

PHILADELPHIA GAS WORKS

**AMENDED
COMPLIANCE
FISCAL 2020 CAPITAL BUDGET
AND
FORECAST FISCAL 2021 - 2025
WITH
FISCAL 2020 FINANCING PLAN**

November 12, 2019



PHILADELPHIA GAS WORKS

COMPLIANCE

CAPITAL BUDGET

FISCAL YEAR 2020 AND FORECAST 2021 THROUGH 2025

	COMPLIANCE 2020 <u>CAPITAL BUDGET</u>	2021 - 2025 <u>FORECAST</u>	<u>TOTAL 6 YEARS</u>
<u>GAS PROCESSING</u>			
ADDITIONS	920,000	3,150,000	4,070,000
REPLACEMENTS	<u>3,831,000</u>	<u>36,795,100</u>	<u>40,626,100</u>
TOTAL	<u>4,751,000</u>	<u>39,945,100</u>	<u>44,696,100</u>
<u>DISTRIBUTION</u>			
ADDITIONS	13,920,000	75,969,000	89,889,000
REPLACEMENTS	<u>84,837,000</u>	<u>443,470,000</u>	<u>528,307,000</u>
GROSS TOTAL	98,757,000	519,439,000	618,196,000
LESS: SALVAGE			
LESS: CONTRIBUTIONS*			
LESS: REIMBURSEMENTS**	<u>(4,682,404)</u>	<u>(22,894,000)</u>	<u>(27,576,404)</u>
NET TOTAL	<u>94,074,596</u>	<u>496,545,000</u>	<u>590,619,596</u>
<u>FIELD SERVICES</u>			
ADDITIONS	5,453,000	14,275,000	19,728,000
REPLACEMENTS	<u>6,436,000</u>	<u>36,341,000</u>	<u>42,777,000</u>
GROSS TOTAL	11,889,000	50,616,000	62,505,000
LESS: SALVAGE			
LESS: CONTRIBUTIONS*			
NET TOTAL	<u>11,889,000</u>	<u>50,616,000</u>	<u>62,505,000</u>
<u>FLEET OPERATIONS</u>			
ADDITIONS	84,000		84,000
REPLACEMENTS	<u>2,669,000</u>	<u>27,532,000</u>	<u>30,201,000</u>
GROSS TOTAL	2,753,000	27,532,000	30,285,000
LESS: SALVAGE			
NET TOTAL	<u>2,753,000</u>	<u>27,532,000</u>	<u>30,285,000</u>

PHILADELPHIA GAS WORKS

COMPLIANCE

CAPITAL BUDGET

FISCAL YEAR 2020 AND FORECAST 2021 THROUGH 2025

	<u>COMPLIANCE 2020 CAPITAL BUDGET</u>	<u>2021 - 2025 FORECAST</u>	<u>TOTAL 6 YEARS</u>
<u>OTHER DEPARTMENTS</u>			
ADDITIONS	678,000	1,575,840	2,253,840
REPLACEMENTS	<u>10,179,000</u>	<u>118,086,272</u>	<u>128,265,272</u>
TOTAL	<u>10,857,000</u>	<u>119,662,112</u>	<u>130,519,112</u>
<u>TOTAL</u>			
ADDITIONS	21,055,000	94,989,840	116,024,840
REPLACEMENTS	<u>107,952,000</u>	<u>662,224,372</u>	<u>770,176,372</u>
GROSS TOTAL	129,007,000	757,194,212	886,201,212
LESS: SALVAGE			
LESS: REIMBURSEMENTS**	(4,682,404)	(22,894,000)	(27,576,404)
LESS: CONTRIBUTIONS*			
NET TOTAL	<u>124,324,596</u>	<u>734,300,212</u>	<u>858,624,808</u>

* CONTRIBUTIONS ARE POTENTIAL CUSTOMER CONTRIBUTIONS

** REIMBURSEMENT TO PGW FOR RELOCATING STRUCTURES & EQUIPMENT AND/OR LOAD GROWTH

PHILADELPHIA GAS WORKS
PROPOSED CAPITAL BUDGET
BUDGET/FORECAST COMPARISON

DEPARTMENT	2019 COMPL	2020	2020 COMPL	2020	2019	2020 BUDGET vs 2020 FORECAST	
	BUDGET	FORECAST	BUDGET	BUDGET vs	COMPL BUDGET	AMOUNT	PERCENT
				DIFFERENCE	PERCENT	DIFFERENCE	DIFFERENCE
GAS PROCESSING							
ADDITIONS	598,000	91,000	920,000	322,000	53.8%	829,000	911.0%
REPLACEMENTS	5,695,000	9,154,000	3,831,000	(1,864,000)	-32.7%	(5,323,000)	-58.1%
TOTAL GAS PROCESSING	6,293,000	9,245,000	4,751,000	(1,542,000)	-24.5%	(4,494,000)	-48.6%
DISTRIBUTION							
ADDITIONS	13,177,000	13,470,000	13,920,000	743,000	5.6%	441,000	3.3%
REPLACEMENTS	80,826,000	81,882,000	84,837,000	4,011,000	5.0%	2,865,000	3.6%
GROSS TOTAL DISTRIBUTION	94,003,000	95,361,000	98,757,000	4,754,000	5.1%	3,396,000	3.6%
LESS: SALVAGE					N/A		N/A
LESS: CONTRIBUTIONS*					N/A		N/A
LESS: REIMBURSEMENT**	(1,882,767)	(1,920,000)	(4,682,404,000)	(2,799,637)	148.7%	(2,762,404)	143.9%
NET TOTAL DISTRIBUTION	92,120,233	93,441,000	94,074,596	1,954,363	2.1%	633,596	0.7%
FIELD SERVICES							
ADDITIONS	7,812,000	4,968,000	5,453,000	(2,359,000)	-30.2%	485,000	6.8%
REPLACEMENTS	5,554,000	5,677,000	6,436,000	882,000	15.9%	799,000	13.4%
GROSS TOTAL FIELD SERVICES	13,366,000	10,645,000	11,889,000	(1,477,000)	-11.1%	1,244,000	11.7%
LESS: SALVAGE					N/A		N/A
LESS: CONTRIBUTIONS*					N/A		N/A
NET TOTAL FIELD SERVICES	13,366,000	10,645,000	11,889,000	(1,477,000)	-11.1%	1,244,000	11.7%

PHILADELPHIA GAS WORKS
PROPOSED CAPITAL BUDGET
BUDGET/FORECAST COMPARISON

DEPARTMENT	2019 COMPL	2020	2020 COMPL	2020	2019	2020 BUDGET vs 2020 FORECAST	
	BUDGET	FORECAST	BUDGET	BUDGET vs	COMPL BUDGET	AMOUNT	PERCENT
				AMOUNT	PERCENT	DIFFERENCE	DIFFERENCE
FLEET OPERATIONS							
ADDITIONS			84,000	84,000	N/A	84,000	N/A
REPLACEMENTS	2,035,000	4,608,000	2,688,000	634,000	31.2%	(1,938,000)	-42.1%
GROSS TOTAL FLEET OPERATIONS	2,035,000	4,608,000	2,753,000	718,000	35.3%	(1,865,000)	-40.3%
LESS: SALVAGE					N/A		N/A
NET TOTAL TRANSPORTATION	2,035,000	4,608,000	2,753,000	718,000	35.3%	(1,855,000)	-40.3%
OTHER							
ADDITIONS	732,000	623,000	678,000	(54,000)	-7.4%	55,000	8.8%
REPLACEMENTS	18,112,000	30,364,590	10,179,000	(7,933,000)	-43.8%	(20,185,590)	-66.5%
TOTAL OTHER	18,844,000	30,987,590	10,857,000	(7,987,000)	-42.4%	(20,130,590)	-65.0%
TOTAL							
ADDITIONS	22,319,000	19,161,000	21,055,000	(1,264,000)	-5.7%	1,894,000	9.9%
REPLACEMENTS	112,222,000	131,685,590	107,952,000	(4,270,000)	-3.8%	(23,733,590)	-18.0%
GROSS TOTAL	134,541,000	150,846,590	129,007,000	(5,534,000)	-4.1%	(21,839,590)	-14.6%
LESS: SALVAGE					N/A		N/A
LESS REIMBURSEMENT**	(1,882,767)	(1,920,000)	(4,682,404)	(2,799,637)	148.7%	(2,782,404)	143.9%
LESS CONTRIBUTIONS*					N/A		N/A
NET TOTAL	132,658,233	148,926,590	124,324,596	(8,333,637)	-8.3%	(24,601,994)	-16.8%

* CONTRIBUTIONS ARE POTENTIAL CUSTOMER CONTRIBUTIONS

** REIMBURSEMENT TO PGW FOR RELOCATING STRUCTURES & EQUIPMENT AND/OR LOAD GROWTH

PHILADELPHIA GAS WORKS
 FISCAL YEAR 2020 CAPITAL BUDGET
 SUMMARY ESTIMATE OF ENCUMBERANCE AND EXPENDITURE

<u>FISCAL YEAR</u>	<u>ADDITIONS</u>		<u>REPLACEMENTS</u>		<u>TOTAL</u>	
	<u>ENCUMBERED</u>	<u>EXPENDED</u>	<u>ENCUMBERED</u>	<u>EXPENDED</u>	<u>ENCUMBERED</u>	<u>EXPENDED</u>
CURRENT BUDGET	21,055,000	18,419,000	107,952,000	80,490,000	129,007,000	98,909,000
YEAR 1		2,636,000		27,462,000		30,098,000
YEAR 2						
YEAR 3						
YEAR 4 AND BEYOND						
TOTAL	<u>21,055,000</u>	<u>21,055,000</u>	<u>107,952,000</u>	<u>107,952,000</u>	<u>129,007,000</u>	<u>129,007,000</u>

GAS PROCESSING DEPARTMENT
FISCAL YEAR 2020 CAPITAL BUDGET
SUMMARY

<u>CATEGORY</u>	<u>ADDITIONS</u>	<u>REPLACEMENTS</u>	<u>COST OF REMOVAL</u>	<u>TOTAL</u>
53-02 SUPPLEMENTAL GAS FACILITIES	179,000	2,946,000		3,125,000
53-04 MISC CAPITAL REQUIREMENTS	91,000	236,000		327,000
2018 REAUTHORIZATION	650,000	649,000		1,299,000
TOTAL GAS PROCESSING	<u>920,000</u>	<u>3,831,000</u>		<u>4,751,000</u>

GAS PROCESSING DEPARTMENT
FISCAL YEAR 2020 CAPITAL BUDGET
BUDGET/FORECAST COMPARISON

CATEGORY	2019 COMPL BUDGET	2020 FORECAST	2020 COMPL BUDGET	2020	2019	2020 BUDGET vs 2020 FORECAST	
				BUDGET vs \$ DIFFERENCE	COMPL BUDGET % DIFF.	\$ DIFFERENCE	% DIFF.
53-01 NATURAL GAS							
ADDITIONS	-	-	-	-	N/A	0	N/A
MEASUREMENT AND CONTROL FACILITIES REPLACEMENTS	996,000	-	-	(996,000)	-100.0%	0	N/A
TOTAL	996,000	-	-	(996,000)	-100.0%	0	N/A
53-02 SUPPLEMENTAL GAS							
ADDITIONS	411,000	-	179,000	(232,000)	-56.4%	179,000	N/A
FACILITIES REPLACEMENTS	3,125,000	8,838,000	2,946,000	(179,000)	-5.7%	(5,892,000)	-66.7%
TOTAL	3,536,000	8,838,000	3,125,000	(411,000)	-11.8%	(5,713,000)	-64.6%
53-03 BUILDING AND							
ADDITIONS	98,000	-	-	(98,000)	-100.0%	0	N/A
AND GROUNDS REPLACEMENTS	721,000	-	-	(721,000)	-100.0%	0	N/A
TOTAL	819,000	-	-	(819,000)	-100.0%	0	N/A
53-04 MISC CAPITAL							
REQUIREMENTS ADDITIONS	89,000	91,000	91,000	2,000	2.2%	0	0.0%
REPLACEMENTS	309,000	316,000	236,000	(73,000)	-23.6%	(80,000)	-25.3%
TOTAL	398,000	407,000	327,000	(71,000)	-17.8%	(80,000)	-19.7%
2018 REAUTHORIZATION							
REPLACEMENTS	544,000	-	1,299,000	-	0.0%	1,299,000	N/A
TOTAL GAS PROCESSING	6,293,000	9,245,000	4,751,000	(2,297,000)	-36.5%	(5,793,000)	-62.7%

GAS PROCESSING DEPARTMENT
FISCAL 2020 CAPITAL BUDGET

P			<u>AMOUNT</u>
	<u>GP-2</u>	<u>SUPPLEMENTAL GAS FACILITIES</u>	
1	53-02-1-05	INSTALL BOLLARDS AND BARRIERS AROUND EXPANDER PLANT - RICHMOND	179,000
1	53-02-2-11	REPLACE HAZARD DETECTION SYSTEM - PASSYUNK	-
1	53-02-2-17	RELOCATE STEAM SILENCER - PASSYUNK	151,000
1	53-02-2-23	REPLACE LNG TANK DELUGE PIPING - PASSYUNK	498,000
1	53-02-2-24	UTILITY POLE REPLACEMENT - PASSYUNK	382,000
1	53-02-2-25	REPLACE CONTROLS ON LNG VAPORIZERS - RICHMOND	573,000
1	53-02-2-26	REPLACE ESD PANEL FOR V-101 - RICHMOND	92,000
1	53-02-2-27	REPLACE DRAIN LINE FROM E-22F VAPORIZER	1,250,000
		TOTAL GP-2	<u>3,125,000</u>
	<u>GP-4</u>	<u>MISCELLANEOUS CAPITAL REQUIREMENTS</u>	
1	53-04-1-01	MISCELLANEOUS CAPITAL ADDITIONS	91,000
1	53-04-2-01	MISCELLANEOUS CAPITAL REPLACEMENTS	236,000
		TOTAL GP-4	327,000
		2018 REAUTHORIZATION	
2	53-02-1-01	REPLACE/ADD SHUTOFF VALVE AT LNG TANK - PASSYUNK	650,000
2	53-02-2-03	RELOCATE LNG SWITCHGEAR AT PASSYUNK	649,000
		TOTAL REAUTHORIZATION	1,299,000
		TOTAL GAS PROCESSING DEPARTMENT	<u>4,751,000</u>

GAS PROCESSING DEPARTMENT
LISTING BY PRIORITY
FISCAL 2020 CAPITAL BUDGET

<u>P.</u>	<u>CATEGORY</u>	<u>PRIORITY 1</u>	<u>AMOUNT</u>	<u>BUDGET YR</u>	<u>YEAR 1</u>	<u>YEAR 2</u>	<u>YEAR 3</u>
1	GP-2	53-02-1-05	179,000	179,000	-	-	-
		INSTALL BOLLARDS AND BARRIERS AROUND EXPANDER PLANT - RICHMOND					
1	GP-2	53-01-2-03	-	-	-	-	-
		NEW HEATER, GENERATOR AND STATION MODIFICATIONS					
1	GP-2	53-02-2-11	-	-	-	-	-
		REPLACE HAZARD DETECTION SYSTEM - PASSYUNK					
1	GP-3	53-03-2-02	-	-	-	-	-
		INSTALL CANOPY OVER TRANSFORMERS AT MAIN SWITCHGEAR BUILDING - R					
1	GP-3	53-03-2-03	-	-	-	-	-
		REPLACE SHOP BOILERS IN FRONT OFFICE - RICHMOND PLANT					
1	GP-3	53-03-2-05	-	-	-	-	-
		REMODEL SECURITY FRONT OFFICE AND CCTV BUILDING- RICHMOND PLANT					
1	GP-4	53-04-1-01	91,000	91,000	-	-	-
		MISCELLANEOUS CAPITAL ADDITIONS					
1	GP-4	53-04-2-01	236,000	236,000	-	-	-
		MISCELLANEOUS CAPITAL REPLACEMENTS					
1	GP-2	53-02-2-17	151,000	55,000	96,000	-	-
		RELOCATE STEAM SILENCER - PASSYUNK					
1	GP-2	53-02-2-23	498,000	483,000	15,000	-	-
		REPLACE LNG TANK DELUGE PIPING - PASSYUNK					
1	GP-2	53-02-2-24	382,000	138,000	244,000	-	-
		UTILITY POLE REPLACEMENT - PASSYUNK					
1	GP-2	53-02-2-25	573,000	72,000	501,000	-	-
		REPLACE CONTROLS ON LNG VAPORIZERS - RICHMOND					
1	GP-2	53-02-2-26	92,000	36,000	56,000	-	-
		REPLACE ESD PANEL FOR V-101 - RICHMOND					
1	GP-2	53-02-2-27	1,250,000	405,000	845,000	-	-
		REPLACE DRAIN LINE FROM E-22F VAPORIZER					
<u>2018 REAUTHORIZATION</u>							
1	53-02-1-01	REPLACE/ADD SHUTOFF VALVE AT LNG TANK - PASSYUNK	650,000	650,000	-	-	-
2	53-02-2-03	RELOCATE LNG SWITCHGEAR AT PASSYUNK	649,000	649,000	-	-	-
TOTAL GAS PROCESSING DEPARTMENT:					4,751,000	2,994,000	1,757,000

PHILADELPHIA GAS WORKS
FISCAL YEAR 2020 CAPITAL BUDGET
GAS PROCESSING DEPARTMENT ESTIMATE OF ENCUMBERANCE AND EXPENDITURE

<u>FISCAL YEAR</u>	<u>ADDITIONS</u>		<u>REPLACEMENTS</u>		<u>TOTAL</u>	
	<u>ENCUMBERED</u>	<u>EXPENDED</u>	<u>ENCUMBERED</u>	<u>EXPENDED</u>	<u>ENCUMBERED</u>	<u>EXPENDED</u>
CURRENT BUDGET	920,000	920,000	3,831,000	2,074,000	4,751,000	2,994,000
YEAR 1				1,757,000		1,757,000
YEAR 2						
YEAR 3						
YEAR 4 AND BEYOND						
TOTAL	920,000	920,000	3,831,000	3,831,000	4,751,000	4,751,000

DISTRIBUTION DEPARTMENT
FISCAL YEAR 2020 CAPITAL BUDGET
SUMMARY

<u>CATEGORY</u>	<u>ADDITIONS</u>	<u>REPLACEMENTS</u>	<u>GROSS TOTAL</u>	<u>REIMBURSEMENT**</u>	<u>CONTRIBUTIONS*</u>	<u>SALV.</u>	<u>NET TOTAL</u>
52-20 GAS MAINS - HIGH PRESSURE (WITH ASSOCIATED VALVES AND REGULATORS)	2,091,000	1,898,000	3,989,000				3,989,000
52-21 GAS MAINS - LOW AND INTERMEDIATE PRESSURE - 8 INCH AND SMALLER	2,545,000	59,645,000	62,190,000	(4,312,504)			57,877,496
52-22 GAS MAINS - LOW AND INTERMEDIATE PRESSURE - 12 INCH AND LARGER	175,000	911,000	1,086,000	(369,900)			716,100
52-23 CUST MTR & REG INSTALL, PRESSURE REGULATION & CORROSION CONTROL FACILITIES	345,000	1,028,000	1,373,000				1,373,000
52-24 SERVICES	8,764,000	19,739,000	28,503,000				28,503,000
52-29 OTHER DISTRIBUTION FACILITIES		1,616,000	1,616,000				1,616,000
52-99 COST OF REMOVAL AND ABANDONMENT							
TOTAL DISTRIBUTION	13,920,000	84,837,000	98,757,000	(4,682,404)			94,074,596

* CONTRIBUTIONS ARE POTENTIAL CUSTOMER CONTRIBUTIONS

** REIMBURSEMENT TO PGW FOR RELOCATING STRUCTURES & EQUIPMENT AND/OR LOAD GROWTH

DISTRIBUTION DEPARTMENT
FISCAL YEAR 2020 CAPITAL BUDGET
BUDGET/FORECAST COMPARISON

CATEGORY		2019 COMPL BUDGET	2020 FORECAST	2020 COMPL BUDGET	2020	2019	2020 BUDGET vs 2020	
					BUDGET vs \$	COMPL BUDGET %	FORECAST \$	FORECAST %
					DIFFERENCE	DIFF.	DIFFERENCE	DIFF.
52-20 GAS MAINS - HIGH PRESSURE (WITH ASSOCIATED VALVES AND REGULATORS)	ADDITIONS	1,216,000	1,243,000	2,091,000	875,000	72.0%	848,000	68.2%
	REPLACEMENTS	<u>1,771,000</u>	<u>1,810,000</u>	<u>1,898,000</u>	<u>127,000</u>	<u>7.2%</u>	<u>88,000</u>	<u>4.9%</u>
	TOTAL	2,987,000	3,053,000	3,989,000	1,002,000	33.5%	936,000	30.7%
52-21 GAS MAINS - LOW AND INTERMEDIATE PRESSURE - 8 INCH AND SMALLER	ADDITIONS	2,548,000	2,805,000	2,545,000	(3,000)	-0.1%	(60,000)	-2.3%
	REPLACEMENTS	<u>57,061,000</u>	<u>57,591,000</u>	<u>59,645,000</u>	<u>2,584,000</u>	<u>4.5%</u>	<u>2,054,000</u>	<u>3.6%</u>
	TOTAL	59,609,000	60,196,000	62,190,000	2,581,000	4.3%	1,994,000	3.3%
52-22 GAS MAINS - LOW AND INTERMEDIATE PRESSURE - 12 INCH AND LARGER	ADDITIONS	129,000	132,000	175,000	46,000	35.7%	43,000	32.6%
	REPLACEMENTS	<u>487,000</u>	<u>498,000</u>	<u>911,000</u>	<u>424,000</u>	<u>87.1%</u>	<u>413,000</u>	<u>82.9%</u>
	TOTAL	616,000	630,000	1,086,000	470,000	76.3%	456,000	72.4%
52-23 CUST MTR & REG INST, PRESSURE REGULA- TION AND CORROSION CONTROL FACILITIES	ADDITIONS	479,000	498,000	345,000	(134,000)	-28.0%	(153,000)	-30.7%
	REPLACEMENTS	<u>1,005,000</u>	<u>1,028,000</u>	<u>1,028,000</u>	<u>23,000</u>	<u>2.3%</u>	<u>0</u>	<u>0.0%</u>
	TOTAL	1,484,000	1,526,000	1,373,000	(111,000)	-7.5%	(153,000)	-10.0%
52-24 SERVICES	ADDITIONS	8,655,000	8,847,000	8,764,000	109,000	1.3%	(83,000)	-0.9%
	REPLACEMENTS	<u>19,135,000</u>	<u>19,557,000</u>	<u>19,739,000</u>	<u>804,000</u>	<u>3.2%</u>	<u>182,000</u>	<u>0.9%</u>
	TOTAL	27,790,000	28,404,000	28,503,000	713,000	2.6%	99,000	0.3%
52-29 OTHER DISTRIBUTION FACILITIES	ADDITIONS	150,000	154,000	0	(150,000)	-100.0%	(154,000)	-100.0%
	REPLACEMENTS	<u>1,387,000</u>	<u>1,398,000</u>	<u>1,818,000</u>	<u>249,000</u>	<u>18.2%</u>	<u>218,000</u>	<u>15.6%</u>
	TOTAL	1,517,000	1,552,000	1,818,000	99,000	6.5%	64,000	4.1%
GROSS TOTAL DISTRIBUTION		94,003,000	95,361,000	98,757,000	4,754,000	5.1%	3,398,000	3.6%
52-99 COST OF REMOVAL AND ABANDONMENT				0	0	N/A	0	N/A
LESS: SALVAGE				0	0	N/A	0	N/A
LESS: CONTRIBUTIONS*				0	0	N/A	0	N/A
LESS: REIMBURSEMENT**		<u>(1,882,787)</u>	<u>(1,920,000)</u>	<u>(4,882,404)</u>	<u>(2,799,637)</u>	<u>148.7%</u>	<u>(2,762,404)</u>	<u>143.9%</u>
NET TOTAL DISTRIBUTION		<u>92,120,233</u>	<u>93,441,000</u>	<u>94,074,598</u>	<u>1,954,363</u>	<u>2.1%</u>	<u>633,596</u>	<u>0.7%</u>

* DISTRIBUTION DEPARTMENT CONTRIBUTIONS ARE POTENTIAL CUSTOMER CONTRIBUTIONS

** REIMBURSEMENT TO PGW FOR RELOCATING STRUCTURES & EQUIPMENT AND/OR LOAD GROWTH

DISTRIBUTION DEPARTMENT

FISCAL YEAR 2020 CAPITAL BUDGET

DISTRIBUTION COMPRESSED CATEGORIES

<u>Category</u>	<u>2019 COMPL BUDGET</u>	<u>2020 FORECAST</u>	<u>2020 COMPL BUDGET</u>
MAIN ADDITIONS	3,893,000	3,980,000	4,811,000
MAIN REPLACEMENTS	59,319,000	59,899,000	62,454,000
SERVICE ADDITIONS	8,655,000	8,847,000	8,764,000
SERVICE REPLACEMENTS	19,135,000	19,557,000	19,739,000
METER/REGULATOR/CORROSION	1,484,000	1,526,000	1,373,000
TOOLS	1,517,000	1,552,000	1,616,000
GROSS TOTAL DISTRIBUTION	94,003,000	95,361,000	98,757,000

DISTRIBUTION DEPARTMENT
FISCAL 2020 CAPITAL BUDGET

<u>P</u>		<u>AMOUNT</u>	<u>FEET UNITS</u>
	<u>D-20</u>		
	<u>GAS MAINS - HIGH PRESSURE (WITH ASSOCIATED VALVES AND REGULATORS)</u>		
4	52-20-1-01 INSTALLATIONS TO PROVIDE FOR AHEAD-OF-PAVING AND EXTENSIONS TO SUPPLY ADDITIONAL LOADS	2,091,000	7,328
3	52-20-2-01 ENFORCED RELOCATIONS CAUSED BY CITY AND STATE WORK	1,898,000	668
		3,989,000	
52-20-2-97	GROSS TOTAL D-20		
	LESS: REIMBURSEMENT**		
	LESS: POTENTIAL CUSTOMER CONTRIBUTIONS		
	NET TOTAL D-20	3,989,000	
	<u>D-21</u>		
	<u>GAS MAINS - LOW AND INTERMEDIATE PRESSURE - 8 INCH AND SMALLER</u>		
4	52-21-1-01 MAINS TO SUPPLY NEW CUSTOMERS AND TO PROVIDE FOR INCREASED CAPACITY	2,545,000	12,056
3	52-21-2-01 ENFORCED RELOCATIONS CAUSED BY CITY, STATE AND OTHER WORK	6,483,000	27,577
1	52-21-2-02 PRUDENT MAIN REPLACEMENTS	20,162,000	83,707
1	52-21-2-03 LONG TERM INFRASTRUCTURE PLAN - DSIC	33,000,000	
		62,190,000	
52-21-2-97	GROSS TOTAL D-21		
	LESS: REIMBURSEMENT**	(4,312,504)	
	NET TOTAL D-21	57,877,496	

DISTRIBUTION DEPARTMENT
FISCAL 2020 CAPITAL BUDGET

<u>P</u>		<u>AMOUNT</u>	<u>FEET UNITS</u>
	<u>D-22</u> <u>GAS MAINS - LOW AND INTERMEDIATE PRESSURE - 12 INCH AND LARGER</u>		
4	52-22-1-01 TO SUPPLY NEW CUSTOMERS AND TO PROVIDE FOR INSTALLATION OF MAINS AHEAD-OF-PAVING	175,000	205
3	52-22-2-01 ENFORCED RELOCATIONS CAUSED BY CITY, STATE AND OTHER WORK	500,000	391
3	52-22-2-02 MAIN FOR MAJOR ENFORCED RELOCATION	411,000	391
	GROSS TOTAL D-22	1,086,000	
	LESS: REIMBURSEMENT**	(369,900)	
	NET TOTAL D-22	716,100	
	<u>D-23</u> <u>CUSTOMER METERING & REGULATOR INSTALLATION, AND PRESSURE REGULATION & CORROSION CONTROL FACILITIES (NOT INCLUDED IN D-20 OR D-22)</u>		
4	52-23-1-01 CUSTOMER METERING AND REGULATOR INSTALLATION	345,000	
1	52-23-2-01 REPLACEMENT/REHABILITATION OF HIGH PRESSURE MAIN VALVES	542,000	
2	52-23-2-02 REPLACEMENT OF VARIOUS PRESSURE REGULATING AND CORROSION CONTROL FACILITIES	486,000	
	GROSS TOTAL D-23	1,373,000	
	LESS: REIMBURSEMENT**		
	LESS: POTENTIAL CUSTOMER CONTRIBUTIONS*		
	NET TOTAL D-23	1,373,000	

DISTRIBUTION DEPARTMENT
LISTING BY PRIORITY
FISCAL 2020 CAPITAL BUDGET

<u>P</u>	<u>CATEGORY</u>	<u>AMOUNT</u>	<u>FEET UNITS</u>	<u>BUDGET YR</u>	<u>YEAR 1</u>	<u>YEAR 2</u>	<u>YEAR 3</u>
	<u>PRIORITY 1</u>						
1	D-21 52-21-2-02	20,162,000	83,707	13,909,000	6,253,000		
	PRUDENT MAIN REPLACEMENTS						
1	D-21 52-21-2-03	33,000,000		17,325,000	15,675,000		
	LONG TERM INFRASTRUCTURE PLAN - DSIC						
1	D-23 52-23-2-01	542,000		542,000			
	REPLACEMENT/REHABILITATION OF HIGH PRESSURE MAIN VALVES						
1	D-24 52-24-2-02	991,000	126	991,000			
	RENEWAL OF 2" AND LARGER SERVICES						
1	D-24 52-24-2-01	18,748,000	9,414	16,121,000	2,627,000		
	RENEWAL OF 1-1/4" AND SMALLER SERVICES FOR PRUDENT						
1	D-24 52-24-2-03						
	RENEWAL OF 1-1/4" AND SMALLER SERVICES FOR PRUDENT INCREMENTAL SERVICE WORK						
	<u>PRIORITY 2</u>						
2	D-23 52-23-2-02	486,000		486,000			
	REPLACEMENT OF VARIOUS PRESSURE REGULATING AND						
2	D-29 52-29-1-01						
	ADDITIONAL TOOLS AND WORK EQUIPMENT						
2	D-29 52-29-2-01	1,616,000		1,616,000			
	REPLACEMENT OF OBSOLETE TOOLS, RADIOS, AND WORK						

PHILADELPHIA GAS WORKS
FISCAL YEAR 2020 CAPITAL BUDGET
DISTRIBUTION DEPARTMENT ESTIMATE OF ENCUMBRANCE AND EXPENDITURE

<u>FISCAL YEAR</u>	<u>ADDITIONS</u>		<u>REPLACEMENTS</u>		<u>TOTAL</u>	
	<u>ENCUMBERED</u>	<u>EXPENDED</u>	<u>ENCUMBERED</u>	<u>EXPENDED</u>	<u>ENCUMBERED</u>	<u>EXPENDED</u>
CURRENT BUDGET	13,920,000	13,920,000	84,837,000	59,272,000	98,757,000	73,192,000
YEAR 1				25,565,000		25,565,000
YEAR 2						
YEAR 3						
YEAR 4 AND BEYOND						
TOTAL	13,920,000	13,920,000	84,837,000	84,837,000	98,757,000	98,757,000

FIELD SERVICES DEPARTMENT
FISCAL YEAR 2020 CAPITAL BUDGET
SUMMARY

<u>CATEGORY</u>	<u>ADDITIONS</u>	<u>REPLACEMENTS</u>	<u>TOTAL</u>
50-30 METERS & INSTALLATION	2,197,000	2,496,000	4,693,000
50-32 SERVICE REGULATORS AND INSTALLATION	60,000	72,000	132,000
50-33 COMMERCIAL & INDUSTRIAL TELEMETERING SYSTEMS	82,000	91,000	173,000
50-35 SERVICE SECTION EQUIPMENT	2,900,000	-	2,900,000
50-36 AUTOMATIC METER READING	214,000	3,777,000	3,991,000
50-99 COST OF REMOVAL			
GROSS TOTAL FIELD SERVICES	5,453,000	6,436,000	11,889,000
LESS: SALVAGE			
LESS: CONTRIBUTIONS*			
NET TOTAL FIELD SERVICES	<u>5,453,000</u>	<u>6,436,000</u>	<u>11,889,000</u>

* FIELD SERVICES DEPARTMENT CONTRIBUTIONS ARE POTENTIAL CUSTOMER CONTRIBUTIONS

FIELD SERVICES DEPARTMENT
FISCAL YEAR 2020 CAPITAL BUDGET
BUDGET/FORECAST COMPARISON

CATEGORY		2019 COMPL	2020	2020 COMPL	2020	2019	2020 BUDGET vs 2020 FORECAST
		BUDGET	FORECAST	BUDGET	BUDGET vs \$	COMPL BUDGET %	BUDGET vs 2020 FORECAST \$ %
50-30	METERS						
	ADDITIONS	2,008,000	2,053,000	2,197,000	189,000	9.4%	144,000 7.0%
	REPLACEMENTS	<u>2,706,000</u>	<u>2,766,000</u>	<u>2,495,000</u>	<u>(210,000)</u>	<u>-7.8%</u>	<u>(270,000)</u> <u>-9.8%</u>
	TOTAL	4,714,000	4,819,000	4,693,000	(21,000)	-0.4%	(126,000) -2.8%
50-32	SERVICE REGULATORS AND INSTALLATIONS						
	ADDITIONS	68,000	70,000	60,000	(8,000)	-11.8%	(10,000) -14.3%
	REPLACEMENTS	<u>42,000</u>	<u>43,000</u>	<u>72,000</u>	<u>30,000</u>	<u>71.4%</u>	<u>29,000</u> <u>67.4%</u>
	TOTAL	110,000	113,000	132,000	22,000	20.0%	19,000 16.8%
50-33	TELEMETERING AND INSTALLATIONS						
	ADDITIONS	146,000	150,000	82,000	(64,000)	-43.8%	(68,000) -45.3%
	REPLACEMENTS	<u>126,000</u>	<u>128,000</u>	<u>91,000</u>	<u>(35,000)</u>	<u>-27.8%</u>	<u>(37,000)</u> <u>-28.9%</u>
	TOTAL	272,000	278,000	173,000	(99,000)	-36.4%	(105,000) -37.8%
50-34	METER SHOP EQUIPMENT						
	ADDITIONS		2,500,000	0	0	N/A	(2,500,000) -100.0%
	REPLACEMENTS	<u>23,000</u>	<u>24,000</u>	<u>0</u>	<u>(23,000)</u>	<u>-100.0%</u>	<u>(24,000)</u> <u>-100.0%</u>
	TOTAL	23,000	2,524,000	0	(23,000)	-100.0%	(2,524,000) -100.0%
50-35	SERVICE SECTION EQUIPMENT						
	ADDITIONS	5,400,000		2,900,000	(2,500,000)	-46.3%	2,900,000 N/A
	REPLACEMENTS			0	0	N/A	0 N/A
	TOTAL	5,400,000		2,900,000	(2,500,000)	-46.3%	2,900,000 N/A
50-36	AUTOMATIC METER READING						
	ADDITIONS	190,000	195,000	214,000	24,000	12.6%	19,000 9.7%
	REPLACEMENTS	<u>2,657,000</u>	<u>2,716,000</u>	<u>3,777,000</u>	<u>1,120,000</u>	<u>42.2%</u>	<u>1,061,000</u> <u>39.1%</u>
	TOTAL	2,847,000	2,911,000	3,991,000	1,144,000	40.2%	1,080,000 37.1%
50-99	COST OF REMOVAL			0	0	N/A	0 N/A
	GROSS TOTAL FIELD SERVICES	13,366,000	10,845,000	11,869,000	(1,477,000)	-11.1%	1,244,000 11.7%
	LESS: SALVAGE			0	0	N/A	0 N/A
	LESS: CONTRIBUTIONS*			0	0	N/A	0 N/A
	NET TOTAL FIELD SERVICES	<u>13,366,000</u>	<u>10,845,000</u>	<u>11,869,000</u>	<u>(1,477,000)</u>	<u>-11.1%</u>	<u>1,244,000</u> <u>11.7%</u>

* FIELD SERVICES DEPARTMENT CONTRIBUTIONS ARE POTENTIAL CUSTOMER CONTRIBUTIONS

FIELD SERVICES DEPARTMENT
FISCAL 2020 CAPITAL BUDGET

<u>P</u>	<u>C-30</u>	<u>METERS</u>	<u>AMOUNT</u>
4	50-30-1-01	PURCHASE AND INSTALLATION OF METERS TO PROVIDE FOR NEW CUSTOMERS	2,197,000
1	50-30-2-01	PURCHASE METERS TO SUPPORT AUTOMATIC METER READING	2,498,000
		TOTAL C-30	<u>4,693,000</u>
	<u>C-32</u>	<u>SERVICE REGULATORS</u>	
4	50-32-1-01	PURCHASE AND INSTALLATION OF SERVICE REGULATORS	60,000
1	50-32-2-01	PURCHASE VARIOUS SIZE SERVICE REGULATORS AS REPLACEMENTS	72,000
		TOTAL C-32	<u>132,000</u>
	<u>C-33</u>	<u>COMMERCIAL & INDUSTRIAL TELEMETERING SYSTEMS</u>	
1	50-33-1-01	PURCHASE AND INSTALLATION OF EQUIPMENT AND INSTRUMENTATION	82,000
1	50-33-2-01	REPLACE METRETEK UNITS, EQUIPMENT, AND INSTRUMENTATION	91,000
		TOTAL C-33	<u>173,000</u>
	<u>C-35</u>	<u>SERVICE SECTION EQUIPMENT</u>	
5	50-35-1-01	ADVANCED METER INFRASTRUCTURE	2,900,000
		TOTAL C-35	<u>2,900,000</u>
	<u>C-36</u>	<u>AUTOMATIC METER READING</u>	
5	50-36-1-01	PURCHASE AND INSTALLATION OF ERT DEVICES FOR AMR	214,000
5	50-36-2-01	REPLACE AMR DEVICES	3,777,000
		TOTAL C-36	<u>3,991,000</u>
		GROSS TOTAL FIELD SERVICES DEPARTMENT	11,889,000
50-98-2-98		LESS: ESTIMATED SALVAGE	
		LESS: CONTRIBUTIONS*	
		NET TOTAL FIELD SERVICES DEPARTMENT	<u>11,889,000</u>

FIELD SERVICES DEPARTMENT

LISTING BY PRIORITY

FISCAL 2020 CAPITAL BUDGET

<u>P</u>	<u>CATEGORY</u>	<u>AMOUNT</u>	<u>BUDGET_YR</u>	<u>YEAR 1</u>	<u>YEAR 2</u>	<u>YEAR 3</u>
	<u>PRIORITY 1</u>					
1	50-32-2-01	72,000	72,000			
	<u>PURCHASE VARIOUS SIZE SERVICE REGULATORS AS REPLACEMENTS</u>					
1	50-33-2-01	91,000	91,000			
	<u>REPLACE METRETEK UNITS, EQUIPMENT, AND INSTRUMENTATION</u>					
1	50-33-1-01	82,000	82,000			
	<u>PURCHASE AND INSTALLATION OF EQUIPMENT AND INSTRUMENTATION</u>					
1	50-30-2-01	2,496,000	2,496,000			
	<u>PURCHASE METERS TO SUPPORT AUTOMATIC METER READING</u>					
	<u>PRIORITY 4</u>					
4	50-30-1-01	2,197,000	2,197,000			
	<u>PURCHASE AND INSTALLATION OF METERS TO PROVIDE FOR</u>					
4	50-32-1-01	60,000	60,000			
	<u>PURCHASE AND INSTALLATION OF SERVICE REGULATORS</u>					
	<u>PRIORITY 5</u>					
5	50-35-1-01	2,900,000	500,000	2,400,000		
	<u>ADVANCED METER INFRASTRUCTURE</u>					
5	50-36-1-01	214,000	214,000			
	<u>PURCHASE AND INSTALLATION OF ERT DEVICES FOR AMR</u>					
5	50-36-2-01	3,777,000	3,777,000			
	<u>REPLACE AMR DEVICES</u>					
				<u>11,889,000</u>	<u>9,489,000</u>	<u>2,400,000</u>
				<u>TOTAL FIELD SERVICES DEPARTMENT:</u>		

PHILADELPHIA GAS WORKS
 FISCAL YEAR 2020 CAPITAL BUDGET
 FIELD SERVICES DEPARTMENT ESTIMATE OF ENCUMBERANCE AND EXPENDITURE

FISCAL YEAR	ADDITIONS		REPLACEMENTS		TOTAL	
	<u>ENCUMBERED</u>	<u>EXPENDED</u>	<u>ENCUMBERED</u>	<u>EXPENDED</u>	<u>ENCUMBERED</u>	<u>EXPENDED</u>
CURRENT BUDGET	5,453,000	3,053,000	6,436,000	6,436,000	11,889,000	9,489,000
YEAR 1		2,400,000				2,400,000
YEAR 2						
YEAR 3						
YEAR 4 AND BEYOND						
TOTAL	<u>5,453,000</u>	<u>5,453,000</u>	<u>6,436,000</u>	<u>6,436,000</u>	<u>11,889,000</u>	<u>11,889,000</u>

FLEET OPERATIONS DEPARTMENT
FISCAL YEAR 2020 CAPITAL BUDGET
BUDGET/FORECAST COMPARISON

<u>CATEGORY</u>	<u>2019 COMPL BUDGET</u>	<u>2020 FORECAST</u>	<u>2020 COMPL BUDGET</u>	<u>2020</u>	<u>2019</u>	<u>2020 BUDGET vs 2020</u>	
				<u>BUDGET vs</u>	<u>COMPL BUDGET</u>	<u>FORECAST</u>	
				<u>\$</u>	<u>%</u>	<u>\$</u>	<u>%</u>
				<u>DIFFERENCE</u>	<u>DIFF.</u>	<u>DIFFERENCE</u>	<u>DIFF.</u>
73-01-1-03 VEHICLE ADDITIONS	-	-	84,000	84,000	N/A	84,000	N/A
73-01-2-01 SHOP EQUIPMENT REPLACEMENTS	12,000	-	23,000	11,000	91.7%	23,000	N/A
73-01-2-02 MOBILE EQUIPMENT REPLACEMENT	415,000	900,000	773,000	358,000	88.3%	(127,000)	-14.1%
73-01-2-03 VEHICLE REPLACEMENTS	1,608,000	3,708,000	1,873,000	265,000	16.5%	(1,835,000)	-49.5%
GROSS TOTAL FLEET OPERATIONS	2,035,000	4,608,000	2,753,000	718,000	35.3%	(1,855,000)	-40.3%
LESS: SALVAGE					N/A		N/A
NET TOTAL FLEET OPERATIONS	<u>2,035,000</u>	<u>4,608,000</u>	<u>2,753,000</u>	<u>718,000</u>	<u>35.3%</u>	<u>(1,855,000)</u>	<u>-40.3%</u>

FLEET OPERATIONS DEPARTMENT
LISTING BY PRIORITY
FISCAL 2020 CAPITAL BUDGET

<u>P</u>	<u>CATEGORY</u>	<u>AMOUNT</u>	<u>BUDGET_YR</u>	<u>YEAR_1</u>	<u>YEAR_2</u>	<u>YEAR_3</u>
	<u>PRIORITY 1</u>					
1	73-01-2-02 MOBILE EQUIPMENT REPLACEMENTS	773,000	773,000			
1	73-01-1-03 VEHICLE ADDITIONS	84,000	84,000			
	<u>PRIORITY 2</u>					
2	73-01-2-01 SHOP EQUIPMENT REPLACEMENTS	23,000	23,000			
2	73-01-2-03 VEHICLE REPLACEMENTS	1,873,000	1,873,000			
TOTAL FLEET OPERATIONS DEPARTMENT:		2,753,000	2,753,000			

PHILADELPHIA GAS WORKS

FISCAL YEAR 2020 CAPITAL BUDGET

FLEET OPERATIONS DEPARTMENT ESTIMATE OF ENCUMBERANCE AND EXPENDITURE

FISCAL YEAR	ADDITIONS		REPLACEMENTS		TOTAL	
	ENCUMBERED	EXPENDED	ENCUMBERED	EXPENDED	ENCUMBERED	EXPENDED
CURRENT BUDGET	84,000	84,000	2,669,000	2,669,000	2,753,000	2,753,000
YEAR 1						
YEAR 2						
YEAR 3						
YEAR 4 AND BEYOND						
TOTAL	<u>84,000</u>	<u>84,000</u>	<u>2,669,000</u>	<u>2,669,000</u>	<u>2,753,000</u>	<u>2,753,000</u>

FACILITIES

FISCAL YEAR 2020 CAPITAL BUDGET

BUDGET/FORECAST COMPARISON

CATEGORY	2019 COMPL	2020	2020 COMPL	2020	2019	2020 BUDGET vs 2020	
	BUDGET	FORECAST	BUDGET	BUDGET vs	COMPL BUDGET	FORECAST	FORECAST
				\$	%	\$	%
				DIFF.	DIFF.	DIFF.	DIFF.
72-01-1-01 MISCELLANEOUS CAPITAL ADDITIONS	150,000	150,000	150,000	-	0.0%	-	0.0%
72-01-1-02 MISCELLANEOUS CAPITAL ADDITIONS - GAS PROCESSING	8,000	12,000	12,000	4,000	50.0%	-	0.0%
72-01-2-01 MISCELLANEOUS CAPITAL REPLACEMENTS/STRUCTURAL REPAIRS	418,000	397,000	418,000	-	0.0%	21,000	5.3%
72-01-2-02 MISCELLANEOUS CAPITAL REPLACEMENTS - GAS PROCESSING	24,000	48,000	48,000	24,000	100.0%	-	0.0%
72-01-2-03 MISC CAPITAL REPL - STRUCTURAL REPAIRS - GAS PROCESSING	34,000	60,000	60,000	26,000	76.5%	-	0.0%
72-01-2-04 REPLACE CARPETS - ALL LOCATIONS	61,000	61,000	75,000	14,000	23.0%	14,000	23.0%
72-01-2-05 REPLACE MODULAR FURNITURE	67,000	67,000	100,000	33,000	49.3%	33,000	49.3%
72-01-2-06 REPLACE 800 AHU HW, CHW CONTROL VALVES, DAMPER ACTUATORS	1,040,000	-	226,000	(814,000)	-78.3%	226,000	N/A
72-01-2-07 REPLACE 1800 ROOF	-	-	3,105,000	3,105,000	N/A	3,105,000	N/A
72-01-2-08 REPLACE 1800 BOILER #2	-	-	228,000	228,000	N/A	228,000	N/A
72-01-2-09 WPDO REAR WALL STRCTUREAL REPLAIRS & REPLACE REAR WINDOWS	-	-	572,000	572,000	N/A	572,000	N/A
72-01-2-10 CIS TEAM SPACE FIT-OUT	-	-	349,000	349,000	N/A	349,000	N/A
72-01-2-11 150KW SOLAR ARRAY PASSYUNK PLANT	-	-	276,000	276,000	N/A	276,000	N/A
72-01-2-XX EXPENSES IF NO BUILDING CONSOLIDATION	-	11,951,590	-	-	N/A	(11,951,590)	-100.0%
TOTAL FACILITIES	1,802,000	12,746,590	5,619,000	3,817,000	211.8%	(7,127,590)	-55.9%

OTHER DEPARTMENTS
FISCAL YEAR 2020 CAPITAL BUDGET
SUMMARY

<u>CATEGORY</u>	<u>ADDITIONS</u>	<u>REPLACEMENTS</u>	<u>TOTAL</u>
FACILITIES	162,000	5,457,000	5,619,000
INFORMATION SERVICES	516,000	525,000	1,041,000
CHIEF OPERATING OFFICER		4,142,000	4,142,000
CHEMICAL SERVICES		55,000	55,000
TOTAL OTHER DEPARTMENTS	678,000	10,179,000	10,857,000

OTHER DEPARTMENTS
FISCAL YEAR 2020 CAPITAL BUDGET
BUDGET/FORECAST COMPARISON

CATEGORY		2019 COMPL	2020	2020 COMPL	2020	2019	2020 BUDGET vs 2020
		BUDGET	FORECAST	BUDGET	\$	COMPL BUDGET	FORECAST
					\$	%	%
					DIFFERENCE	DIFF.	DIFF.
FACILITIES	ADDITIONS	158,000	162,000	162,000	4,000	2.5%	0.0%
	REPLACEMENTS	1,644,000	12,584,590	5,457,000	3,813,000	231.9%	-56.6%
	TOTAL	1,802,000	12,746,590	5,619,000	3,817,000	211.8%	-55.9%
INFORMATION SERVICES	ADDITIONS	574,000	461,000	516,000	(58,000)	-10.1%	11.8%
	REPLACEMENTS	15,391,000	13,030,000	525,000	(14,866,000)	-98.6%	-98.0%
	TOTAL	15,965,000	13,491,000	1,041,000	(14,924,000)	-93.5%	-92.3%
CHIEF OPERATING OFFICER	ADDITIONS	-	-	-	-	N/A	N/A
	REPLACEMENTS	750,000	750,000	4,142,000	3,392,000	452.3%	452.3%
	TOTAL	750,000	750,000	4,142,000	3,392,000	452.3%	452.3%
VP TECHNICAL COMPLIANCE	ADDITIONS	-	-	-	-	N/A	N/A
	REPLACEMENTS	-	4,000,000	-	-	N/A	-100.0%
	TOTAL	-	4,000,000	-	-	N/A	-100.0%
CHEMICAL SERVICES	ADDITIONS	-	-	-	-	N/A	N/A
	REPLACEMENTS	-	-	55,000	55,000	N/A	N/A
	TOTAL	-	-	55,000	55,000	N/A	N/A
SECURITY & LOST PREVENTION	ADDITIONS	-	-	-	-	N/A	N/A
	REPLACEMENTS	327,000	-	-	(327,000)	-100.0%	N/A
	TOTAL	327,000	-	-	(327,000)	-100.0%	N/A
TOTAL OTHER DEPARTMENTS	18,844,000	30,987,590	10,857,000	(7,987,000)	-42.4%	-65.0%	

OTHER DEPARTMENTS
FISCAL 2020 CAPITAL BUDGET

P		<u>FACILITIES</u>	AMOUNT
1	72-01-1-01	MISCELLANEOUS CAPITAL ADDITIONS	150,000
1	72-01-1-02	MISCELLANEOUS CAPITAL ADDITIONS - GAS PROCESSING	12,000
1	72-01-2-01	MISCELLANEOUS CAPITAL REPLACEMENTS/STRUCTURAL REPAIRS	418,000
1	72-01-2-02	MISCELLANEOUS CAPITAL REPLACEMENTS - GAS PROCESSING	48,000
1	72-01-2-03	MISC CAPITAL REPL - STRUCTURAL REPAIRS - GAS PROCESSING	60,000
1	72-01-2-04	REPLACE CARPETS - ALL LOCATIONS	75,000
1	72-01-2-05	REPLACE MODULAR FURNITURE	100,000
1	72-01-2-06	REPLACE 800 AHU HW, CHW CONTROL VALVES, DAMPER ACTUATORS	228,000
1	72-01-2-07	REPLACE 1800 ROOF	3,105,000
1	72-01-2-08	REPLACE 1800 BOILER #2	228,000
1	72-01-2-09	WPDO REAR WALL STRCTUREAL REPLAIRS & REPLACE REAR WINDOWS	572,000
1	72-01-2-10	CIS TEAM SPACE FIT-OUT	349,000
1	72-01-2-11	150KW SOLAR ARRAY PASSYUNK PLANT	276,000
		TOTAL FACILITIES	<u><u>5,619,000</u></u>

		<u>INFORMATION SERVICES</u>	
2	47-01-1-01	MISCELLANEOUS SERVER, NETWORK, & HARDWARE ADDITIONS	59,000
2	47-01-1-02	MISCELLANEOUS SOFTWARE ADDITIONS	75,000
2	47-01-1-03	SYSTEM & NETWORK MONITORING APPLIANCE ADDITIONS	382,000
2	47-01-2-01	MISC SERVER AND NETWORK HARDWARE REPLACEMENT	475,000
2	47-01-2-02	MISCELLANEOUS SOFTWARE REPLACEMENTS	50,000
2	47-01-2-04	CUSTOMER INFORMATION SYSTEMS (CIS/BCCS) REPLACEMENTS	-
		TOTAL INFORMATION SERVICES	<u><u>1,041,000</u></u>

OTHER DEPARTMENTS
FISCAL 2020 CAPITAL BUDGET

P			AMOUNT
		<u>CHIEF OPERATING OFFICER</u>	
1	13-01-2-01	CONDITIONAL FUNDING FOR CAPITAL NEEDS RELATED TO SAFETY	3,387,010
2	13-01-2-02	CONDITIONAL FUNDING FOR CAPITAL NEEDS RELATED TO RELIABILITY OF SERVICE	169,445
4	13-01-2-03	CONDITIONAL FUNDING FOR CAPITAL NEEDS RELATED TO COST-JUSTIFIED LOAD GROWTH	585,545
		TOTAL CHIEF OPERATING OFFICER	<u>4,142,000</u>
		<u>CHEMICAL SERVICES</u>	
1	31-01-1-01	ODORANT INJECTION SYSTEM / ETHANE IDENTIFIER	55,000
		TOTAL SECURITY & LOST PREVENTION	<u>55,000</u>
		TOTAL OTHER DEPARTMENTS	<u>10,857,000</u>

OTHER DEPARTMENTS
LISTING BY PRIORITY
FISCAL 2020 CAPITAL BUDGET

P	CATEGORY	YEAR				
		AMOUNT	BUDGET_YR	YEAR_1	YEAR_2	YEAR_3
	<u>PRIORITY 1</u>					
1	72-01-1-01 MISCELLANEOUS CAPITAL ADDITIONS	150,000	150,000			
1	72-01-1-02 MISCELLANEOUS CAPITAL ADDITIONS - GAS PROCESSING	12,000	12,000			
1	72-01-2-01 MISCELLANEOUS CAPITAL REPLACEMENTS/STRUCTURAL REPAIRS	418,000	418,000			
1	72-01-2-02 MISCELLANEOUS CAPITAL REPLACEMENTS - GAS PROCESSING	48,000	48,000			
1	72-01-2-03 MISC CAPITAL REPL - STRUCTURAL REPAIRS - GAS PROCESSING	80,000	80,000			
1	72-01-2-04 REPLACE CARPETS - ALL LOCATIONS	75,000	75,000			
1	72-01-2-05 REPLACE MODULAR FURNITURE	100,000	100,000			
1	72-01-2-06 REPLACE 800 AHU HW, CHW CONTROL VALVES, DAMPER ACTUATORS	228,000	228,000			
1	72-01-2-07 REPLACE 1800 ROOF	3,105,000	3,105,000			
1	72-01-2-08 REPLACE 1800 BOILER 02	228,000	228,000			
1	72-01-2-09 WFOO REAR WALL STRUCTUREAL REPAIRS & REPLACE REAR WINDOWS	572,000	572,000			
1	72-01-2-10 CIS TEAM SPACE FIT-OUT	348,000	348,000			
1	72-01-2-11 150KW SOLAR ARRAY PASSIVUMK PLANT	276,000	276,000			
1	13-01-2-01 CONDITIONAL FUNDING FOR CAPITAL NEEDS RELATED TO SAFETY	3,387,010	3,387,010			
1	31-01-1-01 ODORANT INJECTION SYSTEM / ETHANE IDENTIFIER	55,000	55,000			
	<u>PRIORITY 2</u>					
2	47-01-1-01 MISCELLANEOUS SERVER, NETWORK, & HARDWARE ADDITIONS	59,000	30,000	29,000		
2	47-01-1-02 MISCELLANEOUS SOFTWARE ADDITIONS	75,000	50,000	25,000		
2	47-01-1-03 SYSTEM & NETWORK MONITORING APPLIANCE ADDITIONS	382,000	200,000	182,000		
2	47-01-1-04 SAN STORAGE REPLACEMENTS					
2	47-01-1-05 AMIS CORROSION					
2	47-01-1-06 GIS IMPLEMENTATION					
2	47-01-2-01 MISC SERVER AND NETWORK HARDWARE REPLACEMENT	475,000	355,000	120,000		
2	47-01-2-02 MISCELLANEOUS SOFTWARE REPLACEMENTS	50,000	30,000	20,000		
2	47-01-2-03 PRI TO SIP CONVERSION REPLACEMENTS					
2	47-01-2-04 CUSTOMER INFORMATION SYSTEMS (CIS/BCCS) REPLACEMENTS					
2	13-01-2-02 CONDITIONAL FUNDING FOR CAPITAL NEEDS RELATED TO RELIABILITY OF SERVICE	189,445	189,445			
	<u>PRIORITY 4</u>					
4	13-01-2-03 ADDITIONAL FUNDING FOR CAPITAL NEEDS RELATED TO COST-JUSTIFIED LOAD GROW	585,545	585,545			
	TOTAL OTHER DEPARTMENTS:	10,857,000	10,451,000	376,000		

PHILADELPHIA GAS WORKS
 FISCAL YEAR 2020 CAPITAL BUDGET
 OTHER DEPARTMENTS ESTIMATE OF ENCUMBRANCE AND EXPENDITURE

FISCAL YEAR	ADDITIONS		REPLACEMENTS		TOTAL	
	ENCUMBERED	EXPENDED	ENCUMBERED	EXPENDED	ENCUMBERED	EXPENDED
CURRENT BUDGET	678,000	442,000	10,179,000	10,039,000	10,857,000	10,481,000
YEAR 1		236,000		140,000		376,000
YEAR 2						
YEAR 3						
YEAR 4 AND BEYOND						
TOTAL	678,000	678,000	10,179,000	10,179,000	10,857,000	10,857,000

FIVE YEAR FORECAST

PHILADELPHIA GAS WORKS

FISCAL YEAR 2020 AND FORECAST 2021 THROUGH 2025

<u>DEPARTMENT</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>TOTAL</u>
<u>CAPITAL BUDGET</u>							<u>6 YEARS</u>
<u>FIELD SERVICES</u>							
ADDITIONS	2,553,000	2,648,000	2,709,000	2,852,000	2,981,000	3,085,000	16,828,000
REPLACEMENTS	<u>9,336,000</u>	<u>8,097,000</u>	<u>8,133,000</u>	<u>7,171,000</u>	<u>6,702,000</u>	<u>6,238,000</u>	<u>45,677,000</u>
GROSS TOTAL FIELD SERVICES	11,889,000	10,745,000	10,842,000	10,023,000	9,683,000	9,323,000	<u>62,505,000</u>
LESS: SALVAGE							
LESS: CONTRIBUTIONS*							
NET TOTAL FIELD SERVICES	11,889,000	10,745,000	10,842,000	10,023,000	9,683,000	9,323,000	<u>62,505,000</u>
ACQUIRE ASSETS LEASE	11,889,000	10,745,000	10,842,000	10,023,000	9,683,000	9,323,000	62,505,000
<u>FLEET OPERATIONS</u>							
ADDITIONS	84,000						84,000
REPLACEMENTS	<u>2,669,000</u>	<u>6,132,000</u>	<u>3,893,000</u>	<u>4,261,000</u>	<u>8,658,000</u>	<u>4,588,000</u>	<u>30,201,000</u>
GROSS TOTAL FLEET OPERATIONS	2,753,000	6,132,000	3,893,000	4,261,000	8,658,000	4,588,000	<u>30,285,000</u>
LESS: SALVAGE							
NET TOTAL FLEET OPERATIONS	2,753,000	6,132,000	3,893,000	4,261,000	8,658,000	4,588,000	<u>30,285,000</u>
ACQUIRE ASSETS LEASE	2,753,000	6,132,000	3,893,000	4,261,000	8,658,000	4,588,000	30,285,000

PHILADELPHIA GAS WORKS

FISCAL YEAR 2020 AND FORECAST 2021 THROUGH 2025

<u>DEPARTMENT</u>	<u>2020 CAPITAL BUDGET</u>	<u>FORECAST</u>				<u>TOTAL 6 YEARS</u>
		<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	
<u>OTHER</u>						
ADDITIONS	678,000	300,350	307,533	314,888	322,589	330,480
REPLACEMENTS	<u>10,179,000</u>	<u>46,418,590</u>	<u>18,351,749</u>	<u>17,450,581</u>	<u>17,769,443</u>	<u>18,095,909</u>
TOTAL OTHER	10,857,000	46,718,940	18,659,282	17,765,469	18,092,032	18,426,389
ACQUIRE ASSETS LEASE	10,857,000	46,718,940	18,659,282	17,765,469	18,092,032	18,426,389
<u>TOTAL</u>						
ADDITIONS	18,155,000	17,523,350	18,099,533	18,448,888	21,458,589	19,439,480
REPLACEMENTS	<u>110,852,000</u>	<u>157,706,290</u>	<u>123,998,149</u>	<u>124,598,581</u>	<u>127,688,443</u>	<u>128,232,909</u>
GROSS TOTAL	129,007,000	175,229,640	142,097,682	143,047,469	149,147,032	147,672,389
LESS: SALVAGE						
LESS: REIMBURSEMENT**	(4,312,504)	(4,399,000)	(4,487,000)	(4,577,000)	(4,669,000)	(4,762,000)
LESS: CONTRIBUTIONS*						
NET TOTAL	<u>124,694,496</u>	<u>170,830,640</u>	<u>137,610,682</u>	<u>138,470,469</u>	<u>144,478,032</u>	<u>142,910,389</u>
ACQUIRE ASSETS LEASE	124,694,496	170,830,640	137,610,682	138,470,469	144,478,032	142,910,389

* CONTRIBUTIONS ARE POTENTIAL CUSTOMER CONTRIBUTIONS

** REIMBURSEMENT TO PGW FOR RELOCATING STRUCTURES & EQUIPMENT AND/OR LOAD GROWTH

PHILADELPHIA GAS WORKS
PROPOSED 2021 - 2025 FORECAST
(COMPARISON)

<u>DEPARTMENT</u>	<u>2020 - 2024 FORECAST</u>	<u>2021 - 2025 FORECAST</u>	<u>AMOUNT DIFFERENCE</u>	<u>PERCENT DIFFERENCE</u>
<u>GAS PROCESSING</u>				
ADDITIONS	2,475,000	3,150,000	675,000	27.3%
REPLACEMENTS	<u>38,287,000</u>	<u>36,795,100</u>	<u>(1,491,900)</u>	-3.9%
TOTAL GAS PROCESSING	40,762,000	39,945,100	(816,900)	-2.0%
<u>DISTRIBUTION</u>				
ADDITIONS	70,431,000	75,969,000	5,538,000	7.9%
REPLACEMENTS	<u>420,403,000</u>	<u>443,470,000</u>	<u>23,067,000</u>	5.5%
GROSS TOTAL DISTRIBUTION	490,834,000	519,439,000	28,605,000	5.8%
LESS: SALVAGE				
LESS: CONTRIBUTIONS*				
LESS: REIMBURSEMENT**	<u>(9,990,000)</u>	<u>(22,894,000)</u>	<u>(12,904,000)</u>	129.2%
NET TOTAL DISTRIBUTION	490,834,000	496,545,000	5,711,000	1.2%
<u>FIELD SERVICES</u>				
ADDITIONS	17,390,000	14,275,000	(3,115,000)	-17.9%
REPLACEMENTS	<u>29,669,000</u>	<u>36,341,000</u>	<u>6,672,000</u>	22.5%
GROSS TOTAL FIELD SERVICES	47,059,000	50,616,000	3,557,000	7.6%
LESS: SALVAGE				
LESS: CONTRIBUTIONS*				
NET TOTAL FIELD SERVICES	47,059,000	50,616,000	3,557,000	7.6%

PHILADELPHIA GAS WORKS
PROPOSED 2021 - 2025 FORECAST
(COMPARISON)

<u>DEPARTMENT</u>	<u>2020 - 2024 FORECAST</u>	<u>2021 - 2025 FORECAST</u>	<u>AMOUNT DIFFERENCE</u>	<u>PERCENT DIFFERENCE</u>
<u>FLEET OPERATIONS</u>				
ADDITIONS	84,000		(84,000)	
REPLACEMENTS	<u>19,399,000</u>	<u>27,532,000</u>	<u>8,133,000</u>	41.9%
GROSS TOTAL FLEET OPERATIONS	19,483,000	27,532,000	8,049,000	41.3%
LESS: SALVAGE				
NET TOTAL FLEET OPERATIONS	19,483,000	27,532,000	8,049,000	41.3%
<u>OTHER</u>				
ADDITIONS	3,281,050	14,370,746	11,089,696	338.0%
REPLACEMENTS	<u>94,552,950</u>	<u>118,086,272</u>	<u>23,533,322</u>	24.9%
TOTAL OTHER	97,834,000	132,457,018	34,623,018	35.4%
<u>TOTAL</u>				
ADDITIONS	93,661,050	107,764,746	14,103,696	15.1%
REPLACEMENTS	<u>602,310,950</u>	<u>662,224,372</u>	59,913,422	9.9%
GROSS TOTAL	695,972,000	769,989,118	74,017,118	10.6%
LESS: SALVAGE				
LESS: REIMBURSEMENT**	(9,990,000)	(22,894,000)	(12,904,000)	129.2%
LESS: CONTRIBUTIONS*				
NET TOTAL	<u>685,982,000</u>	<u>747,095,118</u>	<u>61,113,118</u>	8.9%

* CONTRIBUTIONS ARE POTENTIAL CUSTOMER CONTRIBUTIONS

** REIMBURSEMENT TO PGW FOR RELOCATING STRUCTURES & EQUIPMENT AND/OR LOAD GROWTH

GAS PROCESSING DEPARTMENT

FORECAST - FISCAL YEARS 2021 THROUGH 2025

		<u>2019 COMPLIANCE BUDGET</u>	<u>2020 COMPLIANCE BUDGET</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>TOTAL FORECAST</u>
<u>GP-1 NATURAL GAS MEASUREMENT AND CONTROL FACILITIES</u>									
1	53-02-1-03		996,000	1,800,000		1,800,000			3,600,000
			996,000	1,800,000		1,800,000			3,600,000
TOTAL GP-1									
<u>GP-2 SUPPLEMENTAL GAS FACILITIES</u>									
2	53-02-1-03						2,000,000		2,000,000
2	53-02-1-04	292,000			159,000				159,000
2	53-02-1-05	119,000	179,000						179,000
2	53-02-1-06					506,000			506,000
2	53-02-2-05					1,299,000			1,299,000
2	53-02-2-06			86,000				2,472,000	1,299,000
1	53-02-2-08			6,500,000					6,500,000
1	53-02-2-09					5,000,000			5,000,000
1	53-02-2-11	2,976,000		1,397,000					1,397,000
1	53-02-2-12				875,000				875,000
1	53-02-2-13				2,000,000				2,000,000

GAS PROCESSING DEPARTMENT

FORECAST - FISCAL YEARS 2021 THROUGH 2025

	<u>2019 COMPLIANCE BUDGET</u>	<u>2020 COMPLIANCE BUDGET</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>TOTAL FORECAST</u>
2 53-02-2-14 REMODEL CENTRAL CONTROL ROOM - PASSYUNK				521,000				521,000
2 53-02-2-17 RELOCATE STEAM SILENCER - PASSYUNK		151,000						151,000
2 53-02-2-18 ISOLATE NATURAL GAS HEATERS - PASSYUNK		168,000						168,000
2 53-02-2-19 REPLACE H2O ANALYZER - RICHMOND PLANT					204,000			204,000
2 53-02-2-20 UPGRADE H-1 HEATER CONTROLS - RICHMOND				2,619,400				2,619,400
2 53-02-2-21 REPLACE STEAM HEATING IN SWITCHGEAR BUILDING - PASSYUNK	149,000							149,000
2 53-02-2-22 ISOLATE PIPING IN #77 HOUSE BASEMENT - RICHMOND			287,700					287,700
2 53-02-2-23 Replace LNG Tank Deluge Piping - Passyunk	498,000							498,000
2 53-02-2-24 Utility pads replacement - Passyunk	382,000							382,000
2 53-02-2-25 Replace controls on LNG Vaporizers - Richmond	573,000							573,000
2 53-02-2-26 Replace ESD Panel for V-101 - Richmond	92,000							92,000
2 53-02-2-27 Replace Drain Line from E-22F Vaporizer	1,250,000							1,250,000
2 53-02-2-28 Upgrade Main Gate Guard Shack - Passyunk			495,000					495,000
TOTAL GP-2	3,536,000	3,125,000	8,933,700	6,174,400	5,000,000	3,895,000	2,676,000	26,083,100

DISTRIBUTION DEPARTMENT
FORECAST - FISCAL YEARS 2021 THROUGH 2025

	<u>2019 COMPLIANCE BUDGET</u>	<u>2020 COMPLIANCE BUDGET</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>TOTAL FORECAST</u>
D-20 HIGH PRESSURE MAINS								
4 52-20-1-01 INSTALLATIONS TO PROVIDE FOR AHEAD-OF-PAVING AND EXTENSIONS TO SUPPLY ADDITIONAL LOADS	1,216,000	2,091,000	2,370,000	2,427,000	2,485,000	2,545,000	2,606,000	12,433,000
3 52-20-2-01 ENFORCED RELOCATIONS CAUSED BY CITY AND STATE WORK	1,771,000	1,898,000	1,944,000	1,991,000	2,039,000	2,088,000	2,138,000	10,200,000
	2,987,000	3,989,000	4,314,000	4,418,000	4,524,000	4,633,000	4,744,000	22,633,000
	<u>2,987,000</u>	<u>3,989,000</u>	<u>4,314,000</u>	<u>4,418,000</u>	<u>4,524,000</u>	<u>4,633,000</u>	<u>4,744,000</u>	<u>22,633,000</u>
GROSS TOTAL D-20								
	2,987,000	3,989,000	4,314,000	4,418,000	4,524,000	4,633,000	4,744,000	22,633,000
NET TOTAL D-20								
	2,987,000	3,989,000	4,314,000	4,418,000	4,524,000	4,633,000	4,744,000	22,633,000
D-21 8 INCH AND SMALLER L.P. AND L.P. MAIN								
4 52-21-1-01 MAINS TO SUPPLY NEW CUSTOMERS AND TO PROVIDE FOR INCREASED CAPACITY	2,548,000	2,545,000	2,606,000	2,666,000	2,733,000	2,799,000	2,866,000	13,673,000
3 52-21-2-01 ENFORCED RELOCATIONS CAUSED BY CITY, STATE AND OTHER WORK	6,946,000	6,483,000	6,639,000	6,798,000	6,961,000	7,128,000	7,299,000	34,825,000
1 52-21-2-02 PRUDENT MAIN REPLACEMENTS	17,115,000	20,162,000	20,646,000	21,142,000	21,649,000	22,169,000	22,701,000	108,307,000
1 52-21-2-03 LONG TERM INFRASTRUCTURE PLAN - DSIC	33,000,000	33,000,000	33,000,000	33,000,000	33,000,000	33,000,000	33,000,000	165,000,000
	59,609,000	62,190,000	62,891,000	63,609,000	64,343,000	65,096,000	65,866,000	321,805,000
	<u>(1,882,767)</u>	<u>(4,312,504)</u>	<u>(4,399,000)</u>	<u>(4,487,000)</u>	<u>(4,577,000)</u>	<u>(4,669,000)</u>	<u>(4,762,000)</u>	<u>(22,894,000)</u>
NET TOTAL D-21								
	57,726,233	57,877,496	58,492,000	58,122,000	59,766,000	60,427,000	61,104,000	298,911,000
	<u>57,726,233</u>	<u>57,877,496</u>	<u>58,492,000</u>	<u>58,122,000</u>	<u>59,766,000</u>	<u>60,427,000</u>	<u>61,104,000</u>	<u>298,911,000</u>

DISTRIBUTION DEPARTMENT
FORECAST - FISCAL YEARS 2021 THROUGH 2025

	<u>2019 COMPLIANCE BUDGET</u>	<u>2020 COMPLIANCE BUDGET</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>TOTAL FORECAST</u>
D-22 12 INCH AND LARGER L.P. AND L.P. MAIN								
4 52-22-1-01 TO SUPPLY NEW CUSTOMERS AND TO PROVIDE FOR INSTALLATION OF MAINS AHEAD-OF-PAVING	129,000	175,000	179,000	183,000	187,000	191,000	196,000	936,000
3 52-22-2-01 MAIN FOR MAJOR ENFORCED RELOCATION	487,000	500,000	512,000	524,000	537,000	550,000	563,000	2,696,000
52-2X-X-XX NON-RECURRING ITEMS		411,000	421,000	431,000	441,000	452,000	463,000	
	<u>616,000</u>	<u>1,086,000</u>	<u>1,112,000</u>	<u>1,138,000</u>	<u>1,165,000</u>	<u>1,193,000</u>	<u>1,222,000</u>	<u>3,622,000</u>
GROSS TOTAL D-22								
52-22-2-97 LESS: REIMBURSEMENT**	616,000	1,086,000	1,112,000	1,138,000	1,165,000	1,193,000	1,222,000	3,622,000
LESS: CONTRIBUTIONS*								
NET TOTAL D-22								
D-23 CUSTOMER METERING & REGULATOR INSTALLATION, AND PRESSURE REGULATION & CORROSION CONTROL FACILITIES								
4 52-23-1-01 CUSTOMER METERING AND REGULATOR INSTALLATION	479,000	345,000	363,000	361,000	370,000	379,000	388,000	1,851,000
1 52-23-2-01 REPLACEMENT/REHABILITATION OF HIGH PRESSURE MAIN VALVES	531,000	542,000	555,000	568,000	582,000	596,000	610,000	2,911,000
2 52-23-2-02 REPLACEMENT OF VARIOUS PRESSURE REGULATING AND CORROSION CONTROL FACILITIES	474,000	486,000	498,000	510,000	522,000	535,000	548,000	2,613,000
	<u>1,484,000</u>	<u>1,373,000</u>	<u>1,406,000</u>	<u>1,439,000</u>	<u>1,474,000</u>	<u>1,510,000</u>	<u>1,546,000</u>	<u>7,375,000</u>
GROSS TOTAL D-23								
LESS: REIMBURSEMENT**	1,484,000	1,373,000	1,406,000	1,439,000	1,474,000	1,510,000	1,546,000	7,375,000
LESS: CONTRIBUTIONS*								
TOTAL D-23								

FIELD SERVICES DEPARTMENT

FORECAST - FISCAL YEARS 2021 THROUGH 2025

	<u>2019 COMPLIANCE BUDGET</u>	<u>2020 COMPLIANCE BUDGET</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>TOTAL FORECAST</u>
<u>C-30 METERS</u>								
4 50-30-1-01 ADDITIONS AND INSTALLATIONS	2,068,000	2,197,000	2,284,000	2,370,000	2,485,000	2,590,000	2,701,000	12,431,000
1 50-30-2-01 REPLACEMENTS	2,706,000	2,498,000	2,788,000	2,822,000	2,908,000	2,978,000	3,051,000	14,527,000
TOTAL C-30	4,774,000	4,695,000	5,072,000	5,192,000	5,394,000	5,568,000	5,752,000	26,958,000
<u>C-32 SERVICES REGULATORS</u>								
4 50-32-1-01 ADDITIONS AND INSTALLATIONS	68,000	60,000	61,000	62,000	64,000	66,000	67,000	320,000
1 50-32-2-01 REPLACEMENTS	42,000	72,000	76,000	78,000	80,000	82,000	84,000	400,000
TOTAL C-32	110,000	132,000	137,000	140,000	144,000	148,000	151,000	720,000
<u>C-33 TELEMETERING</u>								
1 50-33-1-01 ADDITIONS AND INSTALLATIONS	146,000	82,000	84,000	85,000	88,000	90,000	93,000	440,000
1 50-33-2-01 REPLACEMENTS	126,000	91,000	84,000	85,000	88,000	90,000	93,000	440,000
TOTAL C-33	272,000	173,000	168,000	170,000	176,000	180,000	186,000	880,000

FIELD SERVICES DEPARTMENT

FORECAST - FISCAL YEARS 2021 THROUGH 2025

	<u>2019 COMPLIANCE BUDGET</u>	<u>2020 COMPLIANCE BUDGET</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>TOTAL FORECAST</u>
<u>C-34 METER SHOP EQUIPMENT</u>								
2 50-34-1-01 ADDITIONS AND INSTALLATIONS	5,400,000							
1 50-34-2-01 REPLACEMENTS	<u>23,000</u>							
TOTAL C-34	<u>5,423,000</u>							
<u>C-35 SERVICE SECTION EQUIPMENT</u>								
5 50-35-1-01 REPLACEMENTS	2,900,000	400,000	400,000	400,000	400,000	400,000	400,000	<u>2,000,000</u>
TOTAL C-35	<u>2,900,000</u>	<u>400,000</u>	<u>400,000</u>	<u>400,000</u>	<u>400,000</u>	<u>400,000</u>	<u>400,000</u>	<u>2,000,000</u>
<u>C-36 AUTOMATIC METER READING</u>								
5 50-36-1-01 ADDITIONS	190,000	214,000	219,000	192,000	214,000	235,000	224,000	<u>1,084,000</u>
5 50-36-2-01 REPLACEMENTS	<u>2,857,000</u>	<u>3,777,000</u>	<u>4,853,000</u>	<u>4,833,000</u>	<u>3,783,000</u>	<u>3,242,000</u>	<u>2,703,000</u>	<u>19,414,000</u>
TOTAL C-36	<u>2,847,000</u>	<u>3,991,000</u>	<u>5,072,000</u>	<u>5,025,000</u>	<u>3,997,000</u>	<u>3,477,000</u>	<u>2,927,000</u>	<u>20,498,000</u>
GROSS TOTAL FIELD SERVICES DEPARTMENT	13,366,000	11,889,000	10,745,000	10,842,000	10,023,000	9,683,000	9,323,000	<u>50,616,000</u>
50-88-2-98 LESS: SALVAGE								
50-94-1-94 LESS: CONTRIBUTIONS								
NET TOTAL FIELD SERVICES DEPARTMENT	<u>13,366,000</u>	<u>11,889,000</u>	<u>10,745,000</u>	<u>10,842,000</u>	<u>10,023,000</u>	<u>9,683,000</u>	<u>9,323,000</u>	<u>50,616,000</u>
ACQUIRE ASSETS	13,366,000	11,889,000	10,745,000	10,842,000	10,023,000	9,683,000	9,323,000	50,616,000
LEASE								

**FLEET OPERATIONS DEPARTMENT
FORECAST - FISCAL YEARS 2021 THROUGH 2025**

	<u>2019 COMPLIANCE BUDGET</u>	<u>2020 COMPLIANCE BUDGET</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>TOTAL FORECAST</u>
73-01-1-03 VEHICLE ADDITIONS		84,000.00						
73-01-2-01 SHOP EQUIPMENT REPLACEMENTS	12,000	23,000						
73-01-2-02 MOBILE EQUIPMENT REPLACEMENTS	415,000	773,000	925,000	1,091,000	778,000	2,616,000	227,000	5,637,000
73-01-2-03 VEHICLE REPLACEMENTS	1,608,000	1,873,000	5,207,000	2,802,000	3,483,000	6,042,000	4,361,000	21,895,000
73-98-2-98 LESS: SALVAGE								
NET TOTAL FLEET OPERATIONS DEPARTMENT	<u>2,035,000</u>	<u>2,753,000</u>	<u>6,132,000</u>	<u>3,893,000</u>	<u>4,261,000</u>	<u>8,658,000</u>	<u>4,588,000</u>	<u>27,532,000</u>
ACQUIRE ASSETS LEASE	2,035,000	2,753,000	6,132,000	3,893,000	4,261,000	8,658,000	4,588,000	27,532,000

OTHER DEPARTMENTS

FORECAST - FISCAL YEARS 2021 THROUGH 2025

	<u>2019</u> <u>COMPLIANCE</u> <u>BUDGET</u>	<u>2020</u> <u>COMPLIANCE</u> <u>BUDGET</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>TOTAL</u> <u>FORECAST</u>
FACILITIES								
1 72-01-1-01 MISCELLANEOUS CAPITAL ADDITIONS	150,000	150,000	150,000	153,450	156,979	160,747	164,605	785,781
MISCELLANEOUS CAPITAL ADDITIONS - GAS								
1 72-01-1-02 PROCESSING	8,000	12,000	13,000	13,299	13,605	13,931	14,266	68,101
MISCELLANEOUS CAPITAL								
1 72-01-2-01 REPLACEMENTS/STRUCTURAL REPAIRS	418,000	418,000	404,000	413,292	422,798	432,945	443,336	2,116,371
MISCELLANEOUS CAPITAL REPLACEMENTS -								
1 72-01-2-02 GAS PROCESSING	24,000	48,000	49,000	50,127	51,280	52,511	53,771	256,689
MISC CAPITAL REPL - STRUCTURAL REPAIRS -								
1 72-01-2-03 GAS PROCESSING	34,000	60,000	61,000	62,403	63,838	65,370	66,939	319,550
1 72-01-2-04 REPLACE CARPETS - ALL LOCATIONS	61,000	75,000	75,000	76,725	78,490	80,373	82,302	392,890
1 72-01-2-05 REPLACE MODULAR FURNITURE	67,000	100,000	75,000	76,725	78,490	80,373	82,302	392,890
REPLACE 800 AHU HW, CHW CONTROL								
1 72-01-2-06 VALVES, DAMPER ACTUATORS	1,040,000	226,000						
2 72-01-2-07 REPLACE 1800 ROOF		3,105,000						
1 72-01-2-08 800 BUILDING			450,575	460,938	471,540	482,857	494,445	2,360,355
2 72-01-2-09 1800 BUILDING			8,100,430	8,286,740	8,477,335	8,680,791	8,889,130	42,434,426
1 72-01-2-10 1849 BUILDING AND PARKING GARAGE			2,157,067	2,206,680	2,257,433	2,311,612	2,367,090	11,299,882
1 72-01-2-11 METER SHOP			641,429	656,182	671,274	687,385	703,882	3,360,152
2 72-01-2-12 BELFIELD STATION			116,043	118,712	121,442	124,357	127,342	607,896
1 72-01-2-13 CASTOR STATION			179,188	183,309	187,525	192,026	196,635	938,683
2 72-01-2-14 PORTER STATION			126,588	129,500	132,478	135,657	138,913	663,136
2 72-01-2-15 TIOGA STATION			180,270	184,416	188,658	193,186	197,822	944,352
72-01-XX-XX-NON-RECURRING ITEMS		1,425,000	4,900,000	1,200,000				6,100,000
TOTAL FACILITIES	<u>1,802,000</u>	<u>5,619,000</u>	<u>17,678,590</u>	<u>14,272,498</u>	<u>13,373,165</u>	<u>13,694,121</u>	<u>14,022,780</u>	<u>73,041,154</u>

		<u>OTHER DEPARTMENTS</u>							
		<u>FORECAST - FISCAL YEARS 2021 THROUGH 2025</u>							
		<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>TOTAL</u>
		<u>COMPLIANCE</u>	<u>COMPLIANCE</u>						<u>FORECAST</u>
<u>INFORMATION SERVICES</u>									
<u>MISCELLANEOUS SERVER, NETWORK, & HARDWARE ADDITIONS</u>									
2	47-01-1-01	62,000	59,000	60,475	61,987	63,537	65,125	66,753	317,877
2	47-01-1-02	205,000	75,000	76,875	78,797	80,767	82,786	84,856	404,081
<u>SYSTEM & NETWORK MONITORING</u>									
2	47-01-1-03	185,000	382,000						
1	47-01-1-04	230,000							
2	47-01-1-05	400,000							
2	47-01-1-06	1,225,000							
2	47-01-2-01	484,000	475,000	51,000	52,000	53,000	54,000	55,000	265,000
<u>MISCELLANEOUS SOFTWARE</u>									
2	47-01-2-02	50,000	50,000	51,000	52,000	53,000	54,000	55,000	265,000
2	47-01-2-03	310,000							
<u>CUSTOMER INFORMATION SYSTEMS</u>									
2	47-01-2-04	12,692,000		19,970,000					19,970,000
<u>2017 REAUTHORIZATION</u>									
5	10-01-1-01	87,000							
5	10-01-1-02	35,000							
TOTAL INFORMATION SERVICES		<u>15,965,000</u>	<u>1,041,000</u>	<u>20,209,350</u>	<u>244,784</u>	<u>250,304</u>	<u>255,911</u>	<u>261,609</u>	<u>21,221,958</u>

FISCAL 2020 FINANCING PLAN

PHILADELPHIA GAS WORKS
CAPITAL FINANCING PLAN

As a result of the FY 2011 Operating Budget proceedings, a motion was approved that directed PGW to begin with its FY 2012 Capital Budget filing to include with each proposed Capital Budget and Capital Budget Amendment a proposed Capital Funding plan pursuant to Section IV.2.b of the Management Agreement.

In this section of the Management Agreement, funds required to be supplied must be identified between:

- i. Funds generated within the business through charges to customer or otherwise; and
- ii. Funds to be obtained through capital loans.

Capital Spending in FY 2020 Compliance

• Spending from FY 2020 Program	\$ 90,106,000
• Spending Carryover from FY 2019	\$ 38,650,000
• Total FY 2020 Spending	\$ 128,756,000
• Projected Reimbursement	\$ 4,313,000
• Salvage	\$ 465,000
• Construction Contributions	\$ 1,113,000
• Net FY 2020 Capital Spending	\$ 122,865,000

Capital Funding Sources:

• Capital Bond Proceeds	\$ 60,805,000
• DSIC	\$ 33,000,000
• Internally Generated Funds	\$ 27,761,000
• FY 2020 Capital Funding	\$ 122,865,000

The funding plan is based upon current financial projections and is subject to changes based upon PGW's financial conditions at the time funds are required to support the FY 2020 Capital Program.