT EXPENDITURE SUBTOTALS	703,431 6,476,572	679,800 7,284,000	612,700 6,670,300	651,700 6,813,600	(28,100) (470,400)	-4.1% -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 40	CONTRACTUAL SERVICES - RFP'S	266,856	-	- - 700	-	-	0.0%
40	RETIREES HEALTH CARE OTHER EMPLOYMENT EXPENSES	513,300	537,800 72,000	57,700 40,300	600,000 128,200	62,200 56,200	11.6% 78.1%
42	OPEB UNFUNDED LIABILITY	1,009,800	1,030,000		120,200	(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 47	BANK & CREDIT CARD FEES DEBT SERVICE	3,405,202	242,300 3,402,000	259,300 1,617,700	275,000 1,618,000	32,700 (1,784,000)	13.5% -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:	.,,3	-,,	,,	,, - 3	, , , , , , , , ,	
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	- (1,555,555)	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 56	TRANSFER CONTINGENCY RESERVE RATE STABILIZATION RESERVE	_	13,000	13,000 394,800	1,250,000	(13,000) 1,250,000	-100.0% 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		
						\$ DIFFERENCE	
		2014/15	2015/16	2015/16	2016/17	FY 17 PP VS	
62	RESERVE BALANCES	ACTUAL	BUDGET	REVISED	PROPOSED	FY16 BUDGET	POLICY
63 64	CONTINGENCY RESERVE INSURANCE RESERVE	822,677 740,641	826,000 743,600	841,900 756,300	848,300 762,000	22,300 18,400	\$750K \$750K
65	RATE STABILIZATION RESERVE	7,505,354	8,583,000	7,207,100	8,511,900		10% - 20%

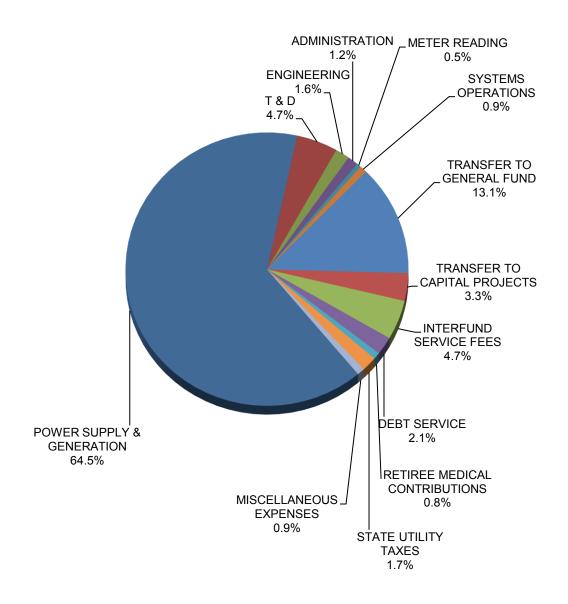
Electric Fund Fiscal Year 2016/2017

Revenue



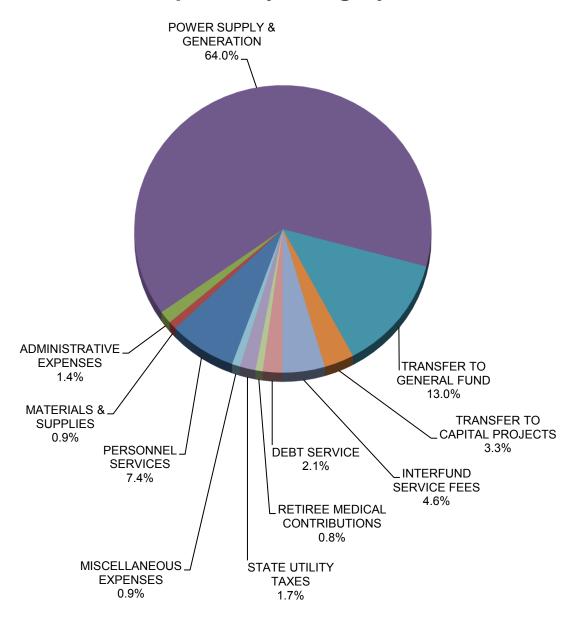
Electric Fund Fiscal Year 2016/2017

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%
						\$ DIFFERENCE	
		2014/15	2015/16	2015/16	2016/17	FY 17 PP VS	
		ACTUAL	BUDGET	REVISED	PROPOSED	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



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.

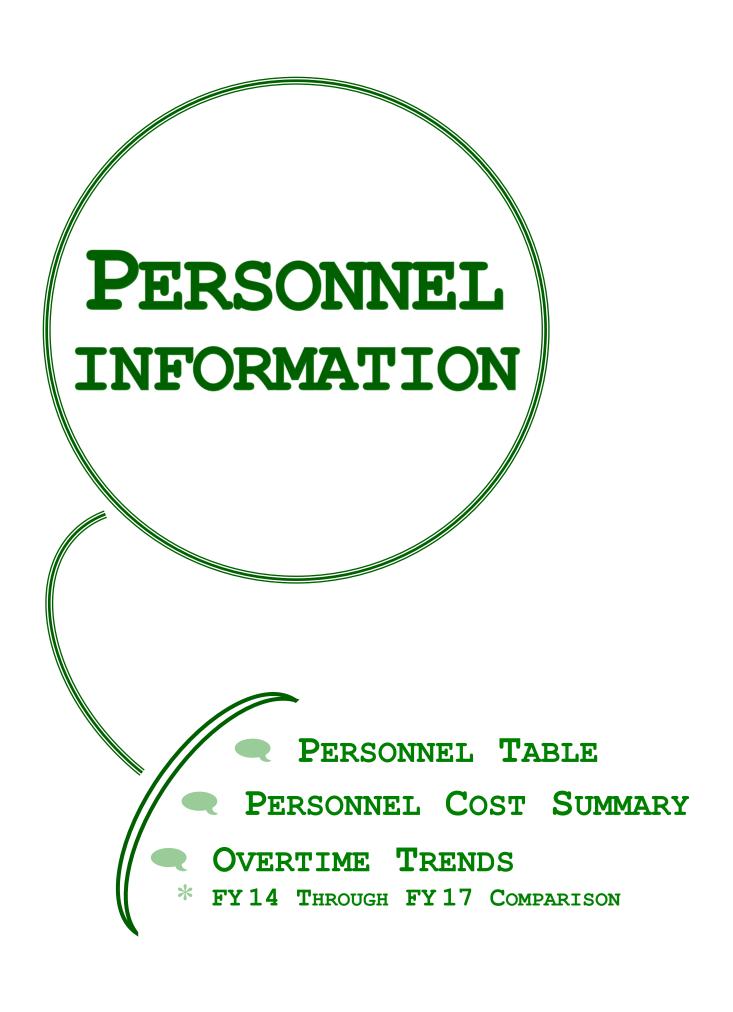
- 7. The City Manager may approve intra-fund transfers (i.e., within the General Fund) of up to five percent per annum, Form COD #98, with the exception of line items associated with salary and benefits.
- 8. All personnel positions will receive and be adhered to, the documented increases as approved 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

From	Account #:			-	Fiscal Year: Date of Request (Check Only One			
By:		(Signature)			Concer Only On	Change Withi Supplemental Departmental	l Appropriation	1
	Element Object	Account Name	Original Budget	Net Previous Changes	Current Revised Budget	Requested Change or Supplement	Adjusted Budget	YTD Expense
FROM								
TO								
Requ	1 uest Justification:	2	3	4	5	6	7	8
or a ' space subm	'minus" sign. Ro e is needed to just hitting request to	te all appropriate item und all figures to near stify request. Form mu Finance Department fo Submit copy of reque	est one hundred dust bear the live sion consideration, c	lollar. Use the gnature(s) of obtain verifica	e reverse side of cost center mana	this form if addition nger(s). Before nounting departme	onal ent that	
Appro	oval:	City Manager			_	Contr	roller/Treasure	er
Date	of Action:			-				
	oved as: Reque	ested	Approved as	Modified		Denied		
For F	Finance Departn		Processed:			By:		

55



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 *101 Officers; 33 Civilians - 134 Total Employees	347.0	359.0	357.0	(2.0)
DEDT/DIV/ICION	2014-2015	2015-2016	2016-2017	

DEPT/DIVISION BUDGET BUDGET BUDGET CHANGE **PART-TIME PERSONNEL** 17.0 17.0 0.0 CITY COUNCIL COMMITTEES 17.0 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 5.0 2.0 3.0 **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 0.0 6.0 6.0 **TOTAL PART-TIME PERSONNEL** 78.0 94.0 96.0 2.0 **TOTAL PERSONNEL** 425.0 453.0 0.0 453.0

City of Dover
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Fiscal Year 2017
Total City by Fun

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1400-352	1600-533	Planning		380,300		(36,000)		1,000		15,000		360,300		152,800		513,100
1700-542 Civilian Police	1600-534	Building Inspections		277,500		-		2,000		-		279,500		224,100		503,600
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Number Title 10-11 On Call 10-11 10-12 10-13 Wages Benefits Personnel 1 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 7 600-576 Water Treatment 583,400 6,000 30,000 - \$ 619,400 420,700 1,040,100 7 618 Wages Benefits Personnel 1 10-11 Wages Benefits Personnel 1 10-12 Wages Benefits Personnel 1 10-12 Wages Benefits Personnel 1 10-13 Wages Personnel 1 10-13 Wages		Total General Fullu	٦	10,323,000	, ,	227,400	۰	037,300	٠	033,100	٠	17,655,000	Ą	10,238,300	Ą	28,111,300
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 Water water 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 \$ 7600-576 Total Water/Wastewater Fund \$ 1,558,700 \$ 27,800 \$ 68,000 \$ - \$ \$ 1,654,500 \$ 1,021,000 \$ 2,675,500 \$ 7	Dept/Div	Division		Base Pay	В	onus/Allow./SD	(Overtime	P	art Time/Temp		Total		Total		Total
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 Water 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 \$ 7014 Water Treatment \$ 1,558,700 \$ 27,800 \$ 68,000 \$ - \$ \$ 1,654,500 \$ 1,021,000 \$ 2,675,500 \$ 7014 Water Treatment \$ 1,558,700 \$ 27,800 \$ 68,000 \$ - \$ \$ 1,654,500 \$ 1,021,000 \$ 2,675,500 \$ 7014 Water Treatment Total Water/Wastewater Fund \$ 1,558,700 \$ 27,800 \$ 68,000 \$ - \$ \$ 1,654,500 \$ 1,021,000 \$ 2,675,500 \$ 7014 Wages Benefits Personnel \$ 200-562 T & D \$ 1,513,300 \$ 49,200 \$ 106,800 \$ - \$ \$ 1,669,300 \$ 983,200 \$ 2,652,500 \$ 300-563 \$ 10,800 \$ 1,1,100 \$ 10,600 \$ 637,700 \$ 303,800 \$ 941,500 \$ 8400-564 Administration 346,700 346,700 \$ 133,000 479,700 \$ 800-565 \$ 1,669,300 \$ 234,800 \$ 651,700 \$ 338,800 \$ 2,989,100 \$ 73,300 \$ 209,900 \$ 23,100 \$ 3,295,400 \$ 1,780,600 \$ 5,076,000 \$ 1,000 \$	• -	Title		-								Wages		Benefits		
6800-568 (900-569) Water (900-569) Water (900-569) Water (900-569) Report (900-569) Pert (900-569) Pert (900-569) Pert (900-569) Report (900-569) Report (900-569) Report (900-569) Pert (900-569) Report (900-569) Pert (900-569)		Engineering	Ś		Ś		Ś		Ś	-	Ś	_	Ś		Ś	453,600
6900-569/7600-576/6 Wastewater Freatment 383,400 12,700 25,000 - 421,100 233,300 654,400 7600-576/7600-576/7600-576/7600-576/7600-576/7600-576/7600-576/7600-576/7600-576/7600-576/7600-576/7600-576/7600-576 Water Treatment 583,400 60,000 30,000 - 619,400 420,700 1,040,100 2,057,500 1,040,100 2,000 1,040,100 2,000 1,040,100 2,000 1,040,100 2,000 2,000 2,000 3,000 - 1,654,500 \$1,021,000 \$2,675,500 2,000	6800-568	= =	ľ		·	8.200	·		·	_	•	-	ľ		•	· ·
Number Sas, 400 Sas, 500 Sas, 400 Sas, 400 Sas, 400 Sas, 500				-						_						
Dept/Div Division Base Pay Bonus/Allow./SD Total Division South Personnel Total Tota				•		•		•		_		•				
Dept/Div Number Division Number Base Pay Intellectric Fund Base Pay Intellectric	7000 370		Ś		Ś		Ś	•	Ś	-	Ś		Ś	· · · · · · · · · · · · · · · · · · ·	Ś	
Number Title 10-11 On Call 10-11 10-12 10-13 Wages Benefits 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 70tal Electric Fund \$ 2,989,100 \$ 73,300 \$ 209,900 \$ 23,100 \$ 3,295,400 \$ 1,780,600 \$ 5,076,000 8900-596 Division Base Pay Bonus/Allow./SD Overtime Part Time/Temp Total Total Personnel 9900-596 CDBG		Trade trade, trade trade trade	<u> </u>	_,	Ť	2.,000	Ť	00,000	Ť		Ť	_,00 .,000	Ť	_,0,000	<u> </u>	
\$200-562 T & D	Dept/Div	Division		Base Pay	В	onus/Allow./SD	(Overtime	P	art Time/Temp		Total		Total		Total
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 Dept/Div Number Division Base Pay Bonus/Allow./SD Overtime Part Time/Temp Total Total Total 9900-596 CDBG \$ - \$ 36,000 \$ - \$ 36,000 \$ - \$ 36,000 \$ - \$ 36,000 \$ - \$ 36,000 \$ - \$ 36,000 \$ - \$ 36,000 \$ - \$ 36,000 \$ - \$ 36,000 \$ - \$ 36,000 \$ - \$ 36,000 \$ - \$ 36,000 \$ - \$ 36,000 \$ - \$ 36,000 \$ - \$ 36,000 \$ 3	Number	Title		10-11		On Call 10-11		10-12		10-13		Wages		Benefits		Personnel
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 Number Title 10-11 On Call 10-11 10-12 10-13 Wages Benefits Personnel 9900-596 Police Cadet Program - - - 71,400 71,400 9,700 81,100 1500-581 Total Grant Funds \$ - \$ 36,000 - 5 9,600 59,600 4,700 64,300		T & D	\$	1,513,300	\$	49,200	\$	106,800	\$	-	\$		\$	983,200	\$	2,652,500
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 Division Base Pay Bonus/Allow./SD Overtime Part Time/Temp Total Total Total Personnel 9900-596 CDBG \$ - \$ 36,000 \$ - \$ - \$ 36,000 \$ - \$ 36,000 \$ - \$ 36,000 \$ - \$ 36,000 \$ - \$ 36,000 \$ - \$ 36,000 \$ - \$ 36,000 \$ - \$ 36,000 \$ - \$ 36,000 \$ - \$ 36,000 \$ - \$ 36,000 \$ - \$ 36,000 \$ - \$ 36,000 \$ - \$ 36,000 \$ - \$ 36,000 \$ - \$ 59,600 \$ 59,600 \$ 4,700 \$ 64,300	8300-563	Engineering		605,200		10,800		11,100		10,600		637,700		303,800		941,500
8600-526 Footal Electric Fund 338,800 5,200 72,900 - 23,100 3,295,400 1,780,600 5,076,000 - 234,800 5,076,000 - 234,800 5,076,000 - 234,800 5,076,000 - 234,800 5,076,000 - 234,800 5,076,000 - 234,800 5,076,000 - 234,800 5,076,000 - 234,800 5,076,000 - 234,800 5,076,000 - 234,800 5,076,000 - 234,800 5,076,000 - 234,800 5,076,000 - 234,800 5,076,000 - 234,800 - 234,	8400-564			346,700		-		-		-		346,700		133,000		479,700
8600-526 Footal Electric Fund 338,800 5,200 72,900 - 23,100 3,295,400 1,780,600 5,076,000 - 234,800 5,076,000 - 234,800 5,076,000 - 234,800 5,076,000 - 234,800 5,076,000 - 234,800 5,076,000 - 234,800 5,076,000 - 234,800 5,076,000 - 234,800 5,076,000 - 234,800 5,076,000 - 234,800 5,076,000 - 234,800 5,076,000 - 234,800 5,076,000 - 234,800 5,076,000 - 234,800 - 234,	8500-565	Meter Reading		185,100		8,100		19,100		12,500		224,800	l	125,800		350,600
Dept/Div Number Division Base Pay 10-11 Bonus/Allow./SD Overtime 10-11 Part Time/Temp 10-13 Total Wages Mages Mage	8600-526	System Operators		338,800		5,200		72,900		-		416,900		234,800		651,700
Number Title 10-11 On Call 10-11 10-12 10-13 Wages Benefits Personnel 9900-596 CDBG \$ - \$ 36,000		Total Electric Fund	\$	2,989,100	\$	73,300	\$	209,900	\$	23,100	\$	3,295,400	\$	1,780,600	\$	5,076,000
Number Title 10-11 On Call 10-11 10-12 10-13 Wages Benefits Personnel 9900-596 CDBG \$ - \$ 36,000	Dent/Div	Division		Race Pay	P	ionus/Allow /SD		Overtime	D	art Time /Toms		Total		Total		Total
9900-596 CDBG \$ - \$ 36,000 \$ - \$ - \$ 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	• -			•	0				٢							
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			Ċ		¢		¢		¢		¢		¢		Ċ	
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			٦	=	ب	-	٧	_	ب		ب	•	٧	9 700	ڔ	
Total Grant Funds \$ - \$ 36,000 \$ - \$ 131,000 \$ 167,000 \$ 14,400 \$ 181,400		•		-		-		-					l	•		
	1300-301		ć	<u> </u>	ć		ć		ć	•	ć	•	Ċ		Ċ	
GRAND TOTAL \$ 20,876,800 \$ 364,500 \$ 915,400 \$ 813,200 \$ 22,969,900 \$ 13,074,300 \$ 36,044,200		rotal Grant Funus	۶	-	ş	30,000	ب		ş	131,000	٠	107,000	٠	14,400	٠	101,400
		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

		201	4			201	15		2016	2017			
<u>DEPARTMENT</u>	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	-	-	-		-	1	-		-	-	-	#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
				·				<u> </u>	_			· ·	
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



GENERAL FUND

WATER/WASTEWATER FUND

ELECTRIC REVENUE 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

					2021F
2016B	2017B	2018F	2019F	2020F	1.3%
12 822 500	12 022 000				13,598,500
					13,338,300
14.478	0.8%				2.0%
3 008 300	2 120 100				3,387,000
					2.0%
0.3%	7.0%				0.0%
1 427 100	1 401 600				1.401.600
		, - ,	, - ,	, - ,	0.0%
-1.5%	-1.6%				2.0%
1 090 400	1 100 000				1,190,600
					2.0%
-2.3/6	0.5%				0.5%
3 530 000	2 528 200				2,589,448
					0.5%
-1.5%	0.5%				0.5%
370 600	383 000				390,616
			,		0.5%
-21.1%	0.9%				1.0%
1 112 000	1 299 200				1,340,610
					1,340,610
-4.9/8	13.8%				0.5%
145,000	95,000				96,914
· ·					0.5%
89.0%	-34.3/6				2.0%
1 177 200	091 300				1.056.984
		,	,,	, ,	2.0%
0.8%	-10.0%				3.0%
E 006 200	E 219 700				5,873,693
					3,873,093
3.9/6	4.2/6				0.0%
185.000	358 600				258,600
			,		0.0%
0.0%	39.1/6				0.0%
10,000,000	10,000,000				10.000.000
		-,,	-,,	-,,	0.0%
0.0%	0.0%				0.0%
8E0 000	975 000				1,000,000
			,		0.0%
70.0%	2.9%				2.0%
480,000	406 000				537,861
					2.0%
-3.170	3.3%				2.0%
2,000,200	1 672 700				1,810,584
2,090,200	-20.0%	2.0%	2.0%	2.0%	2.0%
	12,833,500 14.4% 2,908,300 0.5% 1,427,100 -1.9% 1,090,400 -2.5% 2,530,000 -1.9% 379,600 -21.1% 1,112,900 -4.9% 145,000 89.6% 1,177,300 0.8% 5,006,200 3.9% 185,900 0.0% 10,000,000 0.0% 850,000 70.0% 480,000 -3.1%	14.4% 0.8% 2,908,300 3,129,100 0.5% 7.6% 1,427,100 1,401,600 -1.9% -1.8% 1,090,400 1,100,000 -2.5% 0.9% 2,530,000 2,538,300 -1.9% 0.3% 379,600 382,900 -21.1% 0.9% 1,112,900 1,288,300 -4.9% 15.8% 145,000 95,000 89.6% -34.5% 1,177,300 981,300 0.8% -16.6% 5,006,200 5,218,700 3.9% 4.2% 185,900 258,600 0.0% 39.1% 10,000,000 10,000,000 0.0% 2.9% 480,000 496,900 -3.1% 3.5% 2,090,200 1,672,700	14.4% 0.8% 1.3% 2,908,300 3,129,100 3,191,700 0.5% 7.6% 2.0% 1,427,100 1,401,600 1,401,600 -1.9% -1.8% 0.0% 1,090,400 1,100,000 1,122,000 -2.5% 0.9% 2.0% 2,530,000 2,538,300 2,550,992 -1.9% 0.3% 0.5% 379,600 382,900 384,815 -21.1% 0.9% 0.5% 1,112,900 1,288,300 1,301,183 -4.9% 15.8% 1.0% 145,000 95,000 95,475 89.6% -34.5% 0.5% 1,177,300 981,300 996,020 0.8% -16.6% 1.5% 1,177,300 981,300 996,020 5,006,200 5,218,700 5,375,261 3.9% 4.2% 3.0% 185,900 258,600 258,600 0.0% 0.0% 0.0% 10,000,000 10,000,000 10,000,000 0.0% 2.9%	12,833,500	12,833,500

Expenditure Assumptions

ACCTTYPE	2016B	2017B	2018F	2019F	2020F	2021F
	20102	_01,5	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 PRO	GRAM	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 RESE	RVE	-	80,000	50,000	15,000	55,000	
TRANSFER FROM COM TRANSP FL	IND	-	-	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 RECEI	PTS	120,800	-	-	-	-	
DONATIONS FOR SPECIFIC PROJECT	CTS	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 & RE	EVENUES	5,833,100	2,433,300	7,237,400	7,064,900	6,885,900	3,728,000
TOTAL BEGINNING BALANCE & RE	EVENUES	5,833,100	2,433,300	7,237,400	7,064,900	6,885,900	3,7

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

CAPITAL IMPROVEMENTS PROC	GRAM	2016B	2017B	2018F	2019F	2020F	2021F
PROGRAM OPERATING EXPENDITU	JRES						
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 EXP	FNDITURES						
515 CITY MANAGER	ENDITORES	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

& Equipment

Streets

City of Dover General Fund Projected Debt Service

Fiscal Year Ending	Та	2012 x- Exempt Loan *		3,660,000 14 Series A Bonds	_	4 SeriesB funding Bond		otal Debt Service	Green Energy Debt Service Contribution		let 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 &	Ga	rrison Farm	20	03 Bond	•			Library	

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Refinanced

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

	Revised 2016	Proposed 2017	Projection 2018	Projection 2019	Projection 2020	Projection 2021
Net Income - Combined Water & Wastewater						
Water Fees	\$ 5,366,600	\$ 5,800,000		\$ 5,858,100		
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		\$ 1,368,400		. , ,
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

	Revised 2016	Proposed 2017	Projection 2018	Projection 2019	Projection 2020	Projection 2021
Net Income - Water						
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	
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

	Revised 2016	Proposed 2017	Projection 2018	Projection 2019	Projection 2020	Projection 2021
Net Income - Wastewater						
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)	. , , ,	(2,537,000)
Operating Transfers - Out	(300,000)		(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)	, ,	(185,100)	(180,700)		(175,500)
Cash From Operations	2,312,900	2,042,300	1,983,000	1,894,000	1,809,201	1,766,402
Guarrian operations	2,0.2,000	2,0.2,000	.,000,000	.,00.,000	.,000,20.	1,7 00, 102
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 Projetd Total
CAPITAL PROJECTS	2016	2017	2016	2019	2020	2021	Total
Vehicles & Equipment (Split W/WW 50%)	\$ -	\$ 30,400	\$ 31,000	\$ 23,000	\$ 28,000	¢ _	\$ 112,400
verilcies & Equipment (Split VV/VV VV 5076)	Φ -	φ 30,400	φ 31,000	\$ 23,000	\$ 28,000	φ -	\$ 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	1,000,000
1.0 MG Elevated Storage Tank	2.468.200		,			,	- 1,000,000
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	0.,200						_
Future Well Installation	80,000	100,000	1,098,300	_	_	_	1,198,300
Wellhead Redevelopment	82,500	85,000		90,000	92,500	95,000	
Water Quality Improvements	895.000	645.800		881,000	919,000	1,167,000	3,878,600
Emergency Repairs - line breaks	75.000	75,000	,	79,000	81,000	83,000	395,000
SCADA Upgrades	83,000	88,000		73,000	-	-	88,000
Treatment Plant Improvements	284,400	1,200,000					2,400,000
Total Water	5,727,000	2,538,800		1,474,300	1,533,200	1.570.000	10,384,600
Total Water	3,727,000	2,338,800	3,200,300	1,474,300	1,333,200	1,370,000	10,364,000
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	1,000,000
Tar Ditch Interceptor Upgrade	100,000	200,000	250,000	200,000	200,000	200,000	250,000
Brandywine Pump Station Replacement	101,200	_	200,000	_	_	_	200,000
Garrison Oak Technical Park - PS & force main	628,500	_		_			
Lepore Road Pump Station Replacement	020,000	50.000	250.000	_	_	_	300,000
Rolling Acres Pump Station Replacement	52,000	372,000	,	_	_	_	372,000
Turnberry Pump Station	02,000	072,000	_	_	_	60.000	60,000
DelTech Pump Station Replacement	_	52,000	384,000		_	-	436,000
Westover Pump Station & Force Main Upgrade	1.292.400	32,000	304,000	-	_	-	430,000
Lakeview Drive Pump Station Replacement	359,600	_	-	-	-	-	-
·	339,600	52,000	-	396.000	-	-	448,000
Sliver Lake Pump Station Replacement	140,000		-	396,000	-	-	448,000
US Rt. 113 East Pump Station Repair Hazlettville Road Interceptor - Impact Fees	140,000 774,100	-	-	-	-	-	-
	774,100		-	-	408.000	-	460.000
Walker Woods Pump Station Replacement	-	52,000	-	-	,	420.000	475.000
College Road Pump Station Replacement	447 700	_	-	-	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	l	l <u></u> .					
Inflow/Infiltration Removal/System Improvements	223,800	1,121,000		1,171,000	1,169,000	1,167,000	5,801,000
Misc. Sewer System Improvements	75,000	75,000		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
T-4-1 M-4 (M4	£44.000.400	£ 4 500 400	A E 750 000	£ 2.700.700	A 2 EE2 C22	£ 2.040.000	£ 24 200 000
Total Water/Wastewater Improvements	\$ 17,026,100	a 4,590,400	\$ 5,752,300	a 3,780,700	a 3,552,600	\$ 3,6TU,000	\$21,286,000

Capital Improvement Plan - Funding Sources

	Revised	Proposed	Projection	Projection	Projection	Projection	5 Yr Projctd
FUNDING SOURCES	2016	2017	2018	2019	2020	2021	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		ries 2000 stewater	Series Waster		Series 2010 Water		es 2011 tewater	R	ries 2013 evenue ds - Water	F	eries 2013 Revenue Bonds - astewater		tal Water		Total astewater ot Service	_	otal Debt Service
6/30/2017	\$	53,000	\$ 3	47,100	\$ 161,300	\$	58,200	\$	355,900	\$	151,800	\$	517,200	\$	610,100	\$	1,127,300
6/30/2018	٧	53,000		47,100	161,300	Ψ	58,200	Ψ	355,800	Ψ	151,800	٧	517,100	Ψ	610,100	Ψ	1,127,200
6/30/2019		53.000		47,100	161,300		58,200		359,100		153,100		520,400		611,400		1,131,800
6/30/2020		53,000		47,100	161,300		58,200		355,100		151,400		516,400		609,700		1,126,100
6/30/2021		-		47,100	161,300		58,200		357,900		152,600		519,200		557,900		1,077,100
6/30/2022		-		47,100	161,300		58,200		356,900		152,200		518,200		557,500		1,075,700
6/30/2023		-		47,100	161,300		58,200		355,700		151,700		517,000		557,000		1,074,000
6/30/2024		-	3	47,100	161,300		58,200		357,700		152,600		519,000		557,900		1,076,900
6/30/2025		-	3	47,100	161,300		58,200		214,400		91,500		375,700		496,800		872,500
6/30/2026		-	3	47,100	161,300		58,200		213,300		91,000		374,600		496,300		870,900
6/30/2027		-	3	47,100	161,300		58,200		211,800		90,300		373,100		495,600		868,700
6/30/2028		-	3	47,100	161,300		58,200		213,300		91,000		374,600		496,300		870,900
6/30/2029		-	3	47,100	161,300		58,200		214,000		91,300		375,300		496,600		871,900
6/30/2030		-	3	47,100	161,300		58,200		214,000		91,300		375,300		496,600		871,900
6/30/2031		-	3	47,100	80,700		58,200		214,400		91,500		295,100		496,800		791,900
6/30/2032		-	1	73,600	-		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	\$ 5,3	80,100	\$ 2,338,900	\$	902,100	\$	4,985,900	\$	2,126,600	\$	7,324,800	\$	8,620,800	\$	15,945,600

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	S	eries 2017 Water	eries 2017 astewater	eries 2018 astewater	er Wastewater I		Total Water Debt Service		Total astewater bt Service	ables 1 & 2 otal 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

Reserve Account Projections

	Revised	Proposed	Projection	Projection	Projection	Projection
	2016	2017	2018	2019	2020	2021
	2010	2017	2010	2010	2020	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	ψ.σσ,2σσ	ψ.σσ,σσσ	Ψ2 .0,000	Ψ200,000	\$252,555	Ψ20 1,7 00
Interest Earned	800	1,000	1,900	1,900	1,900	1,900
Appropriations	32,000	110,000	.,000	.,000	.,000	.,000
Total Funds Available	\$138,000	\$249,000	\$250,900	\$252,800	\$254,700	\$256,600
Disbursements	4 ,	4= 10,000	+ ,	+ ,	+ ,,	+===,===
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	Ψ100,200	Ψ101,000	Ψ200, 100	Ψ200,000	Ψ200,000	Ψ200,000
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	Ψ101,000	φ200, 100	Ψ200,000	Ψ200,000	Ψ200,000	Ψ200,000
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			\$1,171,600		
Balance in Account on July 1	\$427,500	\$430,700	\$243,200	\$196,300	\$111,400	\$112,200
Receipts	4 1, 7	4,.		*,	* ,	* · · · · · · · · · · · · · · · · · · ·
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		\$1,590,900		\$1,402,400		
Receipts	1 - 1,1 - 1 - 1,1 - 1	• •,•••,•••	+ 1, 1,	¥ 1, 10=, 100	+ 1, 112, 122	+ 1, 10 1,000
Interest Earned	13,200	12,100	10,600	10,700	10,700	10,700
Total Funds Available				\$1,413,100		
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 Resry - 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				\$3,085,800	\$3,087,200	\$2,918,700



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	I	(773,000)	2,750,000	-	4,000,000	3,000,000	-
Reinvestment of Reserve Interest	1	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	Proposed	Projected	Projected	Projected	Projected
	2016	2017	2018	2019	2020	2021
Purchased Power [1]	- 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									
			•			_		_	4-0-000
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

Plant Operations
Capacity Credits
PJM Spot Market Energy (Net of Fuel)
PJM Credits
Net Generation - Operations

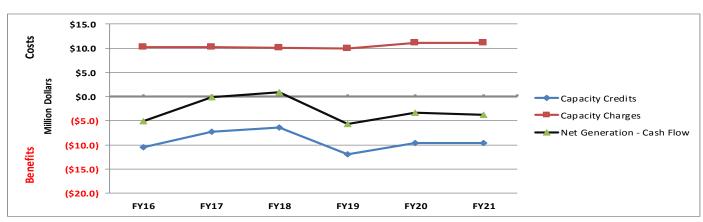
Net Generation - Cash Flow

Capital Cost

FY16		FY17		FY18	FY19		FY20	FY21	FY17 thru
Revised	F	Proposed	ı	Projected	Projected	Projected		Projected	FY21
\$ 6,382,900	\$	6,217,100	\$	5,716,700	\$ 5,844,800	\$	5,975,800	\$ 6,109,800	\$ 29,864,200
(10,472,100)		(7,355,100)		(6,434,300)	(12,004,400)		(9,611,900)	(9,585,600)	(44,991,300)
(2,875,600)		(502,300)		(826,500)	(759,500)		(335,600)	(703,800)	(3,127,700)
(360,000)		(360,000)		(367,200)	(374,500)		(382,000)	(389,700)	(1,873,400)
(7,324,800)		(2,000,300)		(1,911,300)	(7,293,600)		(4,353,700)	(4,569,300)	(20, 128, 200)
2,299,800		1,842,800		2,770,000	1,668,000		964,000	715,000	7,959,800
\$ (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	I	Revised 2016	Р	roposed 2017	-	Projected 2018	F	Projected 2019	- 1	Projected 2020	F	Projected 2021	١	∕r 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	1	30,000		-7		-		-						-
System Operations Voice Recorder		-	1	-		-		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
	1													
Electric Transmission & Distribution Projects	_	= 40 45 -	۱ _	=00.00-	_	=00.00-	_	=00.05-	_	=00.0	_	=00.05=	_	
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	1	900,000		900,000		900,000		900,000		900,000		4,500,000
DNREC R & R Metering		41,000	1	-		-		-		-		-		-
NBR Properties, LLC		11,500		-		-		-		-		-		
PWII/Tar Ditch - Relocation of utility poles & lines		- `	1	450,000				-				- 100 05-		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	<u> </u>	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

CARITAL PROJECTS		Revised 2016	ı	Proposed		Projected 2018		Projected 2019		Projected 2020		Projected 2021	`	/r 1 - Yr 5
CAPITAL PROJECTS		2016		2017		2018		2019		2020		2021		Total
Electric Generation Projects														
McKee Run & VanSant Preservation of Structures	\$	215.000	\$	131,000	Ф	130.000	æ	100,000	Ф	100,000		125.000		586.000
McKee Run Building Equipment Replacements	Φ	42.000	Ψ	59,000	Φ	99,000	Φ	27,000	Φ	66,000		175,000		426,000
		4,500		59,000		99,000		27,000		66,000		175,000		426,000
Unit 3 Software & Compupter Upgrades - CEMS		,		-		-		-		-		-		-
Unit 3 - Stack Repairs		485,000		382,000		160,000		299.000		-		235,000		1,156,000
Unit 3 Boiler Systems		122,800				,		,		80,000		,		
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	\$	33 000	\$	41 000	Ф		æ		Ф		Ф		•	41 000
Subtotal Electric Administration Division	\$	23,000 23.000	\$	41,800 41.800		-	\$ \$		\$ \$		Φ	-	\$ \$	41,800 64.800
Subtotal Electric Administration Division	1.0	23,000	Þ	41,000	Þ	-	Ф	-	Ф	-	Ф	-	Ð	04,000
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	Proposed	Projected	Projected	Projected	Projected	Yr 1 - Yr 5
	2016	2017	2018	2019	2020	2021	Total
Funding Sources							
Electric I & E Fund Beginning Budget Balance	\$ 6,904,500	\$ 5,349,700	\$ 3,025,10	0 \$ 1,357,700	\$ 2,470,700	\$ 4,214,200	
Transfer from Operating Fund	3,500,000	2,500,000	4,500,00	0 5,000,000	5,000,000	5,000,000	22,000,000
Transfer from Other Funds		. -	862,50	0 -	-	-	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	900,00	0 900,000	900,000	900,000	4,500,000
Grants	15,000	5,000	170,00	0 -	-	-	175,000
Interest Earnings	57,900	40,700	23,00	0 9,000	17,500	30,700	120,900
Total Funding Sources	7,580,900	3,445,700	6,455,50	0 5,909,000	11,917,500	5,930,700	35,308,600
Total Beginning Balance & Funding Sources	\$ 14,485,400	\$ 8,795,400	\$ 9,480,60	0 \$ 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	\$ 1,357,70	0 \$ 2,470,700	\$ 4,214,200	\$ 6,919,900	

Projected Debt Service

City of Dover Electric Revenue Fund Projected Debt Service

Electric Re	venue	Fund
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	Liectific Neveri		
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

	T	Revised		Proposed	$\overline{}$	Projected		Projected	-	Projected		Projected
	_	2016		2017		2018		2019		2020		2021
Depreciation Reserve Account (Policy \$10 mil)		ļ	i									
Balance in Account on July 1	\$	9,957,900	\$	10,083,600	\$	10,910,200	\$	10,993,100	\$ 1	11,076,600	\$	11,160,800
Receipts			i									
Interest Earned		75,700	i	76,600		82,900		83,500		84,200		84,800
Transfer from Future Capacity Reserve		50,000	i	_		_		_		-		_
Appropriations	\perp	-		750,000		_				-		_
Total Funds Available	\$	10,083,600	\$	10,910,200	\$	10,993,100	\$	11,076,600	\$ 1	11,160,800	\$	11,245,600
Disbursements			i									
Transfer to Capital Improvements (CIP)	\bot	=		<u> </u>		_				-		_
Balance in Account on June 30	\$	10,083,600	\$	10,910,200	\$	10,993,100	\$	11,076,600	\$ 1	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	1	10, 107,000	—	.0, .0 ., .00	Ψ	.0,001,100	Ψ	, ,	Ψ	.0, .20,000	Ψ	.2, .00,000
Interest Earned		76,800	i	77,000		83,300		83,900		69,400		92,700
Appropriations	1	. 2,230	i	750,000		,-50		4,000,000		3,000,000		,. 00
Total Funds Available	\$	10.184.700	\$	10,961,700	\$	11,045,000	\$	15,128,900	\$.	18.198.300	\$	12,291,000
Disbursements	1			,	•			,		,		,
Transfer to Capital Improvements	1	_ !	i	_		_		_		6,000,000		_
Transfer to Depreciation Reserve	1	(50,000)	i	_		_		_		-,,		_
Balance in Account on June 30	\$	10,134,700	\$	10,961,700	\$	11,045,000	\$	15,128,900	\$.	12,198,300	\$	12,291,000
	÷		Ė		Ė				Ė			
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	Ψ	740,700	Ψ	750,500	Ψ	702,000	Ψ	707,000	Ψ	770,000	Ψ	775,500
Interest Earned		5.600	i	5.700		5.800		5.800		5,900		5,900
Appropriations		10,000	i	3,700		3,600		5,600		5,500		3,900
Total Funds Available	\$	756,300	\$	762,000	\$	767,800	\$	773,600	\$	779,500	\$	785,400
Disbursements	Ψ	730,300	Ψ	702,000	Ψ	707,000	Ψ	773,000	Ψ	779,500	Ψ	765,400
Transfer (to)/from Operations		_	i	_		_		_		_		_
Balance in Account on June 30	\$	756,300	\$	762,000	\$	767,800	\$	773,600	\$	779,500	\$	785,400
			Ė									
Pata Stabilization Assaunt	_											
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	Φ	7,505,500	Φ	7,207,100	Φ	6,511,900	Φ	8,576,600	Φ	8,641,600	Φ	8,707,500
Interest Earned		57,000	i	54,800		64,700		65,200		65,700		66,200
Appropriations		394,800	i	1,250,000		64,700		05,200		65,700		66,200
Total Funds Available	<₽	7,957,100	\$	8,511,900	Φ.	8,576,600	4	8,641,800	-	8,707,500	\$	8,773,700
Disbursements	Ψ	7,337,100	Ψ	5,511,500	Ψ	5,575,500	Ψ	5,541,500	Ψ	5,707,500	Ψ	5,775,700
Transfer to Operations	1	(750,000)	i									
Balance in Account on June 30	\$	7,207,100	\$	8,511,900	\$	8,576,600	.\$.	8,641,800	.	8,707,500	\$	8,773,700
	Ψ.		Ψ		Ψ		Ψ		Ψ		Ψ	
Reserve Requirement - (10% - 20% of Purchased Power)		16.89%		19.82%	_	19.15%	_	22.15%	_	21.07%	_	21.07%
Reserve Requirement Status	Ex	ceeds 10%	Ex	ceeds 10%	Ex	ceeds 10%	Ex	ceeds 10%	Ex	ceeds 10%	Ex	ceeds 10%
Contingency Reserve Account			i -									
Balance in Account on July 1	\$	822,637	\$	841,937	\$	848,337	\$	854,737	\$	861,237	\$	867,737
Receipts	1		i									
Interest Earned	1	6,300	i	6,400		6,400		6,500		6,500		6,600
Appropriations	L_	13,000	<u> </u>			_				-		_
Total Funds Available	\$	841,937	\$	848,337	\$	854,737	\$	861,237	\$	867,737	\$	874,337
Disbursements	1		i									
Transfer (to)/from Operations	L	_	<u></u>			-				_		_
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 ,		oĸ		ok .		OK .		ok .		oĸ
Reserve Requirement Status									_	<u> </u>		
Total All Reserves at June 30	Te	29,023,637	•	31,994,137	•	32,237,237	Φ	36,482,137	•	33,713,837	•	33,970,037

Alternative Budget & Forecast

- Incorporates \$.00252 Power Cost Adjustment (PCA) credit
- Financial <u>estimates</u> 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

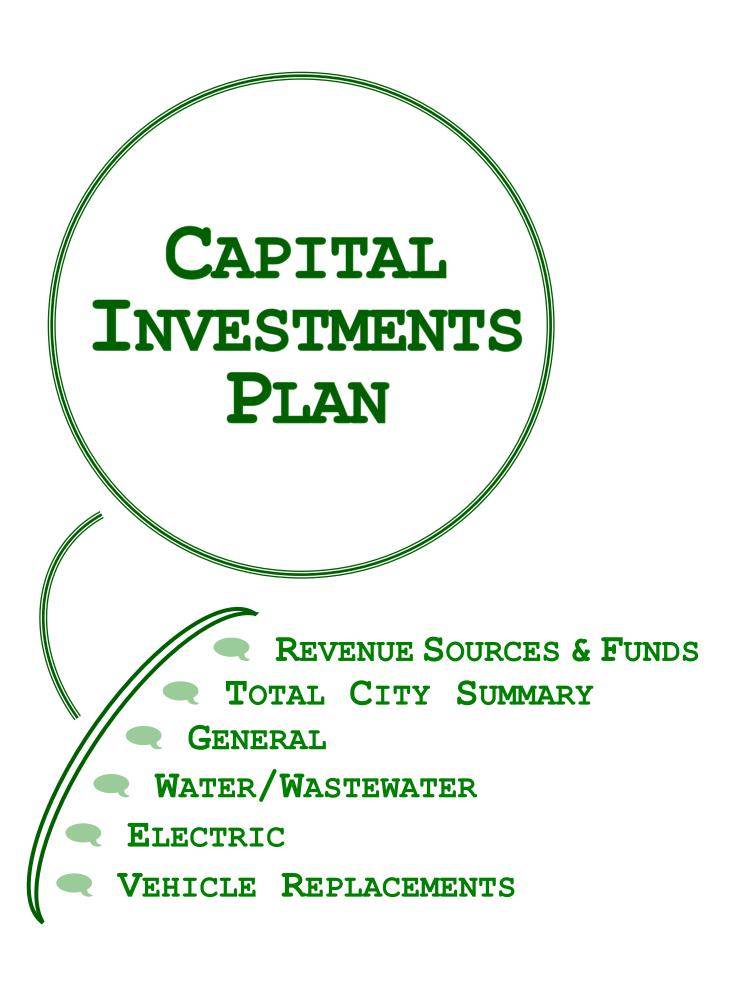
	Revised 2016	Proposed 2017	Projected 2018	Projected 2019	Projected 2020	Projected 2021	Yr 1 - Yr 5 Total
Net Income							
Revenue from Current Electric Rates	\$ 78,493,800	\$ 78,991,200	\$79,768,300	\$80,778,700	\$81,642,700	\$82,518,500	\$ 403,699,400
Revenue from Power Cost Adjustments (PCA)	-	(1,798,000)	(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)
Cook From Operations	9.070.000	7 227 600	6 542 600	12 922 000	10 004 100	10.077.000	49 F67 100
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 2020	F	Projected 2021	,	Yr 1 - Yr 5 Total
\$ 9,892,700	\$	8,215,600	\$ 7,39	95,200	\$13,653	3,700	\$11,669,900	\$1	11,727,900	\$	50,827,100
\$ 3,287,700	\$	1,583,000	\$ 1,58	81,600	\$ 1,584	1,800	\$ 1,585,800	\$	1,590,000	\$	9,622,900
3 01		5 10		4 68		8 62	7 36	3	7 38		5.28
											3.20
			Λ.4		1.104			,	_		
iviet		iviet	IVI	let	Wet		iviet		iviet		
8 12%		8 23%		7 1/1%	1/1	63%	12 100	%	12 03%		
\$	\$ 9,892,700 \$ 3,287,700 3.01 1.25 Met	\$ 9,892,700 \$ \$ 3,287,700 \$ 3.01 1.25	\$ 9,892,700 \$ 8,215,600 \$ 3,287,700 \$ 1,583,000 3.01 5.19 1.25 Met Met	\$ 9,892,700 \$ 8,215,600 \$ 7,3 \$ 3,287,700 \$ 1,583,000 \$ 1,5 3.01 5.19 1.25 Met Met M	\$ 9,892,700 \$ 8,215,600 \$ 7,395,200 \$ 3,287,700 \$ 1,583,000 \$ 1,581,600 \$ 3.01 \$ 1.25 \$ 1.25 \$ Met \$ M	\$ 9,892,700 \$ 8,215,600 \$ 7,395,200 \$13,653 \$ 3,287,700 \$ 1,583,000 \$ 1,581,600 \$ 1,584 3.01 5.19 4.68 1.25 Met Met Met	\$ 9,892,700 \$ 8,215,600 \$ 7,395,200 \$13,653,700 \$ 3,287,700 \$ 1,583,000 \$ 1,581,600 \$ 1,584,800 \$ 1.25	\$ 9,892,700 \$ 8,215,600 \$ 7,395,200 \$13,653,700 \$11,669,900 \$ 3,287,700 \$ 1,583,000 \$ 1,581,600 \$ 1,584,800 \$ 1,585,800 \$ 1.25	\$ 9,892,700 \$ 8,215,600 \$ 7,395,200 \$13,653,700 \$11,669,900 \$ 3,287,700 \$ 1,583,000 \$ 1,581,600 \$ 1,584,800 \$ 1,585,800 \$ 3.01 \$ 5.19 \$ 4.68 \$ 8.62 \$ 7.36 \$ 1.25 \$ 1.25 \$ 2.25 \$ Met \$ Me	\$ 9,892,700 \$ 8,215,600 \$ 7,395,200 \$13,653,700 \$11,669,900 \$11,727,900 \$ 3,287,700 \$ 1,583,000 \$ 1,581,600 \$ 1,584,800 \$ 1,585,800 \$ 1,590,000 \$ 1.25	\$ 9,892,700 \$ 8,215,600 \$ 7,395,200 \$13,653,700 \$11,669,900 \$11,727,900 \$ \$ 3,287,700 \$ 1,583,000 \$ 1,581,600 \$ 1,584,800 \$ 1,585,800 \$ 1,590,000 \$ 3.01 5.19 4.68 8.62 7.36 7.38 1.25 1.25 1.25 1.25 1.25 Met Met Met Met Met Met Met Met

Cash Flow Position

CASH SUMMARY	Revised 2016	Proposed 2017	F	Projected 2018	Projecte 2019	ed	Projected 2020	Projected 2021	Yr 1 - Yr 5 Total
Cash from Operations	\$ 8,970,000	\$ 7,327,600	\$	6,543,600	\$12,833,9	900	\$10,884,100	\$10,977,900	
Transfer to I & E Fund	\$ 3,500,000	\$ 3,400,000	\$	5,400,000	\$ 5,900,0	000	\$ 5,900,000	\$ 5,900,000	\$ 26,500,000
Transfer (from)/to Reserves	(773,000)	2,750,000		-	4,000,0	000	3,000,000	-	9,750,000
Reinvestment of Reserve Interest	279,300	261,200		266,100	254,9	900	250,100	380,100	1,412,400
Debt Service Principal	2,365,000	695,000		730,000	765,0	000	800,000	840,000	3,830,000
Total Cash Budget Requirements	5,371,300	7,106,200		6,396,100	10,919,9	900	9,950,100	7,120,100	41,492,400
Net Positive/(Negative Cash)	\$ 3,598,700	\$ 221,400	\$	147,500	\$ 1,914,0	000	\$ 934,000	\$ 3,857,800	\$ 7,074,700



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	i		30,000				30,000
DE Sewer Revolving Loan Fund	I		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



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	I		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	I		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	I		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 17 thru FY 21

City of Dover, Delaware

PR1701

Project Name Dover Park - Master Plan

New Project: No **Account Number:** 147-1500-525.40-31

Time-Line: FY16-FY18

Status Active

Priority

Category General

Useful Life

Department Parks and Recreation

Type Improvement

Contact Parks & Recreation Director

Total Project Cost: \$50,000

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

Description

Project #

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 17 thru FY 21

Department Parks and Recreation

Contact Public Works Director

Project # PR1702

City of Dover, Delaware

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

Status Active

Time-Line: FY17

Total Project Cost: \$190,000

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

Description

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	t Im	pact/	Other	
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FY 17 thru FY 21

City of Dover, Delaware

Project # PR1703

Project Name Park and Playground Improvement Program

New Project: No
Time-Line: FY17-FY20

Account Number: 147-1500-525.40-31

Status Active

Priority 3

Department Parks and Recreation

Type Improvement

Useful Life 10-15 years

Category General

Contact Public Works Director

Description Total Project Cost: \$132,000

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/Maintena	ince		66,000		66,000	FY 21	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 17 thru FY 21

City of Dover, Delaware

PR1704 Project #

New Project: No

Project Name Small Park Improvements

Time-Line: FY17-FY20

Account Number: 147-1500-525.40-31

Status Active

Department Parks and Recreation

Type Improvement

Useful Life 10-15 years

Category General

Priority 4

Contact Parks & Recreation Director

Total Project Cost: \$60,000

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

Description

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/Maintenand	се	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 17 thru FY 21

City of Dover, Delaware

PR1801 Project #

Project Name Silver Lake Park - Master Plan&Plan Implementation

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

Time-Line: FY18-FY20

DNREC would be part of the planning process.

Department Parks and Recreation

Contact Parks & Recreation Director

Type Improvement

Useful Life

Category General

Priority

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

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 17 thru FY 21

City of Dover, Delaware

PD1701 Project #

Project Name Video Storage Array for In-Car Video Recordings

Account Number: 147-1700-541.40-28 New Project: Yes

Time-Line:

Status Active

Useful Life 1-5 years

Category General

Priority

Department Police

Contact Capt Stump Type Technology

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/Furnishi	ngs	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 17 thru FY 21

City of Dover, Delaware

Project # PD1801

New Project: Yes

Time-Line: FY18-FY19

Project Name Server Consolidation

Type Technology
Useful Life 5 years

Contact Capt Stump

Category Information Technology

Priority 1

Department Police

Status Active

Description Total Project Cost: \$86,400

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.

Account Number: 147-1700-541.40-26

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
- 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 17 thru FY 21

City of Dover, Delaware

Project # ST1602

Project Name Stormwater/Old PW2 Site Improvements

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

Time-Line: FY17-FY21

Department Public Works - Streets

Contact Public Works Director

Type Improvement **Useful Life** 90+ years

Category General

Priority 1

Status Active

Total Project Cost: \$7,650,000

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

Description

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/Maintena	nce		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 17 thru FY 21

City of Dover, Delaware

ST1701 Project #

Project Name Street, Concrete and Alley Program

New Project: No **Account Number:** 147-1800-554.40-31

Time-Line: FY17-FY21

Category General

Useful Life 20-25 years

Department Public Works - Streets

Type Improvement

Contact Public Works Director

Priority

Status Active

Total Project Cost: \$5,425,500

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. Delaving 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

Description

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/Maintena	ınce	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 17 thru FY 21

City of Dover, Delaware

Project # ST1703

Project Name Silver Lake Dam Improvements

New Project: Yes
Time-Line: FY16-FY20

Account Number: 147-1800-554.40-31

Status Active

Useful Life 50 years

Category General

Department Public Works - Streets

Type Improvement

Contact Public Works Director

Total Project Cost: \$126,000

Priority 3

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

Rudget Impact/Other

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/Maintena	ınce	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

Danger Empares Galler	

FY 17 thru FY 21

City of Dover, Delaware

ST1801 Project #

New Project: No

Project Name Redevelopment of Schutte Park

Time-Line: FY18-FY20

Account Number: 147-1800-554.40-31

Priority 1

Status Active

Useful Life 90+ years

Category General

Department Public Works - Streets

Type Improvement

Contact Public Works Director

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

Buc	lget	Im	nact/	Other
Du		-	Duc u	Ouici

Project Name Dover Library Conveyance System Improvements

FY 17 thru FY 21

City of Dover, Delaware

ST1803

Department Public Works - Streets Contact Public Works Director

Type Improvement

Useful Life 50 years

Category General

Status Active

Priority 1

New Project: Yes Time-Line: FY18 **Account Number:** 147-2500-552.40-31

Total Project Cost: \$250,000

Description

Project #

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
Tota	al	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
Tota	al	50,000	200,000			250,000

Budget Impact/Other	

FY 17 thru FY 21

City of Dover, Delaware

Department Public Works - Streets Contact Public Works Director

Type Improvement

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

Useful Life 50 years

Category General

Priority 4

Account Number: 147-1800-554.40-31 New Project: Yes Time-Line: FY19

Status Active

Description

Total Project Cost: \$150,000

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	I		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

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
Wastewater Management	1							_
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	l							
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	I							
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 17 thru FY 21

City of Dover, Delaware

WW1603 Project #

Project Name Rolling Acres Pump Station Replacement

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

Time-Line: FY16-FY17

Priority Status Active

Department Wastewater Management

Contact Public Works Director

Type Improvement

Category Water/Wastewater

Useful Life 20-25 years

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 17 thru FY 21

City of Dover, Delaware

WW1700 Project #

Project Name Meter Replacement Program

New Project: Yes **Account Number:** 417-6900-569.40-31

Time-Line: FY17-FY21

Total Project Cost: \$1,000,000

Priority

Department Wastewater Management

Contact Public Works Director

Type Improvement

Category Water/Wastewater

Useful Life 20 years

Status Active

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 17 thru FY 21

City of Dover, Delaware

Project # WW1701

Project Name Inflow/Infiltration Removal

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

Time-Line: FY17-FY21

Useful Life 50-80

Category Water/Wastewater

Type Improvement

Department Wastewater Management

Contact Public Works Director

Priority 1

Status Active

Total Project Cost: \$5,801,000

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

Description

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 17 thru FY 21

City of Dover, Delaware

Project # WW1702

New Project: Yes

Project Name Miscellaneous Emergency Sanitary Sewer Repairs

Useful Life 50-80

Category Water/Wastewater

Type Improvement

Department Wastewater Management

Contact Public Works Director

Priority 2

Time-Line: FY17-FY21 Status Active

Total Project Cost: \$395,000

Account Number: 417-6900-569.40-31

Description

Total Project Cost: \$395,000

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 17 thru FY 21

City of Dover, Delaware

Project # WW1704

Project Name Lepore Road Sanitary Sewer Upgrade

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

Time-Line: FY17-FY18

Department Wastewater Management **Contact** Public Works Director

Type Improvement **Useful Life** 90+ years

Category Water/Wastewater

Priority 4

Status Active

Description Total Project Cost: \$300,000

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
Tota	al 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
Tota	al 50,000	250.000				300,000

Budget Impact/Other	

FY 17 thru FY 21

City of Dover, Delaware

Project # WW1705

Project Name Delaware Tech Pump Station Replacement

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

Time-Line: FY17-FY18

Contact Public Works Director

Department Wastewater Management

Type Improvement
Useful Life 20-25 years

Category Water/Wastewater

Priority 5

Status Active

Description Total Project Cost: \$436,000

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 17 thru FY 21

City of Dover, Delaware

Project # WW1706

Project Name Silver Lake Pump Station Replacement

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

Time-Line: FY17 - FY19

Contact Public Works Director

Type Improvement

Department Wastewater Management

Useful Life 20-25 years
Category Water/Wastewater

Priority 6 -Status Active

Total Project Cost: \$448,000

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

Description

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 17 thru FY 21

City of Dover, Delaware

Project # WW1707

Project Name Walker Woods Pump Station Replacement

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

Time-Line: FY19-FY20

Useful Life 20-25 years

Category Water/Wastewater

Type Improvement

Department Wastewater Management

Contact Public Works Director

Priority 7 --

Status Active

Description Total Project Cost: \$460,000

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	t Im	pact/	Other	
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FY 17 thru FY 21

City of Dover, Delaware

WW1805 Project #

Project Name Tar Ditch Interceptor

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

Time-Line: FY18

Status Active

Priority 5

Department Wastewater Management

Type Improvement

Category Water/Wastewater

Useful Life 20-25 years

Contact Public Utilities Director

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
To	otal	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
Te	otal	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 17 thru FY 21

City of Dover, Delaware

Project # WW2004

Project Name College Road Pump Station Replacement

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

Time-Line: FY20-FY21

Department Wastewater Management

Contact Public Works Director

Type Improvement **Useful Life** 20-25 years

Category Water/Wastewater

Priority 4

Status Active

Description Total Project Cost: \$475,000

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
To	otal			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
To	otal			55,000	420,000	475,000

Budget Impact/Other	

FY 17 thru FY 21

Department Wastewater Management

Contact

Project # WW2104

City of Dover, Delaware

Project Name Turnberry Pump Station Replacement

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

New Project: Yes Account Number: 417-6900-569.40-31 Priority 4

egory water/wastewater

Time-Line: FY21

Status Active

Description

Total Project Cost: \$60,000

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
To	otal				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
To	otal				60,000	60,000

Budget Impact/Other	

FY 17 thru FY 21

City of Dover, Delaware

WD1605 Project #

Project Name Future Well Installation

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

Time-Line: FY16-FY18

Total Project Cost: \$1,198,300

Useful Life 100+

Priority 5

Status Active

Department Water Management

Type Improvement

Category Water/Wastewater

Contact Public Works Director

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/Maintena	nce		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 Fur	nd		1,098,300				1,098,300
·	Total	100,000	1,098,300				1,198,300

Budge	t Imp	act/O	ther
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FY 17 thru FY 21

City of Dover, Delaware

WD1700 Project #

Project Name Meter Replacement Project

New Project: Yes **Account Number:** 417-6800-568.40-31

Time-Line: FY17-FY21

Total Project Cost: \$1,000,000

Priority

Department Water Management

Type Improvement

Category Water/Wastewater

Useful Life 20 years

Status Active

Contact Public Works Director

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 17 thru FY 21

City of Dover, Delaware

Project # WD1701

Project Name Wellhead Redevelopment Program

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

Time-Line: FY17-FY21

Status Active

Category

Priority

Department Water Management

Type Improvement

Useful Life 20-25 years

Contact Public Works Director

Water/Wastewater

Description Total Project Cost: \$450,000

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 17 thru FY 21

City of Dover, Delaware

WD1705 Project #

Project Name SCADA Equipment Technology Upgrade

New Project: No Time-Line: FY17 **Account Number:** 417-6800-568.40-31

Status Active Total Project Cost: \$88,000

Priority

Useful Life 10-12 years

Department Water Management

Type Improvement

Category Water/Wastewater

Contact Public Works Director

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 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

Useful Life 90+ years

Category Water/Wastewater

Type Improvement

Department Water Management

Contact Public Works Director

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-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

Buc	lget	Impa	act/(Other
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FY 17 thru FY 21

City of Dover, Delaware

Project # WQ1703

Project Name Miscellaneous Emergency Water Repairs

New Project: Yes
Time-Line: FY17-FY21

Account Number: 417-6800-568.40-31

Total Project Cost: \$395,000

Useful Life 50-80

Priority 3

Status Active

Department Water Management

Type Improvement

Category Water/Wastewater

Contact Public Works Director

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 In	pact/Other
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FY 17 thru FY 21

City of Dover, Delaware

Project # WD1609

Project Name Water Treatment Plant Process Improvements

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

Time-Line: FY15-FY18

Department Water Treatment Plant

Contact Public Works Director

Type Improvement
Useful Life 20-25 years

Category Water/Wastewater

Priority 4

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

Budget Impact/Other



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

69 kV Cable Replacement North Street EE1605 1	Department	Project#	Priority	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Search Cability	Electric Engineering	<u> </u>							
Fault Indicators	Townpoint Development ~ Distribution Feeders	EE1513	1	350,000	350,000	350,000	350,000	350,000	1,750,000
North Steel OH to IU (Covernors to Queen)	69 kV Cable Replacement North Street	EE1605	1		480,700				480,700
SCADA Master Hardware Replacement	Fault Indicators	EE1610	2	10,000	10,000	10,000	10,000		40,000
UPS System Replacement	North Street OH to UG (Governors to Queen)	EE1631	n/a		170,000				170,000
Transmission Line Maintenance Program	SCADA Master Hardware Replacement	EE1700	1	150,000					150,000
Lighting Project and Rehabilitation EE1704 1 50,000 50,000 50,000 50,000 50,000 20,000 250,000 250,000 50,000 50,000 50,000 50,000 50,000 50,000 250,000 250,000 250,000 50,000 50,000 50,000 50,000 50,000 50,000 50,000 50,000 50,000 50,000 50,000 50,000 25	UPS System Replacement	EE1701	1	25,000					25,000
Distribution Capacitors and Controls	Transmission Line Maintenance Program	EE1703	2	75,000	75,000	75,000	75,000	75,000	375,000
LED Lighting Upgrade	Lighting Project and Rehabilitation	EE1704	1	50,000	50,000	50,000	50,000	50,000	250,000
Ampacity Standardization	Distribution Capacitors and Controls	EE1706	2	50,000	50,000	50,000	50,000	50,000	250,000
Ampacity Standardization	LED Lighting Upgrade	EE1707	1	17,500					17,500
Substation Relay Upgrade		EE1708	2		25,000	25,000	25,000	25,000	125,000
Carrision Oak / Sun Park Substation		EE1709	2		150,000	75,000			350,000
College Road Consolidation EE1809 6	- · · · ·	EE1801	5				6,000,000		6,050,000
Distribution Upgrades	College Road Consolidation		6						120,000
Ann Avenue Underground Upgrade					.,	300.000	600.000		900,000
Receive on Avenue Underground Upgrade EE1812 3 80,000 150,000 150,000 150,000 600,000			2		126.000	,	,		
System Automation									80,000
System Operations Voice Recorder EE1900 1 18,000 18,000 18,000 110,000					,	150.000	150.000	150.000	
Farmview Underground Upgrade	,				,		,	,	
Electric T & D	•		2						
Electric T & D									90,000
Public Works Wetlands Project (Tar Ditch) EE1710 1 450,000 1,500,000 1,500,000 1,500,000 1,500,000 7,500,000 1,500,000 1,500,000 1,500,000 1,500,000 1,500,000 7,000,000 1,500,000 1,500,000 1,500,000 1,500,000 1,500,000 7,950,000 1,500,000	Electric Engineering Tota	1	_	877,500	1,886,700	1,303,000	7,310,000	700,000	12,077,200
Public Works Wetlands Project (Tar Ditch) EE1710 1 450,000 1,500,000 1,500,000 1,500,000 1,500,000 7,500,000 1,500,000 1,500,000 1,500,000 1,500,000 1,500,000 7,000,000 1,500,000 1,500,000 1,500,000 1,500,000 1,500,000 7,950,000 1,500,000	Electric T & D	1							
Power Plant		EE1710	1	450,000					450,000
Power Plant					1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Power Plant Toda	·	l	_						7,950,000
Power Plant Toda	Finance	1	_						
Power Plant		FN1701	1	1,000,000	1,000,000	300,000			2,300,000
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 37,000 100,000 100,000 125,000 586,000 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 96,000 200,000 200,000 200,000 200,000	Finance Tota	1	_	1,000,000	1,000,000	300,000			2,300,000
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 37,000 100,000 100,000 125,000 586,000 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 96,000 200,000 200,000 200,000 200,000	Power Plant	1							
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 37,000 100,000 100,000 125,000 586,000 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 96,000 200,000 500,000 500,000 500,000 500,000 500,000 500,000 500,000 500,000 500,000 500,000 500,000 500,000 500,000 500,000		FG1504	1	382 000	160 000	299 nnn	80 000	235 000	1 156 000
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 37,000 100,000 100,000 125,000 586,000 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 96,000 200,000 200,000 200,000	-		-						
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 37,000 100,000 100,000 125,000 586,000 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 96,000 200,000 200,000 200,000									
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 96,000 200,000 200,000 Unit #3 Fast Start Upgrade EG1706 2 200,000 200,000 200,000				120,000	201,000				
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Unit #3 Fast Start Upgrade <i>EG1706</i> 2 200,000 200,000	, .				1,040,000		150,000		
,				90,000	200 000				
Unit 3 Cooling water Line Repairs EG 1709 3 469,000 469,00	. 3			460,000	∠∪∪,∪∪∪				
	Unit a Cooling water Line Repairs	EG1/09	3	409,000					409,000

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	I	_	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 17 thru FY 21

City of Dover, Delaware

EE1513 Project #

Project Name Townpoint Development ~ Distribution Feeders

New Project: Yes

Time-Line: Multi-year

Account Number: 487-8300-563.90-25

Total Project Cost: \$2,350,000

Priority

Department Electric Engineering

Contact Electric Director Type Improvement

Useful Life 20-25 years

Status Active

Category Electric

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	Tot	al 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

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 17 thru FY 21

Type Improvement

Useful Life 30+ years

Category Electric

Priority

Total Project Cost: \$615,700

Department Electric Engineering

Contact Electric Director

City of Dover, Delaware

Project # EE1605

Project Name 69 kV Cable Replacement North Street

New Project: No Account Number: 487-8300-563.50-83

Time-Line: FY15-FY18 Status Active

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

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

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

Category Electric

Priority 2

Time-Line: FY16-FY20

Status Active

Description Total Pr

Total Project Cost: \$40,000

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/Maintena	ince	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

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FY 17 thru FY 21

Department Electric Engineering

Contact Electric Director

EE1631 Project #

City of Dover, Delaware

Useful Life

Type Improvement

Project Name North Street OH to UG (Governors to Queen)

New Project: Yes

Account Number: 487-8300-563.90-25

Category Electric Priority n/a

Time-Line:

Status Active

Description

Total Project Cost: \$170,000

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/Maintena	ınce		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	Bud	get	Imp	act/	Otl	ıer
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FY 17 thru FY 21

City of Dover, Delaware

Project # EE1652

Project Name South New Street Lighting Project

New Project: Yes
Time-Line: FY16-FY17

Account Number: 487-8200-562.60-34

Status Active

Department Electric Engineering

Contact Electric Director

Type Improvement

Useful Life 10-15 years

Category Electric

Priority

Description Total Project Cost: \$70,000

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		

Project Name SCADA Master Hardware Replacement

City of Dover, Delaware

EE1700

FY 17 thru FY 21

Department Electric Engineering

Contact Electric Director

Type Equipment Useful Life 5-10 years

Category Electric

Priority

Status Active

Account Number: 487-8300-563.80-38

Time-Line: FY17 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

Dudget Immeet/Other

Project #

New Project: Yes

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

Expenditures		FY 17	FY 18	FY 19	FY 20	FY 21	Total
Equip/Vehicle/Furnish	ings	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/Onlei	

FY 17 thru FY 21

Department Electric Engineering

Contact Electric Director

Project # EE1701

City of Dover, Delaware

Project Name UPS System Replacement

Type Equipment Useful Life 5-10 years

OI S System Replacement

Category Electric

New Project: Yes **Account Number:** 487-8300-563.40-25

Priority 1
Status Active

Time-Line: FY17

Total Project Cost: \$25,000

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 until the back up generator comes on when the input power source fails.

Justification

Description

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/Furnish	ings	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 17 thru FY 21

City of Dover, Delaware

Project # EE1703

Project Name Transmission Line Maintenance Program

New Project: No
Time-Line: On Going Maint.

Account Number: 487-8300-563.70-35

Total Project Cost: \$375,000

Department Electric Engineering

Contact Electric Director

Type Maintenance

Useful Life 20-25 years

Status Active

Category Electric

Priority 2

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

Insulators 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/Maintena	ince	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

Bud	get	Impa	ct/O	ther

FY 17 thru FY 21

City of Dover, Delaware

EE1704 Project #

Project Name Lighting Project and Rehabilitation

New Project: No

Account Number: 487-8300-563.50-76

Time-Line: Continuous

Total Project Cost: \$250,000

Priority

Department Electric Engineering

Contact Electric Director Type Maintenance

Useful Life 10-12 years

Status Active

Category Electric

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

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

Total Project Cost: \$250,000

Priority

Department Electric Engineering

Contact Electric Director

Type Improvement

Useful Life 15-20 years

2

Status Active

Category Electric

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/Maintena	ınce	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

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FY 17 thru FY 21

City of Dover, Delaware

EE1707

Project Name LED Lighting Upgrade

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

Time-Line: FY17

Priority Status Active

Department Electric Engineering

Contact Electric Director Type Improvement

Useful Life 7 - 10 years

Category Electric

Total Project Cost: \$17,500

Description

Project #

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/Maintena	nce	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 17 thru FY 21

City of Dover, Delaware

EE1708 Project #

Project Name Ampacity Standardization

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

Time-Line: FY17-FY21

Priority 2 Status Active

Useful Life 15-20 years

Category Electric

Department Electric Engineering

Contact Electric Director Type Improvement

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/Maintena	ance	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

Bud	get	Imi	nact	Other)	

FY 17 thru FY 21

City of Dover, Delaware

Project # EE1709

Project Name Substation Relay Upgrade

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

Time-Line: FY17 - FY19

Useful Life 25 - 30 years

Department Electric Engineering

Contact Electric Director

Type Improvement

Category Electric

Priority 2

Status Active

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/Maintena	ance	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	
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FY 17 thru FY 21

City of Dover, Delaware

EE1801 Project #

Project Name Garrision Oak / Sun Park Substation

New Project: Yes

Time-Line: FY18-FY20

Account Number:

Status Active

Useful Life 30 Years

Category Electric

Department Electric Engineering

Contact Electric Director Type Equipment

Total Project Cost: \$6,050,000

Priority

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

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/Maintenanc	е				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	

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FY 17 thru FY 21

City of Dover, Delaware

EE1809

Project Name College Road Consolidation

New Project: Yes

Time-Line: FY18

Account Number: 487-8300-563.40-31

Status Total Project Cost: \$120,000

Priority

Department Electric Engineering

Contact Electric Director Type Improvement

Active

Useful Life 25 - 30 years

Category Electric

Description

Project #

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
То	tal	120,000				120,000
Funding Sources	FY 17	FY 18	FY 19	FY 20	FY 21	Total
Electric Revenue		120,000				120,000
To	tal	120,000				120,000

Budget Impact/Other	

FY 17 thru FY 21

Department Electric Engineering

Contact Electric Director

Type Improvement Useful Life 20-25 years

Category Electric

Status Active

Priority

Time-Line: On Going Maint.

New Project: No

City of Dover, Delaware

EE1810

Project Name Distribution Upgrades

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.

Account Number: 487-8300-563.90-25

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

Justification

Project #

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 17 thru FY 21

City of Dover, Delaware

Project # EE1811

Project Name Ann Avenue Underground Upgrade

New Project: Yes
Time-Line: FY18

Account Number: 110-2700-571.40-31

Total Project Cost: \$126,000

Priority 2

Department Electric Engineering

Contact Electric Director

Type Improvement

Useful Life 15-20 years

Status Active

Category Electric

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/Maintena	nce		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 17 thru FY 21

City of Dover, Delaware

EE1812 Project #

Project Name Beechwood Avenue Underground Upgrade

New Project: Yes

Time-Line: FY18

Account Number: 487-8300-563.40-31

Status Active

Total Project Cost: \$80,000

Department Electric Engineering

Contact Electric Director Type Improvement

Useful Life 15-20 years

Category Electric

Priority 3

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/Maintena	nce		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 17 thru FY 21

Department Electric Engineering City of Dover, Delaware Contact Electric Director

EE1813 Project #

Project Name System Automation

Account Number: 487-8300-563.70-28

New Project: No

Priority 4

Type Improvement

Useful Life 5-10 years

Category Electric

Time-Line: FY17-FY21 Status Active Total Project Cost: \$600,000

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

Justification

Description

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

Bud	get	Impact	Other

City of Dover, Delaware

FY 17 thru FY 21

Department Electric Engineering

Contact Electric Director

Project # EE1900

New Project: Yes

Project Name System Operations Voice Recorder

Type Equipment **Useful Life** 5-10 years

riority 1

Total Project Cost: \$18,000

Time-Line: FY19 Status Active

Replace aging System Operations voice recorder

Justification

Description

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/Furnishing	S		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

Budge	et Imp	act/O	ther

FY 17 thru FY 21

City of Dover, Delaware

EE1901 Project #

Project Name Farmview Underground Upgrade

New Project: Yes Time-Line: FY19 **Account Number:** 487-8300-563.40-31

Priority 2 Status Active

Useful Life 15-20 years

Category Electric

Department Electric Engineering

Contact Electric Director Type Improvement

Description

Total Project Cost: \$110,000

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	е		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
1	Total		110,000			110,000

Budget Impact/Other	

FY 17 thru FY 21

City of Dover, Delaware

EE1902 Project #

Project Name The Greens Underground Upgrade

New Project: Yes

Time-Line: FY19

Account Number: 487-8300-563.40-31

Total Project Cost: \$90,000

Department Electric Engineering

Contact Electric Director Type Improvement

Useful Life 15-20 years

Status Active

Category Electric

Priority 3

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 1	7 FY 18	FY 19	FY 20	FY 21	Total
Construction/Maintenan	се		90,000			90,000
	Total		90,000			90,000
Funding Sources	FY 1	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 17 thru FY 21

City of Dover, Delaware

Project # EE1710

Project Name Public Works Wetlands Project (Tar Ditch)

New Project: Yes

Account Number: 487-8200-562.60-34

Time-Line: FY16-FY17

Status Active
Total Project Cost: \$450,000

Department Electric T & D

Useful Life 20-25 years

Category Electric

Priority

Contact Electric Director

Type Improvement

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/Maintena	ınce	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

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FY 17 thru FY 21

Department Electric T & D

Contact Public Works Director

Project # EE1717

New Project: No

Project Name New Developments

City of Dover, Delaware

Type Improvement
Useful Life 30+ years
Category Electric

Total Project Cost: \$7,500,000

Account Number: 4878200-562.Several Priority 1

Time-Line: Continuous Status Active

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
To	otal _	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
0		1 1 1/	F 1 10	1117	1 1 20	1 1 21	Total
Developer Contribution		900,000	900,000	900,000	900,000	900,000	4,500,000
Developer Contribution Electric Revenue				/	1120		

FY 17 thru FY 21

City of Dover, Delaware

FN1701 Project #

Project Name Enterprise Resource Planning (ERP) Solution

New Project: Yes **Account Number:** 480-9900-582.90-23

Time-Line: FY17-FY21

Total Project Cost: \$2,300,000

Priority

Department Finance

Useful Life 10 years

Category Electric

Status Active

Contact Controller/Treasurer

Type Technology

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
		402,300				.02,000

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 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	To	otal _	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	To	otal	382,000	160,000	299,000	80,000	235,000	1,156,000

FY 17 thru FY 21

City of Dover, Delaware

Project # EG1601

Project Name McKee Run Building Equipment Replacement

New Project: No **Account Number:** 487-8101-591.40-31

Time-Line: Multi-year

Category Electric

Priority 3

Status Active

Useful Life Unknown

Department Power Plant

Contact Power Plant Manager

Type Maintenance

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

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

Useful Life

Category Electric

Department Power Plant

Contact Power Plant Manager

Type Maintenance

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

FY 17 thru FY 21

Department Power Plant

Useful Life Unknown

Category Electric

Priority

Total Project Cost: \$484,000

Contact Power Plant Manager

Type Maintenance

City of Dover, Delaware

EG1609 Project #

Project Name Van Sant Unit 11 Component Replacements

New Project: No

Account Number: 487-8101-591.40-31 Time-Line: Multi-year

Status Active

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 17 thru FY 21

City of Dover, Delaware

EG1610 Project #

Project Name Plant Systems Safety & Compliance Improvements

Account Number: 487-8101-591.40-31 New Project: No

Time-Line: Multi-year

Total Project Cost: \$149,000

Priority

Useful Life

Department Power Plant

Category Electric

Status Active

Contact Power Plant Manager

Type Maintenance

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

Rudget Impact/Other

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

Danger Impact outer	

FY 17 thru FY 21

City of Dover, Delaware

Project # EG1611

Project Name McKee Run & VanSant - Preservation of Structures

New Project: No Account Number: 487-8101-591.40-31

Time-Line: Multi-year

Total Project Cost: \$586,000

Priority

Department Power Plant

Useful Life Unknown

Category Electric

Status Active

Contact Power Plant Manager

Type Maintenance

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

Bud	get I	lmpac	t/C	Ither
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FY 17 thru FY 21

City of Dover, Delaware

EG1701 Project #

Project Name Van Sant Unit 11 Major Inspection

New Project: No **Account Number:** 487-8101-591.40-31

Time-Line:

Total Project Cost: \$2,098,000

Priority

Department Power Plant

Useful Life 20 years

Category Electric

Status Active

Contact Power Plant Manager

Type Improvement

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/Maintena	nce	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 17 thru FY 21

City of Dover, Delaware

EG1704 Project #

Project Name McKee Run Unit 3 Hydrogen Purity Analyzer

New Project: Yes

Time-Line: FY17

Account Number: 487-8101-591.40-31

Total Project Cost: \$96,000

Priority

Useful Life

Department Power Plant

Category Electric

Status Active

Contact Power Plant Manager

Type Maintenance

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/Maintena	Construction/Maintenance						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.

City of Dover, Delaware

FY 17 thru FY 21

Department Power Plant

Contact Power Plant Manager

Project # EG1706

Type Maintenance

Project Name Unit #3 Fast Start Upgrade Useful Life

Category Electric

New Project: Yes Account Number: 487-8101-591-40-31

Priority 2

Time-Line: FY18

Status Active

Description Total Project Cost: \$200,000

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/Maintena	nce		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	

City of Dover, Delaware

EG1709

FY 17 thru FY 21

Department Power Plant

Contact Power Plant Manager

Type Maintenance Useful Life Unknown

Category Electric

Priority

Status Active

Time-Line: FY17

Project Name Unit 3 Cooling Water Line Repairs

Total Project Cost: \$469,000 Description

Account Number: 487-8101-591.40-31

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

Project #

New Project: Yes

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 17 thru FY 21

City of Dover, Delaware

EG1711 Project #

Project Name VanSant Fire Suppression System Upgrade

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

Time-Line: FY17

Total Project Cost: \$285,000

Priority

Department Power Plant

Useful Life Unknown

Category Electric

Status Active

Contact Power Plant Manager

Type Maintenance

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/Maintena	nce		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 17 thru FY 21

Department Power Plant

Contact

EG1807 Project #

Project Name Hydrogen Generator

City of Dover, Delaware

Type Maintenance

Useful Life

Category Electric

Priority

Status Active

Time-Line: FY18

New Project: Yes

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. .

Account Number: 487-5101-591.40-31

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/Maintena	ınce		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 17 thru FY 21

City of Dover, Delaware

EG1901 Project #

Project Name McKee Run Unit #3 Turbine Repairs - Generator

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

Time-Line: Multi-year

Status Active Total Project Cost: \$488,000

Priority

Department Power Plant

Useful Life Unknown

Category Electric

Contact Power Plant Manager

Type Maintenance

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/Maintenand	ce		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 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

Contact Power Plant Manager

Department Power Plant

Type Maintenance

Useful Life Unknown
Category Electric

Priority 2

Status Active

Total Project Cost: \$463,000

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

Description

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/Maintenan	ce		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

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
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	İ							
Engine 7 - 1997 Pierce Dash Pumper	I 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		. 0, . 00	. 0, . 00	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	I							
1998 Ford F150 #129	17Veh #129	n/a	31,000					31,000
2001 Dodge Ram 150 #130	18Veh #130	n/a	0.,000	38,000				38,000
2003 Chevrolet 1500 HD Flat Bed #119	19Veh# 119	n/a		00,000	60,000			60,000
Fleet Maintenance Total		_	31,000	38,000	60,000			129,000
Life Safety (Fire Marshal)	İ							
2008 Dodge Durango	17Veh# 12	n/a	29,500					29,500
Life Safety (Fire Marshal) Total		_	29,500					29,500
Permtting and Inspections	I							
2001 Dodge Pick Up	l 16Veh# 19	n/a					17,000	17,000
							17,000	
2001 Dodge Pick Up 2005 Ford F150	16Veh# 22 17Veh# 13	n/a n/a		16,000			17,000	17,000 16,000
Permtting and Inspections Total				16,000			34,000	50,000
refiniting and hispections Total		_		10,000			34,000	00,000
Planning								
2004 Ford Station Wagon	17Veh# 3	n/a		16,000				16,000
Planning Total				16,000				16,000
Police	İ							
ronce								

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				<u> </u>	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

2021 Chevy Tahoe PPV (229) 2021 Dodge Charger Admin (231) 2021 Dodge Charger Admin (235)	21Veh# 229 21Veh# 231 21Veh# 235 21Veh# 241 21Veh# 242	n/a n/a n/a					33,600	33,600
2021 Dodge Charger Admin (235)	21Veh# 235 21Veh# 241							
2021 Dodge Charger Admin (235)	21Veh# 241	n/a					24,400	24,400
0004 D 1 01 DDV/(044)							24,400	24,400
2021 Dodge Charger PPV (241)	21Veh# 242	n/a					26,500	26,500
2021 Dodge Charger PPV (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 Tota	l	_	287,300	408,300	355,900	364,700	367,400	1,783,600
Public Works - Grounds	1							
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 Tota	l	_	58,200	59,800	188,000	153,000	151,000	610,000
Public Works - Sanitation								
	17Vob# 441	2	261,500					261 500
2008 Peterbilt Automated Trash Truck (441)	17Veh# 441	3	201,500	165,000				261,500
2008 Intn't Rear Loader (445) 2010 Peterbilt Automated Trash Truck #455	18Veh# 445 18Veh# 455	4		266,700				165,000 266,700
2009 International Bulk Trash Truck #446	19Veh# 446	3 3		200,700	155,100			155,100
2003 Peterbilt Automated Trash Truck #444	19Veh#444				272,000			272,000
2002 Hurst Trailer #453	19Veh#453	n/a			2,000			2,000
		n/a			2,000	22 200		
2008 Ford F150 #440 2008 International Rear Loader #452	20Veh#440	n/a				32,200		32,200
	20Veh#452	n/a				172,700	222.000	172,700
2011 Peterbilt Automated Trash Truck #450 2008 International Rear Loader Trash Truck #452	21Veh#450 21Veh#452	n/a n/a					332,000 295,000	332,000 295,000
Public Works - Sanitation Tota	1	_	261,500	431,700	429,100	204,900	627,000	1,954,200
Public Works - Streets	ī							
	471/-1-4 204	2		120 000				400.000
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	407.000			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	475 100		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 Tota	1	_		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	l	_					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

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
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	I	_	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	I		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			189,000 29.000				189,000 29.000
2008 Ingersoll Air Compressor #407 2008 Ford 1/2 Ton Utility Truck #698 (split)	18Veh#407 18Veh#698-2	n/a		29,000				29,000
2008 Ford 1/2 Ton Utility Truck #698 (split)	18Veh#698-2	n/a n/a			59.400			29,000 16,500
2008 Ford 1/2 Ton Utility Truck #698 (split) 2008 Case 590 Backhoe #672 (Split)	18Veh#698-2 19Veh #672-1	n/a n/a n/a		29,000	59,400 78.000			29,000 16,500 59,400
2008 Ford 1/2 Ton Utility Truck #698 (split) 2008 Case 590 Backhoe #672 (Split) 2008 International Dump Truck 14' #681 (Split)	18Veh#698-2 19Veh #672-1 19Veh #681-1	n/a n/a n/a n/a		29,000	78,000			29,000 16,500 59,400 78,000
2008 Ford 1/2 Ton Utility Truck #698 (split) 2008 Case 590 Backhoe #672 (Split) 2008 International Dump Truck 14' #681 (Split) 2009 Wacker RT820 Vibratory Trench Roller #401	18Veh#698-2 19Veh #672-1 19Veh #681-1 19Veh#401	n/a n/a n/a n/a n/a		29,000		61.900		29,000 16,500 59,400 78,000 36,900
2008 Ford 1/2 Ton Utility Truck #698 (split) 2008 Case 590 Backhoe #672 (Split) 2008 International Dump Truck 14' #681 (Split) 2009 Wacker RT820 Vibratory Trench Roller #401 2005 Case Backhoe #682 (Split)	18Veh#698-2 19Veh #672-1 19Veh #681-1 19Veh#401 20Veh# 682	n/a n/a n/a n/a n/a n/a		29,000	78,000	61,900 40,000		29,000 16,500 59,400 78,000 36,900 61,900
2008 Ford 1/2 Ton Utility Truck #698 (split) 2008 Case 590 Backhoe #672 (Split) 2008 International Dump Truck 14' #681 (Split) 2009 Wacker RT820 Vibratory Trench Roller #401 2005 Case Backhoe #682 (Split) 2012 Ford F250 Super Duty XL #403	18Veh#698-2 19Veh #672-1 19Veh #681-1 19Veh#401 20Veh# 682 20Veh#403	n/a n/a n/a n/a n/a n/a n/a		29,000	78,000	40,000		29,000 16,500 59,400 78,000 36,900 61,900 40,000
2008 Ford 1/2 Ton Utility Truck #698 (split) 2008 Case 590 Backhoe #672 (Split) 2008 International Dump Truck 14' #681 (Split) 2009 Wacker RT820 Vibratory Trench Roller #401 2005 Case Backhoe #682 (Split) 2012 Ford F250 Super Duty XL #403 2012 Ford F250 Super Duty XL #426	18Veh#698-2 19Veh #672-1 19Veh #681-1 19Veh#401 20Veh# 682 20Veh#403 20Veh#426	n/a n/a n/a n/a n/a n/a n/a		29,000	78,000	40,000 40,000		29,000 16,500 59,400 78,000 36,900 61,900 40,000
2008 Ford 1/2 Ton Utility Truck #698 (split) 2008 Case 590 Backhoe #672 (Split) 2008 International Dump Truck 14' #681 (Split) 2009 Wacker RT820 Vibratory Trench Roller #401 2005 Case Backhoe #682 (Split) 2012 Ford F250 Super Duty XL #403	18Veh#698-2 19Veh #672-1 19Veh #681-1 19Veh#401 20Veh# 682 20Veh#403	n/a n/a n/a n/a n/a n/a n/a		29,000	78,000	40,000	25,000	29,000 16,500 59,400 78,000 36,900 61,900 40,000
2008 Ford 1/2 Ton Utility Truck #698 (split) 2008 Case 590 Backhoe #672 (Split) 2008 International Dump Truck 14' #681 (Split) 2009 Wacker RT820 Vibratory Trench Roller #401 2005 Case Backhoe #682 (Split) 2012 Ford F250 Super Duty XL #403 2012 Ford F250 Super Duty XL #426 2012 Chevrolet Silverado 1500 WT #695 (split)	18Veh#698-2 19Veh #672-1 19Veh #681-1 19Veh#401 20Veh# 682 20Veh#403 20Veh#426 20Veh#695-2 21Veh#415	n/a n/a n/a n/a n/a n/a n/a n/a	145,000	29,000	78,000	40,000 40,000	25,000 25,000	29,000 16,500 59,400 78,000 36,900 40,000 40,000 16,500
2008 Ford 1/2 Ton Utility Truck #698 (split) 2008 Case 590 Backhoe #672 (Split) 2008 International Dump Truck 14' #681 (Split) 2009 Wacker RT820 Vibratory Trench Roller #401 2005 Case Backhoe #682 (Split) 2012 Ford F250 Super Duty XL #403 2012 Ford F250 Super Duty XL #426 2012 Chevrolet Silverado 1500 WT #695 (split) 1997 Kruger Trailer #415	18Veh#698-2 19Veh #672-1 19Veh #681-1 19Veh#401 20Veh# 682 20Veh#403 20Veh#426 20Veh#695-2 21Veh#415	n/a n/a n/a n/a n/a n/a n/a n/a	145,000	29,000 16,500	78,000 36,900	40,000 40,000 16,500	•	29,000 16,500 59,400 78,000 36,900 40,000 40,000 16,500 25,000
2008 Ford 1/2 Ton Utility Truck #698 (split) 2008 Case 590 Backhoe #672 (Split) 2008 International Dump Truck 14' #681 (Split) 2009 Wacker RT820 Vibratory Trench Roller #401 2005 Case Backhoe #682 (Split) 2012 Ford F250 Super Duty XL #403 2012 Ford F250 Super Duty XL #426 2012 Chevrolet Silverado 1500 WT #695 (split) 1997 Kruger Trailer #415 Water Management Total	18Veh#698-2 19Veh #672-1 19Veh #681-1 19Veh#401 20Veh# 682 20Veh#403 20Veh#426 20Veh#695-2 21Veh#415	n/a n/a n/a n/a n/a n/a n/a n/a	145,000	29,000 16,500	78,000 36,900	40,000 40,000 16,500	•	29,000 16,500 59,400 78,000 36,900 40,000 40,000 16,500 25,000

Department	Project#	Priority	FY 17	FY 18	FY 19	FY 20	FY 21	Total
2010 Ford 1-Ton Utility Truck w/ Gate 3620 2011 Ford Ranger #621	20Veh# 620 20Veh#621	n/a n/a				56,300 26,000		56,300 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

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 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	ĺ							
2017 Ford F250XL 4X4 Reg Cab (727)	I 17PPVeh# 727	7 1	32,900					32,900
2017 Ford F250XL 4X4 Reg Cab (729)	17PPVeh# 729		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



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

Debt Limit Net (Taxable) Assessed Value on Books	Estimated 2017 \$ 152,960 3,059,204	Estimated 2016 \$ 152,516 3,050,322		2014 \$ 157,995 3,159,894	2013 \$ 159,075 3,181,496	2012 \$ 158,465 3,169,308	2011 \$ 156,832 \$ 3,136,639	2010 145,351 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		

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.

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)

City of Dover

General Fund

Projected Debt Service

Fiscal Year Ending	Ta	2012 Tax- Exempt Loan *		\$3,660,000 2014 Series A Bonds Refunc		2014 SeriesB Refunding Bond Total Debt Service		Refunding Service Debt Service		unding Total Debt Debt Service		Debt Service		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 &	Ga	rrison Farm	20	003 Bond				Library		-		
		Streets	&	Equipment	Re	efinanced								

^{*} 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	 ries 2000 Istewater	ries 2009 astewater	s	eries 2010 Water	 eries 2011 astewater	otal Water bt Service	 Total /astewater ebt Service		Fotal 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	S	eries 2017 Water	eries 2017 astewater	eries 2018 Vastewater	eries 2019 astewater	otal Water bt Service	Total astewater ebt Service	otal 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 Reve	nue	Bonds	Total Debt	_
6/30/2017	\$ 695,000	\$	918,704	\$ 1,613,70)4
6/30/2018	730,000		883,954	1,613,95	54
6/30/2019	765,000		847,454	1,612,45	54
6/30/2020	800,000		815,706	1,615,70)6
6/30/2021	840,000		781,706	1,621,70)6
6/30/2022	880,000		746,006	1,626,00)6
6/30/2023	925,000		707,506	1,632,50)6
6/30/2024	970,000		665,881	1,635,88	31
6/30/2025	1,015,000		622,231	1,637,23	31
6/30/2026	1,065,000		576,555	1,641,55	55
6/30/2027	1,120,000		527,300	1,647,30	0
6/30/2028	1,175,000		475,500	1,650,50	00
6/30/2029	1,230,000		416,750	1,646,75	0
6/30/2030	1,290,000		355,250	1,645,25	0
6/30/2031	1,355,000		290,750	1,645,75	0
6/30/2032	1,420,000		223,000	1,643,00	00
6/30/2033	1,485,000		152,000	1,637,00	00
6/30/2034	 1,555,000		77,750	1,632,75	50
Total	\$ 19,315,000	\$	10,084,003	\$ 32,800,95	57



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 REVIEWFiscal 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

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

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

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

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

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

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

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

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

Overall Operating Expenses	1,143,800	2%↑
Administrative Expenditures	34,000	29%个
Materials & Supplies	32,600	21%↓
Personnel Costs	1,077,200	2%个

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

Overall Operating Expenses	1,008,600	3%↑
Administrative Expenditures	194,300	11%↑
Materials & Supplies	2,700	48%↓
Personnel Costs	811,600	2%个

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

Overall Operating Expenses	585,100	4%↑
Administrative Expenditures	257,200	2%↓
Materials & Supplies	13,900	7%↓
Personnel Costs	314,000	11%个

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

Total Expenditures	867,400	3%↓
Capital Outlay	145,700	0%
Overall Operating Expenses	721,700	3%↓
Administrative Expenditures	284,000	15%↓
Materials & Supplies	0	100%↓
Personnel Costs	437,700	7% ↑

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

Overall Operating Expenses	392,500	2%↑
Administrative Expenditures	18,000	33%↓
Materials & Supplies	29,400	24%√
Personnel Costs	345,100	8%↑

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

Overall Operating Expenses	716,300	2%↑
Administrative Expenditures	176,200	5%↑
Materials & Supplies	98,700	2%↑
Personnel Costs	441,400	0%

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

Overall Operating Expenses	1,635,000	8%↑
Administrative Expenditures	207,100	34%↑
Materials & Supplies	58,900	18%↓
Personnel Costs	1,369,000	7% ↑

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

Total Expenditures	912,900	25 %↑
Capital Outlay	165,000	0%
Overall Operating Expenses	747,900	3%↑
Administrative Expenditures	191,400	5%↓
Materials & Supplies	57,000	6%↓
Personnel Costs	499,500	7% 个

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% 个
Materials & Supplies	370,600	14%↓
Administrative Expenditures	874,400	25%个
Overall Operating Expenses	16,875,200	7%个
Capital Outlay	299,800	14%个
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

Overall Operating Expenses	244,000	4%↑
Administrative Expenditures	23,600	4%↓
Materials & Supplies	2,500	17%↓
Personnel Costs	217,900	5%个

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%个
Administrative Expenditures	20,400	3%↑
Overall Operating Expenses	546,800	2%↑
Capital Outlay	0	ο%
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

Overall Operating Expenses	697,900	5%个
Administrative Expenditures	192,100	1%↓
Materials & Supplies	2,200	70%↓
Personnel Costs	503,600	9%个

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

Overall Operating Expenses	421,100	ο%↑
Administrative Expenditures	6,500	44%↓
Materials & Supplies	18,300	18%↓
Personnel Costs	396,300	3%↑

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

Total Expenditures	514,700	4%↓
Capital Outlay	29,500	47%↓
Overall Operating Expenses	485,200	1%↑
Administrative Expenditures	253,300	0%
Materials & Supplies	300	96%↓
Personnel Costs	231,600	5%↑

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

Overall Operating Expenses	237,700	ο%
Administrative Expenditures	22,400	13%↓
Materials & Supplies	900	40%↓
Personnel Costs	214,400	2% ↑

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

Overall Operating Expenses	680,000	8%↑
Administrative Expenditures	11,500	47%↓
Materials & Supplies	6,900	38%↓
Personnel Costs	661,600	11%↑

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

Total Expenditures	634,800	10%↓
Capital Outlay	27,700	0%
Overall Operating Expenses	607,100	14%↓
Administrative Expenditures	123,200	14%↓
Materials & Supplies	24,400	11%↓
Personnel Costs	459,500	13%↓

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

Total Expenditures	807,300	5%↓
Capital Outlay	31,000	63%↓
Overall Operating Expenses	776,300	1%↑
Administrative Expenditures	6,000	9%↓
Materials & Supplies	304,100	1%↓
Personnel Costs	466,200	3%↑

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

Total Expenditures	1,259,500	11%↓
Capital Outlay	58,200	71%↓
Overall Operating Expenses	1,201,300	1%↓
Administrative Expenditures	194,700	16%↓
Materials & Supplies	53,200	2%↓
Personnel Costs	953,400	3%↑

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

Total Expenditures	2,294,300	12%↓
Capital Outlay	261,500	42% ↓
Overall Operating Expenses	2,032,800	6%↓
Administrative Expenditures	1,275,200	12%↓
Materials & Supplies	24,700	1%↓
Personnel Costs	732,900	7% ↑

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

Total Expenditures	2,189,500	4%↑
Capital Outlay	1,026,000	28%↓
Overall Operating Expenses	1,163,500	72%↑
Administrative Expenditures	327,500	343%↑
Materials & Supplies	247,000	171 %↑
Personnel Costs	589,000	16%个

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

Overall Operating Expenses	207,000	14%个
Administrative Expenditures	2,500	38%↓
Materials & Supplies	900	55%↓
Personnel Costs	203,600	16%↑

Highlights:

Personnel costs increased \$28,200 due to having a full year budget for all three positions versus 10 months in the prior year.

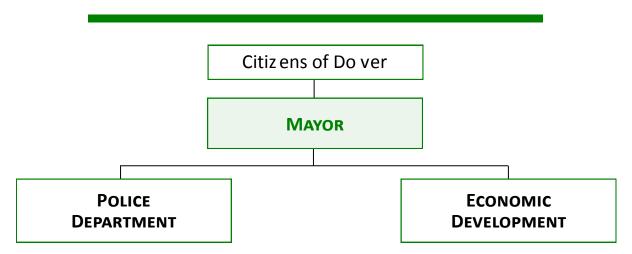
Materials and supplies have decreased due to reduction of computer hardware of \$1,300 offset by a small increase in computer software.

Administrative expenditures decreased \$1,500 in contractual services.

FY 2017 Annual Operating Budget —Dover, Delaware

Mayor

Fiscal Year 2017 Organizational Chart



MAYOR 110-3200-519

		20	12-2013	20	13-2014	20	14-2015	20	15-2016	20	15-2016	20	16-2017	%
ACCT	DESCRIPTION	Α	CTUAL	Α	CTUAL	Α	CTUAL	В	UDGET	R	EVISED	PR	OPOSED	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 BURGET		4000/		000/		4000/		000/		4000/		070/	
	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	

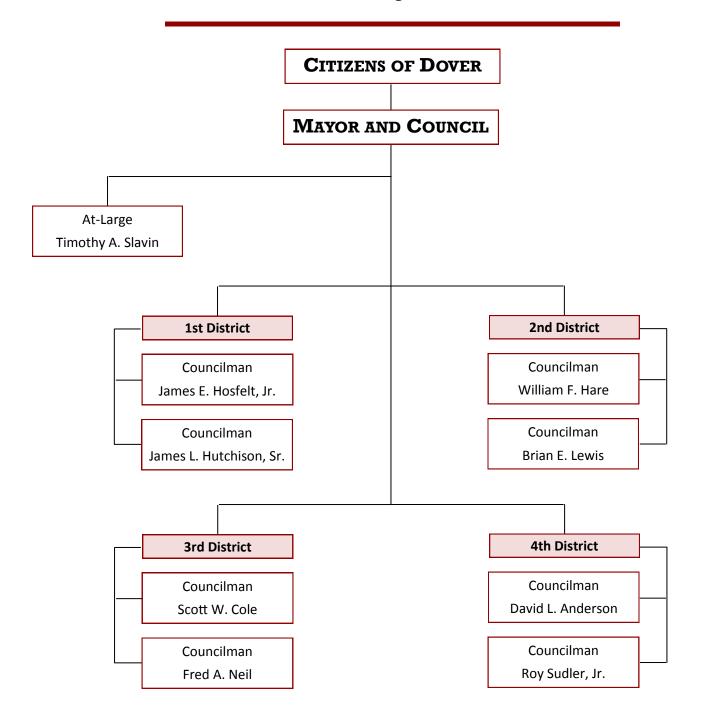
ECONOMIC DEVELOPMENT 110-1600-535

ACCT 10-11 10-14 10-15 10-16 10-17 10-19 10-20	DESCRIPTION SALARIES FICA TAXES HEALTH INSURANCE L I D INSURANCE WORKERS COMPENSATION PENSION OPEB PERSONNEL COSTS		012-2013 ACTUAL 135,056 9,916 20,353 1,020 900 8,103 11,747 187,096	013-2014 CCTUAL 137,417 10,013 20,332 1,029 472 8,176 14,742 192,180	014-2015 ACTUAL 145,872 10,702 20,381 937 523 8,656 16,910 203,981	Е	015-2016 BUDGET 147,500 11,300 24,000 1,000 500 8,900 17,600 210,800		115-2016 EVISED 149,500 11,300 24,000 1,000 500 8,900 17,600 212,800	016-2017 COPOSED 151,700 11,600 25,800 1,000 500 9,100 14,700 214,400	% CHANGE 3% 3% 8% 0% 0% 2% -16% 2%
20-22 20-23 20-24 20-33 20-38	OFFICE SUPPLIES PRINTING AND DUPLICATING PHOTOGRAPHIC SMALL TOOLS COMPUTER HARDWARE MATERIALS & SUPPLIES		386 520 - - 1,290 2,195	103 256 - - 2,646 3,005	108 689 - 51 495 1,343		300 1,000 200 - - - 1,500		300 1,000 200 - - - 1,500	200 700 - - - 900	-33% -30% -100% 0% 0% -40%
30-21 30-25 30-27 30-28 30-31 30-62 30-91	TELEPHONE/FAX ADVERTISEMENT SUBSCRIPTIONS AND DUES TRAINING/CONF/FOOD/TRAVEL CONTRACTUAL SERVICES GASOLINE ECONOMIC DEVELOPMENT ADMINISTRATIVE EXPENDITURES		3,338 1,250 - 260 10,368 61 15,379 30,656	1,640 1,250 - 814 - - 15,000 18,704	1,114 1,250 - 120 - 0.10 18,500 20,984		2,400 1,300 100 800 - 100 21,000 25,700		1,400 1,300 100 800 6,000 100 21,000 30,700	1,500 1,300 300 800 - 18,500 22,400	-38% 0% 200% 0% -100% -12% -13%
	OPERATING EXPENDITURES TOTAL EXPENDITURES	\$	219,947 219,947	\$ 213,889 213,889	\$ 226,308 226,308	\$	238,000 238,000	¢	245,000 245,000	\$ 237,700 237,700	0% 0%
	OPERATING BUDGET STATS	\$	219,947	\$ 213,889	\$ 226,308	\$	238,000	\$	245,000	\$ 237,700	0%
	CTUAL % OF OPER BUDGET		100%	100%	100%		100%		100%	100%	
	BUDGET % CHANGE		1%	-3%	6%		5%		3%	-3%	
	REVENUES GENERAL FUND PERSONNEL BUDGETED FULL-TIME POSITIONS	\$	219,947	\$ 213,889	\$ 226,308	\$	238,000	\$	245,000	\$ 237,700	
			0	0			2.0		2.0		

FY 2017 ANNUAL OPERATING BUDGET—DOVER, DELAWARE

City Council

Fiscal Year 2017 Organizational Chart



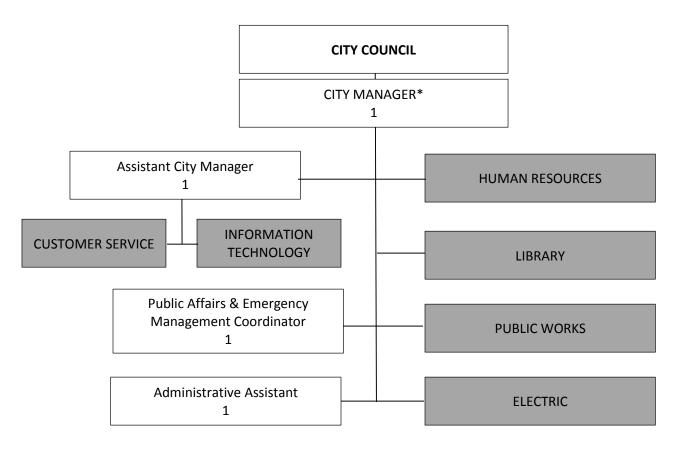
CITY COUNCIL 110-1200-512

ACCT	DESCRIPTION		012-2013 ACTUAL		013-2014 ACTUAL		014-2015 CTUAL		015-2016 SUDGET		015-2016 EVISED	_	016-2017 ROPOSED	% CHANGE
10-13	TEMPORARY HELP	\$	73,774		76,566	\$	71,315	\$	84,300		79,300	\$	84.300	0%
10-14	FICA TAXES	Ψ	5,628	Ψ	5.857	Ψ	5,456	Ψ	6,400	Ψ	6,400	Ψ	6,400	0%
10-17	WORKERS COMPENSATION		382		157		151		300		300		300	0%
10 11	PERSONNEL COSTS		79,785		82,581		76,922		91,000		86,000		91,000	0%
	I ENGONNEE GOOTG		13,100		02,001		10,322		31,000		00,000		31,000	070
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	

FY 2017 ANNUAL OPERATING BUDGET – DOVER, DELAWARE

City Manager

Fiscal Year 2017 Organization Chart



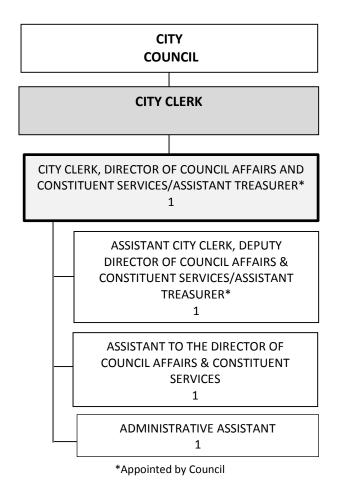
^{*}Appointed by Council

CITY MANAGER 110-2100-515

ACCT	DESCRIPTION		012-2013 CTUAL		013-2014 ACTUAL		014-2015 ACTUAL		015-2016 BUDGET		015-2016 EVISED		016-2017 ROPOSED	% 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		_		, <u>-</u>		-		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%	-22%			4%		36%		21%		-25%	
	DEVENUE													
	REVENUES	•	407.004	•	E00.000	•	FF0 FF0	•	750.000	•	000 000	•	000 500	
	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



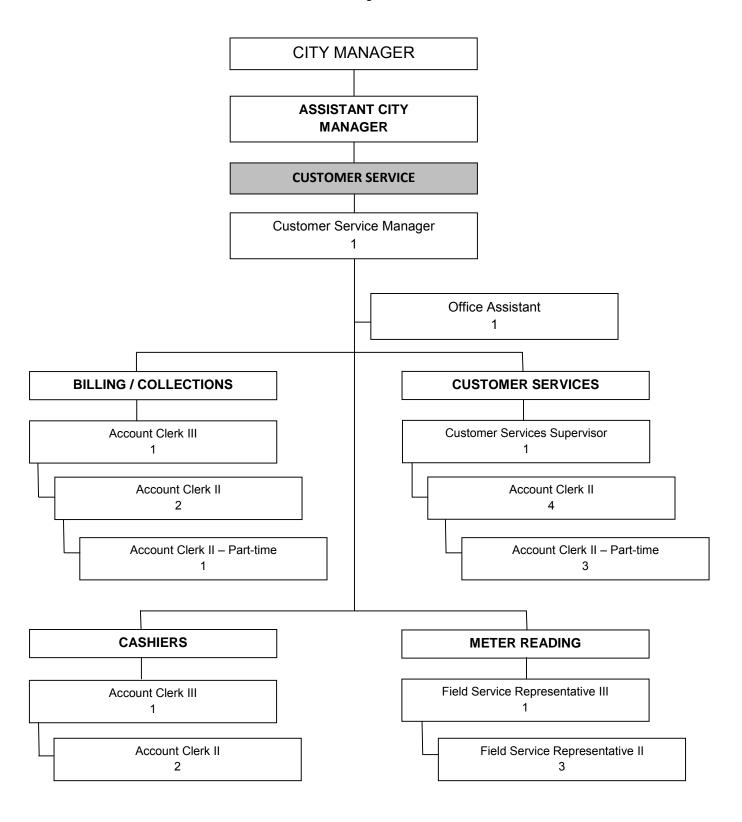
CITY CLERK 110-1100-511

		20	012-2013	013-2014		014-2015	20	015-2016	2	015-2016	20	016-2017	%
ACCT	DESCRIPTION	Δ	CTUAL	ACTUAL	A	ACTUAL		BUDGET	R	REVISED	PR	ROPOSED	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	
	PEDGONNE												
	PERSONNEL BUDGETED FULL-TIME POSITIONS		4.0	4.0		4.0		4.0		4.0		4.0	
	BOBOLIEBI GLE IIIILI GOITIONO		7.0	→.0		7.0		7.0		7.0		7.0	

FY 2017 ANNUAL OPERATING BUDGET - DOVER, DELAWARE

Customer Service

Fiscal Year 2017 Organization Chart



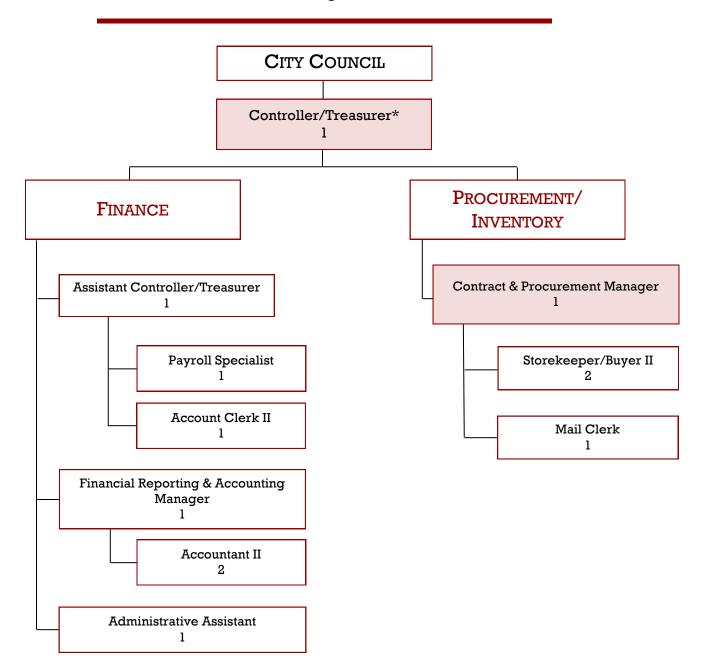
CUSTOMER SERVICES 110-2900-529

		20	12-2013	2013-2014	2	014-2015	2	2015-2016	2	015-2016	2	016-2017	%
ACCT	DESCRIPTION	Α	CTUAL	ACTUAL		ACTUAL		BUDGET	- 1	REVISED	PF	ROPOSED	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 10-19	EDUCATIONAL ASSISTANCE PENSION		25.434	1,500		1,640		145,000		140.000		400 700	0% 36%
10-19	OPEB		25,434 44,565	152,791 58,476		133,010 63,280		145,000 66,200		66,200		196,700 53,900	-19%
10-20	PERSONNEL COSTS		748,697	935,454		926,502		1,052,400		1,007,400		1, 077,200	-19% 2%
	PERSONNEL COSTS		140,091	933,434		920,302		1,032,400		1,007,400		1,077,200	270
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%	
	ACTUAL % OF OPER BODGET		100 /6	100 /6		100 /6		100 /6		100 /6		100 /6	
	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	

FY 2017 ANNUAL OPERATING BUDGET—DOVER, DELAWARE

Finance

Fiscal Year 2017 Organizational Chart



^{*} Appointed by Council

FINANCE 110-2300-517

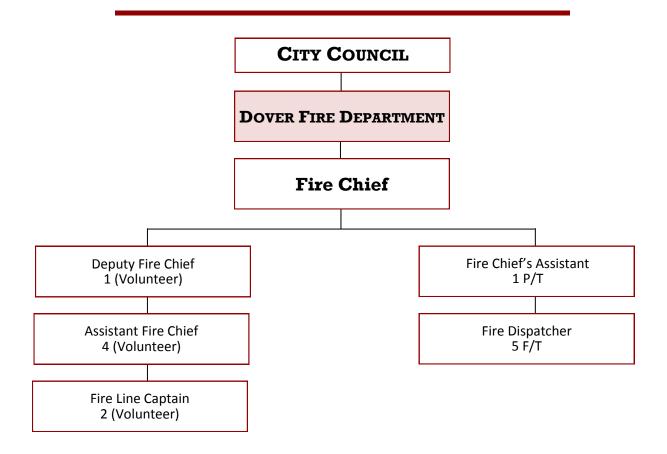
ACCT	DESCRIPTION		2012-2013 ACTUAL		2013-2014 ACTUAL		2014-2015 ACTUAL		2015-2016 BUDGET		2015-2016 REVISED		2016-2017 ROPOSED	% CHANGE
10-11	SALARIES	\$	481,755	\$	453,720	\$	496,728	\$	507,200	\$	520,400	\$	515,800	2%
10-11	OVERTIME	Ψ	401,733	Ψ	104	Ψ	430,720	Ψ	307,200	Ψ	320,400	Ψ	313,000	0%
10-12	TEMPORARY HELP		-		104		-		17,700		-		-	-100%
10-13	FICA TAXES		34.623		32.288		35.548		38.800		39.400		39.400	2%
10-14	HEALTH INSURANCE		80.092		80,052		85,752		98,200		98,200		104.000	6%
10-13	L I D INSURANCE		2,904		2,627		2,675		2,800		2,800		2,900	4%
10-10	WORKERS COMPENSATION		2,523		924		1,002		1.600		1,700		1.700	6%
10-17	EDUCATIONAL ASSISTANCE		2,323		324		3,203		1,000		3,500		1,700	0%
10-10	PENSION		23,832		91,970		70,893		72,000		74,500		97,800	36%
10-19	OPEB		41,576		46,797		57,886		59,700		60,700		50,000	-16%
10-20	PERSONNEL COSTS		667,304		708,481		753,725		798,000		801,200		811,600	2%
	PERSONNEE COSTS		007,304		700,401		133,123		7 30,000		001,200		011,000	2 /0
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 COED DUDGET		4000/		4000/		4000/		4000/				4000/	
	ACTUAL % OF OPER BUDGET		100%		100%		100%		100%		100%		100%	
	BUDGET % CHANGE		8%		7%		4%		3%		1%		2%	
	DEVENUE													
	REVENUES GENERAL FUND	\$	054 240	\$	910.724	\$	946.618	\$	978.500	\$	990.200	\$	1 000 600	
		Ф	854,310	Ф	910,724	Ф	946,618	Ф	978,500	Ф	990,200	Ф	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

	DECORPORION		012-2013		013-2014		014-2015		015-2016		015-2016		016-2017	%
ACCT	DESCRIPTION		CTUAL		ACTUAL		ACTUAL		UDGET		EVISED		OPOSED	CHANGE
10-11 10-12	SALARIES OVERTIME	\$	185,353 1,749	\$	158,271 2,132	\$	156,237 756	\$	159,200 1,000	\$	163,300 1,000	\$	165,800 1,000	4% 0%
10-13	TEMPORARY HELP		- 1,740		2,102		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		- 0.400		5,016		8,209		-		4,800		-	0%
10-19 10-20	PENSION OPEB		9,439		52,702 16,697		49,346 18.570		50,400 18,900		51,500 19,300		72,500 16,100	44% -15%
10-20	PERSONNEL COSTS		15,253 253,208		264,706		273,375		283,900		285,800		314,000	-15% 11%
	I ERGORNEE GOOTG		200,200		204,700		210,010		200,500		200,000		014,000	1170
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 20-26	CUSTODIAL PROGRAM EXPENSES/SUPPLIES		951		992		519 581		1 500		1 500		1 000	0% -33%
20-26	UNIFORMS/UNIFORM ALLOW		584 828		864 663		725		1,500 900		1,500 900		1,000 900	-33% 0%
20-29	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		- 0.000		4.054		300		300		100	-67%
30-25 30-27	ADVERTISEMENT SUBSCRIPTIONS AND DUES		1,379 520		2,228		1,951		2,500 600		2,500 600		2,500 600	0% 0%
30-27	TRAINING/CONF/FOOD/TRAVEL		1,248		545 60		440		600		-		2,700	0%
30-20	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%	-14%			2%		6%		2%		3%	
			, 0		-2%								- , -	•
	REVENUES	۴	E06 005	۴	E47.000	۴	E00.044	•	E60 000	æ	E60 200	æ	E0E 400	
	GENERAL FUND GOV. CAPITAL PROJECT FUND	\$	526,235	\$	517,809	\$	528,311 49,672	ф	560,200	\$	569,300	\$	585,100	
	GOV. CAFITAL FROJECT FUND		-		-		49,072		-		-		-	
	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



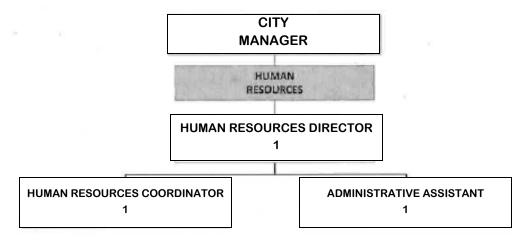
FIRE DEPARTMENT 110-1400-514

ACCT	DESCRIPTION	2012-2013 ACTUAL			013-2014 ACTUAL		2014-2015 ACTUAL		015-2016 BUDGET		015-2016 REVISED		016-2017 ROPOSED	% CHANGE
10-11	SALARIES	\$	215,682		196,608	\$			229,900		184,900		208,100	-9%
10-12	OVERTIME	Ψ	59,659	Ψ	45,836	Ψ	43,706	Ψ	43,000	Ψ	43,000	Ψ	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	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	

FY 2017 ANNUAL OPERATING BUDGET— DOVER, DELAWARE

Human Resources

Fiscal Year 2017 Organizational Chart

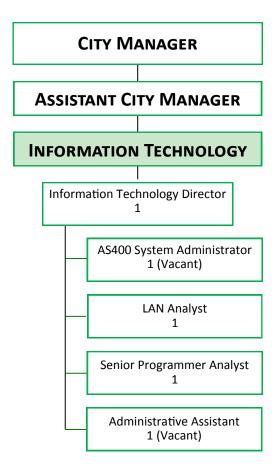


HUMAN RESOURCES 110-3100-518

ACCT	DESCRIPTION		012-2013 CTUAL		013-2014 ACTUAL		014-2015 ACTUAL		015-2016 BUDGET		015-2016 REVISED		016-2017 OPOSED	% 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 10-18	WORKERS COMPENSATION EDUCATIONAL ASSISTANCE		841 2,045		371 4,624		379 3,297		600		600 1,200		600	0% 0%
10-16	PENSION		6,660		61,954		57,914		59,400		59,400		84,100	42%
10-13	OPEB		13,801		18,807		21,124		21,700		21,700		18,100	-17%
10 20	PERSONNEL COSTS		226,622		310,585		303,828		318,200		325,000		345,100	8%
			,		0.0,000		000,020		0.0,200		0_0,000		0 10,100	0,0
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 20-38	COMPUTER SOFTWARE COMPUTER HARDWARE		1 001		4 000		2 474		2 600		2.800		400	0% -100%
20-38	PERSONNEL RELATED SUP		1,601 8,626		1,233 9,144		2,474 10,180		3,600 12,500		10.000		10,000	-100% -20%
20-40	MATERIALS & SUPPLIES		27,745		30,877		28,721		38,700		35,400		29,400	-20% -24%
	MATERIALS & SOFFEILS		21,143		30,077		20,721		30,700		33,400		25,400	-24/0
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		24 602		1,175		27 000		16 200		10 000	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%	
	NOTONE // OF OF EN BODGE!		10070		10070		10070		10070		10070		10070	
	BUDGET % CHANGE		12%		23%		0%		6%		-2%		4%	
	REVENUES													
	GENERAL FUND	\$	295,146	\$	363,064	\$	361,384	\$	383,900	\$	376,700	\$	392,500	
	OLIVICIOND	Ψ	200, 140	φ	303,004	φ	001,004	Ψ	505,500	Ψ	570,700	φ	002,000	
	PERSONNEL													
	BUDGETED FULL-TIME POSITIONS		3.0		3.0		3.0		3.0		3.0		3.0	

FY 2017 ANNUAL OPERATING BUDGET—DOVER, DELAWARE Information Technology

Fiscal Year 2017 Organization Chart

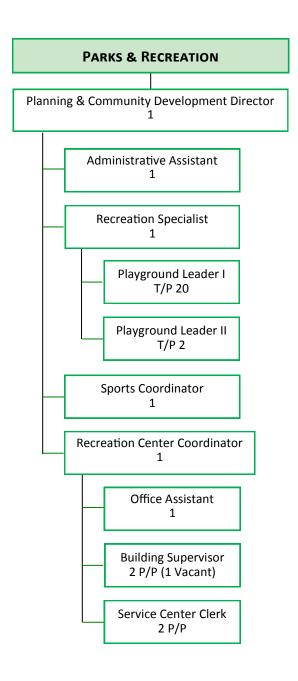


INFORMATION TECHNOLOGY 110-2200-516

ACCT	DESCRIPTION		012-2013 CTUAL		013-2014 ACTUAL		014-2015 CTUAL		015-2016 BUDGET		015-2016 EVISED		016-2017 OPOSED	% CHANGE
10-11 10-13	SALARIES TEMPORARY	\$	252,748	\$	283,375	\$	306,042	\$	249,600 12,700	\$	216,300	\$	250,200 13,800	0% 9%
10-13	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		<u>-</u>	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 EXPENDITURES		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%	
			10,0		,0						,0		10,0	
	REVENUES GENERAL FUND	\$	611,301	\$	716,217	\$	730,046	\$	704,800	\$	625,500	\$	716,300	
	GOV. CAPITAL PROJECT FUND	φ	87,589	φ	7 10,217	φ	730,040	φ	704,000	φ	025,500	φ	7 10,300	
	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	

FY 2017 ANNUAL OPERATING BUDGET—DOVER, DELAWARE Parks & Recreation

Fiscal Year 2017 Organization Chart

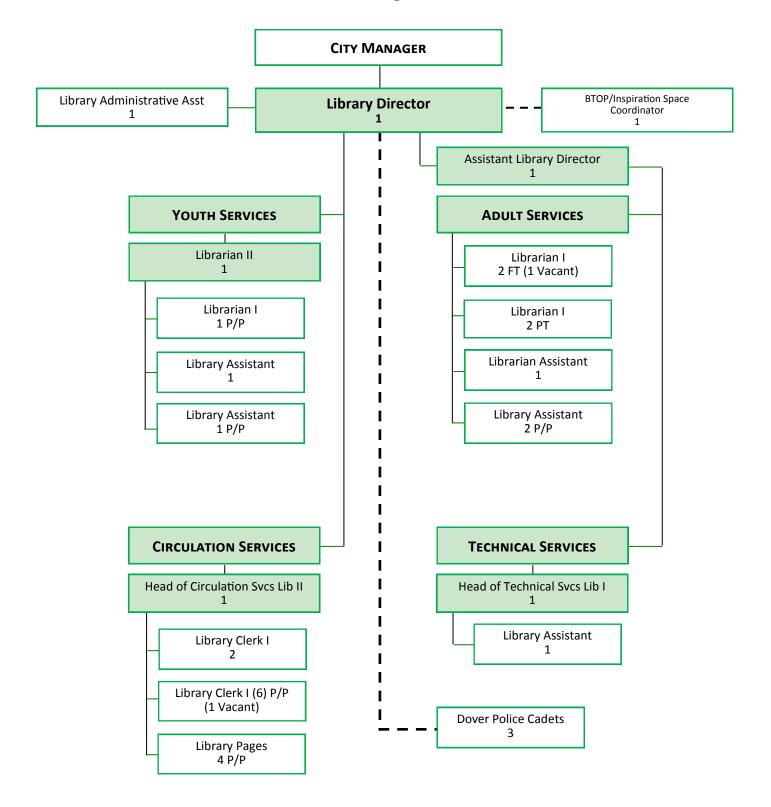


RECREATION 110-1500-525

									20	16-2017
		12-2013	013-2014	14-2015	15-2016	15-2016	16-2017	%		bs Abuse
ACCT	DESCRIPTION	CTUAL	CTUAL	CTUAL	UDGET	EVISED	OPOSED	CHANGE		UDGET
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 10-15	FICA TAXES HEALTH INSURANCE	21,390 49,912	23,734	23,484 40,628	25,600 47,700	26,000 47,700	27,400 51,400	7% 8%		4,500
10-15	L I D INSURANCE	1,592	40,478 1,702	1,567	1,200	1,200	1,200	0%		-
10-10	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%		200
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 20-46	COMPUTER HARDWARE	3,176 5,326	1,009	3,176 4,822	3,500 5,000	3,500 5,000	5.000	-100% 0%		-
20-46	CITY BLDG MAINT SUPPLIES WATER/SEWER	819	4,132 873	775	1,000	1,000	800	-20%		-
20-30	MATERIALS & SUPPLIES	57,941	60,151	57,922	60,500	60,500	57,000	-20 /8 - 6%		55,700
	MATERIALS & SOLIT LIES	37,341	00,131	31,322	00,500	00,300	37,000	-0 /6		33,700
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 GOV. CAPITAL PROJECT FUND CRANT FUNDS	\$ 644,346 6,995	\$ 677,534 5,829	\$ 658,615 207,323	\$ 729,500	\$ 723,200 73,900	\$ 747,900 165,000		\$	-
	GRANT FUNDS	-	-	-	-	-	-			120,000
	PERSONNEL BUDGETED FULL-TIME POSITIONS	5.0	5.0	5.0	5.0	5.0	E 0			
	PP/TEMP	10.0	10.0	5.0 14.0	5.0 14.0	5.0 14.0	5.0 14.0			10.0
	1 1 / 1 LIVII	10.0	10.0	14.0	14.0	14.0	14.0		Щ	10.0

FY 2017 ANNUAL OPERATING BUDGET—DOVER, DELAWARE **Dover Public Library**

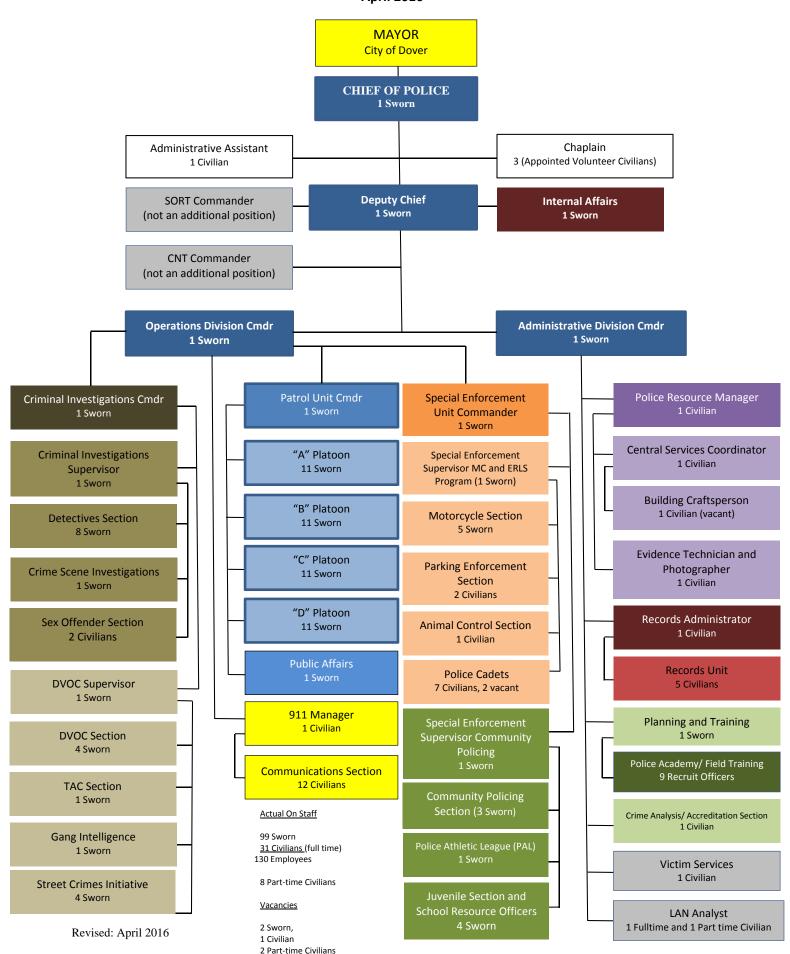
Fiscal Year 2017 Organization Chart



LIBRARY 110-1500-523

			1	10-1500-52	23				
		2012-2013	2013-2014	2014-2015	2015-2016	2015-2016	2016-2017	%	2016-2017 GRANTS
ACCT	DESCRIPTION	ACTUAL	ACTUAL	ACTUAL	BUDGET	REVISED	PROPOSED	CHANGE	BUDGET
10-11 10-12	SALARIES OVERTIME	\$ 541,590 4,868	\$ 571,704 5,496	\$ 567,471 3,714	\$ 590,700 5,600	\$ 571,300 5,600	\$ 616,300 3,700	4% -34%	\$ -
10-12	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 PERSONNEL COSTS	45,958 945,314	60,488 1,089,476	64,611 1,111,912	70,100 1,283,500	70,100 1,229,500	59,800 1,369,000	-15% 7%	-
		- 10,011	.,,	.,,	1,=-0,0	1,==0,000	1,000,000		
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 20-26	PRINTING AND DUPLICATING PROGRAM EXPENSES/SUPPLIES	2,088 3,193	2,194 3,199	600	600	600	-	0% -100%	13,200 24,100
20-20	BOOKS	53,998	53,999	53,997	54,000	54,000	35,200	-35%	129,200
20-31	SECURITY/SAFETY MATERIALS	288	1,200	1,800	3,300	3,300	3,300	0%	129,200
20-32	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 30-28	SUBSCRIPTIONS AND DUES TRAINING/CONF/FOOD/TRAVEL	10,989 200	10,998 200	11,000	11,000	11,000	11,000	0% 0%	2.000
30-26	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	2,000	2,000	-				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%		
	ACTUAL S OF OPER BUDGET	100 /0	100 /0	100 /0	100 /6	100 /6	100 /6		
	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 GRANT FUNDS	4,070,899	112,868	-	-	-	-		- 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



POLICE - CIVILIAN 110-1700-542

		2012-2013 2013-2014		2014-2015	2015-2016	2015-2016	2016-2017	%
ACCT	DESCRIPTION	ACTUAL	ACTUAL	ACTUAL	BUDGET	REVISED	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

		2012-2013	2013-2014	2014-2015	2015-2016	2015-2016	2016-2017	%
ACCT	DESCRIPTION	ACTUAL	ACTUAL	ACTUAL	BUDGET	REVISED	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%

\$ 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

TOTAL PERSONNEL COSTS

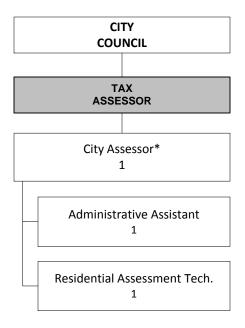
		2012-2013	2013-2014	2014-2015	2015-2016	2015-2016	2016-2017	%
ACCT	DESCRIPTION	ACTUAL	ACTUAL	ACTUAL	BUDGET	REVISED	PROPOSED	CHANGE
10-13	TEMPORARY HELP	-	-	-	71,400	71,400	71,400	0%
10-14	FICA TAXES	-	-	986	5,400	5,400	5,500	2%
10-17	WORKERS COMPENSATION	-	-	516	3,500	3,500	4,200	20%
	PERSONNEL COSTS	-	-	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

			11	0-1700-541					
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 20-32	BOOKS SECURITY/SAFETY MATERIALS	1,935 18,905	18,807	2,240 1,080	700	700	3,000 1,500	329% 0%	-
20-32	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 30-26	ADVERTISEMENT INSURANCE	3,000 10,733	1,039 12,115	43,052	2,000 20,000	1,000 33,500	1,000 30,000	-50% 50%	-
30-26	SUBSCRIPTIONS AND DUES	2.992	4.666	5.423	5.100	5.100	5.000	-2%	-
30-27	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	.	<u>.</u>	-	.	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	40.000	40.000	12,500	0%	-
40-31	CONSTRUCTION - PURCHASE CAPITAL OUTLAY	19,715 191,019	51,800 342,125	581,012	19,900 262,100	19,900 302,700	299,800	-100% 14%	74,400
	TOTAL EXPENDITURES	\$ 14,449,273	\$ 14,999,808	ŕ	\$ 16,023,500	\$ 16,858,300	\$ 17,175,000	7%	\$ 334,400
		. , ,				. , ,		770	\$ 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	. , ,		\$ 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

FY2017 ANNUAL OPERATING BUDGET— DOVER, DELAWARE TAX ASSESSOR

Fiscal Year 2017 Organization Chart



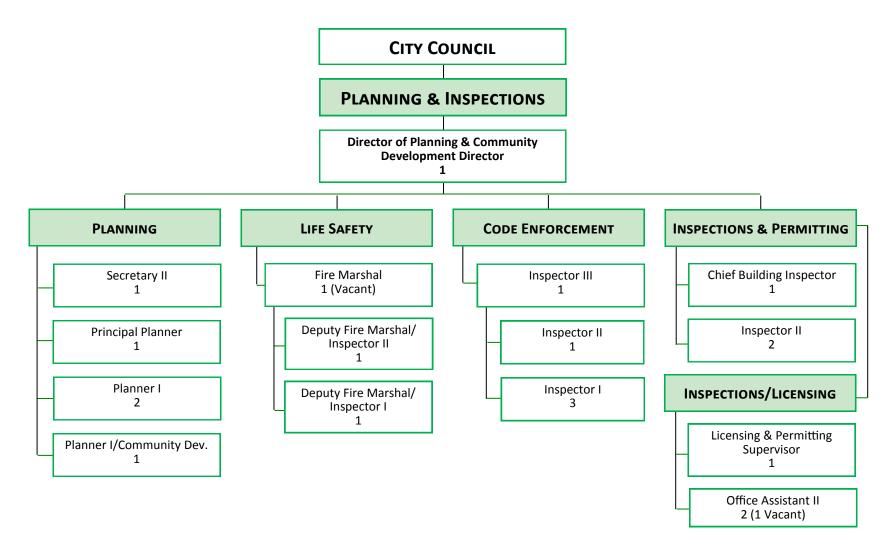
^{*} Appointed by Council

TAX ASSESSOR 110-1300-513

		20	12-2013	20	013-2014	20	014-2015	20	015-2016	20	015-2016	20	016-2017	%
ACCT	DESCRIPTION	Α	CTUAL		ACTUAL		CTUAL		BUDGET		EVISED		OPOSED	-
10-11	SALARIES	\$	124,167	\$	125,250	\$	119,460	\$	129,000	\$	- ,	\$	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		- 005		-		40.500		-		2,400		-	0%
10-19 10-20	PENSION OPEB		6,925		21,126		19,593		20,200		20,200		27,200	35% -16%
10-20	PERSONNEL COSTS		10,706 169,427		13,441 187,735		13,864 182,735		15,300 207,200		15,300 212,200		12,800 217,900	-16% 5%
	PERSONNEL COSTS		169,427		187,735		182,735		207,200		212,200		217,900	3%
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	\$	407.400	•	000 005	•	202 422	•	004.000		000 000	•	044.000	
	OPERATING BUDGET STATS	Þ	187,438	Þ	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%	
													<u>'</u>	
	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		-		-		-		-		-		-	

FY 2017 ANNUAL OPERATING BUDGET—DOVER, DELAWARE Planning & Inspections

Fiscal Year 2017 Organization Chart



PLANNING/CDBG 110-1600-533/715-2016-596

	2042 2042	2042 2044	204.4.204.5	204E 204C	204E 204C	2046 2047	0/
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 LID 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 10-21 COSTS ALLOCATED TO CDBG	25,919	31,408	38,150	43,300	43,300	36,900	-15% 7%
PERSONNEL COSTS	(51,853) 377,165	(40,364) 385,245	(45,973) 421,882	(33,700) 503,400	(33,700) 502,200	(36,000) 513,100	2%
I ENGONIALE GOOTG	377,103	303,243	421,002	303,400	302,200	313,100	2 /0
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	,	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/MAINTENANCI	E 2,262	-	-	-	-	-	0%
ADMINISTRATIVE EXPENDITUR	RES 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 PRO	- -	_	_	_	_	60,000	0%
70-43 CONNECTIONS COMM SUPPOR		_	_	_	_	7,400	0%
70-44 DOVER INTERFAITH MINISTRY	-	_	_	_	_	27,000	0%
70-59 MHDC EMERGENCY HOME REF	PAIR -	_	-	-	_	35,300	0%
70-63 HABITAT FOR HUMANITY	-	-	-	-	-	40,000	0%
70-66 MILFORD HOUSING H/O REHAE	-	-	-	-	-	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 POSITION	ONS 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		012-2013 ACTUAL		013-2014 ACTUAL		014-2015 ACTUAL		015-2016 BUDGET		015-2016 EVISED		016-2017 OPOSED	% CHANGE
10-11	SALARIES	\$	132.521	\$	159.634	\$	168.537	\$	148.400	\$	150.600	\$	158.800	7%
10-11	OVERTIME	φ	7.608	φ	9,523	φ	8.683	φ	8.600	φ	5.600	φ	8.000	-7%
10-12	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	
	DEDCONNEL													
	PERSONNEL BUDGETED FULL-TIME POSITIONS		3.0		3.0		3.0		3.0		3.0		3.0	
	BODGETED FULL-TIME POSITIONS		3.0		3.0		3.0		3.0		3.0		3.0	

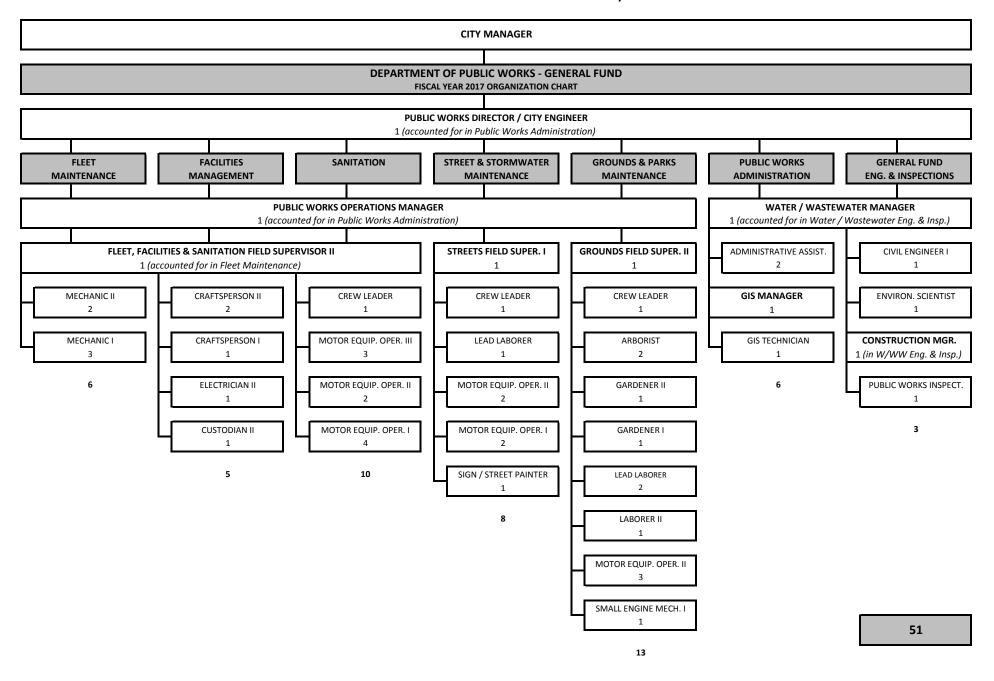
CODE ENFORCEMENT 110-1600-532

ACCT	DESCRIPTION		012-2013 CTUAL		013-2014 ACTUAL		014-2015 ACTUAL		015-2016 BUDGET		015-2016 EVISED		16-2017 OPOSED	% 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		<u>-</u>		<u>-</u>		-		<u>-</u>		-	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		2.055		- - 226		2 600		2 600		-	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

			012-2013		013-2014		014-2015	20	015-2016	20	015-2016	20	016-2017	%
ACCT	DESCRIPTION	A	CTUAL	-	ACTUAL	A	ACTUAL		BUDGET	R	EVISED	PR	OPOSED	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

		20	012-2013	20	013-2014	20	014-2015	20	015-2016	20	015-2016	20	016-2017	%
ACCT	DESCRIPTION		CTUAL		ACTUAL		ACTUAL		BUDGET		EVISED			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		- 0.045		-		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%	
	DODGET // CHANGE		076		20%		Z 1 70		20%		-170		1170	
	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 10-11 10-12 10-14 10-15 10-16 10-17 10-19 10-20	DESCRIPTION SALARIES OVERTIME FICA TAXES HEALTH INSURANCE L I D INSURANCE WORKERS COMPENSATION PENSION OPEB PERSONNEL COSTS	2012-2013 ACTUAL \$		2013-2014 ACTUAL \$ - - - - - - -		114-2015 ICTUAL 16,344 - 1,211 2,216 121 67 792 1,720 22,470	2015-2016 BUDGET \$114,40 8,70 30,60 90 40 6,80 13,60 175,40	0 0 0 0 0 0 0	8,700 20,600 900 400 6,800 13,600	PROF \$1	-2017 POSED 32,800 500 10,200 38,900 900 400 7,100 12,800 03,600	% CHANGE 16% 0% 17% 27% 0% 0% 4% -6% 16%
20-29 20-32 20-33 20-37 20-38	UNIFORMS/UNIFORM ALLOW SECURITY/SAFETY MATERIALS SMALL TOOLS COMPUTER SOFTWARE COMPUTER HARDWARE MATERIALS & SUPPLIES		- - -	- - - - -		192 61 95 846 2,592 3,785	20 20 10 20 1,30 2,00	0 0 0 0	200 200 100 200 1,300 2,000		200 200 100 400 -	0% 0% 0% 100% -100%
30-21 30-28 30-31 30-62	TELEPHONE/FAX TRAINING/CONF/FOOD/TRAVEL CONTRACTUAL SERVICES GASOLINE ADMINISTRATIVE EXPENDITURES		- - -	- - - -		189 90 - 462 741	50 50 1,50 1,50 4,00	0 0 0 0	500 500 1,500 1,500 4,000		500 500 - 1,500 2,500	0% 0% -100% 0% -38%
	OPERATING EXPENDITURES TOTAL EXPENDITURES	\$	- - ;	- \$ -	\$	26,996 26,996	181,40 \$ 181,40		173,400 173,400		07,000 07,000	14% 14%
	OPERATING BUDGET STATS ACTUAL % OF OPER BUDGET	0	- : %	0%	Ť	26,996 100%	100	%	100%	\$ 2	07,000 100%	
	BUDGET % CHANGE	0	%_	0%		0%	C	%	0%		0%	
	REVENUES GENERAL FUND PERSONNEL BUDGETED FULL-TIME POSITIONS	\$	- :	\$ - -	\$	26,996	\$ 181,40 3	,	173,400 3.0	\$ 2	3.0	

FACILITIES MANAGEMENT 110-2500-552

ACCT 10-11	DESCRIPTION SALARIES		012-2013 ACTUAL 333,501		013-2014 ACTUAL 255,857		014-2015 ACTUAL 293,454		015-2016 UDGET 295,700		015-2016 EVISED 255,500		016-2017 OPOSED 235,600	% CHANGE -20%
10-12 10-13	OVERTIME TEMPORARY HELP	Ψ	8,514	Ψ	14,238 10,793	Ψ	11,771	Ψ	10,500	Ψ	10,500	Ψ	6,400	-39% 0%
10-14 10-15	FICA TAXES HEALTH INSURANCE		26,417 65,290		20,731 51,644		22,140 61,893		23,400 72,800		24,300 56,800		18,500 47,500	-21% -35%
10-16 10-17	L I D INSURANCE WORKERS COMPENSATION		1,566 13,880		1,303 9,278		1,533 10,114		1,500 12,300		1,500 12,700		1,100 12,200	-27% -1%
10-19 10-20	PENSION OPEB PERSONNEL COSTS		12,246 25,502 486,916		69,714 26,821		78,741 34,357		79,900 35,100		79,900 31,600 472,800		115,400 22,800	44% -35% -13%
	PERSONNEL COSTS		400,910		460,378		514,003		531,200		472,000		459,500	
20-25 20-29	CUSTODIAL UNIFORMS/UNIFORM ALLOW		8,137 2,628		7,453 2,429		8,893 3,371		8,500 2,900		8,500 2,900		8,500 2,300	0% -21%
20-32	SECURITY/SAFETY MATERIALS		16,790		7,254		109		200		200		200	0%
20-33 20-38	SMALL TOOLS COMPUTER HARDWARE		396		427		3,008 1,092		2,700 300		2,700 300		1,500	-44% -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 MATERIALS & SUPPLIES		1,434		2,607		2,158		2,200		2,200		2,200	0% -11%
	MATERIALS & SUPPLIES		40,046		32,462		25,696		27,500		24,500		24,400	-1170
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 30-27	HEATING OIL/GAS SUBSCRIPTIONS & DUES		2,250		1,095		8,379		6,400 100		6,400 100		6,400 100	0% 0%
30-27	TRAINING/CONF/FOOD/TRAVEL		-		185		130		100		100		100	0%
30-20	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 CAPITAL OUTLAY		109,875 109,875		17,795		-		-		-		27,700	0% 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 HOMELAND SECURITY GRANT	•	16,875 93,000	•	(75,205) 93,000	*	-	٠	-	*	- -	•	27,700	
	PERSONNEL BUDGETED FULL-TIME POSITIONS PP/TEMP		9.0		9.0		7.0		7.0		7.0		5.0	
	— 1711													

FLEET MAINTENANCE 110-2800-572

ACCT	DESCRIPTION		012-2013 CTUAL		013-2014 ACTUAL		014-2015 ACTUAL		015-2016 BUDGET)15-2016 EVISED		016-2017 OPOSED	% 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%	
	BODGET /6 CHANGE		-14%		24%		170		-2%		-1%		4 %	
	REVENUES													
	GENERAL FUND GOV. CAPITAL PROJECT FUND	\$	630,686	\$	780,084	\$	786,500 -	\$	768,500 84,000	\$	760,000 84,500	\$	776,300 31,000	
	PERSONNEL													
	BUDGETED FULL-TIME POSITIONS		6.0		6.0		6.0		6.0		6.0		6.0	

GROUNDS 110-1500-522

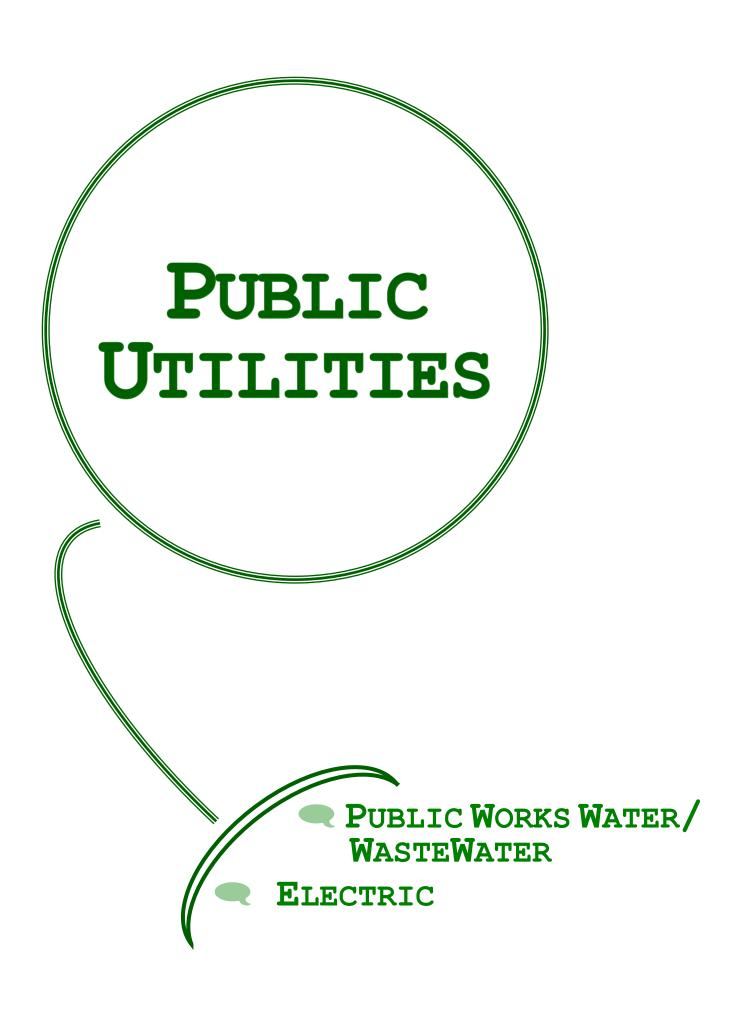
ACCT	DESCRIPTION	012-2013 ACTUAL	2013-2014 ACTUAL	014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
10-11 10-12	SALARIES OVERTIME	\$ 523,548	\$ 443,450 15,057	\$ 389,631 12,002	\$ 495,300	\$ 427,900	\$ 495,400	0% 47%
10-12	TEMPORARY HELP	10,147 -	15,057	12,002	8,300 -	13,300	12,200 -	0%
10-14	FICA TAXES	40,186	34,204	29,366	38,500	34,500	38,800	1%
10-15 10-16	HEALTH INSURANCE L I D INSURANCE	109,647 3,011	79,607 2,135	90,268 2,006	148,400 2,800	128,400 2,800	165,000 2,800	11% 0%
10-17	WORKERS COMPENSATION	21,398	15,134	13,303	20,000	20,600	25,500	28%
10-18 10-19	EDUCATIONAL ASSISTANCE PENSION	24,355	183,267	138,898	152,300	132,300	165.900	0% 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 20-22	FURNITURE/FIXTURES		-					0%
20-22	OFFICE SUPPLIES PRINTING AND DUPLICATING	-	-	-	-	-	-	0% 0%
20-25	CUSTODIAL	235	285	199	300	300	300	0%
20-26 20-28	PROGRAM EXPENSES/SUPPLIES	40,882	32,194	35,906	41,000	41,000	41,000	0%
20-28	MEDICAL SUP & PHYSICALS UNIFORMS/UNIFORM ALLOW	3,021	2,245	2,705	3,200	3,200	3,400	0% 6%
20-31	BOOKS		-					0%
20-32 20-33	SECURITY/SAFETY MATERIALS SMALL TOOLS	2,725 2,945	2,634 3,135	1,527 2,159	1,800 3,000	1,800 3,000	1,600 3,000	-11% 0%
20-33	COMPUTER HARDWARE	2,945	3,133	2,109	400	400	3,000	-100%
20-44	SAND AND SALT	315	353	1,080	600	600	400	-33%
20-46 20-58	CITY BLDG MAINT SUPPLIES	322 2,718	35	498	800 3,200	800 3,200	500 3,000	-38%
20-36	WATER/SEWER MATERIALS & SUPPLIES	53,163	1,854 42,736	2,456 46,530	54,300	54,300	53,200	-6% -2%
20.24	TELEBLIONE/EAV	507	•	·	·	·	•	0%
30-21 30-23	TELEPHONE/FAX ELECTRICITY	507 2,899	471 2,078	471 2,229	1,100 4,300	1,100 4,300	1,100 4,000	-7%
30-24	HEATING OIL/GAS	5,446	6,093	6,691	7,500	7,500	6,000	-20%
30-25	ADVERTISEMENT		-		700			0%
30-27 30-28	SUBSCRIPTIONS AND DUES TRAINING/CONF/FOOD/TRAVEL	435 1,226	260 1,121	416 1,711	500 1,600	500 1,600	500 1,600	0% 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 30-65	GASOLINE MAINT EQUIP REPAIRS/MAINT	32,037 14,291	29,384 12,163	23,626 13,641	25,000 15,000	15,000 15,000	18,000 15,000	-28% 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	2013-2014	2014-2015	2015-2016	2015-2016	2016-2017	% CHANCE
ACCT	DESCRIPTION	ACTUAL	ACTUAL	ACTUAL	BUDGET	REVISED	PROPOSED	CHANGE
10-11 10-12	SALARIES OVERTIME	\$ 365,463	\$ 394,767	\$ 409,168 17.988	\$ 372,300 12.100	\$ 374,000 16.100	\$ 382,100	3% 45%
		13,406	26,215	,	,	-,	17,500	45% 4%
10-14	FICA TAXES	28,287	31,054	31,619	29,400	30,700	30,500	
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 OPEB	17,298	121,754	124,738	104,300	101,800	133,100	28%
10-20	PERSONNEL COSTS	31,803 556.317	41,110 713,584	48,295	43,800	43,800	36,900	-16% 7%
	PERSONNEL COSTS	330,317	113,364	735,405	683,700	673,900	732,900	170
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	. , ,	. , ,		\$ 2,157,900	. , ,	. , ,	
	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 10-11 10-12	DESCRIPTION SALARIES OVERTIME		012-2013 ACTUAL 363,352 4,465	1	013-2014 ACTUAL 241,483 10,867		014-2015 ACTUAL 221,369 7,574		015-2016 BUDGET 287,200 4,100	RE	5-2016 VISED 263,000 8,100	2016-2017 PROPOSED \$ 308,500 7,900	% CHANGE 7% 93%
10-14	FICA TAXES		28,166		18,354		16,404		22,300		22,400	24,200	9%
10-15 10-16	HEALTH INSURANCE L I D INSURANCE		74,415 1,905		64,580 1,329		65,653 1,267		101,900 1,600		81,900 1,600	118,700 1,800	16% 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 OPEB		15,679		70,123		52,677		46,400		46,400	82,200	77%
10-20	PERSONNEL COSTS		27,945 529,244		24,877 440,197		25,908 398,432		34,100 509,300		31,600 466,700	29,800 589,000	-13% 16%
			0_0,		,				000,000		,	555,555	
20-26	PROGRAM EXPENSES/SUPPLIES		31,104		23,701		858		35,000		15,000	186,900	434%
20-29 20-32	UNIFORMS/UNIFORM ALLOW SECURITY/SAFETY MATERIALS		2,148 2,039		2,080 2,252		1,634 1,117		2,100 2,000		2,100 2,000	2,000 1,500	-5% -25%
20-32	SMALL TOOLS		2,433		2,232		2,341		2,500		2,500	2,500	0%
20-38	COMPUTER HARDWARE		-		2,010		2,041		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 86,202		11,862		56		- 04 200		- 71 200	247 000	0% 171%
	MATERIALS & SUPPLIES		00,202		96,017		66,299		91,200		71,200	247,000	17 170
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 30-31	CONSULTING FEES CONTRACTUAL SERVICES		893 590		31,450		16,585		1,500 1,200		1,500 1,200	1,500 264,900	0% 21975%
30-31	ENVIRONMENTAL EXPENSES		-		31,430		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 30-99	RADIO REPAIRS/MAINTENANCE SNOW EMERGENCY		17,340 -		1,985 -		1,369 -		1,700 -		1,700 52,600	1,500 -	-12% 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		-	2	-	4 000 000	0%
40-31	CONSTRUCTION - PURCHASE CAPITAL OUTLAY		134,010 150,714		1,272,104 1,449,193		3,296,269 3,597,163		1,390,000 1,428,500	,	689,000 735,000	1,026,000 1,026,000	-26% -28%
	CAPITAL OUTLAT		130,714		1,449,193		3,397,103		1,420,300	Э,	7 33,000	1,020,000	-20 /0
	TOTAL EXPENDITURES	\$	855,785	\$	2,090,359	\$	4,140,995	\$ 2	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	o	705 074	ď	641 167	ø	542 022	æ	674 500	e e	250 F00	¢ 1 162 500	
	GENERAL FUND GOV. CAPITAL PROJECT FUND	\$	705,071 150,714		641,167 1,449,193		543,832 3,597,163		674,500 1,428,500		658,500 735,000	\$ 1,163,500 1,026,000	
	PERSONNEL BUDGETED FULL-TIME POSITIONS		10.0		8.0		8.0		8.0		8.0	8.0	



WATER/WASTEWATER **FUND**

WATER/WASTEWATER FUND BUDGET REVIEW Fiscal Year 2016-2017

May 2016 - Budget Review Hearing

Water/Wastewater Engineering

Total Expenditures	546,900	6%个
Capital Outlay	30,400	0%
Overall Operating Expenses	516,500	0%
Administrative Expenditures	46,600	7%
Materials & Supplies	16,300	17%个
Personnel Costs	453,600	0%

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

Total Expenditures	1,994,200	26%↓
Capital Outlay	1,338,800	34%↓
Overall Operating Expenses	655,400	3%↓
Administrative Expenditures	56,200	23%↓
Materials & Supplies	71,800	4% ↑
Personnel Costs	527,400	1%↓

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%个

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

Total Expenditures	2,927,400	53% ↑
Capital Outlay	1,200,000	ο%
Overall Operating Expenses	1,727,400	10%↓
Administrative Expenditures	527,500	27%
Materials & Supplies	159,800	10%↓
Personnel Costs	1,040,100	3%个

Highlights:

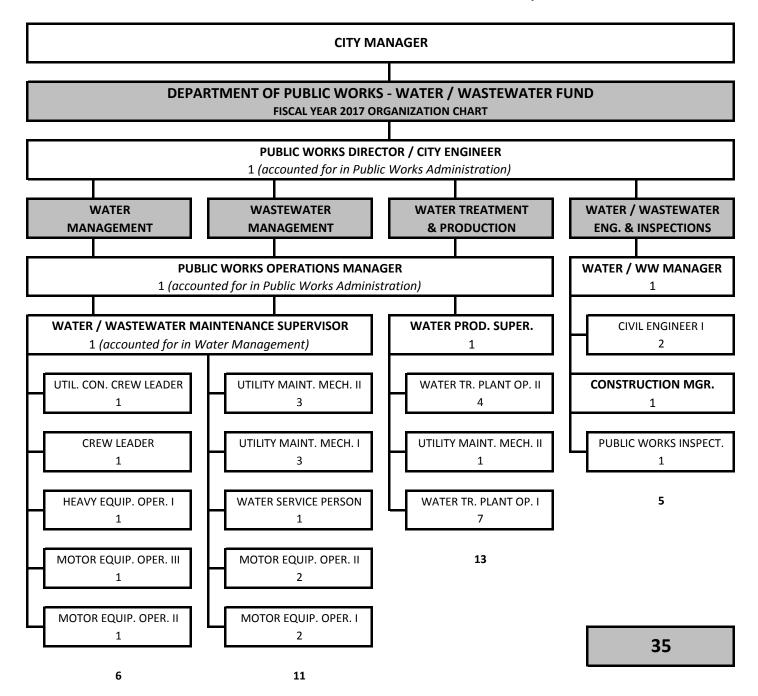
Personnel costs are increased for wages and benefit costs offset by a decrease in OPEB cost.

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.

FY 2017 ANNUAL OPERATING BUDGET - DOVER, DELAWARE



WATER/WASTEWATER ENGINEERING 412/417-2600-553

		20	012-2013	2	013-2014	2	014-2015	2	015-2016	2	015-2016	2	016-2017	%
ACCT	DESCRIPTION	F	ACTUAL	1	ACTUAL	-	ACTUAL	E	BUDGET	F	REVISED	PF	ROPOSED	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%
40 20	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	
	OPERATING BUDGET STATS	Ф	400,714	Φ	430,973	φ	400,700	Φ	317,300	Φ	320,300	Ф	510,500	
	ACTUAL % OF OPER BUDGET		100%		100%		100%		100%		100%		100%	
	BUDGET % CHANGE		-4%		-6%		2%		10%		1%		-1%	
	DEVENUE													
	REVENUES	•	400 74 4	•	450.070	•	400 700	•	E47 E00	Φ.	E00 E00	•	E40 E00	
	WATER/WASTEWATER LA F 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

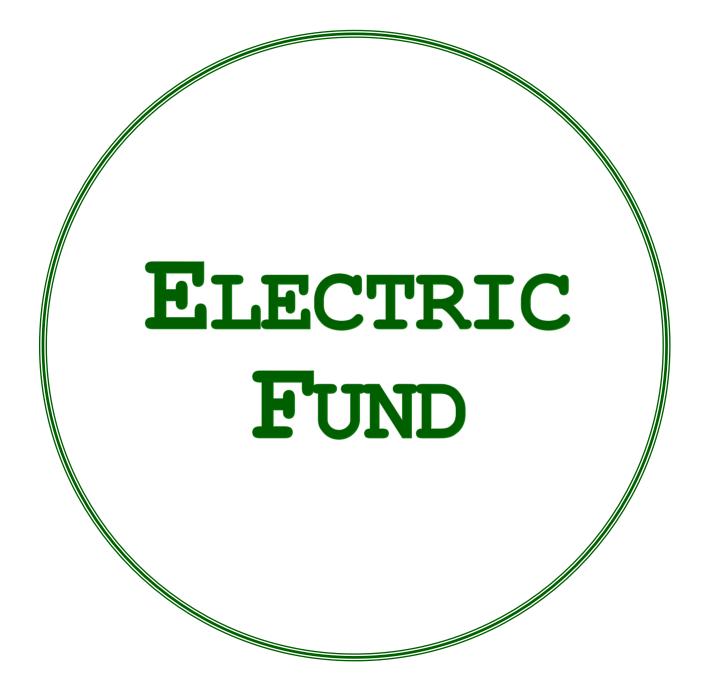
ACCT	DESCRIPTION	2012-2013 ACTUAL	2013-2014 ACTUAL	2014-2015 ACTUAL	2015-2016 BUDGET	2015-2016 REVISED	2016-2017 PROPOSED	% CHANGE
	SALARIES							3%
10-11 10-12	OVERTIME	\$ 146,288 7,354	\$ 187,126 11,755	\$ 154,580 8,632	\$ 279,700 13,400	\$ 284,000 14,700	\$ 289,200 12,000	-10%
10-12	FICA TAXES	11,138	14,772	11,981	22,400	22,700	23,000	3%
10-14	HEALTH INSURANCE	76,590	54,365	39,661	81,400	78,900	78,000	-4%
10-15	L I D INSURANCE	1,540	1,077	39,661 894	1,600	1,600	1,600	-4% 0%
10-10	WORKERS COMPENSATION	6,156	6,568	5,408	11,800	12,000	15,200	29%
10-17	PENSION	6,787	67,879	46,449	98,300	98,300	97,700	-1%
10-19	OPEB	,		12,515	22,900	22,900	10,700	-53%
10-20	PERSONNEL COSTS	18,163 274,016	15,533 359,076	280,120	531,500	535,100	527,400	-55% - 1%
	PERSONNEL COSTS	274,010	339,076	200,120	331,300	555,100	327,400	
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	.0,	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%
00 0.	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	20,700	_	77,100	104,000	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%	
	DE1/E1/1/E0							
	REVENUES	0 445 705	A FCC CC-	A 000 505		001055	A 0== 10=	
	WATER/WASTEWATER FUND	\$ 415,700	\$ 509,897	\$ 399,530	\$ 673,300	\$ 664,900	. ,	
	WATER/WASTEWATER I & E FUND	1,154,852	1,368,759	3,392,546	2,028,600	5,442,600	1,338,800	
	PERSONNEL							
	PERSONNEL	5 0	5 0		2.2	2.2	0.0	
	BUDGETED FULL-TIME POSITIONS	5.0	5.0	4.0	6.0	6.0	6.0	

WASTE WATER MANAGEMENT 412/417-6900-569

		2012-2013	2013-2014	2014-2015	2015-2016	2015-2016	2016-2017	%
ACCT	DESCRIPTION	ACTUAL	ACTUAL	ACTUAL	BUDGET	REVISED	PROPOSED	CHANGE
10-11	SALARIES	\$ 304,371	\$ 293,585	\$ 324,631	\$ 374,300	\$ 299,300	\$ 396,100	6%
10-12 10-14	OVERTIME FICA TAXES	26,562 25,167	24,351	23,559 25,370	27,000 30,700	14,000 25,700	25,000 32,200	-7% 5%
10-14	HEALTH INSURANCE	26,303	23,281 61,170	72,166	121,300	91,300	123,000	5% 1%
10-13	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 20.553	10,000	10,000	10,000	0% 0%
20-54 20-58	PUMPING STATION SUPPLIES WATER/SEWER	36,851 997	37,244 970	20,553 1,741	38,000	38,000	38,000	0% 0%
20-56	MATERIALS & SUPPLIES	72,667	78,011	61,225	1,200 83,200	1,200 83,200	1,200 88,200	6%
	MATERIALS & SUPPLIES	12,001	70,011	01,225	63,200	03,200	00,200	076
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 TRUE A LOCAL AND TENANCE	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 ADMINISTRATIVE EXPENDITURES	6,865 309,039	1,551 341,024	649 206,013	800 242,000	800 223,000	600 219,800	-25% -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 CAPITAL OUTLAY	- 1,815,569	735,039	- 4,277,921	- 1,822,100	5,299,100	2,021,200	0% 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 10-11 10-12 10-14 10-15 10-16 10-17 10-19 10-20	DESCRIPTION SALARIES OVERTIME FICA TAXES HEALTH INSURANCE L I D INSURANCE WORKERS COMPENSATION PENSION OPEB PERSONNEL COSTS	2012-2013 ACTUAL \$ 411,080 34,107 32,751 113,941 2,272 18,052 20,019 28,426 660,649	2013-2014 ACTUAL \$ 450,665 24,591 34,229 122,400 2,395 15,697 127,835 36,227 814,038	2014-2015 ACTUAL \$ 456,846 26,750 34,787 121,656 2,441 16,044 114,908 37,429 810,861	2015-2016 BUDGET 576,500 32,300 46,500 173,900 3,100 24,600 112,600 45,100 1,014,600	R \$	015-2016 EVISED 558,800 49,300 47,000 163,900 3,100 24,900 124,600 45,100 1,016,700	2016-2017 ROPOSED 589,400 30,000 47,400 189,600 3,200 31,200 127,100 22,200 1,040,100	% CHANGE 2% -7% 2% 9% 3% 27% 13% -51% 3%
20-23 20-25 20-29 20-31 20-32 20-33 20-35 20-38 20-46 20-49	PRINTING AND DUPLICATING CUSTODIAL UNIFORMS/UNIFORM ALLOW BOOKS SECURITY/SAFETY MATERIALS SMALL TOOLS CHEMICALS & ADDITIVES COMPUTER HARDWARE CITY BLDG MAINT SUPPLIES WELL SUPPLIES/REHAB MATERIALS & SUPPLIES	399 185 3,316 155 4,056 1,156 107,414 - 1,467 12,041 130,189	565 181 2,704 98 3,030 3,826 106,699 - 3,295 10,982 131,381	348 3,266 - 1,815 4,492 111,699 - 2,354 8,645 132,618	600 5,100 2,000 4,500 150,000 400 2,500 12,000 177,100		600 5,100 2,000 4,500 135,000 400 2,500 12,000 162,100	5,100 5,100 2,000 4,500 130,000 3,100 2,500 12,000 159,800	0% 0% 0% 0% 0% 0% -13% 675% 0% -10%
30-21 30-23 30-24 30-25 30-27 30-28 30-31 30-62 30-66 30-67	TELEPHONE/FAX ELECTRICITY HEATING OIL/GAS ADVERTISEMENT SUBSCRIPTIONS AND DUES TRAINING/CONF/FOOD/TRAVEL CONTRACTUAL SERVICES GASOLINE OTHER EQUIP REPAIRS/MAINT RADIO REPAIRS/MAINTENANCE ADMINISTRATIVE EXPENDITURES	182 431,649 1,565 - 400 180 147,493 12,031 1,558 4,443 599,501	188 361,885 5,544 500 180 156,908 10,992 7,357 491 544,046	190 382,997 8,130 517 400 412 99,030 9,376 7,350 438 508,839	500 600,000 6,000 500 700 700 88,600 11,000 10,000 300 718,300		500 450,000 6,000 500 700 700 88,600 7,000 10,000 300 564,300	500 440,000 6,000 500 700 700 59,800 9,000 10,000 300 527,500	0% -27% 0% 0% 0% 0% -33% -18% 0% 0% -27%
40-23 40-31	TRUCKS - PURCHASE CONSTRUCTION PURCHASES CAPITAL OUTLAY TOTAL EXPENDITURES	1,390,340 29,208 - 29,208 \$ 1,419,548	1,489,465 - - - - - * 1,489,465	1,452,318 33,771 - 33,771 \$ 1,486,089	\$ 1,910,000		1,743,100 - 284,400 284,400 2,027,500	\$ 1,727,400 1,200,000 1,200,000 2,927,400	-10% 0% 0% 0% 53%
	OPERATING BUDGET STATS	\$ 1,390,340	\$ 1,489,465	\$ 1,452,318		\$	1,743,100	\$ 1,727,400	
	ACTUAL % OF OPER BUDGET	100% -4%	100% 7%	100% -2%	100% 32%		100% -9%	100%	
	BUDGET % CHANGE REVENUES	-470	170	-270	32/0		-3 /6	-1%	
	WATER/WASTEWATER FUND WATER/WASTEWATER I & E FUND	\$ 1,390,340 29,208	\$ 1,489,465 -	\$ 1,452,318 33,771	\$ 1,910,000	\$	1,743,100 284,400	\$ 1,727,400 1,200,000	
	PERSONNEL BUDGETED FULL-TIME POSITIONS	10.0	10.0	11.0	13.0		13.0	13.0	



ELECTRIC FUND BUDGET REVIEW Fiscal Year 2016-2017

May 2016 - Budget Review Hearing

Electric Administration

Overall Operating Expenses	929,700	11%个
Administrative Expenditures	300,500	6%↓
Materials & Supplies	149,500	2% ↑
Personnel Costs	479,700	29% ↑

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

Total Expenditures	5,580,700	20%↓
Capital Outlay	1,975,000	32%
Overall Operating Expenses	3,605,700	11%↓
Administrative Expenditures	518,600	6%↓
Materials & Supplies	434,600	2%↓
Personnel Costs	2,652,500	14%↓

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

Total Budget	2,158,600	29%↓
Capital Outlay	910,700	47% ↓
Overall Operating Expenses	1,247,900	7%↓
Administrative Expenditures	245,400	15%个
Materials & Supplies	61,000	5%↓
Personnel Costs	941,500	11%↓

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

Overall Operating Expenses	378,600	5%个
Administrative Expenditures	13,100	28%↓
Materials & Supplies	14,900	11%↓
Personnel Costs	350,600	8%个

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

Overall Operating Expenses	651,700	4%↓
Materials & Supplies	0	0%
11	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

Total Expenditures	8,058,500	ο%
Capital Outlay	1,842,800	11%↑
Overall Operating Expenditures	6,215,700	3%↓
Administrative Expenditures	2,317,500	20%个
Materials & Supplies	244,200	1%个
Personnel Costs	3,654,000	14%↓

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

Total Expenditures	42,938,500	1%↑
98 Fuel	431,900	68%↓
95 Series Purchases, capacity, and PJM Charges	41,510,600	3%↑
65 Series Supply Mgmt and Incentive Fees	996,000	ο%

Highlights:

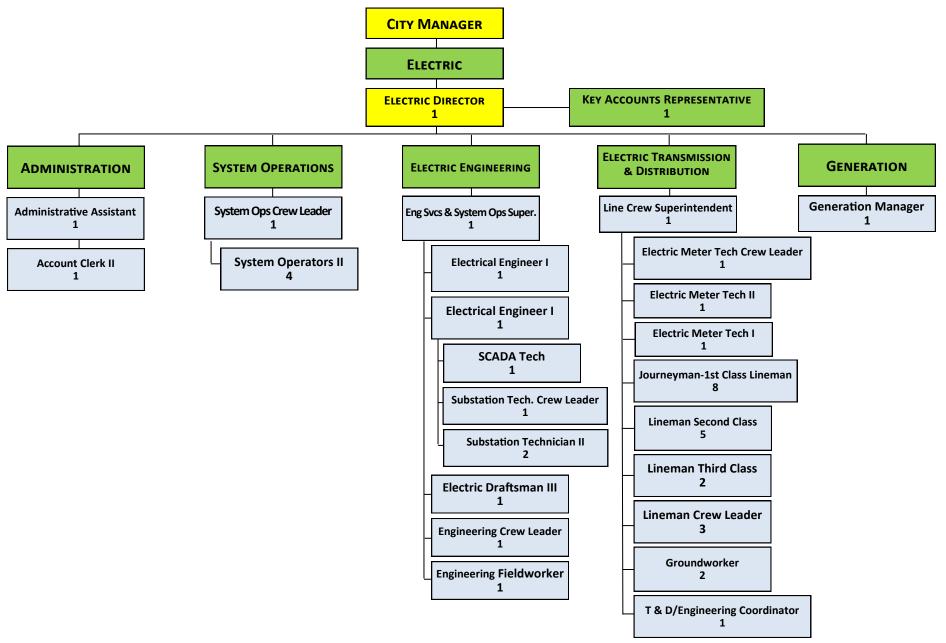
The budget includes power supply & risk management services, estimated power supply and fuel costs for Fiscal 2017.

Final Discussion and Wrap-Up

FY2017 ANNUAL OPERATING BUDGET—DOVER, DELAWARE

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 ROPOSED	% 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 20-37	WATER TREATMENT CHEMICALS	33,093	26,817	26,059		37,900 8,800		37,900		31,900 9,100	-16% 3%
20-37	COMPUTER SOFTWARE COMPUTER HARDWARE	13,010 7,260	5,945 6,536	10,238 11,585		4,300		8,800 4,300		4,700	3% 9%
20-36	CITY BUILDING MAINTENANCE	18,382	23,923	36,580		37,500		37,500		42,500	13%
20-40	WATER/SEWER	62,523	82,777	117,349		84,000		84,000		84,000	0%
20-30	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%
30-19	TELEPHONE	15,429	9,354	8,230		10,200		10,200		9,000	-2% -12%
30-21	POSTAGE	13,483	9,878	9,170		9,000		9,000		9,000	0%
30-22	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 30-86	COOLING TOWER	5,233	5,421	2,090		5,000		5,000		5,000	0%
30-86	FUEL OIL/GAS SYSTEMS COMBUSTION TURBINE MAINT	19,879	14,728	1,136 13,039		3,000		3,000 13,000		3,000 18,000	0% 38%
30-88	POWER DISTRIBUTION SYSTEM	8,447	5,215	67,394		13,000 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%
30-03	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%
40.00	TRUCK DURCUACEO	. •	•	•		•		•			
40-23	TRUCK - PURCHASES	-	-	-		-		-		65,800	00/
40-25	OTHER EQUIP-PURCHASE	- 020 027	80,370	1 000 220		1 655 000		2.299.800		59,000	0%
40-31	CONSTRUCTION-PURCHASE CAPITAL OUTLAY	929,027 929,027	1,466,647 1,547,017	1,899,229 1,899,229		1,655,000 1,655,000		2,299,800 2,299,800		1,718,000 1,842,800	4% 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				_	0.40:	_	0.005.555	_	0.045	
	ELECTRIC FUND - OPERATING	\$ 5,719,083		\$ 5,968,784	\$		\$	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 65-31 65-44	DESCRIPTION CONTRACTUAL SERVICES OPERATOR/SUPPLY MGMT FEE 65 SERIES TOTAL	2012-2013 ACTUAL \$ 157,955 996,000 1,153,955	2013-2014 ACTUAL \$ 28,074 996,000 1,024,074	2014-2015 ACTUAL \$ 266,856 996,000 1,262,856	2015-2016 BUDGET 996,000 996,000	2015-2016 REVISED 996,000 996,000	2016-2017 PROPOSED - 996,000 996,000	% CHANGE 0% 0% 0%
95-48 95-49 95-50 95-58 95-59 95-60 95-90 95-91 95-92 95-93	3RD PARTY HEDGE PURCHASES CAPACITY CHARGES CAPACITY CREDITS SOLAR POWER SUPPLY SOLAR RENEWAL ENERGY CREDIT REC'S (Renewable Energy Credits) PJM CHARGES - TRANS. & FEES PJM CHARGES - ENERGY PJM CREDITS PJM SPOT MARKET ENERGY 95 SERIES TOTAL	37,698,282 11,587,934 (14,318,588) 1,595,826 370,255 - 7,103,571 6,024,702 (2,433,494) - 47,628,490	29,484,681 15,504,095 (15,065,472) 1,821,037 337,741 7,433,120 14,855,117 (5,946,189) (862,233) 47,561,896	26,170,504 9,617,562 (8,706,981) 1,976,577 372,329 572,515 5,389,169 8,681,190 (560,450) (2,560,292) 40,952,122	23,402,600 10,225,100 (10,472,100) 2,313,900 363,400 673,400 7,932,500 7,966,100 (360,000) (1,708,300) 40,336,600	23,402,600 10,225,100 (10,472,100) 2,313,900 363,400 673,400 7,932,500 7,966,100 (360,000) (1,708,300) 40,336,600	16,557,600 10,160,600 (7,355,100) 2,313,900 363,400 673,400 7,603,800 12,357,900 (360,000) (804,900) 41,510,600	-29% -11% -30% 0% 0% 0% -4% 55% 0% -53% 3%
98-90 98-91 98-92 98-93	RGGI (Regional Greenhouse Gas Init.) GAS FUEL FUEL OIL PURCH FOR INVENT NO. 2 FUEL OIL 98 SERIES TOTAL	1,023,574 - - 1,023,574	1,534,434 - 1,180,850 2,715,284	59,670 1,129,932 4,276 535,166 1,729,044	175,000 1,167,300 - - 1,342,300	175,000 1,167,300 - - - 1,342,300	129,300 302,600 - - 431,900	-26% -74% 0% 0% -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 10-11	DESCRIPTION SALARIES	2012-2013 ACTUAL \$ 1,433,173			2015-2016 BUDGET \$ 1,539,100	2015-2016 REVISED \$ 1,555,200	2016-2017 PROPOSED \$ 1,562,500	% CHANGE 2%
10-12 10-14	OVERTIME FICA TAXES	172,288 120,210	110,376 109,291	111,864 108,478	115,000 126,500	115,000 127,700	106,800 127,700	-7% 1%
10-15	HEALTH INSURANCE	255,422	242,437	207,713	271,500	271,500	283,500	4%
10-16 10-17	L I D INSURANCE WORKERS COMPENSATION	6,106 65,087	5,610 48,348	5,751 48,663	6,400 66,800	6,400 67,500	6,400 84,100	0% 26%
10-17	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 20-58	METERS/METER SUPPLIES WATER/SEWER	15,211 693	13,611 1,479	13,897 405	14,000 300	14,000 300	24,000 300	71% 0%
20-56	ELEC MATERIALS/SUPPLIES	375,087	267,025	296,235	350,000	350,000	332,300	-5%
20-01	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%
30-21	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 30-66	TRUCK REPAIRS/MAINTENANCE OTHER EQUIP REPAIRS/MAINT	15,640 7,572	15,927 6,661	15,350 6,708	15,000 7,500	15,000 7,500	15,000 7,500	0% 0%
30-67	RADIO REPAIRS/MAINTENANCE	13,236	2,363	2,124	2,300	2,300	2,300	0%
30-07	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 70-28	METERS STREET LIGHT REPLACEMENT	68,651	14,514	7,917	100,000	113,100	100,000	0% 0%
70-20	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	1000/	100%	1000/	100%	100%	100%	
	ACTUAL /0 OF OPER BUDGET	100%		100%			100%	
	BUDGET % CHANGE	9%	17%	-4%	12%	-11%	0%	
	REVENUES							
	ELECTRIC FUND		\$ 3,789,954		\$ 4,068,600	\$ 3,610,300		
	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

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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 CAPITAL OUTLAY	- 1,294,674	- 1,213,271	141,526 851,741	1,724,300	408,500 3,288,000	910,700	0% -47%
				·			•	
	TOTAL EXPENDITURES OPERATING BUDGET STATS			\$ 2,017,942				-29%
				\$ 1,166,201				
	ACTUAL % OF OPER BUDGET	100%	100%	100%	100%	100%	100%	
	BUDGET % CHANGE	11%	19%	-11%	15%	-7%	0%	
	REVENUES	e 1000 011	£ 1 040 000	£ 1.400.004	£ 4 225 222	£ 1 040 000	¢ 4 047 000	
	ELECTRIC FUND			\$ 1,166,201				
	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

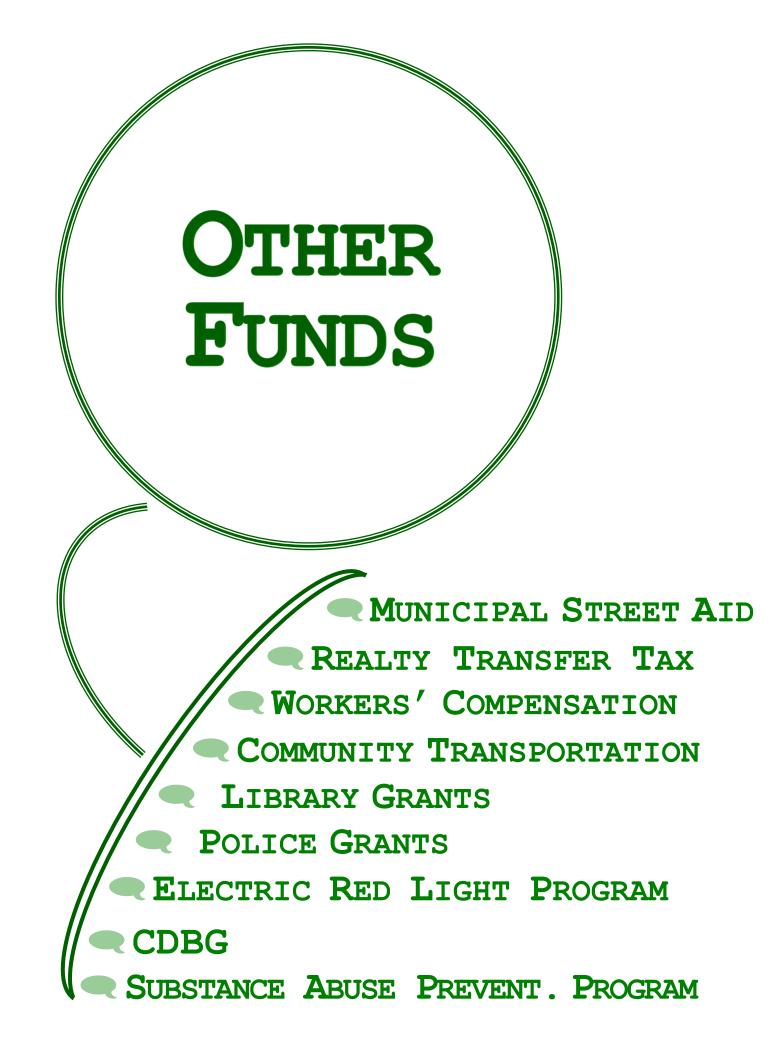
		20	012-2013	2	013-2014	2	014-2015	:	2015-2016	20	015-2016	2	016-2017	%
ACCT	DESCRIPTION		ACTUAL		ACTUAL		ACTUAL		BUDGET		EVISED		ROPOSED	CHANGE
10-11	SALARIES	\$	77,140	\$	83,844	\$	198,128	\$	250,900		250,900	\$	346,700	38%
10-12	OVERTIME		2,021		-		91		2,000		2,000		-	-100%
10-14	FICA TAXES		5,983		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 BURGET		4000/		1000/		4000/		4000/		4000/		4000/	
	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

		20	012-2013	20	013-2014	20	014-2015	20	015-2016	20	015-2016	20	016-2017	%
ACCT	DESCRIPTION		CTUAL		CTUAL		CTUAL		BUDGET		EVISED		ROPOSED	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	 012-2013 ACTUAL	_	013-2014 ACTUAL	_	014-2015 ACTUAL	 015-2016 BUDGET	_	015-2016 REVISED	_	016-2017 ROPOSED	% 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	



MUNICIPAL STREET AID FUND

	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 STATE GRANT	100 664,194	100 564,200	100 673,100	100 673,100	- 108,900	0.0% 0.0%
INTEREST EARNED TOTALS	107 664,401	564,300	673,200	673,200	108,900	0.0% 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 POLICE FINES	100 495,182	450,000	100 450,000	100 496,900	100 46,900	0.0% 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 INTEREST EARNED	1,713,505 292	1,340,000	1,340,000	1,672,700	332,700	0.0% 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

					\$ DIFFERENCE	
	2014/2015	2015/16	2015/16	2016/17	FY 17 PP VS	%
	ACTUAL	BUDGET	REVISED	BUDGET	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%

					\$ DIFFERENCE	
	2014/2015	2015/16	2015/16	2016/17	FY 17 PP VS	%
	ACTUAL	BUDGET	REVISED	BUDGET	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	4 CCE E00	4 705 700	4 000 200	2 426 700	424 000	2F 20/
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 GRANTS REVENUE INTEREST INCOME	143,532 105,890 248	144,000 500,000 500	57,800 839,300 500	92,100 500,000 -	(51,900) - (500)	-36.0% 0.0% -100.0%
TOTALS	249,670	644,500	897,600	592,100	(52,400)	-8.1%

					\$ DIFFERENCE	
	2014/2015 ACTUAL	2015/16 BUDGET	2015/16 REVISED	2016/17 BUDGET	FY 17 PP VS FY16 BUDGET	% CHANGE
	ACTUAL	BODGET	KEVISED	BODGET	FIIO BODGET	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%

					\$ DIFFERENCE	
	2014/2015	2015/16	2015/16	2016/17	FY 17 PP VS	\$
_	ACTUAL	BUDGET	REVISED	BUDGET	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

					\$ DIFFERENCE	
	2014/2015	2015/16	2015/16	2016/17	FY 17 PP VS	%
	ACTUAL	BUDGET	REVISED	BUDGET	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%		

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%

					\$ DIFFERENCE	
	2014/2015	2015/16	2015/16	2016/17	FY 17 PP VS	%
	ACTUAL	BUDGET	REVISED	BUDGET	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%
The program experiances	. .					0.070
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 GRANTS REVENUE RECREATION REVENUE	77,913 28,030 66,038	41,000 55,600 33,000	98,200 28,000 33,000	41,000 55,700 33,000	100	0.0% 0.2% 0.0%
TOTALS	171,981	129,600	159,200	129,700	100	0.1%

					\$ DIFFERENCE	
	2014/2015	2015/16	2015/16	2016/17	FY 17 PP VS	%
	ACTUAL	BUDGET	REVISED	BUDGET	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%