Danville Utility Commission Meeting Agenda
4:00 p.m., April 26, 2021

City Council Chambers, Danville City Hall

I. Call to Order

A. Roll Call

II. Discussion/Business Items

A. Minutes of the March 22, 2021 Commission Meeting

B. Review of Utilities' Financial Statements

C. Utilities Capital Improvement Project Update

III. Communications

A. City Manager

B. Utilities Staff

C. Commission Members

D. Public Comments

E. Director's Report

IV. Adjournment

Next Utility Commission Meeting

4:00 p.m. Monday, May 24, 2021

City Council Chambers
4th Floor, City Hall

Danville Utility Commission
4:00 p.m. March 22, 2021 Meeting
Council Chambers, City Hall
<u>Minutes</u>

Commission Members Present:	Vanessa Cain, Sheila Williamson-Branch, Paul Liepe, Helm Dobbins, Fred Shanks, Ken Larking, Anna Kautzman, Vic Ingram, Gary Miller
Commission Members Absent:	Bert Eades
Staff Present:	Jason Grey, Ryan Dodson, Janet Davis, Jennifer Holley, Michael Adkins
Others Present:	Tom Dick, MEPAV

Call to Order

Chairman Cain opened the meeting and asked that the attendance be recorded. As a quorum was present, the meeting was called to order.

Ms. Cain introduced Vic Ingram from the Pittsylvania County Board of Supervisors. Mr. Ingram was appointed by their board to serve as a non-voting representative of the County.

Discussion/Business Items

Minutes of February 22, 2021 Commission Meeting

Ms. Cain asked for any corrections, deletions, or adjustments to the minutes from February 22, 2021.

Mr. Dobbins made a motion to approve the minutes. Ms. Williamson-Branch seconded, all members voted in favor, and the motion carried unanimously.

Review of Utilities' Financial Statements

Ms. Holley presented the January financial statements for each utility fund.

Budget Appropriation-Substation Upgrades

Mr. Grey presented a recommendation to the Utility Commission to amend the fiscal year 2021 budget to include the proceeds from the sale of Pinnacles Hydro to Northbrook Energy. The sale was completed on February 10, 2021 and the funds could be re-purposed towards the upgrades at the Westover and Southside substations. In addition, the funds could be used towards the fourth delivery point at West Fork substation and the addition of the Ballou substation at the former Dan River Schoolfield complex.

A motion was made by Mr. Liepe and seconded by Mr. Dobbins that the Danville Utility Commission recommend to City Council amending the fiscal year 2021 budget to allocate the $8,200,000 from of the sale of Pinnacles Hydro to substation upgrades and renovations. All members voted in favor, and the motion carried unanimously.

State Legislative Update- Tom Dick, MEPAV

Tom Dick from MEPAV provided an update on the energy related legislation discussed this past session in Richmond.

Mr. Dobbins asked with the federal package that was recently passed, how much money was allocated for state and local municipalities. Mr. Dick responded that he believed roughly half of $6.8 billion will be provided to local communities. Mr. Dobbins said that it would be a good idea to find out what that distribution can be used for locally.

Dr. Miller asked did the state fund underground power lines. Mr. Dick responded that the cost was going to be recovered by Dominion customers of an increase of about $5 per month on customer bills, but no, the state would not be funding placing the lines underground; they would just allow the utility to recoup the cost through the customers' bills.

Department Discussions

Mr. Larking welcomed Mr. Ingram to the Commission as did Dr. Miller and Mr. Dobbins.

Mr. Grey reported that there is an energy efficiency seminar April 17th at 11:00am via Zoom.

There was no comment from City staff or the public.

Adjournment

Chairman Cain stated the next meeting is scheduled for April 26, 2021. Mr. Dobbins made a motion to adjourn. Mr. Liepe seconded the motion. There being no further business, Chairman Cain adjourned the meeting at 4:53 p.m.

April 26, 2021
Date Approved

Submitted by Janet C. Davis
Secretary to the DUC

Chairman
Danville Utility Commission

Commission Item Number: DUC210426 - 1
Utility Commission Meeting: April 26, 2021
Item: II. B. Review of Utilities' Financial Statements

Financial Report

February financials will be reviewed.

UTILITY FUNDS
COMBINING STATEMENTS OF REVENUES, EXPENSES, AND CHANGES IN FUND NET ASSETS
FOR THE PERIOD ENDED FEBRUARY 28, 2021 (YTD)
UNAUDITED

	WASTEWATER	WATER	GAS	ELECTRIC	TELECOM	TOTAL	CURRENT 20-21 BUDGET	LAST YEAR TO DATE
OPERATING REVENUE	5,876,756.85	5,711,396.27	13,644,752.82	79,358,065.90	434,341.24	105,025,313.08	169,322,180.00	107,328,693.97
COST OF SALES								
PURCHASED SERVICES	-	-	8,629,725.86	61,013,750.26	42,552.16	69,686,028.28	109,277,060.00	70,112,572.16
PRODUCTION	-	-	-	396,916.29	-	396,916.29	1,161,914.34	476,868.62
TOTAL COST OF SALES	-	-	8,629,725.86	61,410,666.55	42,552.16	70,082,944.57	110,438,974.34	70,589,440.78
GROSS PROFIT	5,876,756.85	5,711,396.27	5,015,026.96	17,947,399.35	391,789.08	34,942,368.51	58,883,205.66	36,739,253.19
GROSS PROFIT %	100.00%	100.00%	36.75%	22.62%	90.20%	33.27%	34.78%	34.23%
OPERATING EXPENSES								
TRANSMISSION & TREATMENT	1,939,622.64	1,228,428.56	-	939,407.10	-	4,107,458.30	6,881,796.06	3,608,031.82
ENGINEERING	-	138,385.29	140,659.57	564,551.34	-	843,596.20	1,821,407.95	834,982.17
DISTRIBUTION	1,590,637.60	567,531.63	404,597.29	8,383,804.73	-	10,946,571.25	17,385,554.40	11,141,937.03
SERVICE	55,579.10	38,923.32	32,660.11	-	-	127,162.53	382,580.00	81,663.43
METERS & REGULATORS	-	50,786.44	57,907.44	228,662.28	127.36	337,483.52	699,846.14	370,703.62
GENERAL & ADMINISTRATIVE	1,201,880.93	2,263,016.85	2,509,502.85	3,094,829.83	583,223.93	9,652,454.39	15,792,518.82	9,887,857.00
TOTAL OPERATING EXPENSES	4,787,720.27	4,287,072.09	3,145,327.26	13,211,255.28	583,351.29	26,014,726.19	42,963,703.37	25,925,175.07
OPERATING INCOME (LOSS)	1,089,036.58	1,424,324.18	1,869,699.70	4,736,144.07	(191,562.21)	8,927,642.32	15,919,502.29	10,814,078.12
NON-OPERATING REVENUE (EXPENSE)								
INTEREST INCOME ON INVESTMENTS	88,807.18	83,616.90	94,070.36	235,558.74	6,665.98	508,719.16	951,800.00	984,452.07
ENERGY EFFICIENCY RECOVERY	-	-	-	-	-	-	(110,160.09)	(242,654.68)
RECOVERIES AND REBATES	3,864.12	9,016.28	316.47	(63,715.84)	-	(50,518.97)	(122,050.00)	16,667.55
GAIN/LOSS ON DISPOSAL	-	-	-	5,141,585.74	-	5,141,585.74	48,970.00	29,305.14
JOBBING INCOME (LOSS)	20,628.98	32,416.15	12,900.50	47,206.58	(1,097.25)	112,054.96	495,850.00	252,521.00
INTEREST ON LONG TERM INDEBTEDNESS	(70,018.69)	(66,322.04)	(38,190.19)	(1,049,732.94)	-	(1,224,263.86)	(1,774,700.00)	(1,213,657.40)
NET INCOME (LOSS)	1,132,318.17	1,483,051.47	1,938,796.84	9,047,046.35	(185,993.48)	13,415,219.35	15,409,212.20	10,640,711.80
OPERATING TRANSFERS IN(OUT)	(470,506.64)	(633,533.36)	(2,124,220.00)	(6,953,073.36)	(54,000.00)	(10,235,333.36)	(15,353,000.00)	(10,235,333.36)
NET INCOME AFTER TRANSFERS	661,811.53	849,518.11	(185,423.16)	2,093,972.99	(239,993.48)	3,179,885.99	56,212.20	405,378.44
NET ASSETS JULY 1, AS RESTATED	62,156,573.90	47,244,511.09	56,214,191.52	170,688,476.88	8,647,107.61	344,950,861.00		
NET INCOME AFTER TRANSFERS	661,811.53	849,518.11	(185,423.16)	2,093,972.99	(239,993.48)	3,179,885.99		
FEDERAL GRANT	-	-	-	-	-	-		
CONTRIBUTION IN AID	31,134.00	-	-	-	-	31,134.00		
NET ASSETS FEBRUARY 2021	62,849,519.43	48,094,029.20	56,028,768.36	172,782,449.87	8,407,114.13	348,161,880.99		
NET ASSETS								
CONTRIBUTED CAPITAL - FIXED ASSETS	3,954,065.44	4,676,282.92	1,340,510.58	13,721,622.53	337,248.59	24,029,730.06		
RESTRICTED FOR INVESTMENT IN FIXED ASSETS	46,251,729.83	30,430,987.63	38,901,217.24	108,262,760.28	6,937,757.62	230,784,452.60		
RESTRICTED FOR PROJECTS IN PROGRESS	7,925,675.21	9,626,221.03	5,895,006.97	10,532,449.19	581,023.23	34,560,375.63		
RESTRICTED FOR ENCUMBRANCES	901,471.47	49,199.14	68,126.71	673,941.57	2,289.06	1,695,027.95		
RESTRICTED FOR ENERGY EFFICIENCY	-	-	-	-	-	-		
NET PENSION ASSETS	165,573.00	333,715.00	287,208.00	1,158,908.00	35,936.00	1,981,340.00		
DEFERRED OUTFLOWS - PENSION	205,037.00	413,258.00	355,665.00	1,435,139.00	44,502.00	2,453,601.00		
UNRESTRICTED	3,651,004.48	2,977,623.48	9,536,698.86	38,432,768.30	512,859.63	55,110,954.75		
TOTAL NET ASSETS	62,849,519.43	48,094,029.20	56,028,768.36	172,782,449.87	8,407,114.13	348,161,880.99		

CITY OF DANVILLE
UTILITY FUNDS
COMBINING STATEMENT OF NET ASSETS - UNAUDITED
FEBRUARY 28, 2021

		WASTEWATER	WATER	GAS	ELECTRIC	TELECOM	FEBRUARY 28, 2021
ASSETS							
Equity in pooled Cash and Investments	$	11,685,598.30	11,403,928.35	13,090,778.45	42,448,739.42	880,603.30	79,509,647.82
Receivables (Net of allowances for Uncollectible):							
Accounts		1,054,962.17	498,177.86	2,794,567.77	17,819,799.56	30,646.20	22,198,153.56
Power/Gas Cost Recovery		-	-	281,832.03	977,151.07	-	1,258,983.10
Pension Assets		165,573.00	333,715.00	287,208.00	1,158,908.00	35,936.00	1,981,340.00
Inventory of Gas, Materials and Supplies, at Cost		-	617,674.58	744,077.59	1,676,236.34	189,184.86	3,227,173.37
Fixed Assets		100,836,334.52	78,223,649.52	72,261,126.28	317,479,795.13	11,007,701.35	579,808,606.80
Accumulated Depreciation		(48,676,380.32)	(41,178,751.51)	(31,072,425.30)	(143,925,638.05)	(3,732,695.14)	(268,585,890.32)
Deferred Outflows - Pension		205,037.00	413,258.00	355,665.00	1,435,139.00	44,502.00	2,453,601.00
TOTAL ASSETS	$	65,271,124.67	50,311,651.80	58,742,829.82	239,070,130.47	8,455,878.57	421,851,615.33
LIABILITIES AND NET ASSETS							
Liabilities							
Accounts Payable	$	432,913.91	127,934.61	1,684,552.23	8,957,843.56	38,158.01	11,241,402.32
Accrued Interest Payable		34,532.40	33,632.09	17,610.92	620,360.67	-	706,136.08
Customer Deposits		-		-	3,982,308.78	-	3,982,308.78
Accrued Vacation, Sick Leave & Workers Comp.		-	118,428.44	64,925.15	552,506.27	10,606.43	746,466.29
Deferred Gain / Loss - Refunding Bonds		(129,803.08)	(123,763.30)	(69,312.09)	(1,286,972.30)	-	(1,609,850.77)
Original Issue Premium/Discount (Refunding Bonds)		160,704.43	156,720.87	80,941.41	4,933,413.80	-	5,331,780.51
General Obligation Bonds Payable		1,923,257.75	1,904,669.89	935,343.84	47,923,332.77	-	52,686,604.25
Revenue Bonds Payable		(0.17)	-	-	-	-	(0.17)
Long-Term Leases, Notes, and Contracts Payable		-	-	-	604,887.05	-	604,887.05
TOTAL LIABILITIES	$	2,421,605.24	2,217,622.60	2,714,061.46	66,287,680.60	48,764.44	73,689,734.34
Net Assets							
Contributed Capital	$	3,954,065.44	4,676,282.92	1,340,510.58	13,721,622.53	337,248.59	24,029,730.06
Retained Earnings:							
Restricted for Investment in Fixed Assets	$	46,251,729.83	30,430,987.63	38,901,217.24	108,262,760.28	6,937,757.62	230,784,452.60
Restricted for Incomplete Projects		7,925,675.21	9,626,221.03	5,895,006.97	10,532,449.19	581,023.23	34,560,375.63
Restricted for Subsequent Expenses		901,471.47	49,199.14	68,126.71	673,941.57	2,289.06	1,695,027.95
Net Pension Assets		165,573.00	333,715.00	287,208.00	1,158,908.00	35,936.00	1,981,340.00
Deferred Outflows - Pension		205,037.00	413,258.00	355,665.00	1,435,139.00	44,502.00	2,453,601.00
Unrestricted		3,651,004.48	2,977,623.48	9,536,698.86	38,432,768.30	512,859.63	55,110,954.75
Total Retained Earnings	$	58,895,453.99	43,417,746.28	54,688,257.78	159,060,827.34	8,069,865.54	324,132,150.93
TOTAL NET ASSETS	$	62,849,519.43	48,094,029.20	56,028,768.36	172,782,449.87	8,407,114.13	348,161,880.99
TOTAL LIABILITIES AND NET ASSETS	$	65,271,124.67	50,311,651.80	58,742,829.82	239,070,130.47	8,455,878.57	421,851,615.33

CITY OF DANVILLE
UTILITY FUNDS
COMBINING STATEMENT OF REVENUES, EXPENSES,
AND CHANGES IN FUND NET ASSETS
FOR THE PERIOD ENDED FEBRUARY 28, 2021

		WASTEWATER	WATER	GAS	ELECTRIC	TELECOM	FEBRUARY 28, 2021
Operating revenues:							
Charges for Services	$	5,876,756.85	5,711,396.27	13,644,752.82	79,358,065.90	434,341.24	105,025,313.08
Operating Expenses:							
Purchased Services	$	-	-	8,629,725.86	61,013,750.26	42,552.16	69,686,028.28
Production		-	-	-	396,916.29	-	396,916.29
Transmission & Treatment		1,939,622.64	1,228,428.56	-	939,407.10	-	4,107,458.30
Engineering		-	138,385.29	140,659.57	564,551.34	-	843,596.20
Distribution		1,590,637.60	567,531.63	404,597.29	8,383,804.73	-	10,946,571.25
Service		55,579.10	38,923.32	32,660.11	-	-	127,162.53
Meters & Regulators		-	50,786.44	57,907.44	228,662.28	127.36	337,483.52
Administrative		1,201,880.93	2,263,016.85	2,509,502.85	3,094,829.83	583,223.93	9,652,454.39
Total Operating Expenses	$	4,787,720.27	4,287,072.09	11,775,053.12	74,621,921.83	625,903.45	96,097,670.76
Operating Income (Loss)	$	1,089,036.58	1,424,324.18	1,869,699.70	4,736,144.07	(191,562.21)	8,927,642.32
Non-Operating Revenues (Expenses):							
Jobbing Income (Loss)		20,628.98	32,416.15	12,900.50	47,206.58	(1,097.25)	112,054.96
Interest Income		88,807.18	83,616.90	94,070.36	235,558.74	6,665.98	508,719.16
Energy Efficiency Recovery		-	-	-	-	-	-
Gain (Loss) on Disposal of Property		-	-	-	5,141,585.74	-	5,141,585.74
Recoveries and Rebates		3,864.12	9,016.28	316.47	(63,715.84)	-	(50,518.97)
Interest Expense		(70,018.69)	(66,322.04)	(38,190.19)	(1,049,732.94)	-	(1,224,263.86)
Total Non-Operating Revenues (Expenses)	$	43,281.59	58,727.29	69,097.14	4,310,902.28	5,568.73	4,487,577.03
Income (Loss) Before Operating Transfers	$	1,132,318.17	1,483,051.47	1,938,796.84	9,047,046.35	(185,993.48)	13,415,219.35
Operating Transfers:							
Transfers In (Out)		(470,506.64)	(633,533.36)	(2,124,220.00)	(6,953,073.36)	(54,000.00)	(10,235,333.36)
Total Operating Transfers	$	(470,506.64)	(633,533.36)	(2,124,220.00)	(6,953,073.36)	(54,000.00)	(10,235,333.36)
Net Income (Loss)	$	661,811.53	849,518.11	(185,423.16)	2,093,972.99	(239,993.48)	3,179,885.99
Net Assets - July 1, 2020, as restated		62,156,573.90	47,244,511.09	56,214,191.52	170,688,476.88	8,647,107.61	344,950,861.00
Net Income (Loss)		661,811.53	849,518.11	(185,423.16)	2,093,972.99	(239,993.48)	3,179,885.99
Contribution In Aid of Construction		31,134.00	-	-	-	-	31,134.00
Net Assets - February 28, 2021	$	62,849,519.43	48,094,029.20	56,028,768.36	172,782,449.87	8,407,114.13	348,161,880.99

UTILITY FUNDS
STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN FUND NET ASSETS - UNAUDITED
FOR THE PERIOD ENDED FEBRUARY 28, 2021

WASTEWATER - FINAL

	ORIGINAL BUDGET 2020-21	ADJUSTMENTS AND CARRYFORWARDS	CURRENT BUDGET 2020-21	FEBRUARY 2021	PERCENT OF CURRENT BUDGET	FEBRUARY 2020
OPERATING REVENUE	9,118,040.00		9,118,040.00	5,876,756.85	64.45%	5,988,734.85
OPERATING EXPENSES						
TRANSMISSION & TREATMENT	3,088,200.00	27,977.16	3,116,177.16	1,939,622.64	62.24%	1,472,576.97
ENGINEERING	-		-	-		-
DISTRIBUTION	2,509,070.00	127,017.58	2,636,087.58	1,590,637.60	60.34%	1,357,035.36
SERVICE	140,230.00		140,230.00	55,579.10	39.63%	4,710.62
METERS & REGULATORS	-		-	-		-
BAD DEBT	36,000.00		36,000.00	26,796.98	74.44%	24,671.88
GENERAL & ADMINISTRATIVE	1,808,530.00		1,808,530.00	1,175,083.95	64.97%	1,168,789.99
TOTAL OPERATING EXPENSES	7,582,030.00	154,994.74	7,737,024.74	4,787,720.27	61.88%	4,027,784.82
OPERATING INCOME (LOSS)	1,536,010.00	(154,994.74)	1,381,015.26	1,089,036.58	78.86%	1,960,950.03
NON-OPERATING REVENUE (EXPENSE)						
INTEREST INCOME ON INVESTMENTS	118,200.00		118,200.00	88,807.18	75.13%	146,176.74
RECOVERIES AND REBATES	-		-	3,864.12		6,849.38
GAIN/LOSS ON DISPOSAL	-		-	-		-
JOBBING INCOME (LOSS)	48,500.00		48,500.00	20,628.98	42.53%	21,904.12
INTEREST ON LONG TERM INDEBTEDNESS	(78,250.00)		(78,250.00)	(70,018.69)	89.48%	(90,871.40)
NET INCOME (LOSS)	1,624,460.00	(154,994.74)	1,469,465.26	1,132,318.17	77.06%	2,045,008.87
OPERATING TRANSFERS IN (OUT)	(705,760.00)		(705,760.00)	(470,506.64)	66.67%	(470,506.64)
NET INCOME AFTER TRANSFERS	918,700.00	(154,994.74)	763,705.26	661,811.53	86.66%	1,574,502.23
CONTRIBUTION IN AID	38,000.00		38,000.00	31,134.00	81.93%	
REGULAR CAPITAL MAINTENANCE	(126,300.00)	(236,178.50)	(362,478.50)	(169,904.25)	46.87%	
CAPITAL PROJECTS	(4,150,000.00)		(4,150,000.00)	(1,859,382.89)	44.80%	
DEBT SERVICE	(333,340.00)		(333,340.00)	(120,321.00)	36.10%	
DEPRECIATION	2,145,750.00		2,145,750.00	1,314,520.16	61.26%	

UTILITY FUNDS
STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN FUND NET ASSETS - UNAUDITED
FOR THE PERIOD ENDED FEBRUARY 28, 2021

WATER - FINAL

	ORIGINAL BUDGET 2020-21	ADJUSTMENTS AND CARRYFORWARDS	CURRENT BUDGET 2020-21	FEBRUARY 2021	PERCENT OF CURRENT BUDGET	FEBRUARY 2020
OPERATING REVENUE	8,473,100.00		8,473,100.00	5,711,396.27	67.41%	5,876,637.86
OPERATING EXPENSES						
TRANSMISSION & TREATMENT	1,897,720.00	58,994.85	1,956,714.85	1,228,428.56	62.78%	1,121,866.43
ENGINEERING	309,270.00	7,233.25	316,503.25	138,385.29	43.72%	145,257.60
DISTRIBUTION	662,080.00	148,840.63	810,920.63	567,531.63	69.99%	374,654.18
SERVICE	124,940.00		124,940.00	38,923.32	31.15%	51,396.50
METERS & REGULATORS	140,980.00		140,980.00	50,786.44	36.02%	62,757.33
BAD DEBT	31,000.00		31,000.00	22,003.70	70.98%	20,052.42
GENERAL & ADMINISTRATIVE	3,557,220.00	1,045.18	3,558,265.18	2,241,013.15	62.98%	2,040,245.36
TOTAL OPERATING EXPENSES	6,723,210.00	216,113.91	6,939,323.91	4,287,072.09	61.78%	3,816,229.82
OPERATING INCOME (LOSS)	1,749,890.00	(216,113.91)	1,533,776.09	1,424,324.18	92.86%	2,060,408.04
NON-OPERATING REVENUE (EXPENSE)						
INTEREST INCOME ON INVESTMENTS	190,000.00		190,000.00	83,616.90	44.01%	153,532.16
RECOVERIES AND REBATES	17,980.00		17,980.00	9,016.28	50.15%	8,110.36
GAIN/LOSS ON DISPOSAL	1,970.00		1,970.00	-	0.00%	8,525.00
JOBBING INCOME (LOSS)	105,180.00		105,180.00	32,416.15	30.82%	9,916.75
INTEREST ON LONG TERM INDEBTEDNESS	(77,440.00)		(77,440.00)	(66,322.04)	85.64%	(89,276.06)
NET INCOME (LOSS)	1,987,580.00	(216,113.91)	1,771,466.09	1,483,051.47	83.72%	2,151,216.25
OPERATING TRANSFERS IN (OUT)	(950,300.00)		(950,300.00)	(633,533.36)	66.67%	(633,533.36)
NET INCOME AFTER TRANSFERS	1,037,280.00	(216,113.91)	821,166.09	849,518.11	103.45%	1,517,682.89
CONTRIBUTION IN AID	2,500,000.00		2,500,000.00	-	0.00%	
REGULAR CAPITAL MAINTENANCE	(926,490.00)	(204,980.91)	(1,131,470.91)	(695,385.23)	61.46%	
CAPITAL PROJECTS	(4,500,000.00)	145,047.93	(4,354,952.07)	(835,983.79)	19.20%	
DEBT SERVICE	(359,710.00)		(359,710.00)	(105,009.00)	29.19%	
DEPRECIATION	1,752,540.00		1,752,540.00	1,071,758.32	61.15%	

UTILITY FUNDS
STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN FUND NET ASSETS - UNAUDITED
FOR THE PERIOD ENDED FEBRUARY 28, 2021

GAS - FINAL

	ORIGINAL BUDGET 2020-21	ADJUSTMENTS AND CARRYFORWARDS	CURRENT BUDGET 2020-21	FEBRUARY 2021	PERCENT OF CURRENT BUDGET	FEBRUARY 2020
OPERATING REVENUE	22,389,840.00		22,389,840.00	13,644,752.82	60.94%	14,174,234.81
COST OF SALES						
PURCHASED SERVICES	12,730,400.00		12,730,400.00	8,629,725.86	67.79%	8,999,472.87
PRODUCTION	-		-	-		-
TOTAL COST OF SALES	12,730,400.00	-	12,730,400.00	8,629,725.86		8,999,472.87
GROSS PROFIT	9,659,440.00	-	9,659,440.00	5,015,026.96		5,174,761.94
GROSS PROFIT %	43.14%		43.14%	36.75%		36.51%
OPERATING EXPENSES						
TRANSMISSION & TREATMENT	-			-		-
ENGINEERING	398,510.00	36,339.88	434,849.88	140,659.57	32.35%	198,105.53
DISTRIBUTION	668,480.00	1,818.86	670,298.86	404,597.29	60.36%	436,998.54
SERVICE	117,410.00		117,410.00	32,660.11	27.82%	25,556.31
METERS & REGULATORS	171,960.00	(673.86)	171,286.14	57,907.44	33.81%	91,680.54
BAD DEBT	57,000.00		57,000.00	35,750.44	62.72%	30,654.64
GENERAL & ADMINISTRATIVE	3,651,460.00	5,644.37	3,657,104.37	2,473,752.41	67.64%	2,432,881.64
TOTAL OPERATING EXPENSES	5,064,820.00	43,129.25	5,107,949.25	3,145,327.26	61.58%	3,215,877.20
OPERATING INCOME (LOSS)	4,594,620.00	(43,129.25)	4,551,490.75	1,869,699.70	41.08%	1,958,884.74
NON-OPERATING REVENUE (EXPENSE)						
INTEREST INCOME ON INVESTMENTS	177,900.00		177,900.00	94,070.36	52.88%	173,980.95
RECOVERIES AND REBATES	(20,000.00)		(20,000.00)	316.47		225.52
GAIN/LOSS ON DISPOSAL	2,000.00		2,000.00	-		-
JOBBING INCOME (LOSS)	148,610.00		148,610.00	12,900.50	8.68%	26,920.79
INTEREST ON LONG TERM INDEBTEDNESS	(38,180.00)		(38,180.00)	(38,190.19)	100.03%	(45,368.59)
NET INCOME (LOSS)	4,864,950.00	(43,129.25)	4,821,820.75	1,938,796.84	40.21%	2,114,643.41
OPERATING TRANSFERS IN (OUT)	(3,186,330.00)		(3,186,330.00)	(2,124,220.00)	66.67%	(2,124,220.00)
NET INCOME AFTER TRANSFERS	1,678,620.00	(43,129.25)	1,635,490.75	(185,423.16)	-11.34%	(9,576.59)

CONTRIBUTION IN AID	-		-	-	0.00%	
REGULAR CAPITAL MAINTENANCE	(845,400.00)	(176,319.77)	(1,021,719.77)	(376,028.66)	36.80%	
CAPITAL PROJECTS	(3,500,000.00)		(3,500,000.00)	(683,376.56)	19.53%	
DEBT SERVICE	(123,160.00)		(123,160.00)	(77,691.00)	63.08%	
DEPRECIATION	1,542,230.00		1,542,230.00	1,042,570.72	67.60%	

UTILITY FUNDS
STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN FUND NET ASSETS - UNAUDITED
FOR THE PERIOD ENDED FEBRUARY 28, 2021

ELECTRIC - FINAL

	ORIGINAL BUDGET 2020-21	ADJUSTMENTS AND CARRYFORWARDS	CURRENT BUDGET 2020-21	FEBRUARY 2021	PERCENT OF CURRENT BUDGET	FEBRUARY 2020
OPERATING REVENUE	128,714,030.00		128,714,030.00	79,358,065.90	61.65%	80,874,734.48
COST OF SALES						
PURCHASED SERVICES	96,489,660.00		96,489,660.00	61,013,750.26	63.23%	61,082,017.61
PRODUCTION	978,580.00	183,334.34	1,161,914.34	396,916.29		476,868.62
TOTAL COST OF SALES	97,468,240.00	183,334.34	97,651,574.34	61,410,666.55		61,558,886.23
GROSS PROFIT	31,245,790.00	(183,334.34)	31,062,455.66	17,947,399.35		19,315,848.25
GROSS PROFIT %	24.28%		24.13%	22.62%		23.88%
OPERATING EXPENSES						
TRANSMISSION & TREATMENT	1,511,680.00	297,224.05	1,808,904.05	939,407.10	51.93%	1,013,588.42
ENGINEERING	1,044,490.00	25,564.82	1,070,054.82	564,551.34	52.76%	491,619.04
DISTRIBUTION	13,492,900.00	(224,652.67)	13,268,247.33	8,383,804.73	63.19%	8,973,248.95
SERVICE	-		-	-		-
METERS & REGULATORS	383,580.00	4,000.00	387,580.00	228,662.28	59.00%	216,265.75
BAD DEBT	310,000.00		310,000.00	317,197.23	102.32%	353,814.64
GENERAL & ADMINISTRATIVE	5,315,840.00	91,066.77	5,406,906.77	2,777,632.60	51.37%	3,208,472.55
TOTAL OPERATING EXPENSES	22,058,490.00	193,202.97	22,251,692.97	13,211,255.28	59.37%	14,257,009.35
OPERATING INCOME (LOSS)	9,187,300.00	(376,537.31)	8,810,762.69	4,736,144.07	53.75%	5,058,838.90
NON-OPERATING REVENUE (EXPENSE)						
INTEREST INCOME ON INVESTMENTS	452,100.00		452,100.00	235,558.74	52.10%	496,489.00
ENERGY EFFICIENCY RECOVERY	-	(110,160.09)	(110,160.09)	-	0.00%	(242,654.68)
RECOVERIES AND REBATES	(120,030.00)		(120,030.00)	(63,715.84)	53.08%	1,482.29
GAIN/LOSS ON DISPOSAL	45,000.00		45,000.00	5,141,585.74	11425.75%	20,780.14
JOBBING INCOME (LOSS)	185,640.00		185,640.00	47,206.58	25.43%	191,286.25
INTEREST ON LONG TERM INDEBTEDNESS	(1,580,830.00)		(1,580,830.00)	(1,049,732.94)	66.40%	(988,141.35)
NET INCOME (LOSS)	8,169,180.00	(486,697.40)	7,682,482.60	9,047,046.35	117.76%	4,538,080.55
OPERATING TRANSFERS IN (OUT)	(10,429,610.00)		(10,429,610.00)	(6,953,073.36)	66.67%	(6,953,073.36)
NET INCOME AFTER TRANSFERS	(2,260,430.00)	(486,697.40)	(2,747,127.40)	2,093,972.99	-76.22%	(2,414,992.81)
CONTRIBUTION IN AID			-		0.00%	
FEDERAL AID - CAPITAL PROJECTS			-		0.00%	
REGULAR CAPITAL MAINTENANCE	(3,306,680.00)	(162,422.50)	(3,469,102.50)	(2,041,517.89)	58.85%	
CAPITAL PROJECTS	-	-	-	(2,574,253.36)	100.00%	
DEBT SERVICE	(3,152,550.00)		(3,152,550.00)	(2,042,094.39)	64.78%	
DEPRECIATION	8,871,610.00		8,871,610.00	5,674,242.32	63.96%	

UTILITY FUNDS
STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN FUND NET ASSETS - UNAUDITED
FOR THE PERIOD ENDED FEBRUARY 28, 2021

TELECOMMUNICATIONS - FINAL

	ORIGINAL BUDGET 2020-21	ADJUSTMENTS AND CARRYFORWARDS	CURRENT BUDGET 2020-21	FEBRUARY 2021	PERCENT OF CURRENT BUDGET	FEBRUARY 2020
OPERATING REVENUE	627,170.00		627,170.00	434,341.24	69.25%	414,351.97
COST OF SALES						
PURCHASED SERVICES	57,000.00		57,000.00	42,552.16	74.65%	31,081.68
PRODUCTION	-		-	-		-
TOTAL COST OF SALES	57,000.00	-	57,000.00	42,552.16		31,081.68
GROSS PROFIT	570,170.00	-	570,170.00	391,789.08		383,270.29
GROSS PROFIT %	90.91%		90.91%	90.20%		92.50%
OPERATING EXPENSES						
TRANSMISSION & TREATMENT			-	-		-
ENGINEERING			-	-		-
DISTRIBUTION			-	-		-
SERVICE			-	-		-
METERS & REGULATORS			-	-		-
BAD DEBT			-	127.36		(270.45)
GENERAL & ADMINISTRATIVE	926,650.00	1,062.50	927,712.50	583,223.93	62.87%	608,544.33
TOTAL OPERATING EXPENSES	926,650.00	1,062.50	927,712.50	583,351.29	62.88%	608,273.88
OPERATING INCOME (LOSS)	(356,480.00)	(1,062.50)	(357,542.50)	(191,562.21)	53.58%	(225,003.59)
NON-OPERATING REVENUE (EXPENSE)						
INTEREST INCOME ON INVESTMENTS	13,600.00		13,600.00	6,665.98	49.01%	14,273.22
RECOVERIES AND REBATES	-		-	-		-
GAIN/LOSS ON DISPOSAL	-		-	-		-
JOBBING INCOME (LOSS)	7,920.00		7,920.00	(1,097.25)	-13.85%	2,493.09
INTEREST ON LONG TERM INDEBTEDNESS	-		-	-		-
NET INCOME (LOSS)	(334,960.00)	(1,062.50)	(336,022.50)	(185,993.48)	55.35%	(208,237.28)
OPERATING TRANSFERS IN (OUT)	(81,000.00)		(81,000.00)	(54,000.00)	66.67%	(54,000.00)
NET INCOME AFTER TRANSFERS	(415,960.00)	(1,062.50)	(417,022.50)	(239,993.48)	57.55%	(262,237.28)
CONTRIBUTION IN AID	-		-		0.00%	
REGULAR CAPITAL MAINTENANCE	(25,000.00)		(25,000.00)	(18,439.28)	73.76%	
CAPITAL PROJECTS	(250,000.00)		(250,000.00)	(116,357.22)	46.54%	
DEPRECIATION	482,230.00		482,230.00	293,230.56	60.81%	
CONTINGENCY	-		-	-	0.00%	

GAS OPERATING STATISTICS
YTD February 2021 and 2020

	YTD 2021	YTD 2020	YTD Change	YTD % Change
NUMBER OF CUSTOMERS:				
Residential	13,182	13,093	89	0.6798%
Commercial	1,493	1,498	-5	-0.3338%
Small Firm Industrial	14	14	0	0.0000%
Municipal	52	54	-2	-3.7037%
Large Firm Industrial	5	5	0	0.0000%
Interruptible Industrial	6	6	0	0.0000%
Industrial Transportation	7	8	-1	-12.5000%
Interruptible Commercial	1	1	0	0.0000%
Commercial Transportation	-	8	-8	-100.0000%
TOTAL CUSTOMERS	14,760	14,687	73	0.4970%
NATURAL GAS SALES-DEKATHERMS:				
Residential	540,925	503,771	37,154	7.3752%
Commercial	284,976	287,457	-2,481	-0.8631%
Small Firm Industrial	24,951	31,295	-6,344	-20.2716%
Municipal	15,116	14,237	879	6.1741%
Large Firm Industrial	47,901	34,050	13,851	40.6784%
Interruptible Industrial	1,074,967	1,086,206	-11,239	-1.0347%
Industrial Transportation	145,187	163,135	-17,948	-11.0019%
Interruptible Commercial	71,814	71,426	388	0.5432%
Commercial Transportation	-	4,051	-4,051	-100.0000%
TOTAL DEKATHERMS	2,205,837	2,195,628	10,209	0.4650%

ELECTRIC OPERATING STATISTICS
YTD February 2021 and 2020

	YTD 2021	YTD 2020	YTD Change	YTD % Change
NUMBER OF CUSTOMERS:				
Residential	37,130	36,873	257	0.6970%
Commercial	4,758	4,733	25	0.5282%
Industrial	16	17	-1	-5.8824%
High Load Factor	7	8	-1	-12.5000%
Municipal	285	282	3	1.0638%
Outdoor Lighting	6,027	5,929	98	1.6529%
TOTAL CUSTOMERS	48,223	47,842	381	0.7964%
KILOWATT HOURS SALES:				
Residential	325,930,894	319,066,270	6,864,624	2.1515%
Commercial	176,492,943	187,884,008	-11,391,065	-6.0628%
Industrial	7,760,450	15,959,940	-8,199,490	-51.3754%
High Load Factor	85,000,800	93,066,000	-8,065,200	-8.6661%
Municipal	14,975,849	15,076,345	-100,496	-0.6666%
Outdoor Lighting	9,638,195	9,835,630	-197,435	-2.0073%
TOTAL KILOWATT HOURS	619,799,131	640,888,193	-21,089,062	-3.2906%

BILLING MONTH	TOTAL POWER COST	HLF POWER COST	**NON-HLF POWER COST**	TOTAL kWh SALES	HLF kWh SALES	NON-HLF kWh SALES	PCA / kWh	POWER COST / kWh RECOVERED IN BASE RATE	TOTAL POWER COST / kWh RECOVERED	HLF STRANDED COSTS RECOVERED	**NON-HLF POWER COST RECOVERED**	NON-HLF POWER COST OVER / (UNDER) RECOVERY	ADJUSTMTS	**CUMULATIVE POWER COST RECOVERY NON-HLF CUSTOMERS (+ / - $4,000,000)**	
Oct-20	$ 7,440,523.04	$ 1,259,816.19	**$ 6,180,706.85**	61,701,566	10,447,200	51,254,366	$0.035000	$0.086200	$0.121200		**$ 6,212,029.21**	$ 31,322.36		**$ (2,157,369.02)**	ACTUAL
Nov-20	$ 7,421,644.43	$ 1,263,881.72	**$ 6,157,762.71**	61,544,343	10,480,800	51,063,543	$0.035000	$0.086200	$0.121200		**$ 6,188,901.47**	$ 31,138.76		**$ (2,126,230.25)**	ACTUAL
Dec-20	$ 7,999,851.10	$ 1,152,113.92	**$ 6,847,737.18**	68,208,652	9,823,200	58,385,452	$0.020000	$0.086200	$0.106200		**$ 6,200,534.99**	$ (647,202.19)		**$ (2,773,432.44)**	ACTUAL
Jan-21	$ 7,234,071.46	$ 836,839.71	**$ 6,397,231.75**	82,873,214	9,586,800	73,286,414	$0.010000	$0.086200	$0.096200		**$ 7,050,152.98**	$ 652,921.23		**$ (2,120,511.21)**	ACTUAL
Feb-21	$ 7,339,294.36	$ 857,199.03	**$ 6,482,095.33**	87,475,721	10,216,800	77,258,921	$0.012500	$0.086200	$0.098700		**$ 7,625,455.47**	$ 1,143,360.14		**$ (977,151.07)**	ACTUAL
Mar-21	$ 7,473,414.54	$ 1,094,593.84	**$ 6,378,820.70**	72,680,833	10,645,200	62,035,633	$0.018000	$0.086200	$0.104200		**$ 6,464,112.98**	$ 85,292.28		**$ (891,858.79)**	PROJECTED
Apr-21	$ 7,649,350.31	$ 1,300,067.59	**$ 6,349,282.72**	69,017,088	11,730,000	57,287,088	**$0.035000**	$0.086200	$0.121200		**$ 6,943,195.03**	$ 593,912.31		**$ (297,946.48)**	PROJECTED
May-21	$ 8,087,498.11	$ 1,472,777.87	**$ 6,614,720.24**	63,734,484	11,606,400	52,128,084	$0.030000	$0.086200	$0.116200		**$ 6,057,283.40**	$ (557,436.84)		**$ (855,383.32)**	PROJECTED
Jun-21	$ 8,392,169.97	$ 1,292,282.69	**$ 7,099,887.28**	77,648,257	11,956,800	65,691,457	$0.020000	$0.086200	$0.106200		**$ 6,976,432.71**	$ (123,454.57)		**$ (978,837.89)**	PROJECTED
Jul-21	$ 8,253,116.06	$ 1,122,765.43	**$ 7,130,350.63**	84,971,195	11,559,600	73,411,595	$0.012500	$0.086200	$0.098700		**$ 7,245,724.44**	$ 115,373.81		**$ (863,464.08)**	PROJECTED
Aug-21	$ 7,926,626.84	$ 1,047,004.47	**$ 6,879,622.37**	89,790,810	11,860,200	77,930,610	*$0.012500*	$0.086200	$0.098700		**$ 7,691,751.23**	$ 812,128.86		**$ (51,335.22)**	PROJECTED
Sep-21	$ 6,928,675.74	$ 947,444.98	**$ 5,981,230.76**	88,177,364	12,057,600	76,119,764	$0.020000	$0.086200	$0.106200		**$ 8,083,918.92**	$ 2,102,688.16		**$ 2,051,352.94**	PROJECTED

Mo Rate Applied	WACOG	WACOG Plus Losses	Demand Rate Firm	Demand Rate Interruptible	Adjustments	PGA (f)	PGA (i)	(Independent of Commod) **Cum Over (Under) Demand Recovery Current FY**	*(Does not include Demand Recovery)* **Monthly Commodity Cost**	**Monthly Commodity Recovered**	**Monthly Commod Over (Under) Recovery**	Adjustments	**Commodity Recovery Balance Over (Under)** **+/- $2,000,000**	
						hard code them before reconciling the month								
Oct-20	$ 4.17663	$ 4.17663	$ -	$ -		$ 3.86782	$ 3.86782	$ (1,181,326.46)	$ 553,173.93	$ 472,220.20	$ (80,953.73)		$ (105,560.53)	Final
Nov-20	$ 4.14921	$ 4.14921	$ 1.98533	$ -	$ (0.16450)	$ 5.59840	$ 3.61307	$ (384,931.48)	$ 888,024.15	$ 686,606.22	$ (201,417.93)		$ (306,978.46)	Final
Dec-20	$ 3.53976	$ 3.53976	$ 1.98533	$ -	$ (0.03345)	$ 5.49867	$ 3.51334	$ (339,857.63)	$ 1,296,269.44	$ 999,801.08	$ (296,468.36)		$ (603,446.82)	Final
Jan-21	$ 3.44575	$ 3.44575	$ 2.08883	$ -	$ (0.01765)	$ 5.63961	$ 3.55078	$ (70,976.12)	$ 1,418,068.77	$ 1,261,729.84	$ (156,338.93)		$ (759,785.75)	Final
Feb-21	$ 3.38518	$ 3.38518	$ 2.23230	$ -		$ 6.61821	$ 4.38591	$ 334,442.18	$ 1,349,027.07	$ 1,826,980.79	$ 477,953.72		$ (281,832.03)	Final
Mar-21	$ 3.32357	$ 3.32357	$ 2.10200	$ -	$ -	$ 5.43061	$ 3.32861	$ 450,244.33	$ 903,971.34	$ 984,097.70	$ 80,126.35		$ (201,705.67)	Est
Apr-21	$ 2.46821	$ 2.46821	$ 1.03670	$ -	$ 0.10374	**$ 3.60865**	**$ 2.57195**	$ 401,536.11	$ 525,890.69	$ 710,164.37	$ 184,273.68		$ (17,431.99)	Est
May-21	$ 2.55376	$ 2.59738	$ -	$ -	$ 0.10374	$ 2.70112	$ 2.70112	$ 196,812.47	$ 451,849.31	$ 468,631.13	$ 16,781.81		$ (650.18)	Est
Jun-21	$ 2.58774	$ 2.58774	$ -	$ -	$ 0.10374	$ 2.69148	$ 2.69148	$ 7.33	$411,027.22	$ 411,678.45	$ 651.22		$ 1.04	Est
Jul-21	$ 2.64636	$ 2.64636	$ -	$ -	$ 0.21000	$ 2.85636	$ 2.85636	$ (204,716.31)	$ 389,465.03	$ 388,612.55	$ (852.49)		$ (851.44)	Est
Aug-21	$ 2.64406	$ 2.64406	$ -	$ -	$ 0.21000	$ 2.85406	$ 2.85406	$ (409,439.95)	$ 396,981.75	$ 421,654.00	$ 24,672.25		$ 23,820.80	Est
Sep-21	$ 2.61690	$ 2.61690	$ -	$ -	$ 0.21000	$ 2.82690	$ 2.82690	$ (606,245.09)	$ 409,054.22	$ 418,236.76	$ 9,182.54		$ 33,003.35	Est

Commission Item Number: DUC210426 - 2
Utility Commission Meeting: April 26, 2021
Item: II. C. Utilities Capital Improvement Project Update

Utilities Capital Improvement Project Update

Jason Grey will present the progress made on current fiscal year 2021 capital projects and the work already started on projects in the upcoming fiscal year 2022 budget.

CAPITAL PROJECTS

Danville Utility Commission

April 26, 2021

WATER AND WASTEWATER TREATMENT

Typical Hypo feed system

WATER AND GAS PROJECTS

FY21 & 22 WATER CIP

Projects identified by new Master Plan
Waterline Reconstruction, Project 60053

Streetscape Projects
Wilson: Bridge St-Lynn St, 800’

Other Public Works Projects
WB Riverside Dr: Hampton Inn

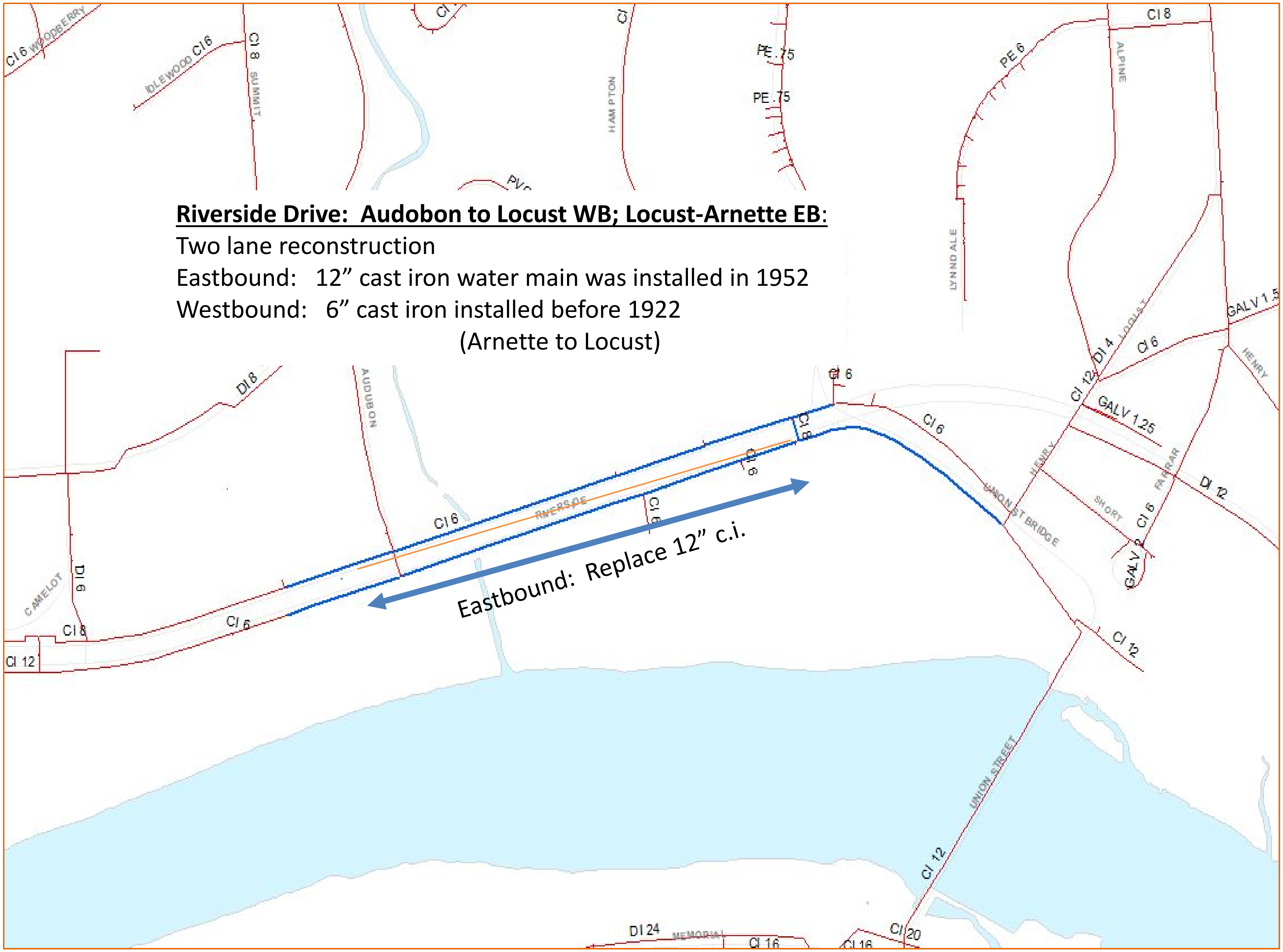
<u>Riverside Drive: Audobon to Locust WB; Locust-Arnette EB</u>:

Two lane reconstruction

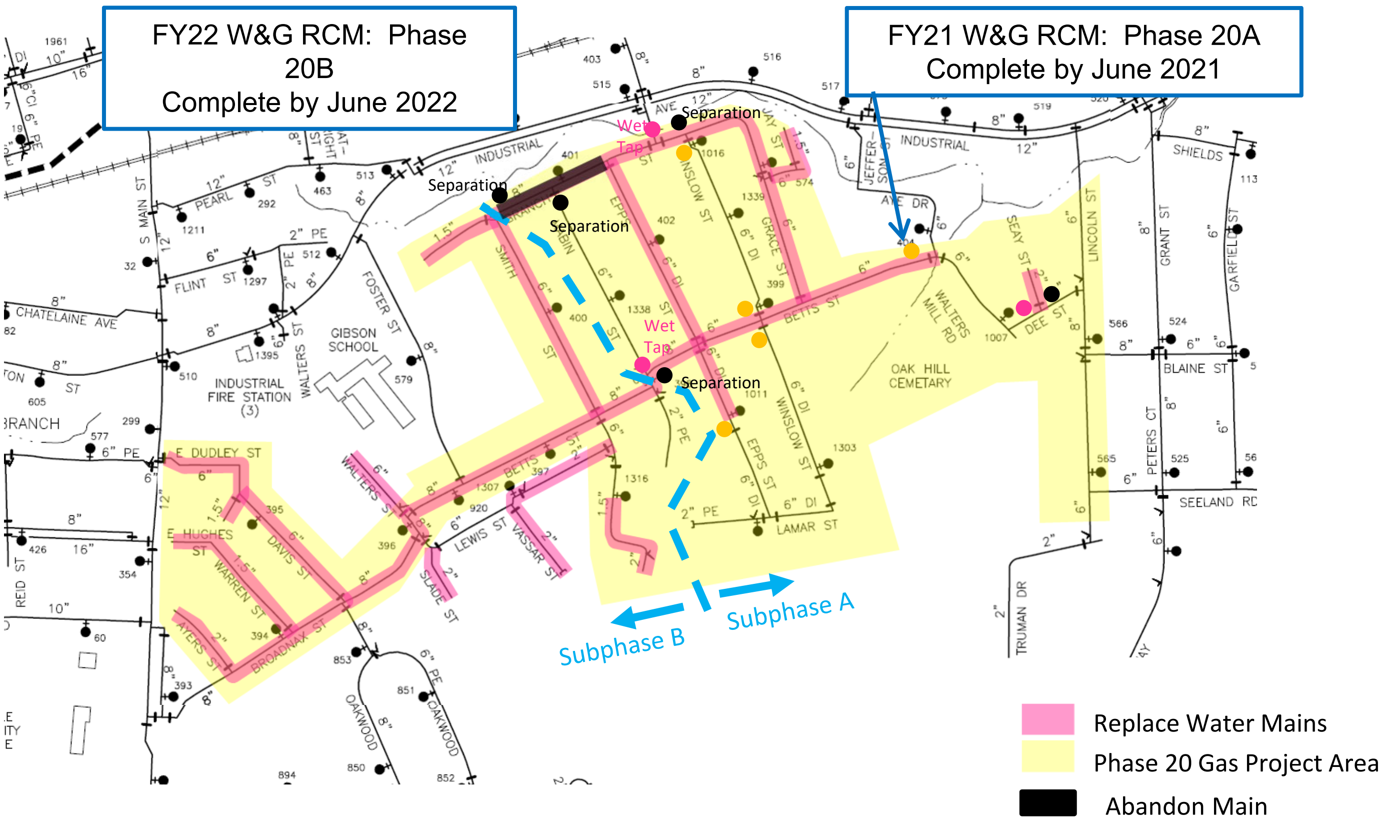
Eastbound: 12” cast iron water main was installed in 1952

Westbound: 6” cast iron installed before 1922

(Arnette to Locust)



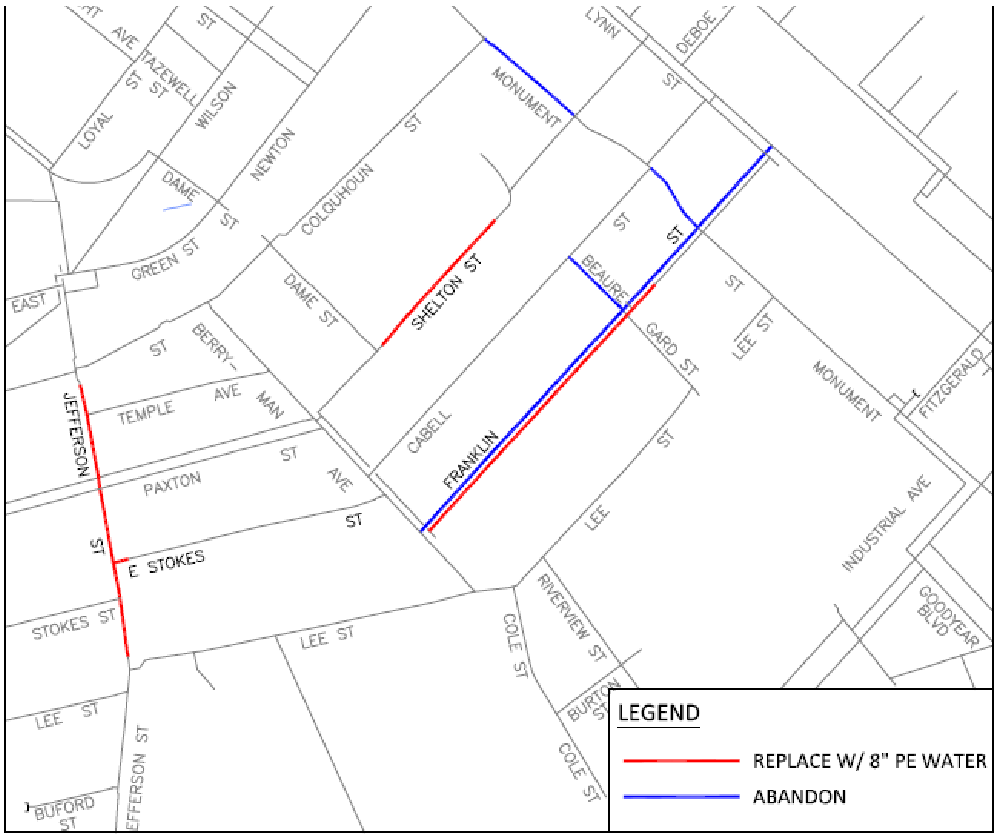
Water & Gas Projects

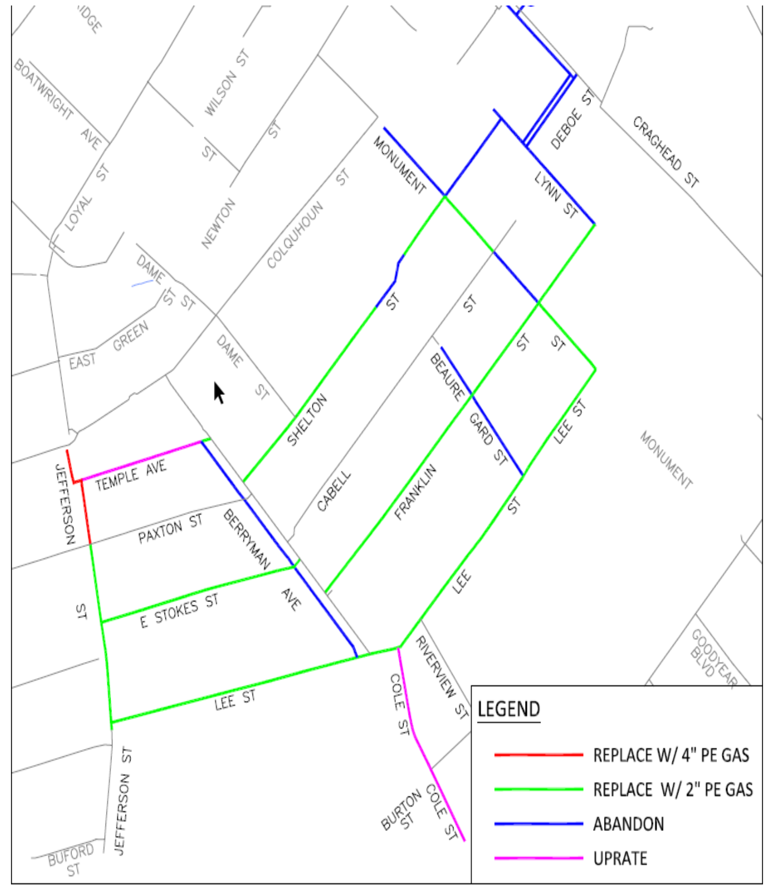


Phase 20 Water: Replace 2.0 miles cast iron, 0.5 miles galvanized steel

Phase 20 Gas: Replace 3.1 miles cast iron

PHASE 23 NATURAL GAS & WATER FACILITIES REPLACEMENT
WATER PRELIMINARY REPLACMENT OVERVIEW



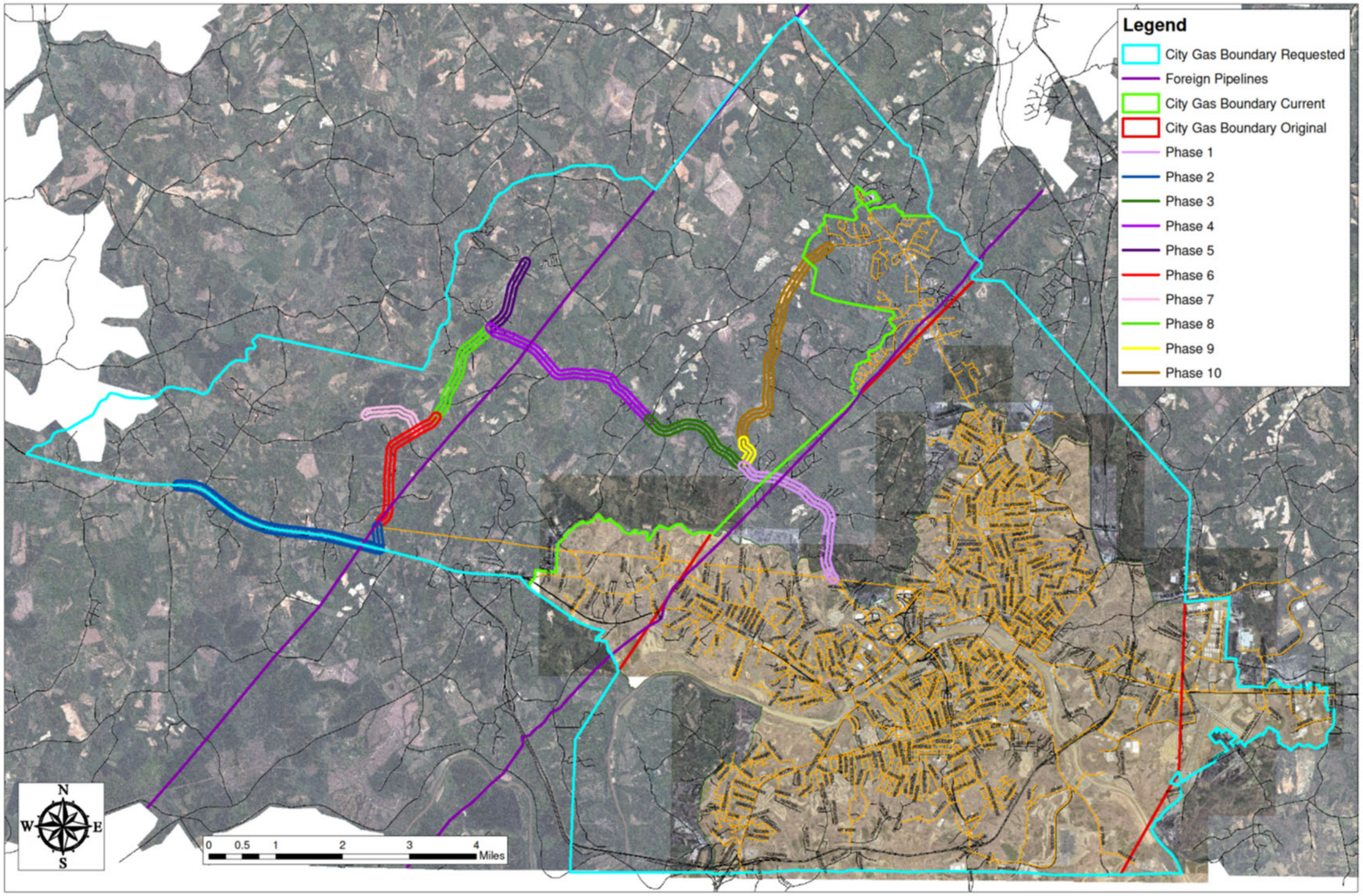


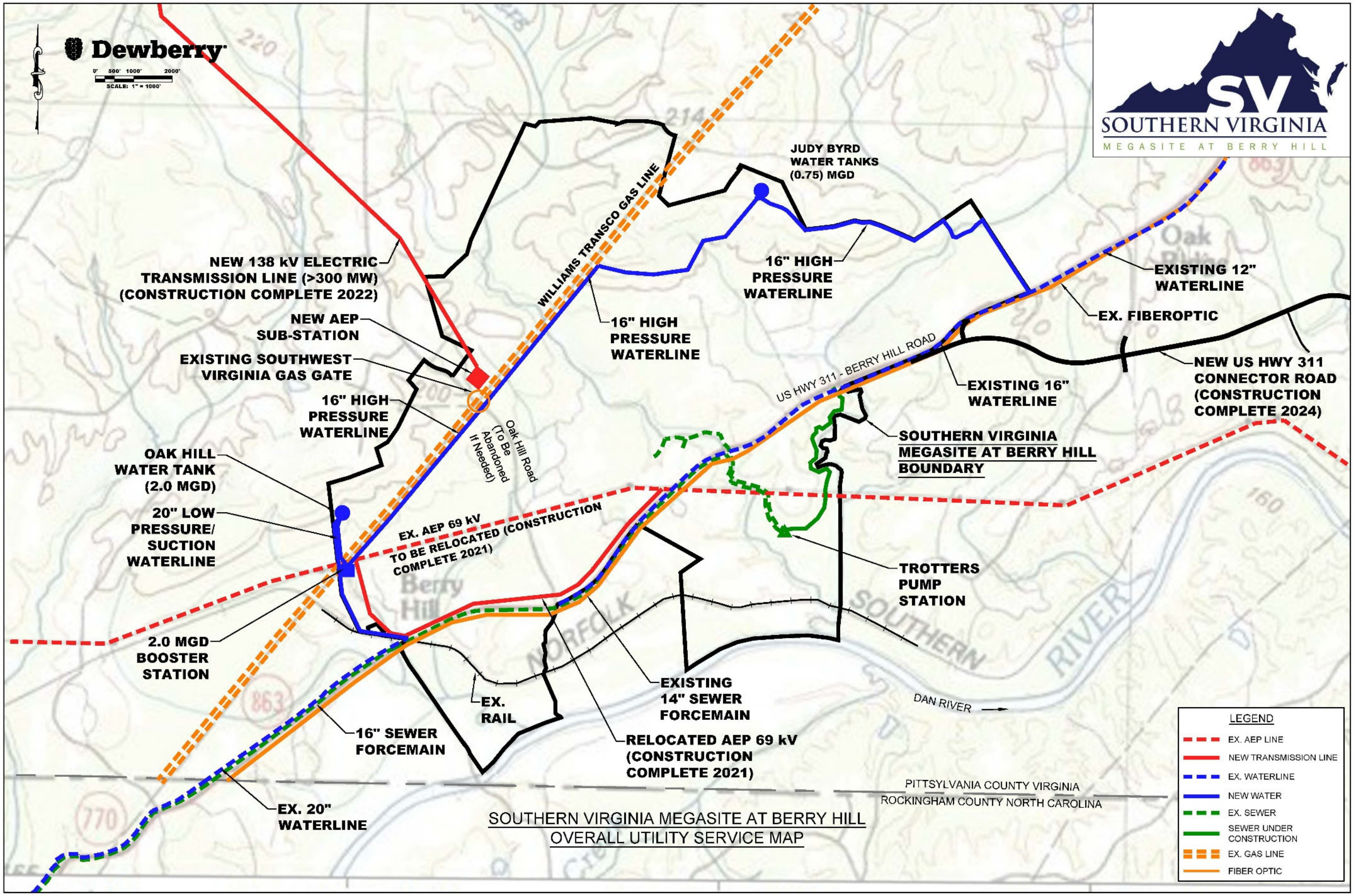
8

Gas Expansion Projects

- Initial phases of trunk-line are funded in FY21 C.I.P.
    - Phases identified and being engineered
- Waiting for Columbia Gas permission to expand in County areas
- Working on few remaining City streets that do not have gas

GAS EXPANSION





Dewberry
SCALE: 1" = 1000'
SOUTHERN VIRGINIA
MEGASITE AT BERRY HILL
NEW 138 kV ELECTRIC TRANSMISSION LINE (>300 MW) (CONSTRUCTION COMPLETE 2022)
NEW AEP SUB-STATION
EXISTING SOUTHWEST VIRGINIA GAS GATE
16" HIGH PRESSURE WATERLINE
OAK HILL WATER TANK (2.0 MGD)
20" LOW PRESSURE/ SUCTION WATERLINE
2.0 MGD BOOSTER STATION
WILLIAMS TRANSCO GAS LINE
Oak Hill Road (To Be Abandoned If Needed)
16" HIGH PRESSURE WATERLINE
JUDY BYRD WATER TANKS (0.75) MGD
16" HIGH PRESSURE WATERLINE
EXISTING 12" WATERLINE
EX. FIBEROPTIC
NEW US HWY 311 CONNECTOR ROAD (CONSTRUCTION COMPLETE 2024)
US HWY 311 - BERRY HILL ROAD
EXISTING 16" WATERLINE
SOUTHERN VIRGINIA MEGASITE AT BERRY HILL BOUNDARY
EX. AEP 69 kV TO BE RELOCATED (CONSTRUCTION COMPLETE 2021)
TROTTERS PUMP STATION
EXISTING 14" SEWER FORCEMAIN
EX. RAIL
16" SEWER FORCEMAIN
RELOCATED AEP 69 kV (CONSTRUCTION COMPLETE 2021)
EX. 20" WATERLINE
DAN RIVER
PITTSYLVANIA COUNTY VIRGINIA
ROCKINGHAM COUNTY NORTH CAROLINA
SOUTHERN VIRGINIA MEGASITE AT BERRY HILL
OVERALL UTILITY SERVICE MAP
LEGEND
EX. AEP LINE
NEW TRANSMISSION LINE
EX. WATERLINE
NEW WATER
EX. SEWER
SEWER UNDER CONSTRUCTION
EX. GAS LINE
FIBER OPTIC

11

ELECTRIC PROJECTS

FY21-Schoofield Substation

Schoolfield

Completed in December 2020

Replacing Two 69kV transformers -1962 and 1971

New outside design with all breakers, relays,

switches and arrestors replaced

FY21-Under Construction

Spring FY2021

Whitmell

$3,000,000

Existing 69 kV transformer – 1972

Kentuck

$3,000,000

Existing 69 kV transformer – 1969

FY21-Under Development

<u>Fall 2021 (FY22)</u>

Westover

$3,000,000

Existing 69 kV transformer – 1975

Add Second 69 kV transformer

Southside

$3,000,00

Existing 69 kV transformer – 1973

Add Second 69 kV transformer

FY22-23

Fall 2022

Ballou Substation
$1,000,000-FY22
$1,000,000-FY23

- Repurposing old AEP Dan River site
- Connecting to AEP 69 kV transmission line

FY22-23

4th AEP Delivery Point at Westfork Substation

$2,000,000

- System studies have indicated a need for a fourth delivery point on the west side of the City's electric service territory.
- AEP determined the likely route to serve an interconnection point at West Fork substation.
- Interconnection would be a 138 kV transmission line that AEP would be responsible for building at their expense.
- City would be required to acquire additional land and relocate a 138kV/69kV transformer.
- Would increase reliability and allow for more flexibility when conducting maintenance on the system.
- Estimated 2023 completion timeframe
- Allows for a fourth interconnection point out of a separate AEP substation in Axton

Substation Summary

Red – targeted fiscal year
Blue – Year Project completed

17 Substations with Transformer Manufacturer Dates

		Cost
Kentuck (FY2021)	1969	$3.0 Million
Whitmell (FY2021)	1972	$3.0 Million
Southside (FY2022)	1973	$3.0 million
Westover (FY2022)	1975	$2.5 Million
New Design (FY2023)	1970,1972	$3.0 Million
Ballou (FY2022-23)		$2.0 Million
Westfork 4th Delivery Point (FY2022-23)		$2.0 Million
	Total	$18.5 Million

Schoolfield (2020)	2020, 2020
Riverside (2020)	2020(138-69), 2020, 2020
Airside (Inspected 2020)	1990
White Oak (Breakers replaced 2021)	1997
Westfork (Inspect 2022)	1997
Piney Forest (Replace FY24)	1979, 2008
Brantly (Replace FY24)	1978(138-69), 2014
Bridge Street	2004
Tunstall	2006
Cane Creek	2009
Rocksprings	2011(138-69), 1993, 2003
White Oak	1997
West Fork	1997
Tunstall	2009